

# Public Notice

## Public hearing about Riverbend Landfill Co.'s proposed air quality permit and public comment session on 1200-Z Stormwater Permit: December 19, 2012 in McMinnville



State of Oregon  
Department of  
Environmental  
Quality

**Western Region  
Air Quality Division**  
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[www.oregon.gov/DEQ](http://www.oregon.gov/DEQ)

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DEQ invites the public to attend a public hearing and to comment on the Riverbend Landfill Co.'s proposed air quality permit, known officially as a Title V operating permit, and to comment on the renewal of the Riverbend Landfill Co.'s NPDES 1200-Z Stormwater permit.

### Summary

Changes are being proposed to the emission limits in the modified air quality Title V permit based on the results of recent source tests. Sulfur dioxide (SO<sub>2</sub>) and hydrogen sulfide (H<sub>2</sub>S) plant site emission limits are being increased due to more recently measured higher sulfur levels associated with collected landfill gas.

Fine particulate matter (PM<sub>2.5</sub>) and greenhouse gas (GHG) plant site emission limits are being placed into the Title V permit for the first time in this permit action as a result of DEQ rule changes. Modeling of projected emissions of PM<sub>2.5</sub> and SO<sub>2</sub> were completed and showed compliance with the ambient air quality standards designed to protect public health.

The NPDES 1200-Z Stormwater permit is a general permit that is renewed every five (5) years. The current permit became effective on July 1, 2012, and expires on June 30, 2017. In order to continue coverage under the 1200-Z, facilities were required to submit an updated storm water pollution control plan (SWPCP) by March 31, 2012. Riverbend met this requirement. Prior to permit issuance, the SWPCP is reviewed by DEQ staff and placed on a 30 day public notice for public comments.

### How do I participate?

Attend the public hearing to learn about the permit application, ask any questions you might have and provide oral or written comments on the proposed permit. You can also submit written comments by mail, fax or email.

### Hearing details

**When:** Informational session begins at 6 p.m. with formal hearing to start at 7 p.m. Wednesday December 19, 2012

**Where:** McMinnville Community Center  
600 NE Evans St., Room 203  
McMinnville, OR 97128

### Comment periods

For the air permit, send written comments by mail, fax or email to:

Patty Hamman, Permit Coordinator  
750 Front Street NE #120  
Salem, OR 97301-1039

**Fax:** (503) 378-4196  
**Email:** [hamman.patricia@deq.state.or.us](mailto:hamman.patricia@deq.state.or.us)

For the air permit, comments are due by 5 p.m., Friday January 11, 2013

For the 1200-Z Stormwater Permit, send written comments by mail, fax, or email to:

Kathy Jacobsen, Permit Coordinator  
165 E. 7<sup>th</sup> Ave., Suite 100  
Eugene, OR 97401

**Fax:** 541-686-7551  
**Email:** [jacobsen.kathy@deq.state.or.us](mailto:jacobsen.kathy@deq.state.or.us)

Comments due: 5 p.m., Friday January 11, 2013

### About the facility

The facility is a regional solid waste landfill accepting municipal, commercial, and industrial wastes. The landfill produces landfill gases which are collected and combusted in an enclosed flare or six internal combustion gas-to-electrical energy engines.

### **What air pollutants does the permit regulate?**

This permit regulates emissions of the pollutants listed in the table at the end of this document.

### **How does DEQ determine permit requirements?**

DEQ evaluates types and amounts of pollutants and determines permit requirements according to state and federal regulations.

### **What special conditions are in this permit?**

The facility will be required to collect quarterly samples of landfill gas to determine its sulfur content.

In addition, the facility is required to capture at least 75% of the landfill gas generated by the decomposition of waste in the landfill.

The facility must also host semiannual public community meetings concerning the environmental systems at the facility.

### **How does DEQ monitor compliance with the permit requirements?**

This permit would require the facility to monitor pollutants using federally-approved monitoring practices and standards.

