

Public Notice: Request for Comments

Proposed NPDES Permit Renewal and Biosolids Management Plan for Lakeside STP



State of Oregon
Department of
Environmental
Quality

Western Region
Water Quality
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Permit Writer:
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Notice issued: November 21, 2005

Written comments due: 5 p.m., Tuesday,
December 27, 2005

Where can I get more information and send comments?

DEQ accepts comments by mail, fax and e-mail.

Name: Dottie Reynolds, Permit Coordinator

Phone: (503) 378-8240, extension 238 or
Toll free in Oregon (800) 349-7677

Mailing address:

Western Region - Salem Office, 750 Front
Street NE, Suite 120, Salem, OR 97301-1039

Fax: (503) 373-7944

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If there is a delay between servers, e-mails may not be received before the deadline. E-mails received after the deadline will not be considered.

How can I review documents?

You can review the draft permit and permit application at:

Salem Office, 750 Front Street NE, Suite 120
Salem, OR 97301-1039

To schedule an appointment please call at
(503) 378-8240, ext. 238

OR

Coos Bay Office, 381 N. Second Street
Coos Bay, OR 97420

To schedule an appointment please call
Ruben Kretzschmar at (541) 269-2721, x 23.

What are DEQ's responsibilities?

The Oregon Department of Environmental Quality (DEQ) is the regulatory agency that helps protect and preserve Oregon's environment. 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. The purpose of this notice is to invite you to submit written comments on this proposed permit.

Who is the applicant?

City of Lakeside
P.O. Box L
Lakeside, OR 97449

Where is the facility located?

Lakeside Sewage Treatment Plant (STP)
105 Park Avenue, Lakeside, Oregon

What is proposed?

DEQ proposes to renew a National Pollutant Discharge Elimination System (NPDES) wastewater discharge permit. The receiving stream is Tenmile Creek which eventually flows into the Pacific Ocean. Tenmile Creek is currently not included on the Department's list of water quality limited water bodies because there is insufficient data to determine the status of Tenmile Creek. However, Tenmile Lake, which is the source of Tenmile Creek, has been found to be water quality limited for aquatic weeds and algae. Annually, starting around June of each year, Tenmile Creek is closed off by a sand dune and creates a pool near Spinreel Campground where the water seeps into the sand. Additionally, an analysis has determined that there is a reasonable potential for the facility to cause exceedances of the water quality standard for chlorine outside of the designated mixing zone. To address these issues, the Department has included new requirements prohibiting discharges during the months of July through September, limiting the discharge of chlorine, and requiring additional monitoring of the ammonia content in the effluent.

DEQ is also proposing to approve a revised Biosolids Management Plan. After treatment necessary to comply with vector attraction and pathogen reduction requirements, the Class B biosolids are beneficially land applied on sites in Coos County.

Permit type: NPDES

Permit expiration: December 31, 2009

What are the special conditions of this permit?

The proposed permit includes eight special conditions. 1) A condition requiring the permittee to manage the land application of biosolids in accordance with the approved biosolids management plan. 2) A condition recognizing that the permit may be modified to include more stringent biosolids management requirements, if necessary. 3) A condition requiring the permittee to comply with the rules concerning the use of reclaimed water and the Reclaimed Water Use Plan approved by the Department. 4) A condition that requires the permittee to keep a cover crop on the irrigation site. 5) A condition that the permittee must have the facilities supervised by personnel certified by the Department in the operation of treatment and/or collection systems. 6) A condition requiring the permittee to notify the Department’s Western Region-Coos Bay Office of any malfunctions so that corrective action can be coordinated. 7) A condition requiring the development and implementation of a contingency plan for the prevention and handling of spills and unplanned discharges. 8) A condition in requiring proper operation and maintenance of groundwater monitoring wells. This condition also specifies procedures for abandoning old wells and installation of new wells.

Compliance history:

This facility was last inspected November 23, 2004 and was found to be operating in compliance.

The monitoring reports for this facility were reviewed for the period since the current permit was issued, including any actions taken relating to effluent violations. The permit compliance conditions were reviewed and all inspection reports for the same period were reviewed. Based on this review, the following violations have been documented at this facility during the term of the current permit.

