

Proposed Issuance of Air Quality Permit for Oregon Resources Corporation



State of Oregon
Department of
Environmental
Quality

The purpose of this notice is to invite you to make oral comments on this proposed air quality permit issuance at a public hearing. You may also comment in writing.

DEQ's Role:

The Oregon Department of Environmental Quality (DEQ) is responsible for protecting and enhancing Oregon's water and air quality, for cleaning up spills and releases of hazardous materials, and for managing the proper disposal of hazardous and solid wastes. One way DEQ does this is by requiring permits for certain activities. DEQ issues permits to regulate the type and amount of air emissions at a regulated facility.

Hearing details:

The public hearing will be held on September 13, 2010, at the Coos Bay Public Library (large meeting room). The information session begins at 6 p.m. with formal hearing to follow. The Library is located at:

525 Anderson Avenue
Coos Bay, OR 97420

Comments due:

Written comments due: 5 p.m., September 17, 2010.

Where can I send my comments?

Name: Patty Hamman
Phone: (503) 378-5305 or toll free in Oregon (800) 349-7677
Mailing Address: 750 Front Street, NE, Suite 120, Salem, OR 97301-1039
Fax: (503) 378-4196
E-mail: Hamman.Patricia@deq.state.or.us

Where can I get technical information?

Name: Martin Abts
Phone: (541) 269-2721 ext. 222
Mailing Address: 381 N. Second Street, Coos Bay, OR 97420
Fax: (541) 269-7984
Abts.martin@deq.state.or.us

Where can I get background information?

Information about this project is viewable online by clicking the following link(s):

- [Permit](#)

- [Review Report](#)
- [Emissions Detail Sheet](#)

You can review hard copies of the draft permit and related documents at the Coos Bay Public Library located at 525 Anderson Avenue in Coos Bay and the nearest DEQ office in Coos Bay. For a review appointment, call Geri Sledd at (541) 269-2721 ext. 228.

What is proposed?

DEQ proposes to issue an air permit for Oregon Resources Corporation and is inviting public comment on the proposed permitting action. During the comment period the public is invited to make comments related to specific conditions within the proposed permit.

Since this will be a new permit, all conditions are new to this facility.

Permit expiration

Oregon law requires facilities with a Simple Air Contaminant Discharge Permit to renew that permit every five years. Upon issuance, this permit will be effective for five years, expiring on 09/01/2015.

Who is the applicant?

Oregon Resources Corporation
PO Box 501
Portland, OR 97207

Where is the facility located?

63776 Mullen Road
Coos Bay, OR 97420

Who might have an interest?

People who work, live, and recreate in the area.

What does Oregon Resources Corporation do that affects air quality?

Receives metallic mineral ore (sand), cleans and separates valuable heavy minerals from lighter waste fractions. Heavy minerals are further cleaned, dried and subjected to magnetic and electrostatic separation processes. Particulate matter (PM) in the form of dust can be generated during these processes. Insignificant amounts of Carbon Monoxide (CO), Nitrogen Oxide (NO_x),

Western Region Air Quality

381 N. Second Street
Coos Bay, OR 97420
Phone: (541) 269-2721
Fax: (541) 269-7984
Contact: Martin Abts
E-mail:
abts.martin@deq.state.or.us

www.oregon.gov/DEQ

If you received a hard copy of this notice in the mail, please consider receiving updates via e-mail instead. Send your request to:
subscriptions@deq.state.or.us

Please include your full name, e-mail address and mailing address so that we can purge you from our print mailing list, thus saving trees and taxpayer dollars.

Notice Issued: 08/11/10
By: pah

Sulfur Dioxide (SO₂) and Volatile Organic Compounds (VOC) are emitted into the air.

What legal requirements apply?

Oregon Revised Statutes (ORS) 468A.040 and Oregon Administrative Rules (OAR) Chapter 340 Division 216 and 218 give DEQ the authority to issue permits. OAR Chapter 340 Divisions 200 through 268 contains all pertinent rules that govern the air quality program.

