

# Discovery Clean Water Alliance Salmon Creek Treatment Plant Fourth Annual Open House Summary Report

## Public Outreach Overview

In June 2020, due to the ongoing COVID-19 situation and out of an abundance of caution for area neighbors, the Discovery Clean Water Alliance moved their annual open house online. The Alliance hosted the online open house from June 1, 2020 until June 21, 2020 to share information and hear feedback from area neighbors about the Salmon Creek Treatment Plant operations, odor control improvements, as well as other future improvements. Input was gathered from participants following the completion of virtual information stations.

## Outreach Methods

Community members were invited to attend the online open house via a postcard mailing sent to over 400 area residents on May 29. In addition, a save-the-date email was sent to the interested parties list on May 12, with a follow-up email on June 3. All emails and E-newsletters were sent out to the Alliance’s 54 subscribers.

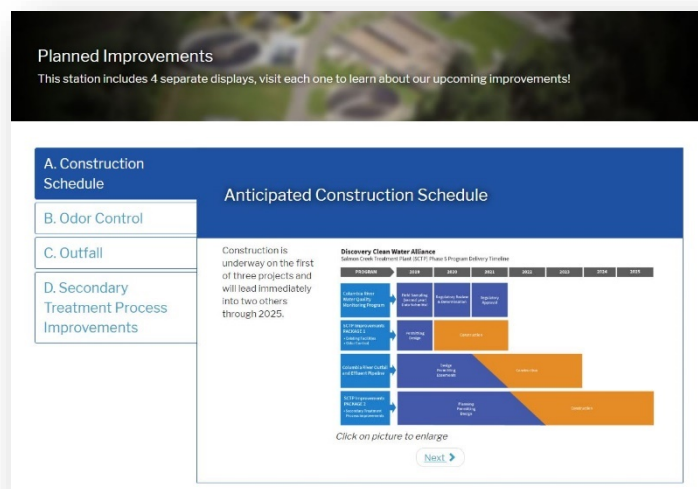
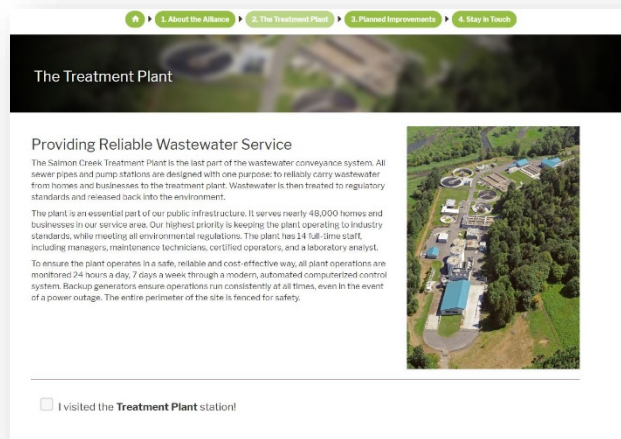
## Online Open House

The online open house for the Salmon Creek Treatment Plant was open Monday, June 1st through Sunday June 21st. There were 69 unique users that visited the site, and 24 of those visitors provided comments.

The online open house was organized into four information stations:

1. About the Alliance;
2. About the Treatment Plant;
3. Planned Improvements; and
4. Next Steps & Stay in Touch.

The “Planned Improvements” station included four sub-stations: Construction Schedule; Odor Control; Outfall; and Secondary Treatment Process Improvements. Participants were asked to check a box at each station and sub-station



to indicate that they had visited each station; and were offered an opportunity to provide feedback on the “Stay in Touch” station page. If participants virtually visited each station and provided their info at the end of the online open house, they were given a choice of an appreciation gift, which included either a canvas tote bag, a plush salmon, or a water tumbler, to be sent to their address.

