

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM WASTE DISCHARGE PERMIT

Modification #1



Oregon Department of Environmental Quality
Western Region – Salem Office
4026 Fairview Industrial Dr. SE,
Salem, OR 97302
Telephone: 503-378-8240

Issued pursuant to ORS 468B.050 and the federal Clean Water Act.

ISSUED TO:

City of Medford
411 West Eighth Street
Medford, Oregon 97501

SOURCES COVERED BY THIS PERMIT:

Type of Waste	Outfall Number	Outfall Location
Treated Wastewater	001	Latitude: 42.438009°N Longitude: 122.903894°W
<u>Recycled Water Reuse</u>	<u>002</u>	<u>Specified in Recycled Water Use Plan</u>
Biosolids	N/A	Specified in Biosolids Management/Land Application Plan

FACILITY LOCATION:

1100 Kirtland Road
Central Point, OR 97502
County: Jackson

EPA Permit Type: Major

RECEIVING STREAM INFORMATION:

WRD Basin: Rogue
USGS Sub-Basin: Middle Rogue
Receiving Stream Name: Rogue River
NHD Reach Code: 17100308003038-44.05%
LLID: 1244292424210-130.45

Modification in response to request received April 7, 2023. This permit is issued based on the land use findings in the permit record.

Ranei Nomura
Ranei Nomura (Mar 8, 2024 11:28 PST)

Ranei Nomura, Water Quality Manager,
Western Region

March 8, 2024
Issuance Date

March 11, 2024
Effective Date

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to: 1) operate a wastewater collection, treatment, control and disposal system; and 2) discharge treated wastewater to waters of the state only from the authorized discharge point or points in Schedule A in conformance with the requirements, limits, and conditions set forth in this permit.

Unless specifically authorized by this permit, by another NPDES or Water Pollution Control Facility permit, or by Oregon statute or administrative rule, any other direct or indirect discharge of pollutants to waters of the state is prohibited.

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CHANGE IN SCHEDULE A: WASTE DISCHARGE LIMITS

Insertion indicated in red underline.

5. Use of Recycled Water

The permittee is authorized to distribute recycled water if it is:

- a. Treated and used according to the criteria listed in Table A8.
- b. Managed in accordance with its DEQ-approved Recycled Water Use Plan unless exempt as provided in Schedule D.
- c. Used in a manner and applied at a rate that does not adversely affect groundwater quality.

Table A8: Recycled Water Limits

<u>Class</u>	<u>Level of Treatment</u>	<u>Beneficial Use</u>
<u>Nondisinfected Recycled Water</u>	<u>Nondisinfected recycled water</u> • <u>Oxidized Wastewater</u>	<u>Use for lagoon wastewater cap to prevent odor or nuisance conditions.</u>

CHANGE IN SCHEDULE B: MINIMUM MONITORING AND REPORTING REQUIREMENTS

Insertion indicated in red underline.

1. Reporting Requirements

The permittee must submit to DEQ monitoring results and reports as listed below.

Table B1: Reporting Requirements and Due Dates

Reporting Requirement	Frequency	Due Date (See note a.)	Report Form (See note b.)	Submit To:
Table B2, Table B3, and Table B4 Influent Monitoring, Effluent Monitoring, and Receiving Stream Monitoring	Monthly	By the 15th of the following month	Specified in Schedule B, Section 2 of this permit	Electronic reporting as directed by DEQ
Temperature Trading Annual Report (see Schedule D13)	Annually	Feb. 15	Electronic copy in the DEQ-approved format	Attached via electronic reporting as directed by DEQ
Inflow and Infiltration Report (see Schedule D1)	Annually	Feb. 15	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Biosolids Annual Report (see Schedule D5)	Annually	Feb. 19	Electronic copy in the DEQ-approved form	DEQ Biosolids Program Coordinator Via electronic reporting as directed by DEQ
Pretreatment Annual Report. (see Schedule E13)	Annually	Mar. 31	1 electronic copy and 1 hard copy in a DEQ approved format	• 1 Hard copy to DEQ Pretreatment Coordinator • 1 Electronic copy to Compliance Officer
Table B6: Copper Biotic Ligand Model and Aluminum Sampling Requirements	Monthly for 24 months, starting in Jan. 2023	By the 15th of the following month	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Table B7-B10: Effluent Toxics Characterization (See note c.)	Quarterly for each of the first 4 full quarters after permit effective date	By the 15 th of the month following each quarter	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ

