

Board of Directors Agenda Quarterly Meeting

Friday, September 19, 2025, 10:00 a.m.
Salmon Creek Treatment Plant Meeting Room, 15100 NW McCann Rd, Vancouver, WA 98685

NOTE: LOCATION CHANGE

The Board of Directors will be accepting public comment on published agenda items via <u>in-person</u> or <u>virtual</u> attendance during this meeting. Written comments may be submitted to <u>lmattos@crwwd.com</u> by 5:00 PM the day before the meeting. Comments will be compiled and sent to the Board of Directors.

Please join the meeting from your computer, tablet or smartphone:

https://meet.goto.com/DiscoveryCleanWaterAlliance/allianceboardofdirectorsmeeting

You can also dial in using your phone: (408) 650-3123; Access Code: 783-570-941

Regular Meeting

No	Item	Action/Info	Presenter	Time (minutes)
1.	Call To Order			
2.	Flag Salute			
3.	Late Additions to the Agenda			
4.	Public Comment This item is to provide an opportunity for citizen comment.	INFORMATION		5
5.	Consent Agenda a. Board of Directors Meeting Minutes of June 20, 2025 b. Audit of Accounts	ACTION		5
6.	Reports a. Treasurer Report – Budget Analysis b. General Sewer Plan / Phase 6 Engineering Report Update c. Administrative Lead Report – Phase 5 Expansion Program Celebration	INFORMATION	Logan Thomas Peterson	15 30 45

7. Adjourn Meeting

Next Meeting: Friday, December 19, 2025, 10:00 a.m., Regular Business Meeting

District Board Meeting Room, 8000 NE 52nd Court, Vancouver, WA 98665

The Board provides reasonable accommodations to persons with disabilities. Please contact a staff member (by noon Thursday) if we can be of assistance. If you should experience difficulty hearing the proceedings, please bring this to the attention of the Board by raising your hand.



Board of Directors Meeting Second Quarter 2025 MINUTES

Friday, June 20, 2025, 10:00 a.m.
In-Person / Remote Meeting via GoToMeeting
District Board Meeting Room. 8000 NE 52nd Court, Vancouver, WA 98665

Present: City of Battle Ground: Shane Bowman

Clark County: Sue Marshall
City of Ridgefield: Lee Wells

Clark Regional Wastewater District: Norm Harker

Staff: Clark Regional Wastewater District: John Peterson; City of Battle Ground: None; Clark County: None; City of Ridgefield: None.

Attendees: Clark Regional Wastewater District: Neil Kimsey, Denny Kiggins, David Logan, Matt Jenkins, Leanne Mattos, Kristen Thomas, Britny Carrier, Michaela Loveridge, Narissa Strong; City of Vancouver: Frank Dick; Clark County: Ken Lader; City of Battle Ground: Mark Herceg; Interested Citizens: Dan Clark, Leah Lothspeich, Bill Owen, Tim Keal; Foster Garvey Legal Counsel: None; Guest Speakers: None

Regular Business Meeting

Call to order:

Chair Bowman called the meeting to order at 10:00 a.m.

- Late Additions/Deletions to the Agenda None.
- 2. Public Comment

None.

3. Consent Agenda

Action:

Norm Harker moved, seconded by Lee Wells, to approve the Consent Agenda, approving the March 14, 2025 meeting minutes; ratifying claim warrants #10722-10724 & ACH transactions in the amount of \$1,300,419.21 for March 2025, claim warrants #10725-10727 & ACH transactions in the amount of \$1,167,501.58 for April 2025, and claim warrants #10728-10731 & ACH transactions in the amount of \$3,838,942.72 for May 2025; and approving Authorization to Change Location of September Regular Board Meeting. Motion carried unanimously.

4. Board of Directors Officer Elections

John Peterson reviewed the Staff Report and Alliance election process.

Norm Harker moved, seconded by Sue Marshall, to elect Shane Bowman as the Discovery Clean Water Alliance Board of Directors Chair. Motion carried unanimously.

Shane Bowman moved, seconded by Norm Harker, to elect Lee Wells as Vice Chair. Motion carried unanimously.

Shane Bowman moved, seconded by Norm Harker, to elect Sue Marshall as Secretary. Motion carried unanimously.

5. Operator Report – First Quarter 2025

Matt Jenkins presented the Operator Report covering the Salmon Creek Treatment Plant (SCTP), Ridgefield Treatment Plant (RTP), and the Alliance Transmission System operations and treatment performance through March 31, 2025. He noted that SCTP and RTP treatment performance was stable throughout the first quarter of the year, and that all NPDES permit limits were met.

Mr. Jenkins provided an update outlining the ongoing maintenance accomplishments and priorities at SCTP and RTP, as well as the operations and maintenance of the Alliance Transmission System.

A discussion took place regarding the biosolids hauling program, where there will be significant program savings anticipated (\$94k) through maximizing "dry season" hauling to Lewis County in 2025.

6. Capital Program Report – First Quarter 2025

John Peterson presented a Capital Program Update, explaining the dynamic program environment during the GMA planning updates, development of the asset management program, and responding to a variety of marketplace disruptions. He provided updates on the CIP Program, Repair and Replacement Program, as well as the Building Systems and Annual R&R Programs. He explained that updated costs for these programs will be presented at the September Board of Directors Meeting for review, in the form of a budget analysis.

A discussion regarding the SCTP UV System Replacement Update project was held, where Mr. Peterson explained the challenges in the EPA BABA waiver application process. Following discussions of the risks involved in continuing to pursue the BABA waiver (Option 1), compared to the option of looking into the potential of purchasing equipment from the future new Trojan facility in Grand Rapids, MI (which would resolve the BABA waiver challenges as well as tariff risk), the project team presented their recommendation to pursue Option 2, as it presents the least risk and most predictable outcome. The Board concurred with moving forward with exploring Option 2, if required, while staff await updates on the progress of the BABA waiver request.

7. Treasurer Report – First Quarter 2025

David Logan presented the First Quarter 2025 Financial Report reflecting the results from operations for all funds, as well as cash and investment balances as of March 31, 2025.

Mr. Logan reported on the successful 2024 Annual Comprehensive Financial Report (ACFR) and State Auditor's Office (SAO) Audit. Mr. Logan also noted the next important dates for the 2025-2026 Operating & Capital Budget Amendment.

8. Regulatory Compliance Program Report

Kristen Thomas presented an update on the Industrial Pretreatment program, the Washington Wastewater-Based Epidemiology project, PFAS Federal and State legislation and regulation, and the status of various permit updates.

She briefly discussed the draft permit issued by Ecology for the Ridgefield Treatment Plant, which includes proposed new limits on the temperature of effluent; this would require additional monitoring and compliance efforts. The Alliance submitted comments in May, which are attached to the staff report.

