



Discovery Clean  
Water Alliance

## Board of Directors Agenda Quarterly Meeting

Friday, December 19, 2025, 10:00 a.m.

District Board Meeting Room, 8000 NE 52<sup>nd</sup> Court, Vancouver, WA 98665

The Board of Directors will be accepting public comment on published agenda items via in-person or virtual attendance during this meeting. *Written comments may be submitted to [lmattos@crwwd.com](mailto:lmattos@crwwd.com) 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: (571) 317-3112; Access Code: 507-959-669

## 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 <i>This item is to provide an opportunity for citizen comment.</i>	INFORMATION		5
5.	Consent Agenda a. Board of Directors Meeting Minutes of September 19, 2025 b. Audit of Accounts c. Alliance Investment Policy	ACTION		5
6.	Reports a. Operator Report – Third Quarter 2025 b. Capital Program Report – Third Quarter 2025 c. Treasurer Report – Third Quarter 2025 d. Regulatory Compliance Program Report e. General Sewer Plan / Phase 6 Engineering Report Update f. Administrative Lead Report	INFORMATION	Jenkins Peterson Logan Thomas Thomas/ Peterson Peterson	15 30 10 10 30 15
7.	Adjourn Meeting			

**Next Meeting:** Friday, March 20, 2026, 10:00 a.m., Regular Business Meeting  
District Board Meeting Room, 8000 NE 52<sup>nd</sup> 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.





Discovery Clean  
Water Alliance

## Board of Directors Meeting Third Quarter 2025 MINUTES

Friday, September 19, 2025, 10:00 a.m.

In-Person / Remote Meeting via GoToMeeting

Salmon Creek Treatment Plant Meeting Room, 15100 NW McCann Rd, Vancouver, WA 98685

**Present:**

**City of Battle Ground:** Shane Bowman

**Clark County:** Sue Marshall (arrived at 10:16 a.m.)

**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, Jeff Hanmann, Eric Lucksley, Leanne Mattos, Kristen Thomas, Britny Carrier, Bill Owen, Michaela Loveridge, Bob Sanguinetti, Connie Pekarek, Maria Swinger-Inskeep; City of Vancouver: Frank Dick, Steve Wall; Clark County: Jennifer Coker; City of Battle Ground: Mark Herceg, Kris Swanson; Foster Garvey Legal Counsel: Lee Marchisio; CFM Advocates: David Hodges; Jacobs Engineering: Brady Fuller, Craig Massie, Heather Lough, Pat Van Duser, Scott Crook; JLA: Adrienne DeDona, Sam Beresky; Dept. of Ecology: Bolun Wang, Ginger Reddig, Gary Myers, Ayda Sardaramiri, Alisha McKittrick, Isaiah Murrell-Thomas; Interested Citizens: Dan Clark, Leah Lothspeich; Guest Speakers: None

### Regular Business Meeting

**Call to order:**

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

**1. 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 June 20, 2025 meeting minutes; ratifying claim warrants #10732-10735 & ACH transactions in the amount of \$1,866,071.17 for June 2025, claim warrants #10736-10742 & ACH transactions in the amount of \$1,942,885.48 for July 2025, and claim warrants #10743-10746 & ACH transactions in the amount of \$1,654,598.28 for August 2025. Motion carried unanimously.



**4. Treasurer Report – Second Quarter 2025 & Budget Analysis**

David Logan presented the Second Quarter 2025 Financial Report reflecting the results from operations for all funds, as well as cash and investment balances as of June 30, 2025.

Mr. Logan also reported on the 2025/2026 Operating & Capital Budget and Regional Service Charges Analysis, including the impacts to the existing 20-year budget forecast.

**5. General Sewer Plan / Phase 6 Engineering Report Update**

Kristen Thomas presented an update on the progress of the General Sewer Plan and Phase 6 Engineering Report. Her presentation included flow/load projections, Battle Ground transmission options, a liquids treatment update, biosolids management evaluation, support facilities and other supporting elements including a community values survey and decision methodology.

**6. Administrative Lead Report – Phase 5 Expansion Program Celebration**

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

- 1) Phase 5 Expansion Program Celebration – Salmon Creek Treatment Plant's history of partnership and growth, the Phase 5 Expansion Program, special thanks to our partners, and a presentation of the Construction Completion Certificates to the Department of Ecology, who is in attendance today.
- 2) Ecology's 2024 Outstanding Performance Award – Bolun Wang, with the Department of Ecology, presented the Salmon Creek Treatment Plant's 18<sup>th</sup> consecutive award for outstanding performance to Matt Jenkins.
- 3) Following the meeting today, there will be light refreshments, a group photo will be taken, and a tour of the facility improvements will be provided for interested parties in attendance.

**The meeting was adjourned at 11:32 a.m.**

Prepared and edited by Alliance Administrative Lead staff. Approved by the  
Discovery Clean Water Alliance Board of Directors on:

December 19, 2025

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Secretary



# Accounts Payable

## Blanket Voucher Approval Document



Discovery Clean  
Water Alliance

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 \$1,328,477.45 this 19th day of September 2025.

**APPROVED**  
By David Logan at 12:56 pm, Sep 23, 2025

\_\_\_\_\_  
Director

\_\_\_\_\_  
Director

\_\_\_\_\_  
Director

\_\_\_\_\_  
Director

Line	Claimant	Check No.	Amount
1	CFM STRATEGIC COMMUNICATIONS, INC	10747	5,000.00
2	CLARK REGIONAL WASTEWATER DISTRICT	ACH	1,219,697.58
3	FOSTER GARVEY PC	10748	1,976.00
4	GOVERNMENT PORTFOLIO ADVISORS	ACH	609.92
5	WATER & SEWER RISK MANAGEMENT POOL	10749	<u>101,193.95</u>
Page Total:			<u><u>\$1,328,477.45</u></u>



# 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 \$1,935,703.42 this 24th day of October 2025.

APPROVED  
By David Logan at 7:53 am, Oct 28, 2025

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Treasurer

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Director

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Director

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Director

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Director

Line	Claimant	Check No.	Amount
1	CFM STRATEGIC COMMUNICATIONS, INC	10750	5,000.00
2	CLARK REGIONAL WASTEWATER DISTRICT	ACH	1,928,423.42
3	FOSTER GARVEY PC	10751	2,280.00
Page Total:			<u>\$1,935,703.42</u>



# 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 \$1,559,438.70 this 11th day of November 2025.

**APPROVED**  
By David Logan at 9:47 am, Nov 20, 2025

Treasurer \_\_\_\_\_

Director \_\_\_\_\_

Director \_\_\_\_\_

Director \_\_\_\_\_

Director \_\_\_\_\_

Line	Claimant	Check No.	Amount
1	CLARK REGIONAL WASTEWATER DISTRICT	ACH	1,248,247.32
2	FOSTER GARVEY PC	10752	8,165.60
3	GOVERNMENT PORTFOLIO ADVISORS	ACH	1,225.78
4	WATER & SEWER RISK MANAGEMENT POOL	10753	301,800.00
Page Total:			<u>\$1,559,438.70</u>





## Discovery Clean Water Alliance

### Consent Staff Report

*Board Meeting of December 19, 2025*

#### 5c. Resolution No. 2025-02 – Alliance Investment Policy

STAFF CONTACTS	PHONE	EMAIL
David Logan, Alliance Treasurer	360-993-8824	dlogan@crwwd.com

**PURPOSE:** The Discovery Clean Water Alliance Investment Policy should be reviewed by the Treasurer every two to four years. The policy was last adopted in June 2023 and is being presented for review and readoption this year with several recommended updates. In recent months, the Clark Regional Wastewater District revised its investment policy to meet the standards certified by the Government Investment Officers Association (GIOA) and Washington Public Treasurers Association (WPTA). As a matter of best practices, Administrative Lead Staff recommend realigning the Alliance's policy with the District's and seeking the same certifications. These policy certification programs are designed to guide and assist public entities in developing investment policies that meet industry best practices. Utilizing the guidelines established by each program and Government Portfolio Advisor's (GPA) extensive experience in working with public entities on their investment policies, the following updates are recommended for the Alliance Board's review and approval.

- **New Document Template:** The investment policy has been translated to a newly formatted document for ease of update for future versions (i.e. linked table of contents)
- **Introduction:** Added per GIOA recommendation
- **Governing Authority:** Updated language to follow WPTA recommendations more closely
- **Policy Statement:** Updated language using GPA standard recommended language, aligns with GIOA recommendations.
- **Objectives (Safety, Liquidity, Return):** Updated language from original, newer more detailed language provides additional clarity.
- **Delegation of Authority:** Organized this section to clearly list governing body, delegation of authority (Finance Director/Treasurer), investment advisor. Language updates to GPA standard recommended language for additional clarity and detail.
- **Prudence:** Added definition for standard of prudence per WPTA and GIOA recommendation.
- **Ethics:** Added language on gifts per GIOA recommendation.
- **Safekeeping/DVP:** Updated organization of this section to separate out DVP requirements and safekeeping requirements for clarity. Utilized GPA standard language.



- **Internal Controls:** updated language to follow WPTA/GIOA sample policy language more closely, provides specific detail on the internal controls.
- **External Audits:** Added language from WPTA sample policy regarding annual review and referencing the specific RCW.
- **Transaction Counterparties (Broker/Dealers, Advisors, Depositories):** Added competitive transactions per GIOA recommendation. Updated language regarding broker/dealers and advisors to clearly detail requirements of each as a best practice recommendation.
- **Collateralization:** Added to policy per GIOA recommendation – the added language is specific to Washington public entities.
- **Prohibited Investments:** Added to policy per GIOA/WPTA recommendation.
- **Investment Maturity:** Updated language to clearly define maturity constraints (as illustrated in table), as well as define purpose of portfolios. Also added language regarding reserve or capital improvement project monies.
- **Investment Philosophy:** Added to policy per GIOA recommendation.
- **Reporting Requirements:** Added calculation parameters per GIOA recommendation, updated performance language for additional clarity.
- **Guideline Compliance:** Added language per GIOA recommendation, included GPA standard language regarding fluctuations in aggregate surplus funds balances.
- **Glossary of Terms:** Added per GIOA/WPTA recommendation.

