

Proposed Issuance of Standard Air Contaminant Discharge Permit and Modification and Renewal of Title V Permit for Riverbend Landfill Co.

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:

Information session begins at 6 p.m. with formal hearing to follow:

Yamhill County Courthouse
535 NE 5th Street
Basement Room 32
McMinnville, Oregon 97128

Comments due:

Written comments due: 5 p.m., October 26, 2009.

Where can I send my comments?

Patty Hamman
(503) 378-5305 or Toll Free (800) 349-7677
750 Front Street NE #120
Salem, OR 97301-1039
Fax Number (503) 378-4196
hamman.patricia@deq.state.or.us

Where can I get technical information?

Gary Andes
(503) 378-5316 or Toll free (800) 349-7677
750 Front Street NE #120
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How can I review documents?

You can review electronic versions of the draft permit and review report by using the links below:

- [Air Contaminant Discharge Permit](#)
- [Title V Permit](#)
- [Review Report](#)

or

<http://www.deq.state.or.us/notices/>

You can review hard copies of the draft permits and related documents at the McMinnville Public Library located at 225 N. Adams, McMinnville, OR and the nearest DEQ office in Salem. For a review appointment, call Patty Hamman at (503) 378-5305.

What is proposed?

DEQ proposes to issue an air permit for Riverbend Landfill 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.

This permitting action is to allow for construction and operation of six internal combustion engines and a new enclosed flare or candlestick flare. The engines would replace the existing enclosed flare and the new flare would be a backup for the destruction of collected landfill gas.

Because of the projected annual emission increases from the engines and backup flare, the company must obtain a Standard Air Contaminant Discharge Permit. This permit is a separate permit from the facility's Title V air quality permit. However, the Title V permit must also be modified for the new engines and, as such, the public is also allowed to comment on the proposed Title V permit changes. In addition, the Title V permit is also up for renewal and the Department is taking this opportunity to combine all three permit actions into one public hearing notice.

Permit expiration

Upon issuance, this permit will be effective for five years. Normally a facility must apply for a modification to their existing Title V permit



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within one year to incorporate the ACDP requirements into the Title V permit, effectively doing away with the ACDP. However, the company has requested that DEQ employ the “enhanced review” procedures available under the Title V rules to incorporate the ACDP requirements into the Title V permit by administrative amendment. As such the ACDP must be forwarded to EPA for their review.

Who is the applicant?

Riverbend Landfill Co.

Where is the facility located?

13469 SW Highway 18
McMinnville, OR 97128

Who might have an interest?

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

What does Riverbend Landfill do that affects air quality?

Riverbend Landfill releases Particulate Matter (PM), Fine Particulate Matter (PM₁₀), Carbon Monoxide (CO), Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Volatile Organic Compounds (VOC), and Nonmethane Organic Compounds (NMOC) to the air during the decomposition of waste and operation of the landfill.

What legal requirements apply?

Oregon Revised Statutes (ORS) 468A.040 and Oregon Administrative Rules (OAR) Chapter 340 Division 216 give DEQ the authority to issue ACDPs and Division 218 give DEQ authority to issue Title V 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 facility’s Title V permit, including the appropriate recordkeeping, monitoring, and reporting requirements to ensure compliance with these rules.

Meeting air quality standards

Air quality in the McMinnville 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 Riverbend Landfill 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/aq/forms/annrtp.htm

How are the permitted substances measured?

Emissions from the facility are calculated by using emission factors and production data and measured by source tests.

Emissions and permit limits

Table 1 below presents the maximum allowable emissions for the facility. The Current Emission Limit reflects the maximum amount of emissions the facility can currently emit under their existing Title V permit. The Proposed Emission Limit reflects the maximum amount of emissions the facility would be able to emit under the proposed ACDP and modified Title V 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. The increases in emissions shown in Table 1 are due to the installation of six new internal combustion engines which will be used to destroy collected landfill gas.

Riverbend Landfill is not a major source of HAPs.

Compliance history:

DEQ has inspected this facility on a regular schedule (2008, 2006, 2004, 2002, 2001, and 2000) and found them to be in compliance with existing permit conditions. There are no current enforcement actions underway.

Numerous odor complaints have been received concerning the landfill recently. The installation of the engines and new flare, along with other measures the company has recently instituted, should reduce odors from the landfill.

What other DEQ permits are required?



The facility is required to have a General NPDES permit for discharge of stormwater and a Solid Waste Disposal Permit.

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

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 oral or written comments received by the close of the comment period. 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 ACDP following the EPA review.

Accessibility information

DEQ is committed to accommodating people with disabilities. 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, (503) 378-3684.

Criteria Pollutant	Total Plant Site Emissions	
	Current Limit (tons/yr)	Proposed Limit (tons/yr)
Particulate Matter (PM)	24	24
Small Particulate Matter (PM ₁₀)	14	14
Nitrogen Oxides (NO _x)	39	146
Sulfur Dioxide (SO ₂)	39	39
Carbon Monoxide (CO)	99	249
Volatile Organic Compounds (VOC)	39	39
Nonmethane Organic Compounds (NMOC)	49	77