Ms. Thomas also provided an update on the progress of the General Sewer Plan update and Phase 6 Engineering Report work.

9. Administrative Lead Report

John Peterson presented the Administrative Lead report, highlighting the following items, which were included in the agenda packet:

- 1) Federal & State Advocacy Update Mr. Peterson reported on the status of the bills being tracked this congress and also provided an update on the Federal and State funding request efforts underway.
- 2) Communications Program Update Mr. Peterson shared information about the ongoing efforts to keep the public, state and federal elected officials and offices, and Member agencies, updated on the work of the Alliance.

The meeting was adjourned at 11:53 a.m.

Prepared and edited by Alliance Administrative Lead staff. Approved by the Discovery Clean Water Alliance Board of Directors on:
September 19, 2025
Secretary

Accounts Payable

Blanket Voucher Approval Document



We, the undersigned Board of Directors of Discovery Clean Water Alliance, Clark County, Washington, do hereby certify that the merchandise and / or services hereinafter specified have been received and approved for payment in the amount of \$1,866,071.17 this 20th day of June 2025

	y of June 2025. APPROVED By David Logan at 12:37 pm, Jun 23, 2025		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Treasure	er	Director	
		Director	
		Director	
		Director	
Line	Claimant	Check No.	Amount
1	CFM STRATEGIC COMMUNICATIONS, INC	10732	5,000.00
2	CLARK REGIONAL WASTEWATER DISTRICT	ACH	1,372,946.06
3	DEPARTMENT OF COMMERCE	10733	482,368.43
4	FOSTER GARVEY PC	10734	1,611.50
5	STATE AUDITOR'S OFFICE	10735	4,145.18

Page Total:

\$1,866,071.17

Accounts Payable

Blanket Voucher Approval Document



We, the undersigned Board of Directors of Discovery Clean Water Alliance, Clark County, Washington, do hereby certify that the merchandise and / or services hereinafter specified have been received and approved for payment in the amount of \$1,942,885.48 this 25th day of July 2025

25th da	y of July 2025. OVED Logan at 9:27 am, Aug 26, 2025	and approved for payment in the amount of \$1,94	42,885.48 tnis
Treasur	er	Director	
		Director	
		Director	
		Director	
Line	Claimant	Check No.	Amount
1	ALLIANT INSURANCE SERVICES, INC	10736	7,838.23
2	CFM STRATEGIC COMMUNICATIONS, INC	10737	5,000.00
3	CLARK REGIONAL WASTEWATER DISTRICT	ACH	1,879,792.96
4	DEPARTMENT OF ECOLOGY	10738	33,012.42
5	DIGITAL ASSURANCE CERTIFICATION LLC	10739	3,000.00
6	FOSTER GARVEY PC	10740	10,197.50
7	GOVERNMENT PORTFOLIO ADVISORS	ACH	2,645.67
8	STATE AUDITOR'S OFFICE	10741	973.70
9	WATER & SEWER RISK MANAGEMENT POOL	10742	425.00
		Page Total:	\$1,942,885.48

Accounts Payable

Blanket Voucher Approval Document



We, the undersigned Board of Directors of Discovery Clean Water Alliance, Clark County, Washington, do hereby certify that the merchandise and / or services hereinafter specified have been received and approved for payment in the amount of \$1,654,598.28 this 22nd day of August 2025

APF	y of August 2025. PROVED avid Logan at 9:27 am, Aug 26, 2025		
Treasur		Director	
		Director	
		Director	<u></u>
		Director	
Line	Claimant	Check No.	Amoun
1	CFM STRATEGIC COMMUNICATIONS, INC	10743	5,000.00
2	CLARK REGIONAL WASTEWATER DISTRICT	ACH	1,646,074.33
3	DEPARTMENT OF ECOLOGY	10744	67.00
4	FOSTER GARVEY PC	10745	2,149.50
5	GOVERNMENT PORTFOLIO ADVISORS	ACH	607.45
6	US BANK	10746	700.00
		Page Total:	\$1,654,598.28



Staff Report

Board Meeting of September 19, 2025

6a. Treasurer Report - Second Quarter 2025

STAFF CONTACTS	PHONE	EMAIL
David Logan, Alliance Treasurer	360-993-8802	dlogan@crwwd.com

PURPOSE: The goal of the Treasurer Report is to provide a quarterly update of ongoing activities in the financial and treasury areas of responsibility for the Alliance.

Please see the attached presentation covering the following:

- Financial Management / Reporting Update
 - Second Quarter 2025 Financial Report
- Budget/Annual Report/Audit Update
 - o 2025/2026 Operating & Capital Budget / Regional Service Charges Analysis

ACTION REQUESTED: No specific action required. Please provide policy-level guidance for the various activities described in this report.

Discovery Clean Water Alliance

Treasurer Report



Treasurer Report



- Financial Management / Reporting Update
 - Second Quarter 2025 Financial Report
- Budget / Annual Report/Audit Update
 - 2025/2026 Operating & Capital Budget / Regional Service Charges Analysis



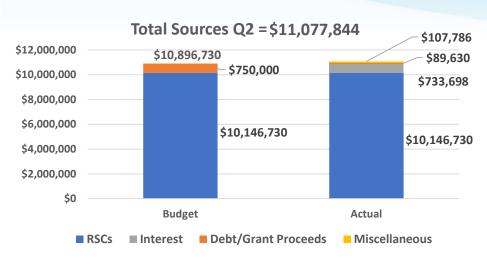
Financial Management/ Reporting Update



Second Quarter 2025 Financial Report

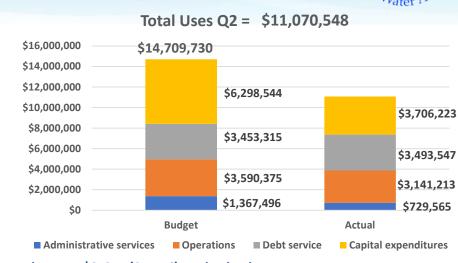
All Funds – Sources and Uses







- RSCs \$10.1M; 100.0% of budget
- Interest income \$0.7M*
- Debt/grant proceeds Budgeted \$3M EPA grant. Actual \$89k from previous PWB loan
- Miscellaneous income \$0.1M*; Insurance proceeds related to Building 10 Ceiling Repair



Total Uses - \$3.6M (24.7%) under budget

- Administrative services \$0.7M; under budget 46.6% due to unfilled Administrative Lead positions.
- Operations \$3.1M; 12.5% under budget
- Debt service \$3.5M; 1.2% over budget due to timing of debt service payments
- Capital \$3.7M; 41.2% under budget