## Summary of Public Input

### Overall

In general, those that visited the online open house were happy to be able to access the information and receive updates from the Alliance. The nature of the comments was positive, overall, with many participants requesting more information or asking clarifying questions. Along with the largely positive feedback, there were requests by neighbors for more or continued updates on the projects. While open house participants expressed gratitude for the information provided on all of the projects, they seemed particularly interested in getting more information about the Odor Control project and its timeline. A catalog of frequently asked questions can be found here:

[https://www.discoverycwa.org/docs/DCWA\\_Odor\\_Control\\_FAQ\\_0720.pdf](https://www.discoverycwa.org/docs/DCWA_Odor_Control_FAQ_0720.pdf)

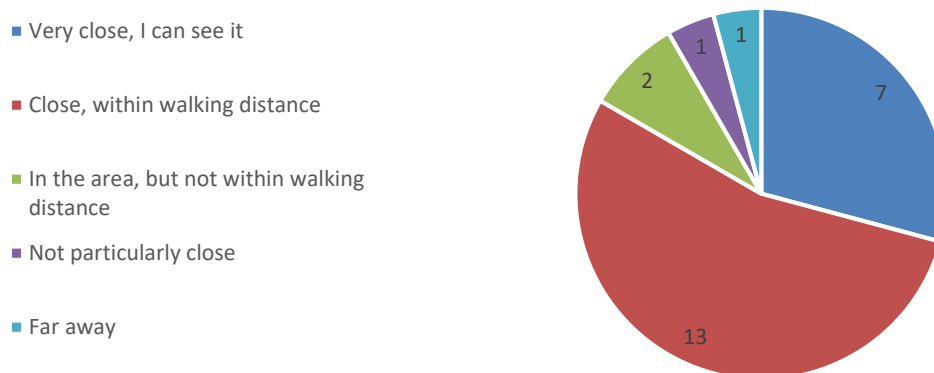
Of the 14 comments received, most focused on:

- Showing appreciation for communications efforts and keeping the public informed (Six comments)
- Showing appreciation for efforts put forth toward treatment operations (Five comments)
- No comments or questions at this time (Two comments)
- The stormwater system in the area and how it performed during a recent rainstorm (One comment)

Of the eight questions received, most focused on:

- Odor control (Four questions)
- Capacity expansion (One comment)
- Bio-filtrations silos (One comment)
- Gate location (One comment)
- Plans for tract of land recently purchased near the facility (One comment)

Along with being asked to provide their gift choice and contact information, participants were also asked where they live in relationship to the treatment plant. Most indicated they live near the treatment plant:




# Appendix B – Online Open House Stations

## Welcome Station

## Station 1: About the Alliance

# Station 2: The Treatment Plant



Discovery Clean Water Alliance  
Salmon Creek Treatment Plant Online Open House

Menu

1. About the Alliance
2. The Treatment Plant
3. Planned Improvements
4. Stay in Touch


## The Treatment Plant

### Providing Reliable Wastewater Service

The Salmon Creek Treatment Plant is the last part of the wastewater conveyance system. All sewer pipes and pump stations are designed with one purpose: to reliably carry wastewater from homes and businesses to the treatment plant. Wastewater is then treated to regulatory standards and released back into the environment.

The plant is an essential part of our public infrastructure. It serves nearly 48,000 homes and businesses in our service area. Our highest priority is keeping the plant operating to industry standards, while meeting all environmental regulations. The plant has 14 full-time staff, including managers, maintenance technicians, certified operators, and a laboratory analyst.

To ensure the plant operates in a safe, reliable and cost-effective way, all plant operations are monitored 24 hours a day, 7 days a week through a modern, automated computerized control system. Backup generators ensure operations run consistently at all times, even in the event of a power outage. The entire perimeter of the site is fenced for safety.




I visited the **Treatment Plant** station!

Next: Planned Improvements >

60% Complete

# Station 3: Planned Improvements

## Substation A: Construction Schedule



Discovery Clean Water Alliance  
Salmon Creek Treatment Plant Online Open House

Menu

1. About the Alliance
2. The Treatment Plant
3. Planned Improvements
4. Stay in Touch

## Planned Improvements

This station includes 4 separate displays, visit each one to learn about our upcoming improvements!

A. Construction Schedule

B. Odor Control

C. Outfall

D. Secondary Treatment Process Improvements

### Anticipated Construction Schedule

Construction is underway on the first of three projects and will lead immediately into two others through 2025.