**ACTION REQUESTED:** Adoption of Resolution No. 2025-02, adopting the Alliance Investment Policy.



## **DISCOVERY CLEAN WATER ALLIANCE**

### **RESOLUTION NO. 2025 – 02**

**A RESOLUTION OF DISCOVERY CLEAN WATER ALLIANCE, ADOPTING THE INVESTMENT POLICY OF THE ALLIANCE; AND REPEALING RESOLUTION NO. 2023-01.**

**WHEREAS**, the Board of Directors has determined after due consideration that it is in the best interest of the Alliance to approve the Investment Policy attached to this resolution and repeal Resolution 2023-01, as proposed; now, therefore

**BE IT RESOLVED** by the Board of Directors of the Discovery Clean Water Alliance as follows:

**Section 1. Investment Policy Adopted.** The Investment Policy attached to this resolution is hereby approved and adopted.

**Section 2. Repeal.** Resolution 2023-01 is repealed.

**Section 3. Effective Date.** This resolution takes effect from and after its adoption.

**ADOPTED** by the Board of Directors of Discovery Clean Water Alliance at a regular meeting held on December 19, 2025.

**DISCOVERY CLEAN WATER ALLIANCE**

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Chair, Board of Directors





Discovery Clean  
Water Alliance

# Investment Policy

Resolution #2025-02

Effective: 12/19/2025



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## **1. Introduction**

This Investment Policy defines the parameters within which funds are to be invested by the Discovery Clean Water Alliance (Alliance). This policy also formalizes the framework of the Alliance's Policy and Procedures to provide the authority and constraints for the Alliance to maintain an effective and judicious management of funds within the scope of this policy.

These policies are intended to be broad enough to allow the Treasurer or authorized designee to function properly within the parameters of responsibility and authority, yet specific enough to adequately safeguard the investment assets.

## **2. Governing Authority**

The Discovery Clean Water Alliance's investment authority is derived from Chapter 39.106 RCW. The investment program shall be operated in conformance with applicable state and federal law..

Pursuant to the Alliance Administrative Lead Agreement with Clark Regional Wastewater District (District), the District serves as the Alliance Treasurer and manages the Alliance investment program in that capacity.

## **3. Policy Statement**

This Policy establishes standards and guidelines for the direction, management and oversight for all of Alliance's investable funds. Funds must be invested prudently to assure preservation of principal, provide needed liquidity for daily cash requirements, and provide a market rate of return. All investments must conform to federal, state, and local statutes governing the investment of public funds.

## **4. Scope**

This Policy applies to all the Alliance financial assets recorded as cash and cash equivalents or investments, which are accounted for in the Alliance Comprehensive Annual Financial Report. The amount of funds that is expected to be governed by this Policy is \$20,000,000 to \$70,000,000.

## **5. Objectives**

The general objectives of the Alliance investment activities, in priority order, shall be:

### **A. Safety**

The Alliance's portfolio shall emphasize safety of principal, that is, investments shall be made in a manner that seeks to ensure preservation of capital in the overall Alliance's investment portfolio. To obtain this objective, funds will be diversified, utilizing highly rated securities, by investing among a variety of securities and financial institutions. The investment portfolio will be invested in a manner that meets applicable state and federal law and all policies and procedures adopted by the Alliance's.



## **B. Liquidity**

The Alliance portfolio shall remain sufficiently liquid to enable the Alliance to meet all reasonably anticipated operating requirements. Therefore, the investments shall be managed to maintain a balance to meet daily obligations.

## **C. Return on Investment**

The Alliance portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the Alliance's investment risk constraints and the cash flow characteristics of the portfolio.

# **6. Standards of Care**

The Alliance portfolio shall be managed with due diligence, prudence and ethics.

## **A. Delegation of Authority and Responsibilities**

### **i. Governing Body**

The ultimate responsibility and authority for the investment of the Alliance funds resides with the Board of Directors who have the authority to direct the management of the Alliance investment program.

### **ii. Delegation of Authority**

Authority to manage the investment program is delegated to the Treasurer, including, without limitation, oversight and responsibility for all transactions and investments. The Treasurer shall establish and act in accordance with written procedures for the investment program, consistent with this Policy. . The Treasurer shall be responsible for all transactions and investments. The Treasurer shall establish written procedures for the operation of the investment program, consistent with this Investment Policy. The Treasurer is authorized to sign an agreement with an investment advisor who will assist the Treasurer or designee with investment strategy and investment transactions.

All District participants in the investment process shall seek to act responsibly as custodians of the public trust. No official or officer, or their designees may engage in an investment transaction except as provided under the terms of this Policy and supporting procedures.

### **iii. Investment Advisor**

The Alliance may engage the services of an independent registered investment advisor to assist with the management of Alliance's investment portfolio in a manner that is consistent with the Alliance's objectives and this Policy.

An investment advisor shall be registered with the Securities and Exchange Commission. The advisor will serve in a fiduciary investment role in respect to the investment program, will make investment recommendations, and will provide oversight of the investment program. The advisor may only transact business with the



approved broker/dealer list. The advisor may only provide non-discretionary investment services, which require prior approval of all transactions by the Treasurer or designee. The investment advisor must retain all documentation and provide it to the Treasurer or designee upon request.

## **B. Prudence**

The standard of prudence to be used by the Treasurer or any designees in the context of managing the overall portfolio is the prudent person rule which states:

*Investments will be made with judgment and care, under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs not in regard to speculation but in regard to the permanent disposition of the funds considering the probable income as well as the probable safety of the capital.*

The Treasurer and authorized investment officers and employees, who act in accordance with the Treasurer's written procedures and the Alliance's Investment Policy, and who exercise due diligence, shall be relieved of personal responsibility for the credit risk or market price change of an investment, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

## **C. Ethics and Conflicts of Interest**

The Alliance Officers and employees involved in the Alliance's investment program or transactions shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial decisions. These Alliance employees and investment officials shall disclose any material interests in financial institutions with which they conduct business. They shall further disclose any personal financial/investment positions that could be related to the performance of the investment portfolio. Employees and officers shall subordinate their personal investment transactions to those of the Alliance, particularly with regard to the timing of purchases and sales.

Persons authorized to invest shall not accept gifts from the institutions with which the Alliance places investments. Occasional business meals are acceptable and must be reported to the Executive Director or the Board of Directors.

# **7. Safekeeping, Custody and Controls**

## **A. Delivery vs. Payment**

All trades of marketable securities will be executed (cleared and settled) on a delivery versus payment basis to ensure that securities are deposited in the District's safekeeping institution prior to the release of funds.

## **B. Third-Party Safekeeping**

The Treasurer shall designate all safekeeping arrangements and an agreement of the terms executed in writing. All securities will be receipted and recorded based on the terms in the custodial contract. The third-party custodian shall be required to provide a statement



to the Alliance listing at a minimum each specific security, book yield, description, maturity date, market value, par value, purchase date, and CUSIP number. The Alliance will have online access through the safekeeping bank for verification of the account holdings and transactions. The investment advisor may have view access to reconcile investment purchases, sales and investments held directly with the custodial bank.

All collateral securities pledged to the Alliance for certificates of deposit or demand shall be held in a segregated account at the issuing financial institution that is reporting to the State's Public Deposit Protection Commission (PDPC).

### **C. Internal Controls**

The Treasurer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the Alliance are protected from loss, theft or misuse. Specifics for the internal controls shall be documented in an investment procedures manual.

The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived and the valuation of costs and benefits requires estimates and judgments by management. The internal controls shall address the following points at a minimum:

- i. Control of collusion
- ii. Separation of transaction authority from accounting and recordkeeping
- iii. Custodial safekeeping
- iv. Avoidance of physical delivery securities of marketable securities
- v. Clear delegation of authority to subordinate staff members
- vi. Written confirmation of transactions for investments and wire transfers
- vii. Dual authorizations of wire transfers
- viii. Staff training and
- ix. Review, maintenance and monitoring of security procedures both manual and automated.

Arbitrage rules will be applied to the earnings on bond proceeds.

### **D. External Audits**

The Office of the State Auditor requires that in accordance with RCW 43.09.260, the Alliance must undergo annual financial examinations performed by State Examiners. Investment management is to be included as part of the annual independent audit to assure compliance with this Investment Policy.

## **8. Transaction Counterparties**

### **A. Broker/Dealers**

The Treasurer shall maintain and review annually a list of all authorized financial institutions and broker/dealers that are approved to transact with the Alliance for investment purposes. All broker/dealers and financial institutions who desire to do business with the Alliance must supply the Treasurer with the following:



- i. Annual audited financial statements.
- ii. Proof of FINRA (Financial Industry Regulatory Authority) certification.
- iii. Proof of registration with the State of Washington.
- iv. A completed Broker/Dealer questionnaire and a certification of having read the Alliance Investment Policy.

## **B. Investment Advisors**

The Alliance may contract with an external investment advisor to assist with the management of the Alliance's investment portfolio in a manner that is consistent with the Alliance's objectives and this Policy. Advisors must be registered under the Investment Advisers Act of 1940 and must act in a non-discretionary capacity, requiring approval from the Alliance prior to all transactions.

The Treasurer may utilize the investment advisor's approved broker/dealer list in lieu of the Alliance's own approved list. The advisor must submit the approved list to the Alliance annually and provide updates throughout the year as they occur. The advisor must maintain documentation of appropriate license and professional credentials of broker/dealers on the list. The annual investment advisor broker/dealer review procedures include:

1. FINRA Certification check
  - Firm Profile
  - Firm History
  - Firm Operations
  - Disclosures of Arbitration Awards, Disciplinary and Regulatory Events
  - State Registration Verification
2. Financial review of acceptable FINRA capital requirements or letter of credit for clearing settlements.

The advisor may be authorized through the contracted agreement to open accounts on behalf of the Alliance with the broker/dealers on the approved broker/dealer list. The Alliance will receive documentation directly from the brokers for account verification and regulatory requirements.