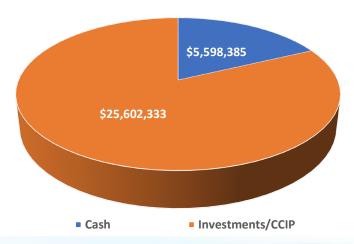
* Not formally budgeted

Second Quarter 2025 Financial Report



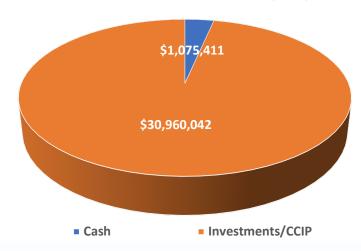






As of June 30, 2025

Total Cash and Investments = \$32,035,453



As of December 31, 2024



Budget / Annual Report / Audit Update



2025-2026 Budget & RSC Analysis Summary



		Expenses		Funding Source							
	Adopted	Amended		Carryover	Costs	Existing		Costs Paid		2025-2026	
	2025-2026	2025-2026	\$	(Previous	Deferred	2022 Bond	Cost	in Prior	Insurance /	/ RSC	
	Budget	Budget	Change	RSCs)	to 2027-2028	Proceeds	Savings	Period	Rebates	Adjustment	Total
Operating											
Administrative Services	\$ 5,470	\$ 5,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contract Operator	14,362	14,387	25	25	-	-	-	-	-	-	25
Capital											
Debt Service	13,813	13,813	-	-	-	-				-	-
Existing Assets R&R	16,805	15,762	(1,043)	405	(2,570)	1,569	-	(631)	184	-	(1,043)
New Assets Capital	8,389	6,889	(1,500)	3,227	(3,683)	260	(1,304)	-	-	-	(1,500)
Total Expenses	\$ 58,839	\$ 56,321	\$ (2,518)	\$ 3,657	\$ (6,253)	\$ 1,829	\$ (1,304)	\$ (631)	\$ 184	\$ -	\$ (2,518)

2025-2026 Budget Analysis Detail



- Administrative Lead: No anticipated changes.
- Contract Operator: Anticipate \$25k additional contracted Operations Technology (OT) Support and Operator & Engineering Support.
 - Represents a minor cost increase, not a new expenditure. No RSC impact; funds come from existing fund balance.
- Debt Service: No anticipated changes.

2025-2026 Budget Analysis Detail



- Existing Assets R&R: Costs decrease by \$1.0 million in the 2025-2026 biennium
 - Projects carried over from 2023-2024 biennium (\$0.4 million)
 - New projects/projects with cost or scope increases (\$1.8 million)
 - Project cost paid in prior period (-\$0.6 million)
 - Project costs deferred to 2027-2028 biennium (-\$2.6 million)
- New Assets Capital: Costs decrease by \$1.5 million in the 2025-2026 biennium
 - Projects carried over from 2023-2024 biennium (\$3.2 million)
 - New projects/projects with cost or scope increases (\$0.3 million)
 - Project cost savings (-\$1.3 million)
 - Project costs deferred to 2027-2028 biennium (-\$3.7 million)

Impacts to Existing 20-year Budget Forecast



- Due to cost increases in the R&R program, RSCs in future biennia would be impacted:
 - 2027-2028: Increase \$0.7 million
 - 2029-2030: Increase \$2.0 million
 - o 2031-2032: Decrease \$2.5 million
- Administrative Lead staff recommends packaging three R&R projects with the SCTP Phase 6 project and increasing the amount of the 2028 bond issuance by \$7.9 million to fund those projects.

Impacts to Existing 20-year Budget Forecast



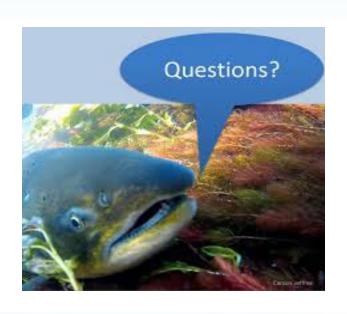
RSC Impacts for larger bond issuance:

	Regional Service Charges								
	Original 2027-2028	Updated 2027-2028	\$	Original 2029-2030	Updated 2029-2030	\$	Original 2031-2032	Updated 2031-2032	\$
	Forecast	Forecast	Change	Forecast	Forecast	Change	Forecast	Forecast	Change
Operating									
Administrative Services	\$ 5,849	\$ 5,849	\$ -	\$ 6,235	\$ 6,235	\$ -	\$ 6,646	\$ 6,646	\$ -
Contract Operator	15,240	15,240	-	16,325	16,325	-	17,488	17,488	-
Capital									
Debt Service	13,549	13,731	182	20,862	22,106	1,244	24,122	25,366	1,244
Existing Assets R&R	8,113	8,829	716	9,072	5,124	(3,948)	8,540	4,121	(4,419)
New Assets Capital	8,273	8,273	-	5,813	5,813	-	4,392	4,392	-
Total Expenses	\$ 51,024	\$ 51,922	\$ 897	\$ 58,306	\$ 55,603	\$ (2,704)	\$ 61,186	\$ 58,012	\$ (3,175)

- To fund the increase in the 2027-2028 biennium, the Alliance has three options that will be deliberated at a future date:
 - 1) Increase RSCs beyond current projections to accommodate the cost increases
 - 2) Funding members could fund the increase with a one-time cash infusion
 - 3) Draw down fund balance temporarily and pay back over the 2029-2032 period.

Treasurer Report





David Logan

Treasurer,
Discovery Clean Water Alliance

Finance Director, Clark Regional Wastewater District

(360) 993-8802 dlogan@crwwd.com



Staff Report

Board Meeting of September 19, 2025

6b. General Sewer Plan Update

STAFF CONTACTS	PHONE	EMAIL
Kristen Thomas, Regulatory Compliance Manager	360-993-8833	kthomas@crwwd.com

PURPOSE: This report provides a quarterly update for the Board of Directors on Administrative Lead (AL) activities related to the General Sewer Plan and Phase 6 Engineering Report efforts.

Please see the attached presentation covering the following:

- General Sewer Plan / Phase 6 Engineering Report Update
 - Flow/Load Projections
 - Battle Ground Transmission Options
 - o Liquids Treatment Update
 - o Biosolids Management Evaluation
 - Support Facilities
 - Other Supporting Elements
 - Community Values Survey
 - Decision Methodology

ACTION REQUESTED: No specific action required. Please provide policy-level guidance for the various activities described in this report.

