



City of Coburg ETLL Reduction Plan 2026

This plan outlines the City of Coburg Water Reclamation Facility (WRF) operational plan to reduce Excess Thermal Load Limit (ETLL) and prevent exceedances during the 2026 irrigation season. The plan includes operational, monitoring, and coordination measures intended to comply with Oregon DEQ requirements.

Proposed Actions for Spring and Summer of 2026

1. Biosolids Basin Drawdown: The WRF will lower the biosolids basin to allow approximately two days of effluent storage. The stored liquid will be treated through headworks and discharged. Work will occur in May.
2. East Ditch Maintenance: The ditch, from West Ditch diversion to the outfall, will be cleared and cleaned in mid-May. Daily monitoring will occur during summer to support optimal conveyance and mixing conditions.
3. MCIP Coordination: The City will communicate daily with the Muddy Creek Irrigation Project (MCIP) at the start of the irrigation season and weekly thereafter to monitor the agreed upon goal of maintaining a flow increase from 1.3 cfs to 2.5 cfs for improved dilution and ETLL reduction.
4. Spare Cooling Well Pump: The City will purchase and install a spare cooling water well pump and motor to minimize downtime risk and ensure continuous cooling capacity.
5. Onsite Irrigation for Flow Reduction: Irrigation inside the facility's fenced compound will occur daily from late June through September. This is expected to reduce effluent discharge from approximately 0.170 MGD to 0.060 MGD.

Monitoring and Reporting

The City will implement enhanced monitoring for effluent temperature, flows, and receiving water conditions. Daily checks, calibration logs, and data verification procedures will be maintained. Monthly summaries will be prepared for internal review and future DEQ reporting.

Task List Schedule

- 1) April 6, 2026 - Order backup pump and motor for Cooling Water Well.
- 2) May 18 -21, 2026 - Biosolids Basin drawdown
- 3) June 1 - September 30, 2026 - East Ditch maintenance
- 4) June 15 – September 30, 2026 - Onsite (inside the compound of the WRF) irrigation
- 5) October 1st send memo to DEQ on status of plan.
- 6) Continuous - Monitoring of effluent flows, effluent temperature, and flows from MCIP in East Ditch

Developed and Submitted by:



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Date

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