

NPDES Storm Water Regulations

Background on Phase I

In November 1990, the Environmental Protection Agency (EPA) adopted *Phase I* regulations requiring National Pollutant Discharge Elimination System (NPDES) permits for storm water discharges from certain industrial sites and construction activities.

In Oregon, the Department of Environmental Quality (DEQ) is responsible for administering the storm water permit program.

Implementation of Phase II

EPA followed *Phase I* with additional storm water regulations known as *Phase II* in December 1999. DEQ has yet to fully determine the impacts that Phase II may have on the state program. However, permittees and interested parties will be notified well in advance of any proposed changes to the storm water permit program.

Who Needs a Permit?

The EPA storm water regulations require that certain storm water discharges "associated with industrial activity" need NPDES permits. In general, you need a permit if:

1. *Your industry is listed by EPA.* (Please see the accompanying list of categories and Standard Industrial Classification (SIC) codes at the end of this fact sheet); **and**
2. *Storm water from rain or snow melt leaves your site through a "point source" and reaches surface waters either directly or through storm drainage.* A point source discharge refers to a natural or human-made conveyance of water through such things as pipes, culverts, ditches, catch basins, or any other type of channel.

In addition, you need a permit if you are involved in construction, including clearing, grading and excavation, that disturb five or more acres of land (one or more acres starting December 1, 2002).

What Permits are Required?

DEQ has developed a series of five general permits to address the industrial and construction activities specified by EPA:

- 1200-A for non-mineral mining activities
- 1200-COLS for industrial activities in the Columbia Slough watershed
- 1200-Z for industrial activities statewide
Note: Wood treating facilities must obtain an individual permit.
- 1200-C for construction activities that disturb five or more acres (one or more acres starting 12/01/2002)
- 1200-CA for public agencies that are involved in construction activities that disturb five or more acres (one or more acres starting 12/01/2002)

What Does a Permit Require?

Except for construction activities, the 1200-A, 1200-COLS and 1200-Z have the same basic requirements. You must:

- Submit and implement a Storm Water Pollution Control Plan for your site within 90 days of receiving your permit. For information on developing a plan and what management practices to consider, see DEQ's *Guidance Document for Preparation of the NPDES Storm Water Pollution Control Plan and Recommended Best Management Practices for Storm Water Discharges*. Call DEQ for copies or visit:
<http://www.deq.state.or.us/wq/wqpermit/wqpermit.htm>.
- Monitor storm water by taking "grab" samples twice a year for contaminants specified in the permit.
- Strive to meet storm water discharge benchmarks in the permit.
- Review and update your Storm Water Pollution Control Plan when benchmarks are exceeded.



State of Oregon
Department of
Environmental
Quality

Water Quality Division
Surface Water
Management
811 SW 6th Avenue
Portland, OR 97204
Phone: (503) 229-5657
(800) 452-4011
Fax: (503) 229-5408
Contact: Ranei Nomura
www.deq.state.or.us

Requirements for Construction Projects

Construction projects that disturb five or more acres (one acre or more starting December 1, 2002) must have an erosion and sediment control plan approved by DEQ or DEQ agent prior to any on-site activities.

For more information on the application procedure and permit requirements for construction projects, please see DEQ's guidance titled *NPDES Storm Water Regulations for Construction Projects February 2001*. Call DEQ for a copy or visit <http://www.deq.state.or.us/wq/wqpermit/Gen1200CGuidance.pdf>.

How Much Does a Permit Cost?

The fee for these permits is \$560. You will also be billed an annual compliance fee of \$275 for each subsequent year to maintain the permit.

What is the Application Procedure?

All industries requiring a storm water permit must apply immediately. Contact your local DEQ office to obtain an application or visit <http://www.deq.state.or.us/wq/wqpermit/wqpermit.htm>. The application for industrial activities will ask for the following:

1. Latitude and longitude of your site
2. Description of site activities
3. Evaluation of your site for discharges other than storm water
4. Site drainage map
5. Land use compatibility statement (LUCS) signed by the local land use authority.

Regulated Activities

This list of activities is to help you in determining if you need an NPDES storm water permit. If you do not know your SIC code, please check with your insurance company or accountant. SIC codes are typically used on their forms. You may also contact your local DEQ office for assistance.

- Facilities under codes 24, 26, 28, 29, 311, 32, 33, 3441, and 373 with a few exceptions. These codes generally include: pulp and paper mills; timber products; chemical manufacturing; petroleum refining; rubber products; leather products; stone, clay, and concrete products; fabricated structural metal; and ship and boat building and repair.
- SIC codes 10 through 14 that generally include mining and mineral extraction.
- Hazardous waste treatment, storage, or disposal facilities.
- Landfills, land application sites, and open dumps.
- SIC codes 5015 and 5093 that include facilities involved in recycling of material including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards.
- Steam electric power generating facilities, including coal handling sites.
- Transportation facilities with SIC codes 40, 41, 42, 43, 44, 45 and 5171 (except 4221-4225) that have vehicle maintenance activities, equipment cleaning operations, or airport de-icing operations.
- Sewage treatment plants with a design flow of one million gallons per day, or plants that require an approved pretreatment program.
- Construction activities including clearing, grading, and excavation activities that disturb five acres or more of land (one or more acres starting December 1, 2002).
- Facilities under SIC codes 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, and 4221-25, **only if** storm water is exposed to material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery. These categories generally include: food products; tobacco products; textiles; furniture; drugs, paper/paperboard products; miscellaneous plastic products; printing; leather products; fabricated metal products and equipment; electronic equipment; and certain warehousing and storage facilities.
- Facilities subject to EPA promulgated storm water effluent limitations, new source performance standards, or toxic pollutant effluent standards. These include fertilizer and pesticide manufacturers, petroleum refining operations, etc.