Discovery Clean Water Alliance

General Sewer Plan / Phase 6 Engineering Report Update



General Sewer Plan / Phase 6 ER Update Agenda



- Flow/Load Projections
- Battle Ground Transmission Options
- Liquids Treatment Update
- Biosolids Management Evaluation
- Support Facilities
- Other Supporting Elements
 - Community Values Survey
 - Decision Methodology





Flow/Load Projections



Flow/Load Projections

- Informed by County Comprehensive Planning process and Battle Ground & District GSP models
- Delays in process impacting data availability and timeline

Work Completed:

Data collection, model calibration

Work in Process:

 Validate existing conditions (ongoing coordination with District & Battle Ground)

Work Upcoming:

- Define UGBs and finalize land use/zoning
- Future scenario modeling (inform timing and phasing of future Alliance projects)



Clark Co. Comp Plan Update

City Comp Plans: Ridgefield, Battle Ground, Vancouver

> General Sewer Plans: Battle Ground, District

Alliance General Sewer Plan



Battle Ground Transmission Options



Battle Ground Transmission Options

- Evaluating existing capacity of Battle Ground's EQ
 Basin and FM (aligned with City GSP update)
- Identify and analyze alternative transmission routes and confirm timing/phasing

Work in Process:

- Initial modeling of EQ Basin (Battle Ground GSP)
- Identifying/defining alternatives
- Developing/framing cost and capacity allocation frameworks for future discussion

Work upcoming:

- Determine if capacity is available in DCWTS
- Modeling projections for existing capacity and future potential scenarios



BG Transmission Conceptual Alternatives:





Liquids Treatment Update



Liquids Treatment Update

- SCTP site layout is already largely planned
- Evaluate equipment/processes and alternatives and confirm timing of upgrades

Work Completed:

Calibrated whole plant process model

Work in Process:

 Evaluating feasibility of septage receiving at Battle Ground operations facility (upcoming pilot study)

Work Upcoming:

- Future modeling of treatment unit processes pending completion of flow/load projections
- Determination of incremental capacity by phase







Biosolids Management Evaluation



Biosolids Management Evaluation

OSCOVERY Rean Water Alias

- Current Program (Class B land application) has reliably and costeffectively managed SCTP biosolids over the last 30 years
- Recent changes to Alliance program loss of local land application sites
- Evaluating current treatment technologies and marketability of end use products to inform future management options

Planning Considerations:

- Dynamic and uncertain regulatory environment
 - PFAS state, federal and legal processes
- Logistical challenges and limits of SCTP site
 - o Tight footprint bordering Salmon Creek and neighborhood
 - Residential location noise, traffic concerns
- Regional coordination City of Vancouver's solids planning process



Biosolids Management Evaluation



Work Completed:

- WWTP site tours (OR & WA) various treatment technologies and configurations
- Market assessment & regulatory review

Work in Process:

- Identifying alternatives for further evaluation
- Developing decision criteria

Work Upcoming:

- Evaluate alternatives
 - Decisions will inform digester gas utilization options





Support Facilities



Support Facilities



- Current facilities were designed/built in Phases 1, 2 and 3 with limited updates over the last 30 years
- Existing planning documents don't fully address future needs (parts/ equipment storage, vehicles, personnel, etc.)
- Some existing facilities will be removed to make room for treatment components in future phases

Work Completed:

• Site visits (CWS Durham, City of Wilsonville, OR) – new and remodeled spaces

Work in Process:

- Staffing evaluation and peer agency comparison
- Assess existing buildings and future space planning needs

Work Upcoming:

Review recommendations and evaluate options



Other Supporting Elements



Other Supporting Elements

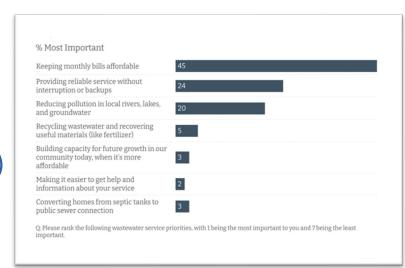


Stakeholder Engagement

- Community Values Survey
 - Completed May 2025
 - Results inform decision making criteria

Decision Methodology

- MODA (Multi-objective decision analysis)
 - Allows consideration of multiple factors
 - Cost and non-cost criteria considered separately





DISCOVERY CLEAN WATER ALLIANCE

Task 1.3 Community Values Survey
Alliance General Sewer Plan

JUNE 25, 2025



Background

- Community Value Survey in 2010 during Alliance formation
 - Values from 2010 Survey are basis for Alliance Core Values
- The General Sewer Plan is Alliance's first regional planning effort
 - Verification of Community Values to align decision process with community priorities
 - Evaluation criteria being developed that reflect Key input from survey.



METHODOLOGY

Survey of Clark County residents to inform General Sewer Plan.



Survey n=610 adults in Discovery Clean Water Alliance's district from May 27 - June 3, 2025.



Respondents were recruited via dynamic online sampling and text messages to obtain a sample reflective of the population.



Post-stratification performed on age, gender, race/ethnicity, education, and zip code.



The modeled margin of error is 4.5%



SAMPLE OVERVIEW



50% Women 49% Men

1% Neither of these



86% White

4% Hispanic or Latino/a

2% Asian / Pacific Islander

1% Black or African American

6% Other



16% 18-34 35% 35-49 26% 50-64 23% 65+



14% <\$50k 15% \$50-75k 14% \$75-100k 23% \$100-150k 25% >\$150k



79% Pay for wastewater services 18% On a septic system 3% Not sure



15% Battle Ground 85% Rest of district



KEY FINDINGS

Most wastewater customers believe their service is at least 'somewhat affordable', however around half of residents earning less than \$75k find their service unaffordable.

Residents want the sewer utility to prioritize affordability over all else, with reliability and environmental protection as secondary priorities.

• • • • •

While cost-sensitive, most Clark County residents support modest rate increases to fund specific wastewater service improvements. While all residents want their utility to be financially responsible, they're more divided on environmental protection and decisionmaking approaches.

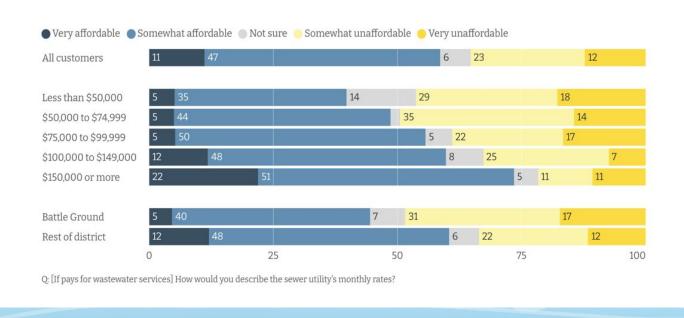
04

03

A majority of residents are willing to pay a few dollars more per month for various infrastructure improvements and greater environmental benefits.