## **C. Depositories**

If funds in public depositories are in excess of the current Federal Deposit Insurance Corporation (FDIC) insurance limit, those funds must be placed with qualified public depositories (banks) who are currently participating in the Washington State Public Deposit Protection Commission ("PDPC") program as provided in Chapter 39.58 RCW. The Treasurer must verify a compliance/listing with the PDPC annually, utilizing the Washington State Treasurer's website.

## **D. Local Government Investment Pools**

The Alliance belongs to, and is authorized to invest in, two local government investment pools. The Washington Local Government Investment Pool (LGIP) is a voluntary investment vehicle operated by the Washington State Treasurer. Over 530 local



governments have participated in the LGIP since it was started in 1986 to provide safe, liquid, and competitive investment options for local governments pursuant to Chapter 43.250 RCW. The Clark County Investment Pool (CCIP) is a voluntary investment vehicle managed by the Clark County Treasurer and invests in securities that comply with RCW 36.29.020.

#### **E. Competitive Transactions**

Transactions must be executed on a competitive basis and documented, excluding securities and interfund loans issued by the Alliance. Competitive prices should be provided from at least three separate brokers, financial institutions or through a national electronic trading platform. If the purchased security is only offered by one broker, then other securities with similar structure may be used for documentation purposes. If an advisor handles trade executions, then they must provide the competitive documentation as requested.

### **9. Authorized and Suitable Investments**

#### **A. Authorized Investments**

All investments of the Alliance are limited by state law, principally Chapter 39.58 RCW, and RCW 39.59.020.

Additional Specifications:

- This Policy recognizes S&P, Moody's and Fitch as the major Nationally Recognized Statistical Ratings Organizations (NRSRO).
- Minimum credit ratings and percentage limitations apply to the time of purchase.
- All securities must be purchased on the secondary market and may not be purchased directly from the issuer.
- Securities rated in the broad single A category with a negative outlook may not be purchased. Portfolio holdings of corporate notes downgraded to below single A and portfolio holdings of securities rated single A with their outlooks changed to negative may not continue to be held. No additional purchases are permitted.

#### **B. Suitable Investments**

The Alliance is authorized and empowered to invest in the following types of securities:

**US Treasury Obligations:** Direct obligations of the United States Treasury.

**US Agency Obligations:** US Government Agency Obligations and US Government Sponsored Enterprises (GSEs) which may include, but are not limited to the following: Federal Farm Credit Banks Funding Corporation (FFCB), Federal Home Loan Bank (FHLB), Federal National Mortgage Association (FNMA), Federal Home Loan Mortgage Corporation (FHLMC), and Tennessee Valley Authority (TVA).

**Supranational Bonds:** United States dollar denominated bonds, notes or other obligations that are issued or guaranteed by supranational institutions, provided, that at the time of investment, the institution has the United States as its largest shareholder. These include: International Bank for Reconstruction and Development (IBRD or World



Bank); the International Finance Corporation (IFC); the Asian Development Bank (ADB) and the Inter-American Development Bank (IADB).

**Municipal Debt Obligations:** General Obligation and Revenue bonds of any local government in the State of Washington and General Obligation bonds only on government issuers outside the State of Washington. At the time of investment, the bonds must have one of the three highest credit ratings of a nationally recognized rating agency.

**Corporate Notes:** Unsecured debt obligations purchased in accordance with the investment policies and procedures adopted by the State Investment Board. Corporate notes must be rated at least weak single A (A-) or better by all the major rating agencies that rate the note at the time of purchase for inclusion in the corporate note portfolio. The maturity must not exceed 5.5 years and the maximum duration of the corporate note portfolio cannot exceed 3 years. The percentage of corporate notes that may be purchased from any single issuer rated AA- or better by all major rating agencies that rate the note is 3% of the assets of the total portfolio. The percentage of corporate notes that may be purchased from any single issuer rated in the broad single A (A-) category from all the major rating agencies that rate the security is 2% of the total portfolio. The individual country limit of non-U.S. and non-Canadian exposure is 2% of the total portfolio. The exposure is determined by the country of domicile of the issuers of portfolio securities.

**Commercial Paper:** Commercial paper must be rated with the highest short-term credit rating category of any two major Nationally Recognized Statistical Rating Organizations (NRSROs) at the time of purchase. If the commercial paper is rated by more than two major NRSROs, it must have the highest rating from all of them. Commercial paper holdings may not have maturities exceeding 270 days. Any commercial paper purchased with a maturity longer than 100 days must also have an underlying long-term senior unsecured credit rating at the time of purchase in one of the three highest rating categories of an NRSRO. The percentage of commercial paper that may be purchased from any one issuer is 3% of the market value of the total portfolio. Issuer constraints will apply to the combined holdings of corporate notes and commercial paper holdings.

**Certificates of Deposit:** Non-negotiable Certificates of Deposit of financial institutions, which are qualified public depositories as defined by RCW 39.58.010(15) and in accordance with the restrictions therein.

**Bank Time Deposits and Savings Accounts issued by banks:** Deposits in PDPC approved banks.

**Banker's Acceptance:** Bankers' acceptances generally are created based on a letter of credit issued in a foreign trade transaction. They are used to finance the shipment of some specific goods within the United States. They are issued by qualified financial institutions.

**Local Government Investment Pool:** Investment Pool managed by the Washington State Treasury office.

**Clark County Investment Pool:** Investment Pool managed by the Clark County Treasurer's Office.



## C. Bank Collateralization

The PDPC makes and enforces regulations and administers a program to ensure public funds deposited in banks and thrifts are protected if a financial institution becomes insolvent. The PDPC approves which banks and thrifts can hold state and local government deposits and monitors collateral pledged to secure uninsured public deposits. Under the Public Deposit Protection Act, Chapter 39.58 RCW, all public treasurers and other custodians of public funds are relieved of the responsibility of executing tri-party agreements, reviewing pledged securities, and authorizing additions, withdrawals, and exchanges of collateral.

## D. Prohibited Investments:

- i. The Alliance shall not lend securities nor directly participate in a securities lending or reverse repurchase program.
- ii. The Alliance shall not invest in mortgage-backed securities.
- iii. The Alliance shall not invest in equities.
- iv. The Alliance shall not invest in cryptocurrency

# 10. Investment Parameters

## A. Diversification

The Treasurer will diversify the investments of all funds by issuer type and institution. The Alliance will invest by adhering to the following diversification constraints:

**Table of Constraints on the Portfolio**

Issue Type	Maximum % Holdings	Maximum % per Issuer	Ratings S&P, Moody's, or Equivalent NRSRO	Maximum Maturity
US Treasury Obligations	100%	None	N/A	5.5 years
US Agency Obligations	100%	35%	N/A	5.5 years
Supranational Agency Notes	10%	5%	AA- / Aa3	5.5 years
Municipal Bonds (GO Only outside WA)	30%	5%	A- / A3 Short Term*	5.5 years
Corporate Notes	25%	3%* for AA-, 2%* for A-, A, A+	A- / A3	5.5 years
Commercial Paper		3%*	A1/ P1 Long Term A- / A3	270 days
Certificates of Deposit	10%	10%	Deposits in PDPC approved banks	5.5 years
Bank Time Deposits/Savings	15%	10%	Deposits in PDPC approved banks	N/A
County LGIP	100%	None	N/A	N/A
State LGIP	100%	None	N/A	N/A

\*Issuer constraints apply to the combined issues in corporate and commercial paper holdings.

\*\*Short Term Ratings: Moody's - P1/MIG1/VMIG1. S&P - A-1/SP-1, Fitch F1

Note: Individual country limit of non-U.S./non-Canadian exposure is 2% of total portfolio.



## B. Investment Maturity

To the extent possible, the Treasurer will attempt to match the Alliance investments with anticipated cash flow requirements (i.e., capital project plan).

- i. The maximum weighted average maturity of the portfolio shall not exceed two and one-half (2.5) years.
- ii. Liquidity funds will be held in the State or County Pool, PDPC bank deposits, or cash matched securities.
- iii. Investment funds will be defined as the funds in excess of liquidity requirements. The investments in this portion of the portfolio will have maturities between one day and five and one-half years and will be only invested in high quality and liquid securities.
- iv. Total Portfolio Maturity Constraints:

<b>Total Portfolio Maturity Constraints</b>	
<b>Maturity Constraints</b>	<b>Minimum % of Total Portfolio</b>
Under 30 days	10%
Under 1 year	25%
Under 5.5 years	100%
<b>Maturity Constraints</b>	<b>Maximum of Total Portfolio in Years</b>
Weighted Average Maturity	2.5 years
Duration of Corporate Note Portfolio	3 years
<b>Security Structure Constraint</b>	<b>Maximum % of Total Portfolio</b>
Callable Agency Securities	25%

- v. Reserve or Capital Improvement project monies may be invested in securities exceeding five and one-half (5.5) years if the maturities of such investments are made to coincide as nearly as practicable with the expected use of the funds. Bond Proceeds Funds will be invested in a manner to match expected disbursements based on projected funding schedules.

## C. Strategic Allocations

### i. Portfolios and their Allocation

The Alliance has two classifications of investment funds: Operating Funds (consisting of Liquidity and Core) and Bond Proceeds Funds.

#### a. Operating Funds:

- Liquidity funds for the operating account will be allocated to State/County LGIP, CD's, PDPC Bank Deposits and Commercial Paper.
- The structure of the Core Fund will be targeted to a selected market benchmark based on the risk and return objectives of the portfolio.



- Longer term funds such as reserve funds will have an identified market benchmark to manage risk and return.
- b. **Bond Proceeds Funds:** Investment of bond proceeds are restricted further and will not include corporate bonds in the dedicated bond proceed portfolio. All other allowable investments including US Treasury, US Agency and Commercial Paper may be utilized. The investments will be made in a manner to match cash flow expectations based on managed disbursement schedules. Liquidity for bond proceeds will be managed through the State/County LGIP or PDPC Bank Deposit balances.