**Discovery Clean Water Alliance**  
Salmon Creek Treatment Plant (SCTP) Phase 5 Program Delivery Timeline

PROGRAM	2019	2020	2021	2022	2023	2024	2025
Columbia River Water Quality Monitoring Program	Field Sampling (annual) Data Submittal	Regulatory Review & Determination	Regulatory Approval				
SCTP Improvements PACKAGE 1 - Existing Facilities - Odor Control	Permitting Design	Construction					
Columbia River Outfall and Effluent Pipeline	Design	Permitting	Exemptions	Construction			
SCTP Improvements PACKAGE 2 - Secondary Treatment Process Improvements	Planning	Permitting	Design	Construction			

Click on picture to enlarge

Next >

80% Complete



# Substation B: Odor Control

**Planned Improvements**  
This station includes 4 separate displays, visit each one to learn about our upcoming improvements!

- A. Construction Schedule
- B. Odor Control**
- C. Outfall
- D. Secondary Treatment Process Improvements

### Odor Control

Although our operators take great care in minimizing odors by varying the treatment processes based on and according to facility weather, some odors do occur as a result of regular operations. We are exploring this improvement project to eliminate about 90-95% of the odors nearby neighbors may experience currently.

Designs have been completed and funding has been secured for the Odor Control project thanks to a loan from Washington State. A bond contract for Tupper Underground was selected that spring and construction is underway.



### New Biotrickling Filters and Carbon Adsorbers

The project includes installing new odor control systems at the front and back ends of the plant. On the front end, new **biotrickling filters** will treat air from the preliminary treatment aeration treatment process. In order to help collect the air for treatment, new aluminum air blowers will be added over the Primary Clarifiers. On the back end, new **carbon adsorbers** will treat air collected from the solids treatment process. These methods have proven very effective in reducing odors, and the technologies were selected to specifically treat odors generated at each end of the facility.

### Construction Activities and Impacts

Construction will occur for the hours of 7:00 a.m. to 7:00 p.m., Monday through Friday. However, some evening and weekend work may be required. Contractor vehicle access to the Plant will occur on NW McCann Road.

Please remember to remain a safe distance from the treatment plant access during construction. It is an active industrial site. If you have questions or concerns, please contact Thomas Latta, Alliance Construction Program Manager, (360) 593-8839.




Click on pictures to enlarge.

I visited the Odor Control station


# Substation C: Outfall

**Planned Improvements**  
This station includes 4 separate displays, visit each one to learn about our upcoming improvements!

- A. Construction Schedule
- B. Odor Control**
- C. Outfall**
- D. Secondary Treatment Process Improvements

### Outfall Effluent Pipeline

This project builds on decades of planning to ensure we can meet the region's long-term wastewater treatment needs and continue to improve water quality, environmental quality and our communities' economic future. The project will upgrade the transmission pipeline system to a new, 48-inch pipeline that will carry effluent from the Salmon Creek Wastewater Treatment Plant to the Columbia River and improve water quality in the Columbia River.

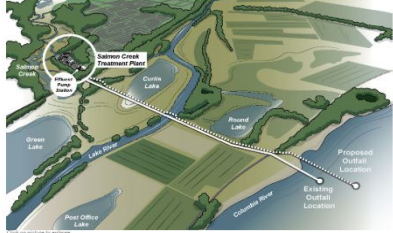


### Construction Activities and Impacts

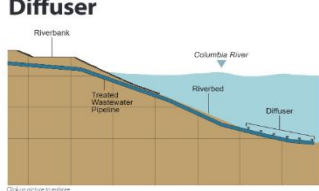
Design and permitting for the project is currently underway, with construction anticipated to begin in either 2023 or 2022, depending on permit approval. Special care is being taken to make sure that construction, installation and operation of the replacement effluent pipeline and outfall will be environmentally sound, cost-effective, locally responsible, and address neighbor and stakeholder concerns. The new pipeline will require minimal energy and maintenance to operate. The existing pipeline will be retained to facilitate continuous treatment plant operation during the transition and future maintenance.