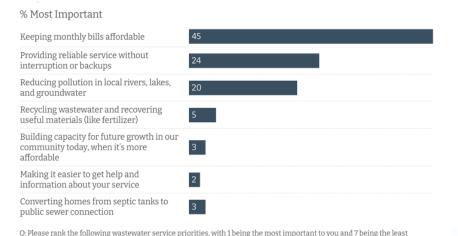
Affordability: Nearly 60% of all customers describe the monthly rate as affordable, but nearly half of customers in Battle Ground + those earning less than \$75k describe it as unaffordable.





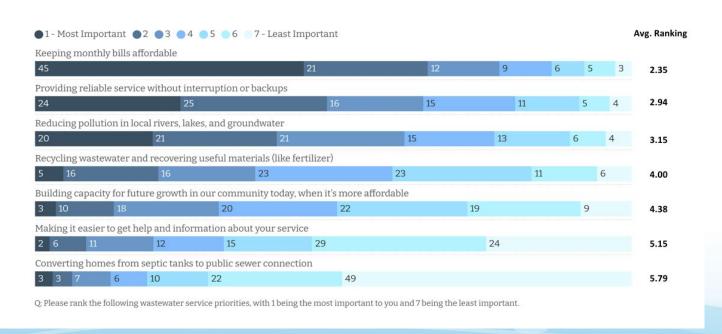
Top Priorities: Across all demographics and geographies, one priority rises above the rest - keeping services affordable.

Response % for #1 priority only.



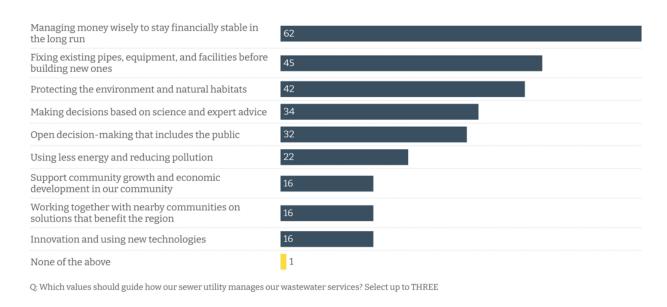


Service Priorities: Beyond keeping bills low, residents expect wastewater service to be reliable and protect water quality.



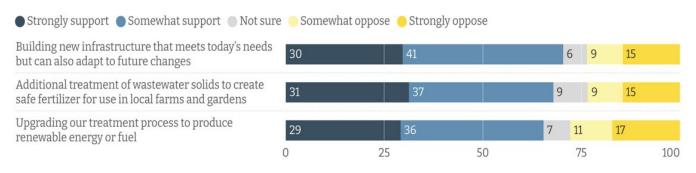


Guiding Principles: Residents want a sewer utility that's financially responsible, takes care of existing infrastructure, and protects the environment. % respondents choosing principle in TOP THREE choices





Despite an emphasis on affordability, a large majority of residents are willing to pay more each month to fund specific improvements.



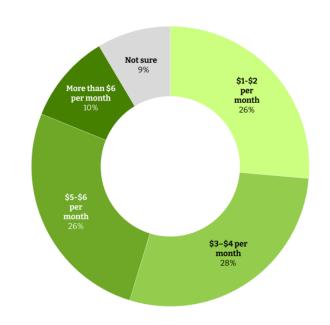
Q: Do you support or oppose a small increase in your wastewater bill to pay for the following improvements?



How much more customers would pay per month: A majority of residents are willing to pay \$1-5 per month for greater environmental benefits.

Per the previous slide, about 70% of customers are willing to pay more for specific improvements.

This is the breakdown of how MUCH they would be willing to pay (see prior slide for % support by specific improvement).



*Only asked of those who support paying more for environmental benefits



Core Values from 2010 Survey (by % agree/strongly agree)

- 1. Ensure reliable, predictable service for all customers 89%
- 2. Manage financial resources in a responsible, efficient, equitable manner 86%
- 3. Operate utility to protect public and environmental health and safety 82%
- 4. Optimize the use of existing facilities 80%
- 5. Maintain financial transparency **79%**
- 6. Use new technology to achieve system efficiency, environmental protection 77%
- 7. Provide fair, positive, secure work environment for future utility employees 71%
- 8. Ensure capacity to support regional land use, economic development 71%
- 9. Invest in capital improvements that create system-wide benefits 67%
- 10. Make business management decisions collaboratively with all partners 64%





Challenging today. Reinventing tomorrow.

Alliance General Sewer Plan

Decision Methodology Slides



General Sewer Plan – Charter Statement



Charter Statement

Discovery Clean Water Alliance General Sewer Plan (GSP) and Phase 6 Engineering Report



The Alliance GSP project team agrees to work together and deliver a project that:

- Achieves regional endorsement of key decisions, considering risks and affordability while reflecting partner agency and community values.
- Establishes clear pathway for transmission, liquids/solids treatment, and support facility needs delivered through phased expansion to the buildout condition.
- Invests in an adaptable approach that is flexible and responsive to regulatory needs.
- · Demonstrates teamwork and effectively engages participating stakeholders.
- Meets project schedule commitments for infrastructure capacity delivered ahead of demand, through effective, timely communication and decision making throughout the Project.



Jacobs





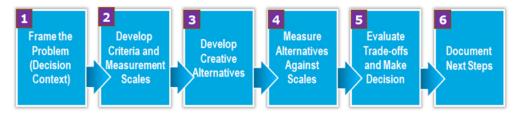






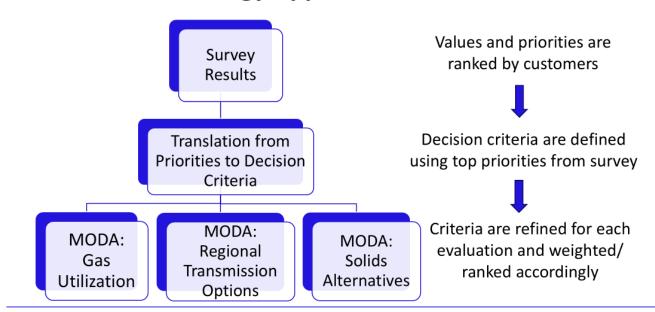
General Sewer Plan - Decision Methodology

- Decision Framework:
 - Multi-objective decision analysis (MODA)
 - Considers cost and non-cost factors separately
 - Allows for weighting of non-cost criteria
- Key decisions:
 - Biosolids management (treatment technologies and end use products)
 - Digester gas utilization
 - Regional Transmission (routes from Battle Ground to SCTP)