## ii. Investment Philosophy

The Investment Policy sets forth concentration constraints and minimum credit ratings for each type of security. These limits apply to the initial purchase of a security and do not automatically trigger the sale of a security as the portfolio value fluctuates or in the event of credit rating downgrade. The primary investment philosophy of Alliance is to match investment maturities with expected cash outflows. Securities shall generally be held until maturity, with the following exceptions:

- a. A security with a declining credit may be sold early to protect the principal value of the portfolio. When a credit rating downgrade occurs, the Treasurer will evaluate the downgrade on a case-by-case situation to determine whether to hold or sell the security.
- b. The portfolio duration or maturity buckets should be adjusted to better reflect the structure of the underlying benchmark portfolio.
- c. A security exchange that would improve the quality, yield and target maturity of the portfolio based on market conditions.
- d. A sell of a security to provide for unforeseen liquidity needs.

# 11. Reporting Requirements

## A. Reporting

The Treasurer shall include a market report on the investment activity and returns in the District's financial reports. These reports must include the average balance invested, interest earnings, investment type, maturity disclosure and performance considerations.

Calculations of percentage allocations shall be done at the time of purchase and formulated on market value.

## B. Performance Standards/Evaluation

- i. The investment portfolio shall be managed to obtain a fair rate of return and earnings rate that incorporates the primary objectives of protecting the Alliance's capital and assuring adequate liquidity to meet cash flow needs.
- ii. The investment portfolio will be invested into a predetermined structure that will be measured against a selected benchmark portfolio. The structure will be based upon a chosen minimum and maximum duration (average maturity) and will have the objective to achieve market rates of returns over long investment horizons. The purpose of a



benchmark is to appropriately manage the risk in the portfolio through interest rate cycles. The investment portfolio is expected to provide similar returns to the benchmark over interest rate cycles but may underperform or outperform in certain periods. The portfolio will be positioned to first protect principal and then achieve market rates of return. The benchmark used will be the US treasury 0-3 year index or US treasury 0-5 year index and comparisons will be calculated monthly and reported quarterly.

- iii. The liquidity component yield will be compared quarterly to the LGIP average yield.

### **C. Guideline Compliance**

Calculations of percentage allocations shall be done at the time of purchase and formulated on market value of investments. A compliance report will be generated at least quarterly comparing the portfolio positions to this Investment Policy.

Due to fluctuations in the aggregate surplus funds balance, maximum or minimum percentages for a particular issuer, investment type or minimum maturity constraint may be surpassed at a point in time. Securities need not be liquidated to realign the portfolio; however, consideration should be given to this matter when future purchases are made to ensure that appropriate diversification is maintained.

### **D. Accounting Method**

The Alliance shall comply with all required legal provisions and Generally Accepted Accounting Principles (GAAP). The accounting principles are those contained in the pronouncements of authoritative bodies including, but not necessarily limited to, the Governmental Accounting Standards Board (GASB).

Pooling of Funds: Except for cash in certain restricted and special funds, the Alliance will consolidate balances from all funds to maximize investment earnings. Investment income will be allocated to the various funds based on their respective participation in the investment program and in accordance with generally accepted accounting principles.

## **12. Policy Maintenance and Considerations**

### **Periodic Review**

The Treasurer shall review this Policy every two to four years. If the Treasurer desires amendments to this Policy, the Treasurer shall propose such amendments to the Board of Directors for its review and approval.

This Policy has been adopted by the Board of Directors on December 19, 2025, and replaces Discovery Clean Alliance's previously adopted policy dated June 16, 2023.

### **Exemption**

Any investment made prior to December 20, 2025 that does not meet the guidelines of this Policy is exempted from the requirements of this Policy. At maturity or liquidation, such monies shall be reinvested only as provided by this Policy.



## Glossary of Terms

**Agency Securities:** Government sponsored enterprises of the US Government.

**Bankers Acceptances:** A time draft accepted (endorsed) by a bank or trust company. The accepting institution guarantees payment of the bill, as well as the issuer. BAs are short-term non-interest-bearing notes sold at a discount and redeemed by the accepting bank at maturity for full face value.

**Bond:** An interest-bearing security issued by a corporation, government, governmental agency, or other body. It is a form of debt with an interest rate, maturity, and face value, and specific assets sometimes secure it. Most bonds have a maturity of greater than one year and generally pay interest semiannually. See Debenture.

**Broker:** An intermediary who brings buyers and sellers together and handles their orders, generally charging a commission for this service. In contrast to a principal or a dealer, the broker does not own or take a position in securities.

**Collateral:** Securities or other property that a borrower pledges as security for the repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

**Commercial Paper:** Short-term, unsecured, negotiable promissory notes issued by corporations.

**Current Maturity:** The amount of time left until an obligation matures. For example, a one-year bill issued nine months ago has a current maturity of three months.

**CUSIP:** A CUSIP number identifies securities. CUSIP stands for Committee on Uniform Security Identification Procedures, which was established under the auspices of the American Bankers Association to develop a uniform method of identifying municipal, U.S. government, and corporate securities.

**Dealer:** An individual or firm that ordinarily acts as a principal in security transactions. Typically, dealers buy for their own account and sell to a customer from their inventory. The dealer's profit is determined by the difference between the price paid and the price received.

**Debenture:** Unsecured debt backed only by the integrity of the borrower, not by collateral, and documented by an agreement called an indenture.

**Delivery:** Either of two methods of delivering securities: delivery vs. payment and delivery vs. receipt (also called "free"). Delivery vs. payment is delivery of securities with an exchange of money for the securities.

**Duration:** A measure used to calculate the price sensitivity of a bond or portfolio of bonds to changes in interest rates. This equals the sum of the present value of future cash flows.

**Full Faith and Credit:** Indicator that the unconditional guarantee of the United States government backs the repayment of a debt.

**General Obligation Bonds (GOs):** Bonds secured by the pledge of the municipal issuer's full faith and credit, which usually includes unlimited taxing power.

**Government Bonds:** Securities issued by the federal government; they are obligations of the U.S. Treasury; also known as "government bonds."

**Interest:** Compensation paid or to be paid for the use of money. The rate of interest is generally expressed as an annual percentage.



**Investment Funds:** Core funds are defined as operating fund balance, which exceeds the Alliance's daily liquidity needs. Core funds are invested out the yield curve to diversify maturity structure in the overall portfolio. Having longer term investments in a portfolio will stabilize the overall portfolio interest earnings over interest rate cycles.

**Investment Securities:** Securities purchased for an investment portfolio, as opposed to those purchased for resale to customers.

**Liquidity:** The ease at which a security can be bought or sold (converted to cash) in the market. A large number of buyers and sellers and a high volume of trading activity are important components of liquidity.

**Liquidity Component:** A percentage of the total portfolio that is dedicated to providing liquidity needs for the Alliance.

**LGIP:** Local Government Investment Pool run by the State of Washington Treasurer's office established to help cities with short term investments.

**Mark to Market:** Adjustment of an account or portfolio to reflect actual market price rather than book price, purchase price or some other valuation.

**Municipals:** Securities, usually bonds, issued by a state, its agencies, by cities or other municipal entities. The interest on "munis" is usually exempt from federal income taxes and state and local income taxes in the state of issuance. Municipal securities may or may not be backed by the issuing agency's taxation powers.

**Par Value:** The value of a security expressed as a specific dollar amount marked on the face of the security or the amount of money due at maturity. Par value should not be confused with market value.

**Portfolio:** A collection of securities held by an individual or institution.

**Prudent Person Rule:** A long-standing common-law rule that requires a trustee who is investing for another to behave in the same way as a prudent individual of reasonable discretion and intelligence who is seeking a reasonable income and preservation of capital.

**Quotation or Quote:** A bid to buy or the lowest offer to sell a security in any market at a particular time.

**Repurchase Agreement:** Range in maturity from overnight to fixed time to open end. Repos involve a simultaneous sale of securities by a bank or government securities dealer to an investor with an agreement for the bank or government securities dealer to repurchase the securities at a fixed date at a specified rate of interest.

**Treasury Bill (T-Bill):** An obligation of the U.S. government with a maturity of one year or less. T-bills bear no interest but are sold at a discount.

**Treasury Bonds and Notes:** Obligations of the U.S. government that bear interest. Notes have maturities of one to ten years; bonds have longer maturities.

**Yield:** The annual rate of return on an investment, expressed as a percentage of the investment. Income yield is obtained by dividing the current dollar income by the current market price for the security. Net yield, or yield to maturity, is the current income yield minus any premium above par or plus any discount from par in the purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity of the bond.

**Yield to Maturity:** The average annual yield on a security, assuming it is held to maturity; equals to the rate at which all principal and interest payments would be discounted to produce a present value equal to the purchase price of the bond.



### Ratings Table – Long-Term

Three Highest Rating Categories	S&P	Moody's	Fitch	Definition
	AAA	Aaa	AAA	Highest credit quality
	AA+, AA, AA-	Aa1, Aa2, Aa3	AA+, AA, AA-	Very high credit quality
	A+, A, A-	A1, A2, A3	A+, A, A-	High credit quality
	BBB+, BBB, BBB-	Baa1, Baa2, Baa3	BBB+, BBB, BBB-	Good credit quality
	BB+, BB, BB-	Ba1, Ba2, Ba3	BB+, BB, BB-	Non-investment grade

### Ratings Table – Short-Term

Highest Rating Category	S&P	Moody's	Fitch	Definition
	A1+, A1	P1+, P1	F1+, F1	Highest credit quality
	<b>Municipal Commercial Paper</b>			
	A-1, A-1+, SP-1+, SP-1	P1, MIG1, VMIG1	F1+, F1	Highest credit quality





Discovery Clean  
Water Alliance

## Staff Report

*Board Meeting of December 19, 2025*

### 6a. Operator Report – Treatment Plants – Third Quarter 2025

STAFF CONTACTS	PHONE	EMAIL
Matt Jenkins, Wastewater Operations Manager	360-719-1680	mjenkins@crwwd.com

**PURPOSE:** This report will cover the Operations program update.

Please see the attached presentations covering the following:

- Operator Report Q3 2025
  - Salmon Creek Treatment Plant
    - Operations and Treatment Performance
    - Maintenance Accomplishments and Priorities
  - Ridgefield Treatment Plant
    - Operations and Treatment Performance
    - Maintenance Accomplishments and Priorities
  - Alliance Transmission System
    - Transmission System Operations
    - Transmission System Maintenance

