



Reliable, expandable sewer service is essential to our economy and the health of our communities and environment.

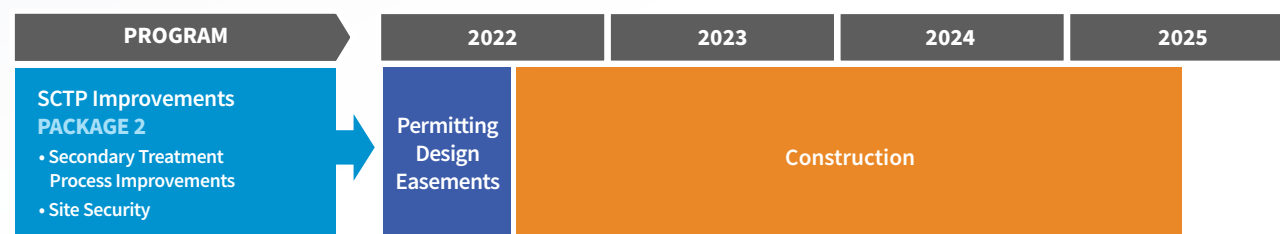
Funding

Planning, design and construction costs for the project are included in the Alliance's Capital Plan and budget, which include funding for all long-range planning projects such as this one. In total, the project is anticipated to cost approximately \$20 million. Those costs are allocated to the Alliance partners that share ownership of the facility – the City of Battle Ground and the Clark Regional Wastewater District.

The Alliance applied for and was awarded a Public Works Board (PWB) loan for \$10 million. The proceeds will fund a portion of this project. Approximately 65 agencies applied for funding, with awards going to 39 agencies, totaling \$120 million. The Alliance application finished in 9th place, and this is the second successful PWB loan submission in three years. The funds will be repaid over 20 years at a maximum interest rate of 0.94%, reducing the long term financing cost of the project.

Project Timeline

Construction is underway on the Secondary Treatment Process Improvements, which includes building a new secondary clarifier and aeration basin, improvements to mechanical pumping systems, and a new perimeter fence for site security.



Stay Up to Date

Throughout the project, interested community members can follow progress and provide feedback through the Alliance website, www.discoverycwa.org.

For More Information

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Visit us online at www.discoverycwa.org



Salmon Creek Treatment Plant

Secondary Treatment Process Improvements

Fact Sheet – May 2023

The treatment plant is a vital part of the wastewater system – safeguarding public health, environmental quality, and our community's economic future. This project will provide for a planned increase in treatment capacity for the facility.

Project Overview

The Salmon Creek Wastewater Treatment Plant receives and treats approximately 8–10 million gallons of wastewater per day from homes and businesses. All wastewater received at the plant is treated to a high standard and conveyed and discharged into the Columbia River.

Secondary Treatment Process Improvements

As part of this project, the Alliance will expand the biological treatment process to increase the plant's treatment capacity from approximately 15 million gallons per day to 17.5 million gallons per day within the existing facility footprint. This will be accomplished by constructing a new Aeration Basin and Secondary Clarifier in the middle portion of the plant and an older structure will need to be demolished to make space for these new facilities. In addition to these new structures, improvements to several mechanical pumping and air supply systems will be made inside existing buildings.

About the Alliance

The Discovery Clean Water Alliance is a regional partnership made up of Clark County, Clark Regional Wastewater District, and the Cities of Battle Ground and Ridgefield. It was formed in 2013 to improve sewer service delivery to the partners' customer bases by leveraging existing resources, controlling future capital costs, and stabilizing rates. The Alliance brings operation and expansion of treatment and transmission services under joint ownership, allowing for shared decision-making between the partners and better long-term regional planning.

For more information about the Alliance, visit the website at: www.discoverycwa.org



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Salmon Creek Treatment Plant: Secondary Treatment Process Improvements

RAS Pumps

Two new return activated sludge (RAS) pumps will be added to support the new secondary clarifier. Existing pumps are aging and will be replaced to ensure continued efficient operation.

Larger Secondary Clarifier

A new 120 foot diameter secondary clarifier will be built to support the new aeration basin, providing more capacity for secondary treatment.

New Aeration Basin

A new aeration basin will be added to provide more capacity for adding oxygen to bacteria for treating and stabilizing the wastewater. The new basin will be built on the site of the existing secondary clarifier, which will be demolished.

Demolished Structure

Project benefits

The project will:

- Effectively expand wastewater capacity to meet planned growth within the community, consistent with the long-term master plan for the site.
- Increase plant capacity while reducing impact to the surrounding area and without increasing the overall footprint of the plant.
- Ensure continued reliable service at a stable, affordable rate.

New Blower

A fourth blower, a machine that provides air to the aeration basin, will be added in the existing blower building.

Planning for the Future

It's important to plan for the future. Our community expects dependable, affordable sewer services that are essential to our quality of life. Our personal health, the community's economic health, and the health of our rivers and environment depend in large part on treating the wastewater we all generate so that it can be returned safely to the environment. The regional wastewater system has already been expanded four times over the first 40 years of operation as our community grows and as regulatory requirements change. The regional wastewater system will continue to be updated about every 10 years, and this project represents the current planned investment in that overall longer-term program. Staying ahead of the reliability and resiliency needs is vitally important. By proactively planning now, the Alliance ensures that ample wastewater treatment facilities will be in place to continue to provide reliable service at an affordable cost well into our future.