### Benefits

- Ensure continued reliable service at a stable, affordable rate by planning for the long term and coordinating with other projects.
- Support planned growth within the community.
- Reduce irregular surging and dilution of treated wastewater discharges into the Columbia River.
- Manage shoreline stability at the discharge point.
- Enable future decommissioning of Ripley's aging wastewater treatment plant and outfall into Lake River.



### Diffuser



Click on picture to enlarge.

# Substation D: Secondary Treatment Process Improvements

[1. About the Alliance](#)
[2. The Treatment Plant](#)
[3. Planned Improvements](#)
[4. Stay in Touch](#)

## Planned Improvements

This station includes 4 separate displays, visit each one to learn about our upcoming improvements!

A. Construction Schedule

B. Odor Control

C. Outfall

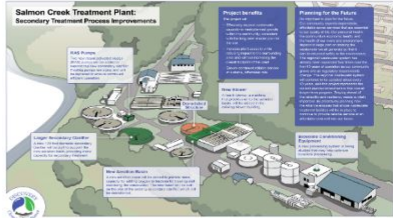
D. Secondary Treatment Process Improvements

### Secondary Treatment Process Improvements

This project will improve the plant's secondary treatment process by increasing its 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.

#### Construction Activities and Impacts

Construction on secondary treatment process improvements at the treatment plant will begin in 2022 or 2023, depending on permit approval. As construction continues on from the previous projects, you may notice more frequent traffic carrying in workers and materials, with levels varying based on the work planned for any particular day. Construction management staff will be on-site to ensure that the Contractor is in compliance with County standards for hours of operation and noise. More information will be made available as the project design is completed toward the end of 2021.




Click on picture to enlarge

I visited the **Secondary Treatment Process Improvements** station!

[Next: Stay in Touch](#) >

80% Complete

## Station 4: Stay in Touch



Discovery Clean Water Alliance  
Salmon Creek Treatment Plant Online Open House

Menu


[1. About the Alliance](#)
[2. The Treatment Plant](#)
[3. Planned Improvements](#)
[4. Stay in Touch](#)

## Stay in Touch

Thanks for taking an interest in the Salmon Creek Treatment Plant!  
*(This site is now closed to new comments, but you can always submit feedback through the Alliance website.)*

### Contact us


- Visit our website: [discoverycwa.org](http://discoverycwa.org)
- If you have questions or would like more information about construction:




**Thomas Lebo**, Alliance Construction Program Manager  
[\(360\) 993-8816](tel:3609938816)

If you visited and checked in on each of the previous pages and complete the following questions, we'd love to send you one of these free gifts!


Plush Salmon Gift




Tumbler Gift




Canvas Bag Gift




### Thanks from all of us at the Discovery Clean Water Alliance




**John Peterson**, General Manager  
Clark Regional Wastewater District  
[\(360\) 993-8819](tel:3609938819)



For questions or information related to operational issues, contact:  
**Travis Capson**, Clark County Wastewater Operations Manager  
Salmon Creek Wastewater Treatment Plant  
[\(564\) 397-1713](tel:5643971713)



To schedule tours for plant neighbors, school groups and other interested parties, contact:  
**Leanne Mattos**, Senior Administrative Assistant  
Clark Regional Wastewater District  
[\(360\) 993-8823](tel:3609938823)



For questions or information related to long-term planning and construction projects, contact:  
**Dale Lough**, Alliance Capital Program Manager  
Clark Regional Wastewater District  
[\(360\) 993-8856](tel:3609938856)

SCTP Open House Summary  
June 1 - 21, 2020

Page | 6

# Station 4 (Continued)

### Final Questions

What questions or comments do you have about the treatment plant? What do you want more information about?

Where do you live relative to the treatment plant? *(Check one.)*

- Very close, I can see it
- Close, within walking distance
- In the area, but not within walking distance
- Not particularly close
- Far away

If you visited and checked in on each of the previous pages, then we'd like to send you a gift for your time! What would you like? (We'll do our best to get you what you want, but we may need to make substitutions.) *(Check one.)*

- Canvas tote bag
- Plush Salmon
- Water tumbler

### Tell us about yourself

What is your name?  Name

Email (Optional - provide if you wish to be added to the interested parties list.)  Email Address

100% Complete