



Wastewater System Capacity Analysis

Meeting Date	Staff Contact	Email
November 12, 2025	Adam Hanks, City Administrator Brian Harmon, Public Works Director	adam.hanks@coburgoregon.gov brian.harmon@coburgoregon.gov

SUMMARY AND REQUESTED COUNCIL ACTION

Staff is presenting a recently completed Wastewater Capacity Evaluation recently completed by Kennedy Jenks. The document is a technical analysis providing an estimate of available capacity of the City’s existing water reclamation facility (Wastewater Treatment Plant) to accommodate potential growth over a 20-year timeline (2025-2045).

Suggested Motion

No Motion – Presentation and Discussion

BACKGROUND

The analysis/evaluation provides staff and Council with an improved understanding of the ability of the existing wastewater plant to serve the anticipated residential, commercial and industrial growth within Coburg over the next 20 years. Of particular interest in this analysis was a scenario plan for the eventual development of the recently annexed 107 acres of industrial land to the east of Interstate 5.

The majority of the analysis contains technical calculations of projected flows with different weather assumptions and other critical operational variables that impact the maximum capacity of water treatment for the plant.

The summary and conclusions sections following the load/flow/unit capacity calculations provide an assessment of the conditions of the current equipment and systems and the estimated year in which each of the major processes reaches maximum capacity.

The most notable element in the analysis is in regards to the capacity/life cycle of the membrane filtration system currently in place, which is original to the system. The analysis indicates the membrane filtration is the component of the system that will need to be addressed and added to earliest in the 20 year evaluation horizon. While not unexpected to staff, it does assist in developing cost estimates and timing needs for capital planning in the relatively near term (3-5 years) in the wastewater fund.

RECOMMENDATION

N/A - Informational

BUDGET / FINANCIAL IMPACT

Staff will be presenting initial cost estimates and desired phasing timelines for the improvements noted in this assessment with the FY27 CIP that will be presented to Council in January of 2026.

The completed capacity evaluation/analysis was originally budgeted in the wastewater fund as a Facilities Plan Update of \$60,000. However, staff and the consultant (Kennedy Jenks) determined that a complete plan update was not necessary given the age of the plant and the prior plan, but that a capacity evaluation would be most useful in developing capital plans to ensure the plant's ability to meet the needs of the community as it continues to grow.

RELEVANT COUNCIL GOAL, CITY POLICY OR COMPREHENSIVE PLAN

IV. Our Utility Systems 2) Wastewater Facilities Plan

PUBLIC INVOLVEMENT

This evaluation supports the development of updates to the CIP which will be presented to Council and community in the coming months, as well as being included in the review and adoption of the FY Annual Budget through the annual Citizen's Budget Committee process.

NEXT STEPS

Projects based on this evaluation/analysis will be developed and included in the proposed FY27 CIP will be presented to Council at the January 27, 2026 Council work session and will formally be presented for approval via resolution at the February 10, 2026 Council business meeting.

ATTACHMENTS

1. City of Coburg Water Reclamation Facility – Wastewater Capacity Evaluation – August 27, 2025