How does DEQ determine what requirements go in the permit?

Various federal and state regulations apply to a facility depending on the type of industry, the type and amount of pollutants emitted, and the location of the facility. All applicable regulations must be contained in the permit, including the appropriate recordkeeping, monitoring, and reporting requirements to ensure compliance with these rules.

Meeting air quality standards

Air quality in Coos Bay area meets the National Ambient Air Quality Standards (NAAQS) established by the US Environmental Protection Agency (EPA) to protect public health. DEQ has determined that the air emissions from Oregon Resources Corporation will not result in a violation of those standards. DEQ is responsible for establishing permit emissions limits that ensure air quality standards are not violated.

What pollutants are considered in determining permitted limits?

EPA and DEQ use six key pollutants as indicators of air quality. These are known as “criteria pollutants” and are compounds that, if inhaled, may lead to health effects that generally aggravate cardiovascular and respiratory disease. If the amount of criteria pollutants emitted is greater than a regulated minimum, then emission limits are established.

For more information about criteria pollutants, go to:

www.deq.state.or.us/eq/forms/annrpt.htm

How are the permitted substances measured?

The emissions of permitted pollutants are measured by material balance calculations, and the use of emission factors established by source testing at similar facilities.

Emissions and permit limits

Table 1 below presents the maximum allowable emissions for the facility. The Proposed Emission Limit reflects the maximum amount of

emissions the facility would be able to emit under the proposed permit. Typically, a facility’s actual emissions are less than the maximum limits established in a permit; however, actual emissions can increase up to the permitted limit.

Compliance history:

Since this is a new facility, no compliance history is available for review.

What are the special conditions of this permit?

This facility is subject to Subpart LL of the New Source Performance Standards (NSPS). As a result, specific particulate matter emissions standards apply to the fluidized bed dryers and require testing to show compliance.

What other DEQ permits are required?

A Storm water permit is issued for this facility.

What other sources of air pollutants are in the vicinity of the facility?

Oregon Resources Corporation is located next to the Georgia-Pacific West sawmill. The primary pollutant emitted by this sawmill is particulate matter. Few if any dust/particulate matter complaints from this facility have been received since operations began in 1995.

Various sources emit similar air pollutants. EPA and DEQ split up the sources into 3 categories: point, area, and mobile sources. Point sources are primarily large industrial facilities. Area sources are smaller than point sources and include backyard burning, woodstoves, consumer products, gasoline stations, etc. Mobile sources include cars, trucks, airplanes, ships, railroads, and construction equipment.

What happens after the hearing?

After the comment period closes, DEQ will consider and provide responses to all comments received. DEQ may modify provisions in the proposed permit, but the permit writers can only modify conditions of the permit in accordance with the rules and statutes under the authority of DEQ. Participation in the rulemaking or the legislative process is the only way to change the rules or statutes. Ultimately, if a facility meets all legal requirements, DEQ will issue the facility’s air quality permit.

Accessibility information

DEQ is committed to accommodating people with disabilities at our hearings. Please notify DEQ of any special physical or language accommodations or if you need information in large print, Braille or another format. To make these arrangements, contact DEQ



Communications & Outreach (503) 229-5696 or
toll free in Oregon at (800) 452-4011; fax to
503-229-6762; or e-mail to
deqinfo@deq.state.or.us.

People with hearing impairments may call
DEQ's TTY number, (800) 735-2900.

Table 1

Criteria Pollutant	Current Limit (tons/yr)	Proposed Limit (tons/yr)
Particulate Matter (PM)	Not Applicable	24
Small Particulate Matter (PM ₁₀)	Not Applicable	14
Nitrogen Oxides (NO _x)	Not Applicable	39
Sulfur Dioxide (SO ₂)	Not Applicable	39
Carbon Monoxide (CO)	Not Applicable	99
Volatile Organic Compounds (VOC)	Not Applicable	39