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



# Discovery Clean Water Alliance

Operations Program Update

Alliance  
Board of Directors  
December 19, 2025



Laying the foundation  
for a **vibrant economy**  
and **healthy environment**



# Operator Report – Treatment Plants



- Salmon Creek Treatment Plant
  - Operations and Treatment Performance
  - Maintenance Accomplishments and Priorities
- Ridgefield Treatment Plant
  - Operations and Treatment Performance
  - Maintenance Accomplishments and Priorities
- Alliance Transmission System
  - Transmission System Operations
  - Transmission System Maintenance





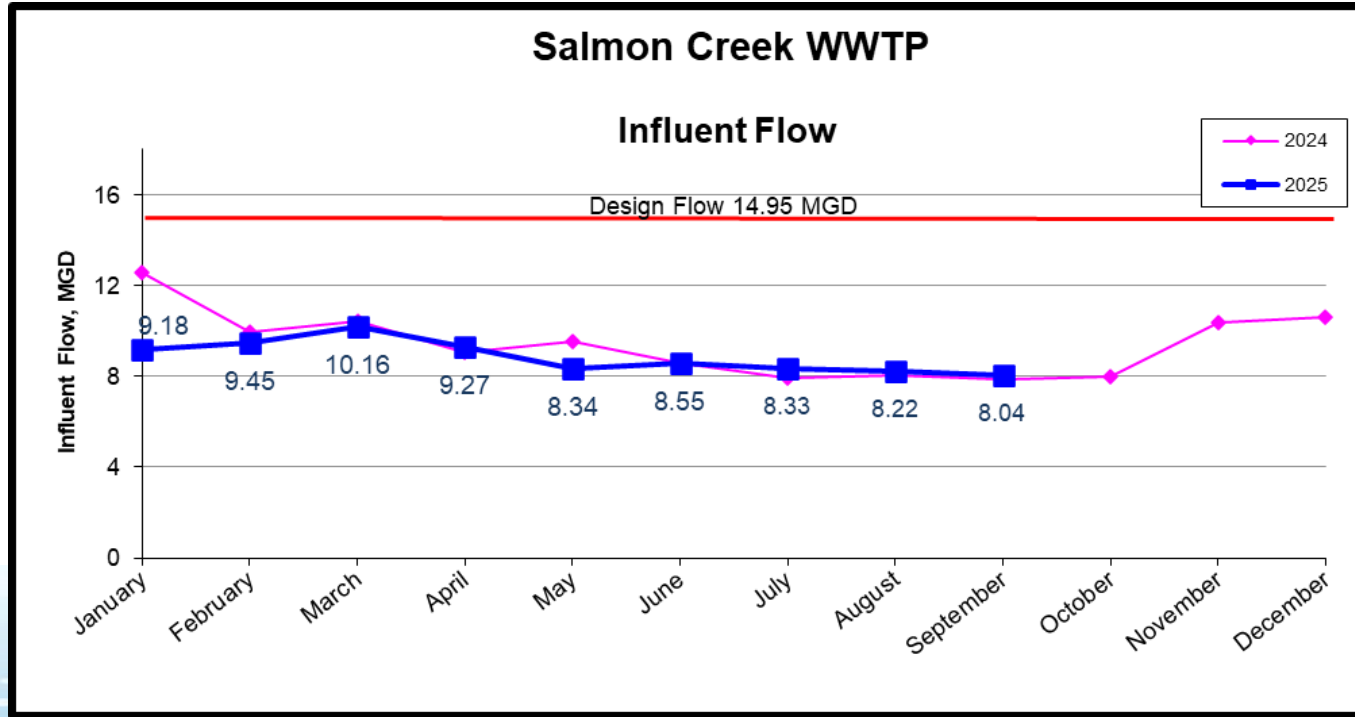
# Salmon Creek Treatment Plant



# SCTP Operations and Treatment Performance



- Third Quarter Performance

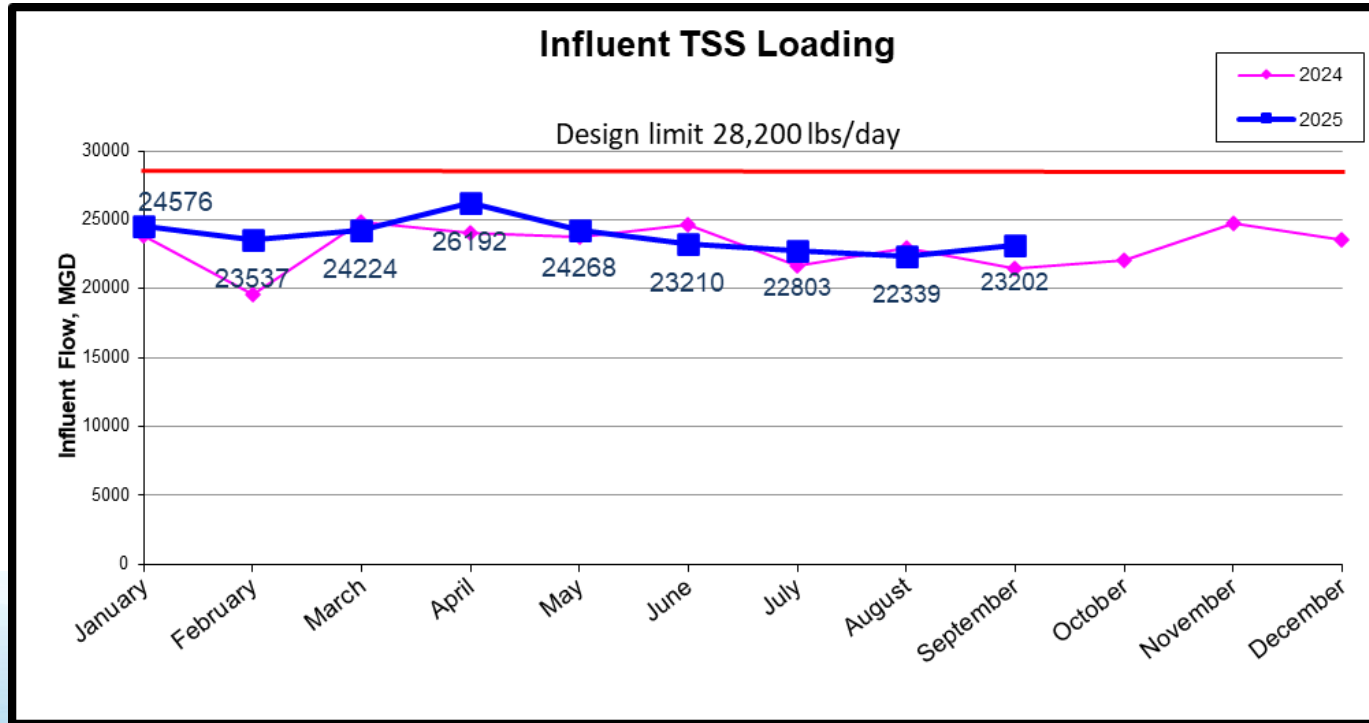




# SCTP Operations and Treatment Performance



- Third Quarter Performance

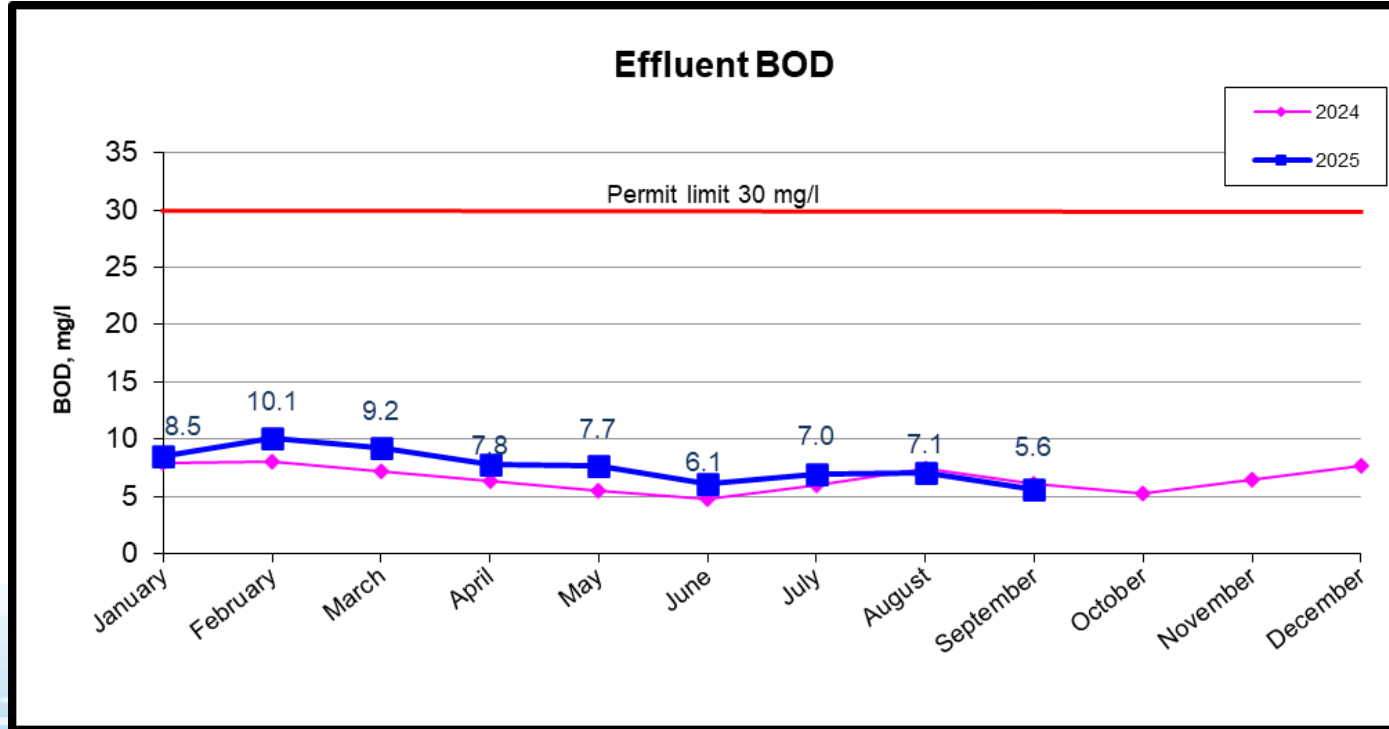




# SCTP Operations and Treatment Performance



- Third Quarter Performance





# Operations and Treatment Performance



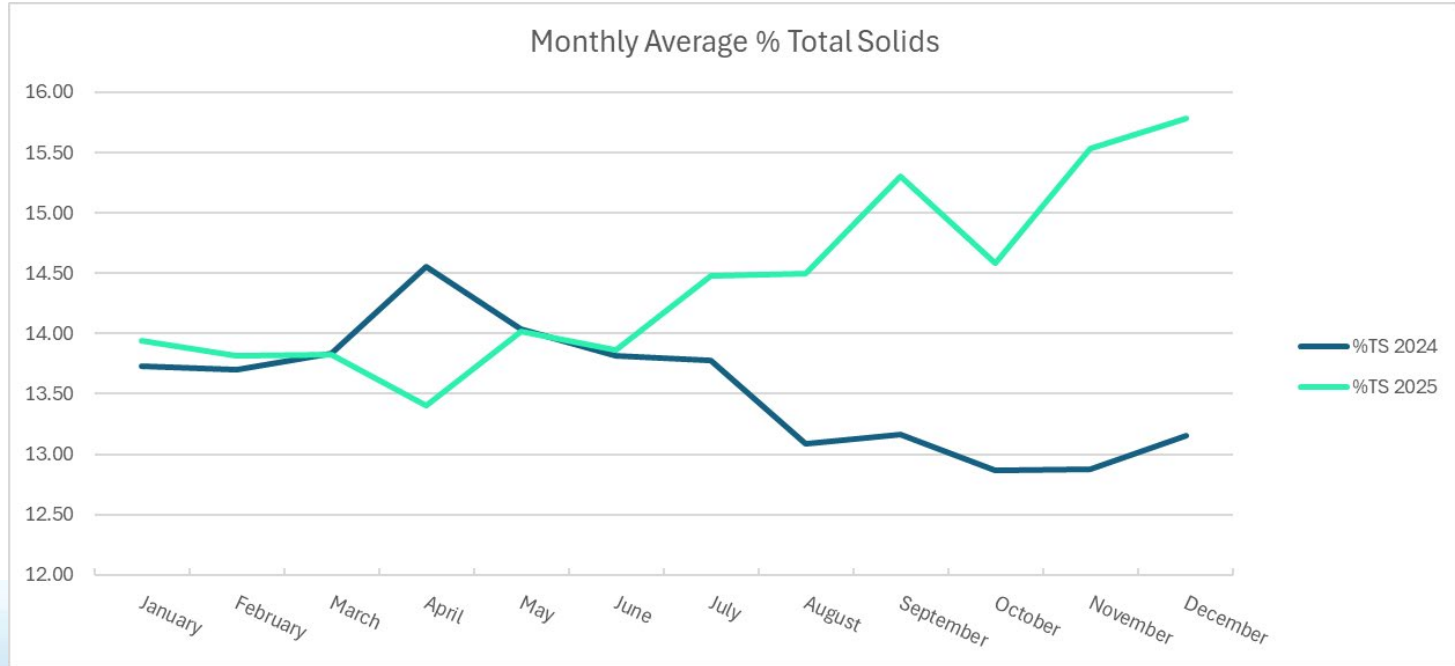
- SCTP achieved waste removals of 98% during the third quarter and met all requirements of the NPDES permit
- Process changes to the aeration basins, along with transition to 24-hour-per-day dewatering operations, has decreased the moisture content of the biosolids
- Operators have been able to reduce polymer use in both the thickening and dewatering processes