The facility is required to submit monthly operating reports and semiannual and annual reports denoting the compliance status of the facility with all permit conditions.

### **What pollutants does the 1200-Z storm water permit regulate?**

The 1200-Z regulates storm water discharges of total copper, total lead, total zinc, pH, total suspended solids and oil and grease. The permit also has requirements for storm water monitoring of total cadmium, total chromium, and total nickel. Riverbend Landfill will also be required to conduct sector specific monitoring for biochemical oxygen demand (BOD), ammonia, alpha terpineol, benzoic acid, p-Creosol, and phenol.

### **How does DEQ monitor compliance with the 1200-Z permit requirements?**

The permit requires the facility to monitor pollutants using federally-approved monitoring practices and standards.

The facility is required to submit annual discharge monitoring reports.

### **What happens after the hearing?**

DEQ considers and responds to all comments received and may modify the proposed Title V

air quality permit further based on comments. If a facility meets all legal requirements, DEQ will issue the facility's air quality permit following EPA review.

After the public comment period, DEQ sends the proposed air quality permit to EPA. EPA has 45 days to review it and submit objections to DEQ. If EPA has no objections, anyone may petition EPA with an objection during the following 60 days. A petition may be based only on objections already raised during the public comment period, unless the person submitting the petition can demonstrate it was impossible or impractical to do so, or that new information is now available to justify a new objection.

Following the public comment period for the storm water permit, DEQ will review all comments received by the deadline and determine if renewal of permit coverage is appropriate for the site.

### **Where can I get more information?**

View information about the air quality permit online at [Web page or document link to be inserted or provided by web rep], or contact Gary Andes using the following contact information:

**Phone:** (503) 378-5316 or toll-free (800) 349-7677

**Fax:** (503) 378-4196

**Email:** [andes.gary@deq.state.or.us](mailto:andes.gary@deq.state.or.us)

For storm water related questions, please contact Mindi English using the following contact information:

**Phone:** (541) 686-7763 or toll-free (800) 844-8467

**Fax:** (541) 686-7551

**Email:** [english.mindi@deq.state.or.us](mailto:english.mindi@deq.state.or.us)

View the air quality application and related documents in person at the DEQ office in Salem. For a review appointment, call Patty Hamman at (503) 378-5305.

### **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 and Outreach in Portland at 503-229-5696 or call toll-free in Oregon at 800-452-4011; fax to 503-229-6762; or email [deqinfo@deq.state.or.us](mailto:deqinfo@deq.state.or.us).



People with hearing impairments may call 711.

## Emissions limits

**Regulated Pollutants:** Table 1 below presents maximum allowable emissions of regulated pollutants for the facility. The current emission limit reflects maximum emissions the facility can emit under the existing permit. The proposed emission limit reflects maximum emissions the facility would be able to emit under the proposed permit. Typically, a facility's actual emissions are less than maximum limits established in a permit; however, actual emissions can increase up to the permitted limit.

Pollutant	Total Plant Site Emissions	
	Current Limit (tons/yr)	Proposed Limit (tons/yr)
Particulate Matter (PM)	24	24
Small Particulate Matter (PM <sub>10</sub> )	14	14
Fine Particulate Matter (PM <sub>2.5</sub> )	NA	9
Nitrogen Oxides (NO <sub>x</sub> )	146	146
Sulfur Dioxide (SO <sub>2</sub> )	39	204
Carbon Monoxide (CO)	249	249
Volatile Organic Compounds (VOC)	39	39
Nonmethane Organic Compounds (NMOC)	77	58
Hydrogen Sulfide (H <sub>2</sub> S)	NA	9
Greenhouse Gases (GHGs)	NA	105,400

## Hazardous air pollutants

Riverbend Landfill Co. does not have the potential to be a major source of hazardous air pollutants. Although not a major source, it is still subject to the following National Emission Standards for Hazardous Air Pollutants for area sources: 40 CFR Part 63, Subparts AAAA and ZZZZ. More detailed information can be found in the review report.