Decision Methodology Approach & Process



33



Community Value Survey - Top Wastewater Priorities

% Most Important

45 ** Keeping monthly bills affordable Providing reliable service without 24 interruption or backups Reducing pollution in local rivers, lakes, Environmental Protection -20 and groundwater tied to Regulatory Requirements Recycling wastewater and recovering Not likely to distinguish among options useful materials (like fertilizer) Building capacity for future growth in our community today, when it's more 3 Adaptability, Resiliency

affordable

Making it easier to get help and information about your service

Converting homes from septic tanks to public sewer connection

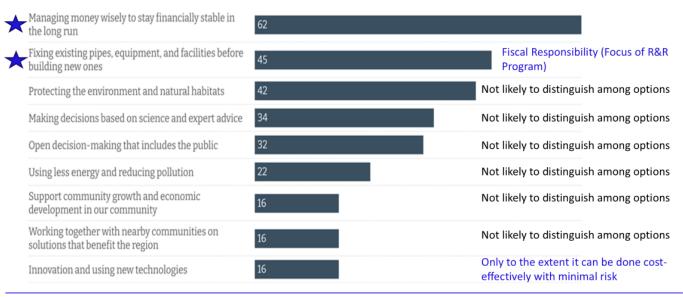
Adaptability, Resiliency

Not likely to distinguish among options

★= recommended for decision criteria development



Community Value Survey – Guiding Values of Utility



= recommended for decision criteria development



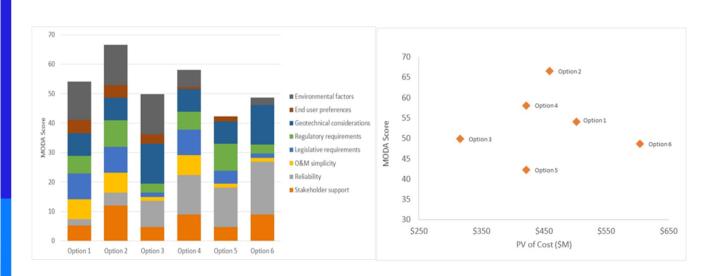
DRAFT Criteria for MODA Evaluation of Solids Treatment Alternatives

Criteria 1. Meet Regulatory Requirements 1.1 Adaptability to Meet Future Regulations 2. Provide Reliable Service 2.1 Provide Treatment System Reliability 2.2 Minimize Footprint 2.3 Produce High Quality Biosolids End Product 2.4 Minimize Operations and Maintenance Risk 2.5 Minimize Process Complexity 3. Protect the Environment 3.1 Protect the Environment 4. Minimize Community Impacts 4.1 Minimize Odor and Traffic Impacts Monetary Criterion: 20-year life cycle cost (capital + operation)

- Relative weight to be established for each noncost criterion and used to rank/compare options
- Cost is considered independently of other variables due to high importance/top priority
 - Financial outcome is its own criterion



Other Project Example: MODA Evaluation Results



Other Supporting Elements



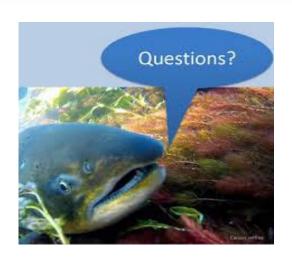
Additional Requirements:

- Staffing Evaluation
 - Ecology requirement
- Financial Review
 - Costs to ratepayers
 - Financing strategies
- Regulatory Compliance
 - Permitting approaches land use, shoreline, etc.
 - Other environmental regulations air, stormwater
 - SEPA Review



General Sewer Plan / Phase 6 ER Update





Kristen Thomas

Regulatory Compliance Manager Clark Regional Wastewater District

(360) 993-8833 kthomas@crwwd.com



Staff Report

Board Meeting of September 19, 2025

6c. Administrative Lead Report

STAFF CONTACTS	PHONE	EMAIL
John M. Peterson, P.E., Alliance Executive Director	360-993-8819	jpeterson@crwwd.com
Leanne Mattos, Board Clerk / Administrative Supervisor	360-993-8823	lmattos@crwwd.com

PURPOSE: The Alliance is a regional wastewater transmission and treatment utility now in its tenth year of operation. The Administrative Lead (AL) Report provides a quarterly update for the Board of Directors highlighting key efforts.

Please see the attached presentation covering the following topics:

- Phase 5 Expansion Program Celebration
 - o Salmon Creek Treatment Plant History of Partnership and Growth
 - Phase 5 Expansion Program
 - Thank You to Our Partners
 - o In Closing...
 - 2024 Outstanding Performance Award Ecology

Attachments:

Ecology 2024 Outstanding Performance Award

ACTION REQUESTED: No specific action required. Please provide policy-level guidance for the various activities described in this report.

Discovery Clean Water Alliance

Phase 5 Expansion Program Celebration



Agenda



- Salmon Creek Treatment Plant History of <u>Partnership</u> and <u>Growth</u>
- Phase 5 Expansion Program
- Thank You to Our Partners
- In Closing...
- 2024 Outstanding Performance Award Ecology



Salmon Creek Treatment Plant – History of Partnership and Growth



Salmon Creek Treatment Plant – History of <u>Partnership</u> and <u>Growth</u>



Community Context

- Primary "Regional" Treatment Plant in Clark County
- Serves Half of All Designated Growth Areas
- Five Phases of Expansion in 50 Years, More to Come...
- Continual Balance:
 - o Today's needs vs. future demand
 - Investment/costs vs. affordability
 - Changing regulatory landscape





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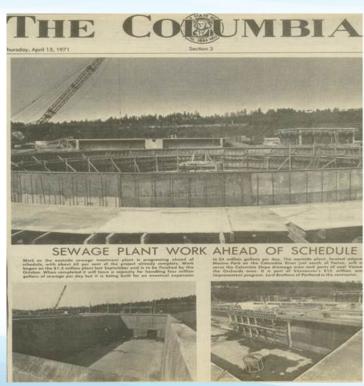


Salmon Creek Treatment Plant – History of <u>Partnership</u> and <u>Growth</u>



Brief History – 1970s

- Area north of Vancouver urbanizing
- Clean Water Act 1972
- Original facility 1975
 - 2.00 mgd capacity
- Partner Agencies
 - Clark County (owner/operator)
 - Clark County was also a retail sewer provider at this time
 - Clark Regional Wastewater District
 - Operated a small treatment lagoon in Hazel Dell





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Salmon Creek Treatment Plant – History of Partnership and Growth



Brief History – 1980s

- Growth pressures continue
- Phase 1 Expansion 1988
 - 3.10 mgd capacity
- Start Phase 2 Expansion
- Partner Agencies
 - Clark County (owner/operator)
 - Clark Regional Wastewater District









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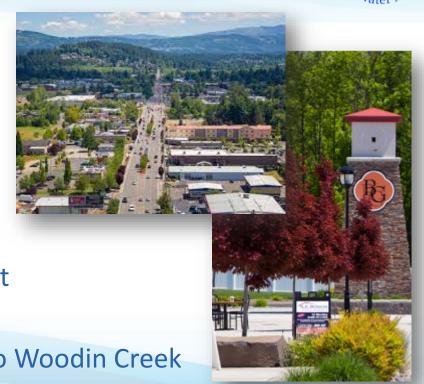