Dewatering of digested sludge occurring on the belt filter press.

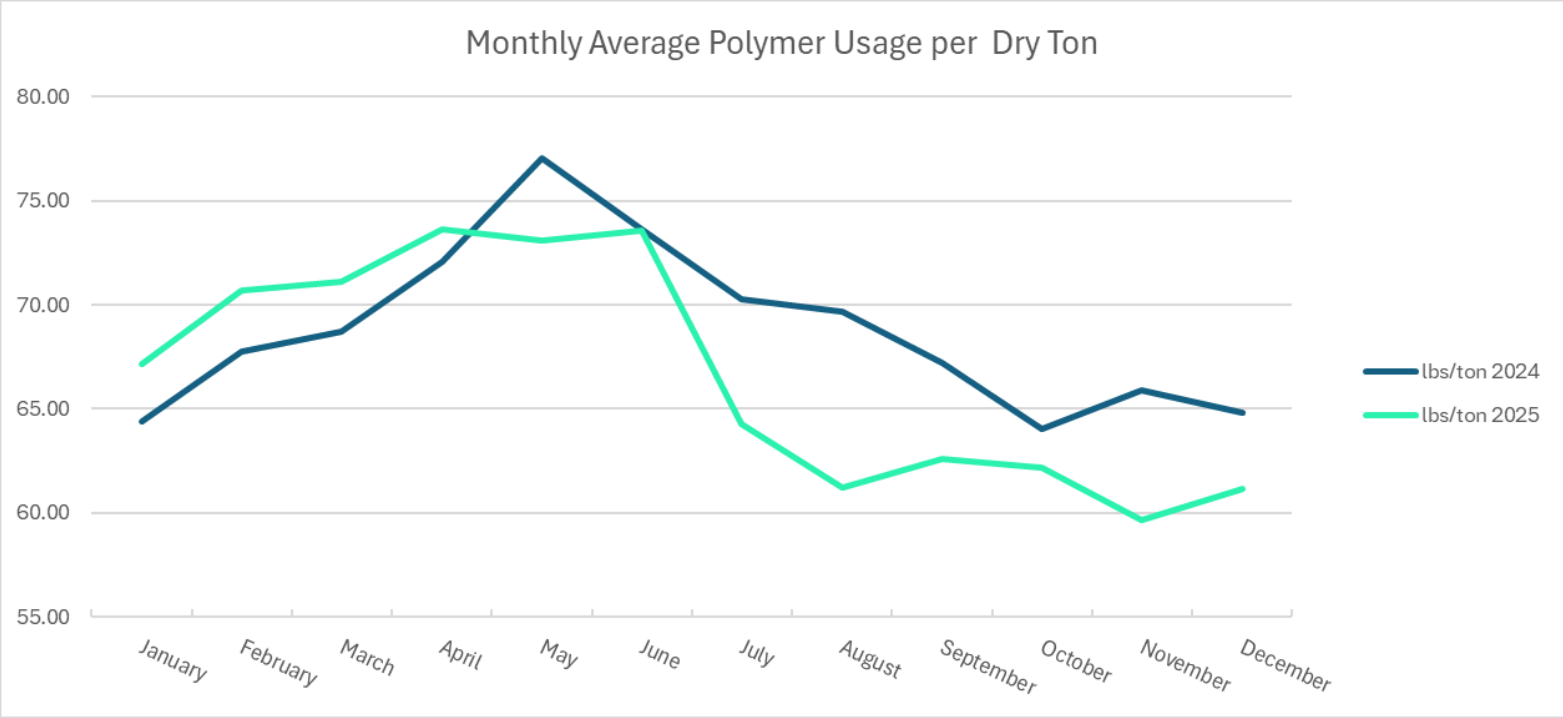


# Operations and Treatment Performance





# Operations and Treatment Performance





# Operations and Treatment Performance



- Digester recirculation pump #2 was upgraded and showed excellent performance over a two-month period. Staff intends to move forward with upgrades to pumps #1 and #3.
- During the third quarter of 2025, SCTP delivered 600 Dry Tons of biosolids to Lewis County land application sites and completed the dry-season haul around September 1
- Biosolids hauling will be directed to the Klickitat County land application sites operated by Natural Selection Farms through the wet season (Oct-May)



The District's biosolids transport truck delivering biosolids at a Lewis County application site.



# Maintenance Accomplishments and Priorities



- Maintenance staff had a busy third quarter, conducting the following work:
  - Rebuilt both Influent Screens
  - Replacement of Primary Clarifier #3 mechanism and drive
  - Assisted with the condition assessment of the high voltage equipment at SCTP
- Staff continued to keep the work order backlog to a minimum and preventive maintenance work current

## Salmon Creek Treatment Plant

Priority	# Work Orders
1 - High (ASAP)	25
2 - Medium (Within 5 Days)	57
3 - Preventive/Predictive	831
4 - Planned Maintenance	20
5 - Projects	25
<b>Total Work Orders:</b>	<b>958</b>