Reporting Requirement	Frequency	Due Date (See note a.)	Report Form (See note b.)	Submit To:
Table B11: Free Cyanide Only	Quarterly for 2 years (starting Jan. 2023) if total cyanide detected during quarterly toxics characterization monitoring	With the first DMR submittal after receipt of the test results	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Table B12: WET Test Monitoring	Annually in 2021, 2022, 2023, and 2024	With the first DMR submittal after receipt of the test results	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Copper Biotic Ligand Model and Aluminum Sampling and Analyses Plan (see Schedule D9)	One time	Submit by Sep. 15, 2022	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Causal Analysis/Diagnosis Decision Information System Method for Stressor Analysis (see Schedule D11)	One time	Submit by Jan. 15, 2023	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Mercury Minimization Plan (see Schedule A4)	One time	Submit by Sep. 15, 2023	One electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Outfall Inspection Report (see Schedule D10)	Once per permit cycle	Submit by Sep. 15, 2024	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Stressor Analysis Report (see Schedule D11) (See note d.)	One time	Submit by: Sep. 15, 2025	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
Rogue River Ambient Monitoring Plan (see Schedule D12)	One time	Submit by Sep 15, 2025	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ
<u>Recycled Water Annual Report</u> (see Schedule D3)	<u>Annually</u>	<u>January 15</u>	<u>Electronic copy in a DEQ-approved format</u>	<u>Attached via electronic reporting as directed by DEQ</u> <u>Electronic copy to DEQ Water Reuse Program Coordinator</u>
Mercury Minimization Plan Update (see Schedule A4)	One time	Submit with renewal application	Electronic copy in a DEQ-approved format	Attached via electronic reporting as directed by DEQ

Reporting Requirement	Frequency	Due Date (See note a.)	Report Form (See note b.)	Submit To:
Notes: a. For submittals that are provided to DEQ by mail, the postmarked date must not be later than the due date. b. All reporting requirements are to be submitted in a DEQ-approved format, unless otherwise specified in writing. c. Quarters are defined as: Q1: January – March, Q2: April – June, Q3: July – September, Q4: October – December. If no discharge occurs during the quarter, continue sampling quarterly until 4 sets of samples have been collected. WET tests and toxics characterization testing must be collected on the same day. d. Documentation explaining the data and analysis of any values calculated in R-script, markdown or python equivalent must be submitted.				

11. Recycled Water Monitoring Requirements: Outfall 002

The permittee must monitor recycled water for Outfall 002 as listed below. The samples must be representative of the recycled water delivered for beneficial reuse at a location identified in the Recycled Water Use Plan.

Table B15: Recycled Water Monitoring

<u>Item or Parameter</u>	<u>Units</u>	<u>Time Period</u>	<u>Minimum Frequency</u>	<u>Sample Type/ Required Action</u>	<u>Report (See note a.)</u>
<u>Total flow (50050)</u>	<u>MGD</u>	<u>Year-Round</u>	<u>Daily</u>	<u>Measure</u>	<u>Monthly Total</u>
<u>Note:</u> a. <u>All data collected should be included in the Recycled Water Annual Report.</u>					

CHANGE IN SCHEDULE D: SPECIAL CONDITIONS

Deletion indicated in red strikethrough. Insertion indicated in red underline.

3. Recycled Water Use Plan

~~In order to distribute recycled water, the permittee must develop and maintain a DEQ approved Recycled Water Use Plan meeting the requirements in OAR 340-055-0025. The permittee must submit this plan or any significant modifications to DEQ for review and approval with sufficient time to clear DEQ review and a public notice period prior to distribution of recycled water. The permittee is prohibited from distributing recycled water prior to receipt of written approval of its Recycled Water Use Plan from DEQ. The permittee must keep the plan updated. All plan revisions require written authorization from DEQ and are effective upon permittee's receipt of DEQ written approval. No significant modifications can be made to a plan for an administratively extended permit (after the permit expiration date). Conditions in the plan are enforceable requirements under this permit. DEQ will provide an opportunity for public review and comment on any significant plan modifications prior to approving or denying. Public review is not required for minor modifications, changes to utilization dates or changes in use within the recycled water class.~~

The permittee must update and maintain a DEQ-approved Recycled Water Use Plan meeting the requirements in OAR 340-055-0025. The permittee must submit this plan or any significant modifications to DEQ for review and approval with sufficient time to clear DEQ review and a public notice period prior to implementing changes to the recycled water program. The permittee must keep the plan updated. All plan revisions require written authorization from DEQ and are effective upon permittee's receipt of DEQ written approval. No significant modifications can be made to a plan for an administratively extended permit (after the permit expiration date). Conditions in the plan are enforceable requirements under this permit. DEQ will provide an opportunity for public review and comment on any significant plan modifications prior to approving or denying. Public review is not required for minor modifications, changes to utilization dates or changes in use within the recycled water class.

- a. Recycled Water Annual Report – The permittee must submit a recycled water annual report by the date specified in Table B1: Reporting Requirements and Due Dates. The permittee must use DEQ-approved recycled water annual report form. This report must include the monitoring data required under Schedule B.