Date of Violation	Type of Enforcement Action	Description of Violation
6/10/1994	Class 1 NON	Failure to submit a reclaimed water use plan.
1/18/1995	Class 2	Exceeding Fecal

	NON	coliform effluent limitation.
3/26/1999	Class 3 NON	Exceeding BOD effluent limitation.
10/29/1999	Class 2 NON	Exceeding BOD effluent limitation.
12/15/1999	Class 2 NON	Exceeding BOD effluent limitation.
12/15/1999	Class 2 NON	Extending common sewer without prior approval.
1/18/2000	Class 2 NON	Exceeding BOD effluent limitation.
6/8/2000	Class 2 NON	permit violations; ph limitations.
7/6/2000	Class 2 NON	Exceeding BOD effluent limitation.
8/14/2000	Class 2 NON	Exceeding BOD effluent limitation.
9/5/2000	Class 2 NON	Exceeding BOD effluent limitation.
11/6/2000	Class 2 NON	Exceeding BOD effluent limitation.
1/3/2001	Class 2 NON	Exceeding BOD effluent limitation.
2/22/2001	Class 2 NON	Exceeding BOD effluent limitation.
3/12/2001	Class 2 NON	Exceeding BOD effluent limitation.
8/9/2001	Class 2 NON	Exceeding BOD effluent limitation.
9/14/2001	Class 2 NON	Exceeding BOD effluent limitation.
10/8/2001	Class 2 NON	Exceeding BOD effluent limitation.
1/23/2002	Class 2 NON	Exceeding BOD effluent limitation.
3/23/2002	Class 2 NON	Exceeding BOD effluent limitation.
4/9/2002	Class 2 NON	Exceeding BOD effluent limitation.

Because of the above listed violations, the Department issued two Notices of Permit Violations (June 28, 1994 and June 28, 2000). Because of continued noncompliance, the Department and the City entered into a Mutual Agreement and Order (MAO) on October 2, 2002. This MAO establishes a compliance schedule for upgrading the wastewater treatment system and interim effluent limitations. The City has been in compliance with the interim effluent limitation since issuance.

Who is affected?

Property owners and residents in the vicinity of the facility. Downstream users of Tenmile Creek below river mile 4.8, including Spinreel Campground.

What other DEQ permits are required?

None.

What legal requirements apply?

The NPDES permit is required in accordance with ORS 468B.050 and the federal Clean Water Act in order to discharge treated wastewater to public waters.

What discretionary decisions did DEQ use in deciding to issue the permit?

DEQ uses discretion when performing reasonable potential analysis and in determination of the water quality impacts on Tenmile Creek. DEQ also uses discretion when establishing compliance schedules and in enforcement actions.

What happens next?

DEQ will review and consider all comments received during the comment period. Following this review, DEQ may issue the permit as proposed or modified, or deny the permit.

DEQ will provide opportunity for a public hearing for interested persons to appear and submit written or oral comments on the proposed permit if prior to the close of this public notice period:

- The submitted comments indicate significant public interest, or
- Written requests from ten or more persons are received, or
- An organization representing at least ten persons requests a public hearing.

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 at (503) 229-5696 or toll free in Oregon at (800) 452-4011.

People with hearing impairments may call DEQ's TTY number, (503) 378-3684.

Which of the facility's activities are not under DEQ's jurisdiction?

Employee health and safety issues are regulated by the Occupational Safety and Health Administration (OSHA). Facility siting locations are under the jurisdiction of local zoning authorities. Associated building (excavation, grading, plumbing, and electrical) permits are the jurisdiction of local building authorities.

What similar activities take place in the vicinity of the facility?

The City of Reedsport and the Winchester Bay Sanitary District own and operate wastewater treatment facilities that discharge to the Umpqua River.

What other facilities does this owner operate?

None.

What are the known health effects or environmental impacts of the permitted substances stored, disposed of, discharged or emitted by the facility?

The impacts to the environment (mostly instream dissolved oxygen demand, solids deposition, and temperature) are likely minor due to the efficiency of the treatment facility. The Department is requiring additional monitoring requirements for temperature in the proposed permit to gain additional information regarding potential water quality impacts to the receiving stream. If the collected data from the additional monitoring suggests a reasonable potential for impacts to the receiving stream, the Department may re-open the proposed permit and require additional monitoring and permit limits.

How are the permitted substances measured?

Schedule B of the permit requires monitoring of various influent and effluent parameters at specified minimum frequencies. Monitoring must be performed in accordance with federal regulations (40 CFR Part 136) unless otherwise specified in the permit.