SCTP Q3 work order completion report from Lucity





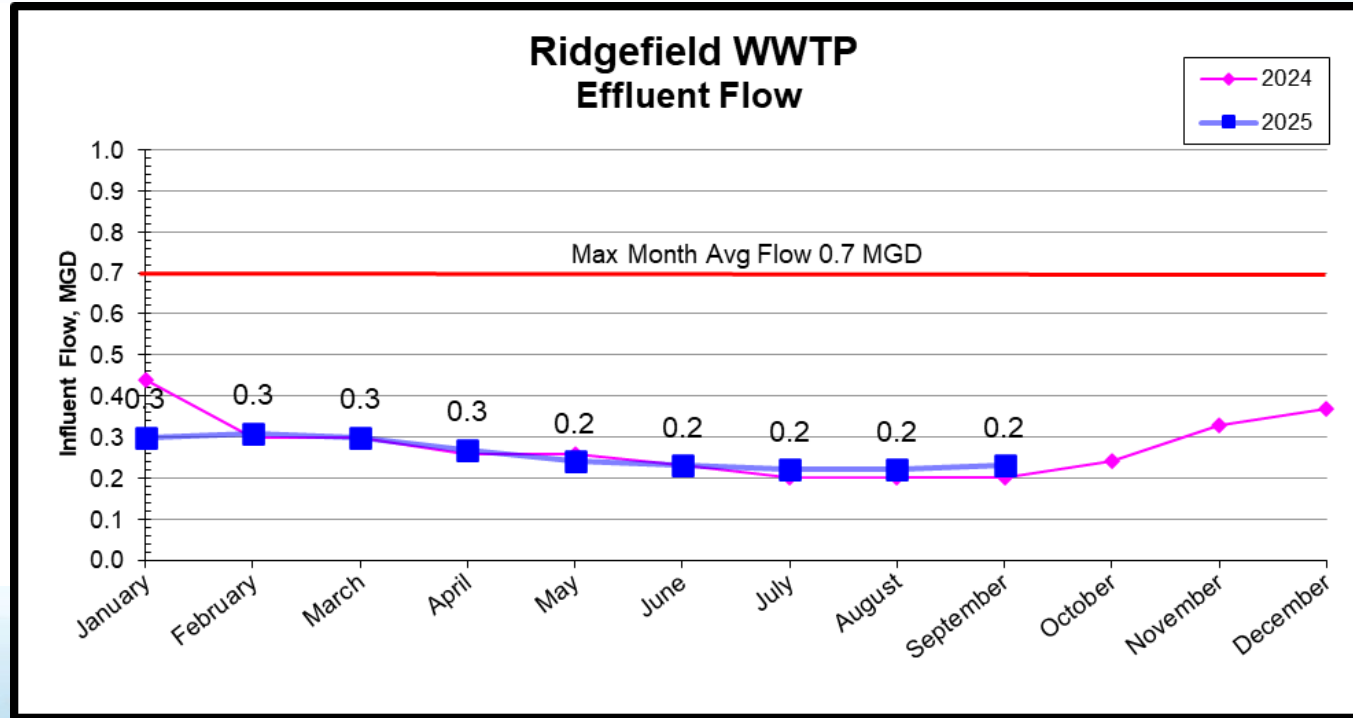
# Ridgefield Treatment Plant



# RTP Operations and Treatment Performance



- Third Quarter Performance

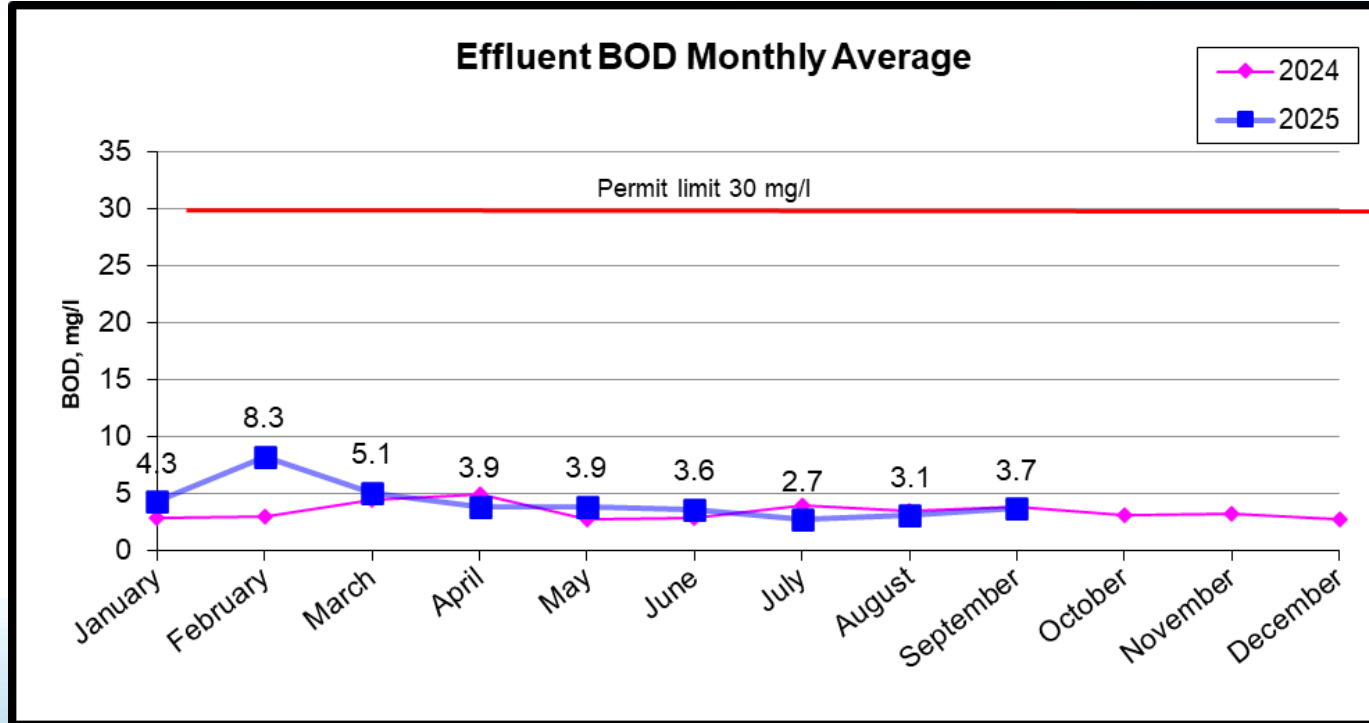




# RTP Operations and Treatment Performance



- Third Quarter Performance

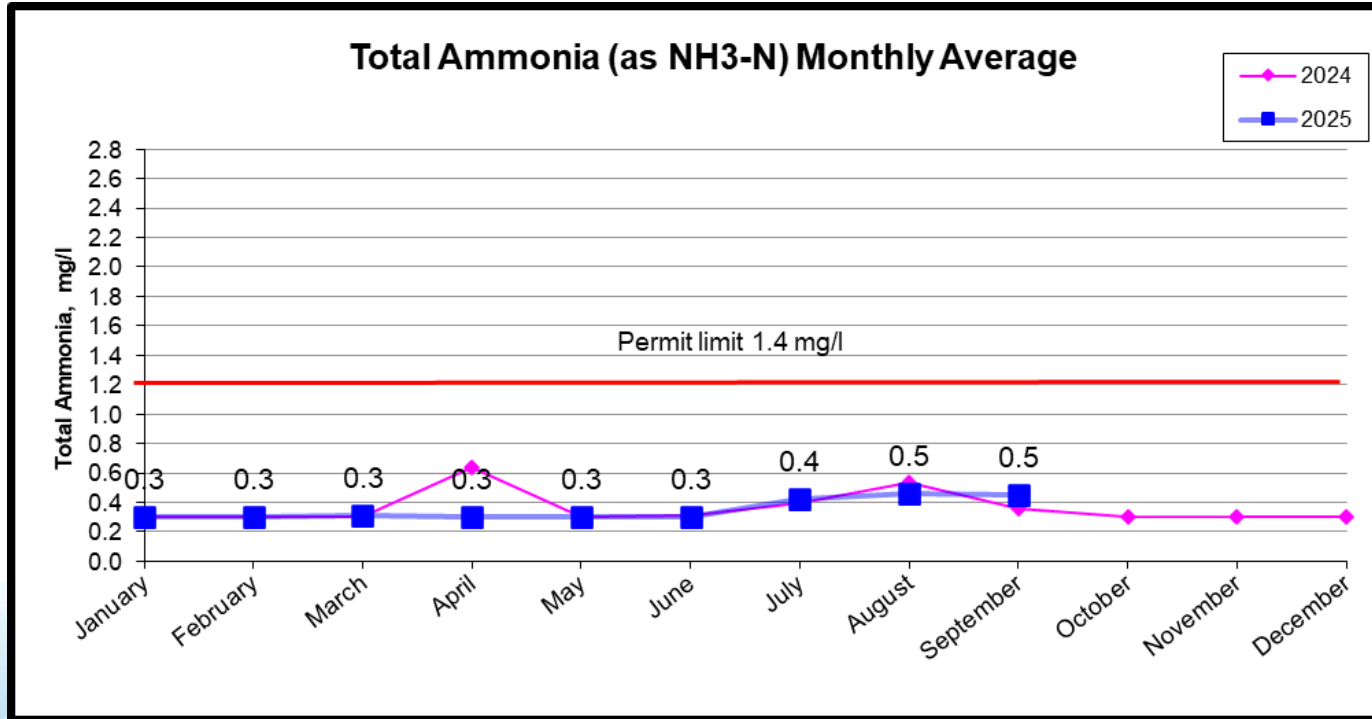




# RTP Operations and Treatment Performance



- Third Quarter Performance





# Operations and Treatment Performance



- RTP operators have maintained a very stable process through Q3 2025
- Staff continued to utilize new instrumentation to better manage the plant's biological process
- RTP biosolids continued to be sent to TRWWA (Longview) for further processing, with a Q4 target to begin processing a portion of the solids at SCTP



RTP's Lake River Effluent Outfall



# Maintenance Accomplishments and Priorities



- Staff continued to complete preventive and planned maintenance on schedule
- Staff focused on annual equipment inspections and calibrations during the third quarter

## Ridgefield Treatment Plant

Priority	# Work Orders
1 - High (ASAP)	1
2 - Medium (Within 5 Days)	8
5 - Projects	5
<b>Total Work Orders:</b>	<b>14</b>

RTP Q3 work order completion report from Lucy





# Alliance Transmission System



# Transmission System Operations



- Staff removed trees around the pump-station and access road that were at risk of falling
- Preventive and planned maintenance items are up to date
- The station's equipment continues to operate well





# Transmission System Maintenance

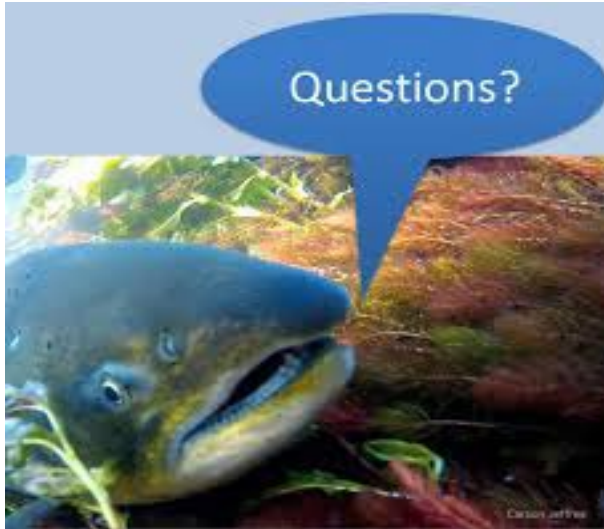


- 117<sup>th</sup> Street Pump Station remained offline for Q3
- The preventive and critical maintenance items are complete and up to date
- The VFD replacement project was conducted during Q3, and the station will be available as needed for Q4





# Operations Update



## Matt Jenkins

Wastewater Operations Manager  
Clark Regional Wastewater District

Operator  
Discovery Clean Water Alliance

(360) 719-1680  
[mjenkins@crwwd.com](mailto:mjenkins@crwwd.com)





Discovery Clean  
Water Alliance

## Staff Report

*Board Meeting of December 19, 2025*

### 6b. Capital Program Report – Third Quarter 2025

STAFF CONTACTS	PHONE	EMAIL
John M. Peterson, P.E., Alliance Executive Director	360-993-8819	jpeterson@crwwd.com

**PURPOSE:** This staff report provides an update on the ongoing capital program and capital project activities for the Regional Assets (RAs).

