

working for clean rivers



CBWTP WWCL and Hypochlorite Modifications

E11485

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ENVIRONMENTAL SERVICES
CITY OF PORTLAND

Mingus Mapps, Commissioner
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Brief Summary

- Overview
- Requirements
- Objectives
- Budget
- Schedule
- Questions



Overview

Columbia Boulevard Wastewater Treatment Plant

- Wet Weather Clarifiers
- Disinfection System



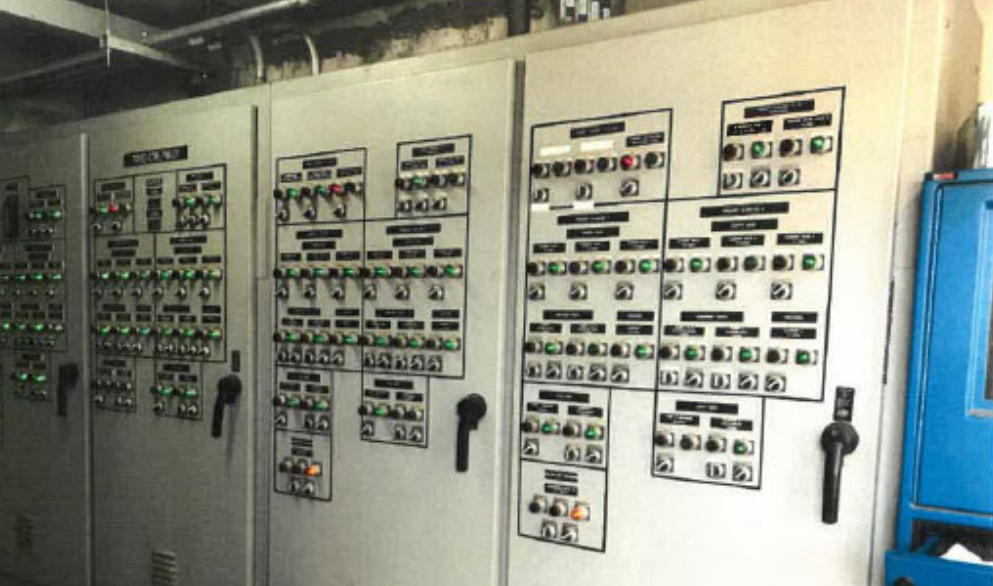


Objectives

- **Reduce asset failure risk**
- **Increase system resilience and extend service life**
- **Support operation and maintenance**

Requirements

Aged systems present a greater risk of failure



Requirements

Existing Sodium Hypochlorite System





Budget - Ordinance

Low-Bid Exemption: \$63M (-50%, +100%) CM/GC

- Perform complex, large wastewater treatment facility construction
- Maintain continuous, safety focused plant operations
- Deliver contractor input during the design process
 - Constructability
 - Sequencing
 - Packaging
- Reduce project risks and scheduling delays
- Advance goals of equity and inclusion in the construction industry



Next Steps

- **Report to Council on Guaranteed Maximum Price**
~ Summer 2026
- **Construction**
~ Fall 2026

A landscape photograph of a lake at sunset. The sky is a mix of orange and blue, with a mountain peak visible in the distance. The trees are silhouetted against the sky, and their reflections are visible in the water. The image is split into two vertical panels: the left panel is a faded version of the same scene, and the right panel is the original, more vibrant scene.

Questions

Thank you!