Salmon Creek Treatment Plant – History of <u>Partnership</u> and <u>Growth</u>



Brief History – 1990s

- Growth continues
- Phase 2 Expansion 1992
 - 5.63 mgd capacity
- Partner Agencies
 - Clark County (owner/operator)
 - Clark Regional Wastewater District
- Emerging Need Battle Ground
 - City treatment plant discharged to Woodin Creek
 - New regional solution needed for City



Salmon Creek Treatment Plant – History of Partnership and Growt

History of Partnership and Growth



- Structural Changes
 - Battle Ground joins regional partnership
 - Construct 9-mile Battle Ground Force Main 1993
 - Clark County transfers all retail service to District
- Legal Challenge Regarding Capacity Management
 - Consent Decree issued by Court
 - Capacity exceeded for 3 of 4 months = building moratorium
 - Response two-phase expansion
- Phase 3 "A" Expansion 1994/1995
 - 7.4 mgd capacity
 - Liquids only improvements
 - Additional solids hauled to other plants





Your Sewage Journey



Salmon Creek Treatment Plant – History of <u>Partnership</u> and <u>Growth</u>



Brief History – 1990s (cont'd)

- Phase 3 "B" Expansion (major investment) 1999
 - 10.30 mgd capacity
 - Solids capacity catch up/new format with dewatering
 - First regional General Facilities Charge (GFC) established
- Partner Agencies
 - Clark County (owner/operator)
 - Wastewater Management Advisory Board forum
 - Clark Regional Wastewater District
 - City of Battle Ground





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Brief History – 2000s

- Phase 4 Expansion
 - 14.95 mgd capacity
 - Major transmission system improvements
 - New 117th Street PS, remodel existing PS, odor systems
 - 8+ miles of regional pipelines constructed
- Project Challenge Permitting Pipelines in Salmon Creek Greenway
 - Response 117th Street PS/FM Route through County Roads
 - Higher capital and operating costs





Brief History – 2000s (cont'd)

- Partner Agencies
 - Clark County (owner/operator)
 - Clark Regional Wastewater District
 - City of Battle Ground
- Community Needs New Approach Explored
 - 2007 GMA Update/2007 "Sewer Summit"
 - o 2008 2010 Regional Study Process
 - Emerging Need Ridgefield
 - City treatment plant discharged to Lake River
 - Costs for existing City program would be prohibitive
 - New regional solution needed for City



Wastewater Management
Advisory Board
Sewer Summit

December 6, 2007



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Salmon Creek Treatment Plant – History of Partnership and Growth



Brief History – 2010s

- 2012 MOUs on New Direction
 - Alliance Regional Agency Model
 - Ridgefield Collection System Transfer to District
 - District Commitment to Build Discovery Corridor Wastewater Transmission System (DCWTS)
- Implementation
 - Alliance legal formation 2013
 - Ridgefield Transfers Collection System to District 2014
 - Alliance fully operational 2015
 - Assets transferred from CC, CoRF, CoBG to Alliance



Salmon Creek Treatment Plant –

History of Partnership and Growth

Brief History – 2010s (cont'd)

- Implementation (cont'd)
 - DCWTS Constructed 2015-2016
 - Ridgefield Treatment Operation Transfers to District in 2018
- Partner Agencies
 - Alliance (owner)
 - Clark County
 - Operator SCTP
 - Clark Regional Wastewater District
 - Administrative Lead
 - Operator RTP/pipelines
 - City of Battle Ground
 - City of Ridgefield







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Brief History – 2020s

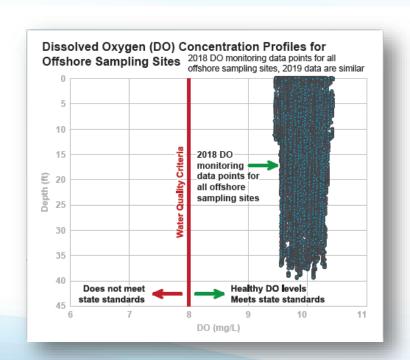
- Phase 5 Expansion 2025
 - 17.50 mgd plant capacity
 - Includes new Effluent
 Pipeline/Outfall Adequate
 for site buildout
- Project Challenges Permitting Outfall and Plant Expansion
 - Response Outfall permitting stuck during pandemic
 - Response outreach to federal offices





Brief History – 2020s (cont'd)

- Response Plant Expansion Delayed Due to Columbia River Impairment Status – Dissolved Oxygen
 - Identified 2017
 - WQ Studies 2018-2019
 - Result Submitted 2020
 - Ecology Approved 2021
 - EPA Approved 2022
- Clark County Request to Transition
 Operations 2021
 - Transfer Effective July 1, 2022
 - Rebuilding team, O&M programs over last three years



Or Water Alliano

Brief History – 2020s (cont'd)

- Partner Agencies
 - Alliance (owner)
 - Clark County
 - Clark Regional Wastewater District
 - Administrative Lead
 - Operator All Assets SCTP/RTP/pipelines
 - City of Battle Ground
 - City of Ridgefield



Salmon Creek Treatment Plant – History of Partnership and Growth



A Truly Regional System and Partnership...

- Ratepayers in 4 Jurisdictions
 - Battle Ground
 - Ridgefield
 - Vancouver
 - Clark County
- Regional Platform / Service Providers
 - Alliance Regional policy direction
 - District Implementation
 - Executive
 - Finance
 - Engineering
 - Operations





Phase 5 Expansion Program



Phase 5 Expansion Program – Constructed in Four Contracts



Columbia River Outfall and Effluent Pipeline

- 5A "Package 1" New Outfall in Columbia River
- 5A "Package 2" New Effluent Pipeline to SCTP

SCTP Phase 5 Expansion

- 5B "Package 1" All Non-Capacity Elements
- 5B "Package 2" Capacity Elements (after CR WQ issue resolved)