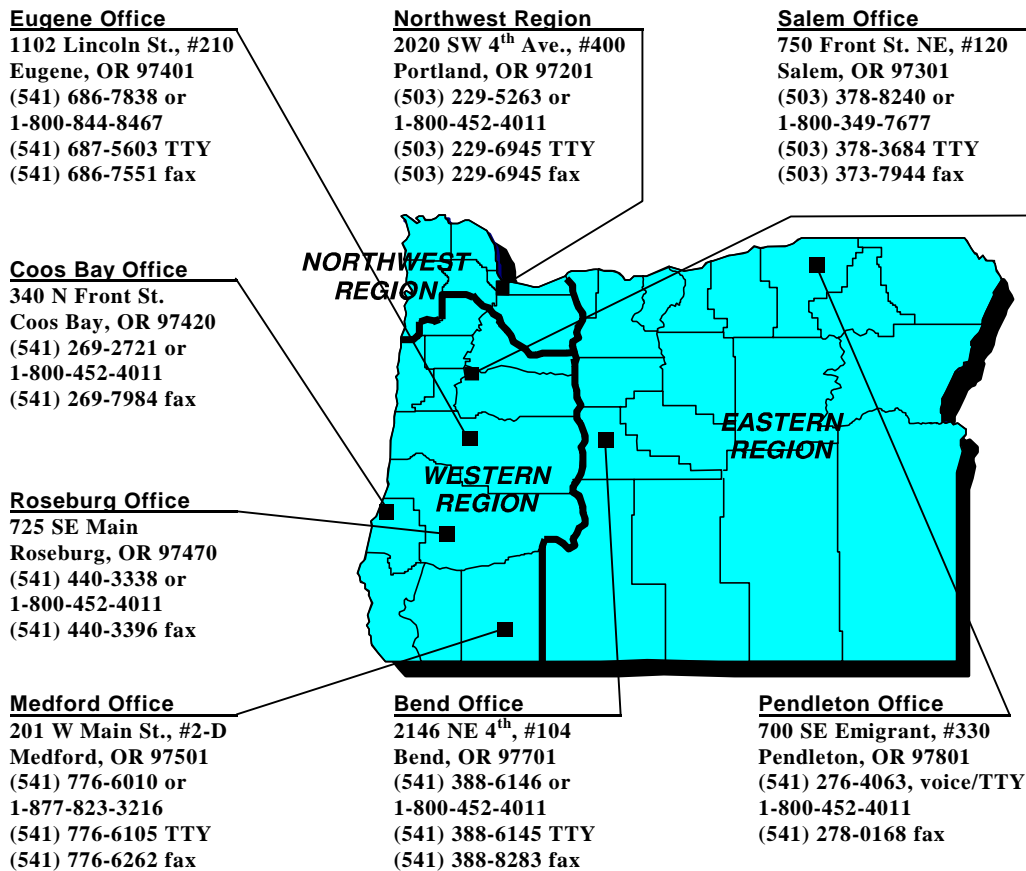
For More Information

For more information, please contact the DEQ regional office with storm water staff nearest you. Locations and phone numbers may be found on the following map. If you need help determining which office you should contact, please call DEQ headquarters toll-free, inside Oregon, at 1-800-452-4011 or (503) 229-5630. People with hearing impairments may call DEQ's TTY at (503) 229-6993.

Alternative Formats

Alternative formats of this document can be made available. Contact DEQ's Office of Communications and Outreach for more information (503) 229-5317.

DEQ Regional Offices



SIC Code Short Title

10 Metal Mining	33 Primary Metal Industries
12 Coal Mining	34 Fabricated Metal Products
13 Oil and Gas Extraction	35 Industrial Machinery and Equipment
14 Nonmetallic Minerals, Except Fuels	36 Electronic and other electrical equipment and components, except computer equipment
20 Food and Kindred Products	37 Transportation Equipment
21 Tobacco Products	38 Instruments and Related Products
22 Textile Mill Products	39 Miscellaneous Manufacturing Industries
23 Apparel and Other Textile Products	40 Railroad Transportation
24 Lumber and Wood Products	41 Local and Interurban Passenger Transit
25 Furniture and Fixtures	42 Trucking and Warehousing
26 Paper and Allied Products	43 U.S. Postal Service
27 Printing and Publishing	44 Water Transportation
28 Chemicals and Allied Products	45 Transportation by Air
29 Petroleum and Coal Products	5015 Motor Vehicle Parts, Used
30 Rubber and Miscellaneous Plastics Products	5093 Scrap and Waste Materials
31 Leather and Leather Products	5171 Petroleum Bulk Stations & Terminals
32 Stone, Clay, and Glass Products	