\$34.6 M

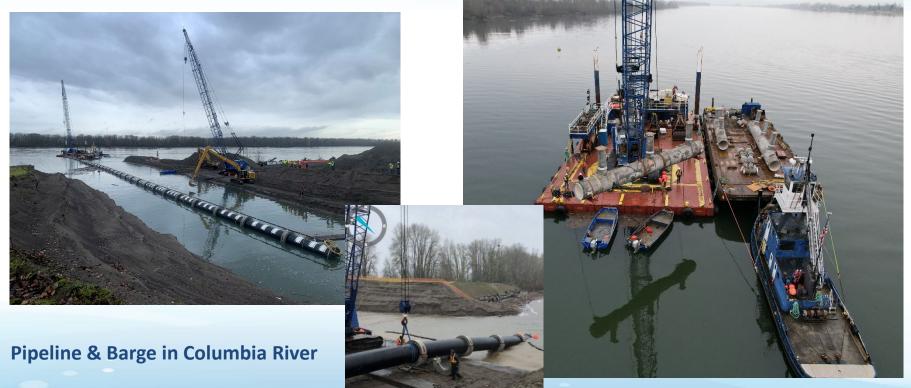
\$37.0 M

Total \$71.6 M

Planning/Engineering/Permitting started 2015

Phase 5 Expansion Program – Phase 5A Package 1 Highlights





Phase 5 Expansion Program – Phase 5A Package 1 Highlights



Barge Work in Columbia River



Diffuser



Phase 5 Expansion Program – Phase 5A Package 2 Highlights





Railroad Boring

Effluent Pump Station Tie-in

Phase 5 Expansion Program – Phase 5A Package 2 Highlights





Lake River Floating Bridge





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Phase 5 Expansion Program – Phase 5A – Awards & Recognition



5A Package 1 – Outfall Project

- Build America Award for Environmental Enhancement from the Associated General Contractors of America
- Presented by Advanced American
 Construction

5A Package 2 – Pipeline Project

- Top Projects Award Winner from the Daily Journal of Commerce Oregon
- Presented by Tapani Inc.



Phase 5 Expansion Program – Phase 5B Package 1 Highlights





Primary Clarifier Covers

Odor Control System

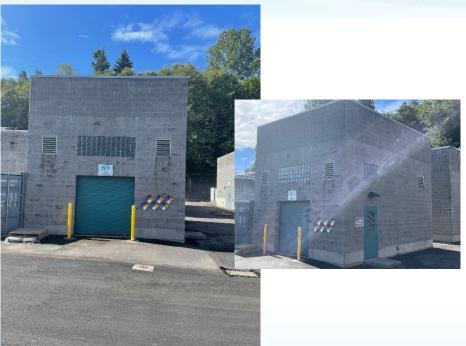
Phase 5 Expansion Program – Phase 5B Package 1 Highlights











Solids Odor Control

Oil Storage Building

Phase 5 Expansion Program – Phase 5B Package 2 Highlights





Secondary Clarifier 5



RAS Pumps

Phase 5 Expansion Program – Phase 5B Package 2 Highlights









Blower 8

Aeration Basin 7



Thank You To Our Partners



Phase 5 Expansion Program Thank You To Our Consulting Partners



- Engineering Jacobs Engineering Group Inc.
- Communications JLA Public Involvement
- Advocacy CFM Advocates
- Legal/Bond Council Foster Garvey
- Financing
 - Public Works Assistance Account (thank you, State Legislators!)
 - PFM (Financial Advisor) / Hilltop Securities













Phase 5 Expansion Program Thank You To Our Regulatory Partners



- Regulatory & Permitting
 - Department of Ecology
 - Southwest Clean Air Agency
 - Army Corps of Engineers
 - BNSF Railway
 - US Fish & Wildlife
 - US Coast Guard
 - Department of Natural Resources
- Building
 - Clark County Building Department
 - WA L&I electrical permitting



















Phase 5 Expansion Program Thank You To Our Contracting & Property Owner Partners

- **Property Owners**
 - New Columbia Garden Company Inc. (Fazio)
 - Curtis Lake Ranch (Meyer)
- Neighbors (annual Open House)
- Construction

Advanced American Tapani, Inc.

5B < O Tapani, Inc. Slayden Constructors







Phase 5 Expansion Program Thank You To The Alliance Board and Standing Committees

- Board of Directors
- Standing Committees
 - Management and Infrastructure
 Committee
 - Finance Advisory Committee
 - Operations Coordination Committee
- Another Major Accomplishment for the Regional Program!









Phase 5 Expansion Program Thank You To Our Staff

Organ Water Alliage

- Administration
 - John Peterson
 - Leanne Mattos
 - Michaela Loveridge
- Finance
 - David Logan
 - Britny Carrier
- Regulatory Compliance
 - Kristen Thomas





- Matt Jenkins
- Eric Lucksley
- John Brown
- Construction
 - Bob Sanguinetti
 - **Chris Stangl**



In Closing...



Phase 5 Expansion Program In Closing...



- Ecology Submittals 3Q 2025
 - Record Drawings
 - O&M Manual
 - Construction Completion Certificate
- Capacity to be Recognized 4Q 2025
- No Rest for the Weary...
 - Phase 6 Planning Has Already Started
- Group Photo After Today's Board Meeting
- Refreshments & Plant Tour for Interested Parties





2024 Outstanding Performance Award – Ecology

2024 Outstanding Performance Award - Ecology

 This is the eighteenth consecutive year the SCTP has received this award

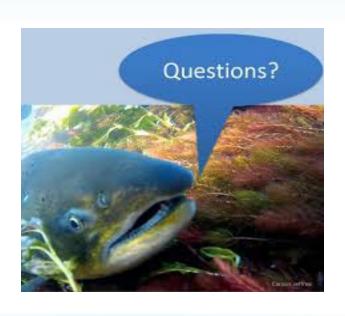


Congratulations!



Phase 5 Expansion Program





John M. Peterson, P.E.

Executive Director
Discovery Clean Water Alliance

General Manager Clark Regional Wastewater District

(360) 993-8819 jpeterson@crwwd.com

Attachment A

PO Box 47600, Olympia, WA 98504-7600 • 360-407-6000

August 20, 2025

Discovery Clean Water Alliance Board of Directors Discovery Clean Water Alliance 8000 NE 52nd Ct. Vancouver, WA 98665

RE: 2024 Wastewater Treatment Plant Outstanding Performance Awards

Dear Directors:

Congratulations! The Salmon Creek Wastewater Treatment Plant is receiving the 2024 "Wastewater Treatment Plant Outstanding Performance" award. Of approximately 300 wastewater treatment plants statewide, yours was among the top wastewater treatment plant operations in 2024.

Ecology evaluates specific domestic wastewater treatment plant information for individual permit compliance. Your plant is one of the top performers for regularly meeting permit criteria, conducting monitoring, and reporting data.

This is the eighteenth consecutive year the Salmon Creek Wastewater Treatment Plant received this award. Ecology acknowledges the exceptional level of effort required to protect water quality and provide this critical service to the communities you serve. Dedicated and proficient operators are essential to successful plant operations and to protecting the health of Washington's waters.

Thank you for your continued commitment to excellence.

Sincerely,

Jon Kenning, PhD.

Water Quality Program Manager

cc: Andrew Kolosseus

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