Please see the attached presentation covering the following:

- Capital Program Report
  - CIP Program Updates – Capacity and Regulatory Drivers
  - Repair and Replacement Program Updates

Attachments:

- A. SWCAA Notice of Violation Dated 9/5/2025

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



# Discovery Clean Water Alliance

## Capital Program Report

Alliance  
Board of Directors  
December 19, 2025



Laying the foundation  
for a **vibrant economy**  
and **healthy environment**



# Capital Program Report

## Components of the Capital Program



- CIP Program – Capacity and Regulatory Drivers
- Repair and Replacement Program
  - Defined Projects
  - Building Systems Projects
  - Allowance Projects









# Capital Program Report

## CIP Program



- CIP Program – Active Projects
  - SCTP Phase 5A Expansion (Outfall/Effluent Pipeline)
  - SCTP Phase 5B Expansion (Treatment Plant)
  - Alliance GSP/Phase 6 Engineering Report (Separate Report)
  - SCTP Class A Biosolids (Deferred to Phase 6 era)
  - RTP Secondary Process Improvements (Complete)
  - RTP Effluent Cooling (New – Study Phase)

**Legend:**

	<i>Project Contracted</i>
	<i>Project in Final Design (60-90-100%)</i>
	<i>Project in Pre-Design (Basis of Design to 30%)</i>
	<i>Project Temporarily On Hold</i>



# Capital Program Report

## CIP Program – Project in Construction



- SCTP Phase 5A Expansion (Outfall/Effluent Pipeline)
  - Project complete and in service
    - Ecology documentation provided
    - O&M manual/staff training completed
  - Environmental permits being closed out
  - Confirming site restoration with property owners
  - Closing out all contracts
  - Final costs close to \$37.0M budget





# Capital Program Report

## CIP Program – Project in Construction



- **SCTP Phase 5B Expansion (Treatment Plant)**
  - Project complete and in service
    - Ecology documentation provided September 2025
    - O&M manual/staff training provided
    - Ecology capacity recognition October 27, 2025!
  - Environmental permits closed out
  - Liquids treatment processes working well
  - Working with SWCAA on air permit issue
    - New air permit with Phase 5 now requires digester gas treatment for hydrogen sulfide (H<sub>2</sub>S)





# Capital Program Report

## CIP Program – Project in Construction



- **SCTP Phase 5B Expansion (Treatment Plant)**
  - Digester gas H<sub>2</sub>S treatment requirements
    - Digester gas is approximately 2400 ppm H<sub>2</sub>S (naturally)
    - Permit limit is 400 ppm H<sub>2</sub>S
  - Design Evaluations
    - Conventional treatment options include iron media absorption, biological treatment, and chemical treatment
    - New technology pilot tested – Micro Aeration
      - More environmentally sustainable
      - Lower capital and operating cost
      - Pilot test appeared favorable; Micro Aeration implemented

Memorandum		Jacobs
Salmon Creek Treatment Plant – Digester Micro-Aeration Testing		
Date:	March 10, 2023	Jacobs Engineering Group Inc.
Project name:	Salmon Creek Treatment Plant Phase 5B – Secondary Treatment Process Improvements (92-2017-0053)	2020 Southwest Fourth Ave Suite 300 Portland, Oregon 97201 T +1.503.235.5000 www.jacobs.com
Project no:	D3454461	
Attention:	Robin Krause	
Company:	Clark Regional Wastewater District	
Prepared by:	Bart Kraakman/Jacobs	
Reviewed by:	Brady Fuller/Jacobs	
Document no:	NA	



# Capital Program Report

## CIP Program – Project in Construction



- SCTP Phase 5B Expansion (Treatment Plant)
  - Micro Aeration Implemented
    - Challenges with safety panel performance (now resolved)
    - Challenges with obtaining full treatment levels
      - Process effective at removing half of H<sub>2</sub>S
      - Stable performance at approximately 1200-1600 PPM
      - Not able to achieve permit compliance at 400 PPM
      - SWCAA provided Notice of Violation on 9/5/25 (attached to Capital Program Report)





# Capital Program Report

## CIP Program – Project in Construction



- **SCTP Phase 5B Expansion (Treatment Plant)**
  - Option for Digester Gas H<sub>2</sub>S Compliance
    - Will need to implement conventional technology
      - Currently screening conventional technologies
      - Seek compliance schedule from SWCAA
    - Micro aeration still provides significant value
      - Helps optimize/extends life of conventional treatment
    - Budget available – approximately \$1.0M available within currently approved 5B budget
    - Recommended path forward at next Board meeting





# Capital Program Report

## CIP Program – Study Phase



- RTP Effluent Cooling (New)
  - New NPDES permit implemented
    - Effective October 1, 2025
    - Effluent temperature limit set: 24.6 degrees C.
      - Equivalent to 76.3 degrees F.
      - Would only be exceeded seasonally – very hot days in summer period
    - No control system for operations to ensure compliance





# Capital Program Report

## CIP Program – Study Phase



- RTP Effluent Cooling (New)
  - Conducting screening analysis of available technologies
    - Mechanical systems
      - Chiller
      - Cooling tower
    - Solar shading
    - Effluent irrigation
    - Operational strategies
  - More information available at next Board meeting





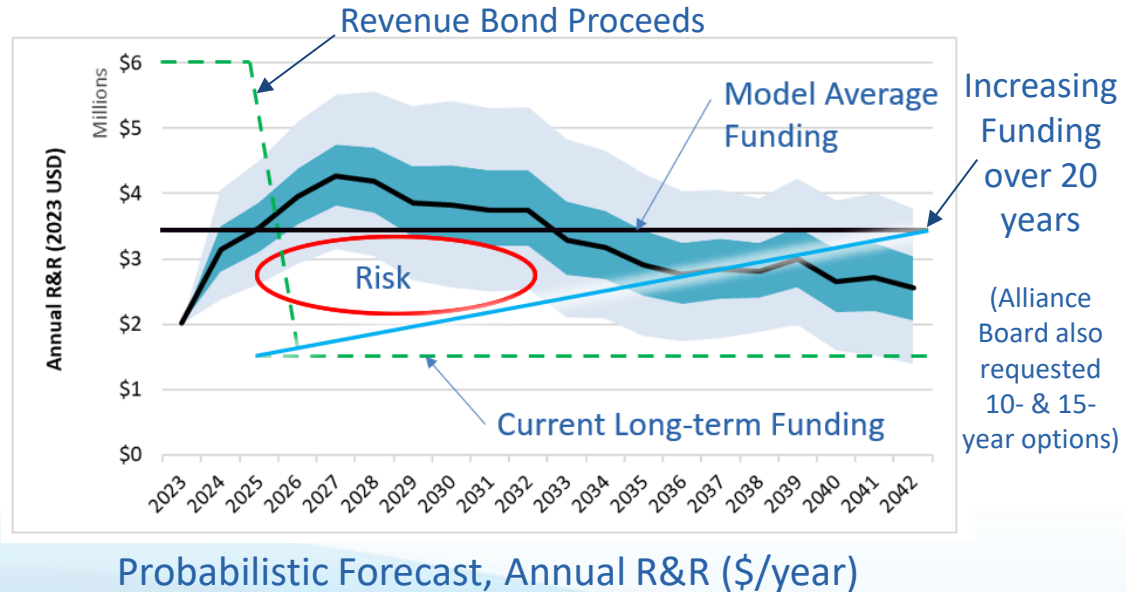
# Capital Program Report

## Repair and Replacement Program



- Asset Management Program in Development

- Risk component embraced by Alliance
- New Project Needs Being Identified
  - Typically Smaller Projects
  - Some High Priority/ On-Demand Needs





# Capital Program Report





## Repair and Replacement Program



- Defined Projects

- SCTP Primary Clarifier Mechanism Replacement
- SCTP Primary Sludge Pump Replacement
- SCTP Dewatering Equipment Replacement
- 117<sup>th</sup> Street Pump Station Controls Replacement
- SCTP UV System Replacement
- SCTP Influent Flow Meter Replacement
- SCTP Influent Aeration Equipment Replacement
- Four Projects Deferred (Phase 6 alignment)

**Legend:**

	<i>Project Contracted</i>
	<i>Project in Final Design (60-90-100%)</i>
	<i>Project in Pre-Design (Basis of Design to 30%)</i>
	<i>Project Temporarily On Hold</i>



# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Construction Phase

- SCTP Primary Clarifier Mechanism Replacement

- Work self performed by District maintenance staff
    - Final clarifier placed into service in October
    - Project costs
      - Initially estimate: \$2.0M
      - District self performed cost: \$0.7M





# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Construction Phase
  - SCTP Primary Sludge Pump Replacement
    - Project complete and in service
    - Contractors completing “punch list” work
    - One instrument not working reliably – troubleshooting issue
    - Engineering documentation and staff training in motion





# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Construction Phase

- 117<sup>th</sup> Street Pump Station Controls Replacement
  - Project complete and in service
  - Contractors completing “punch list” work
  - Engineering documentation and staff training in motion
  - Facility ready for winter season



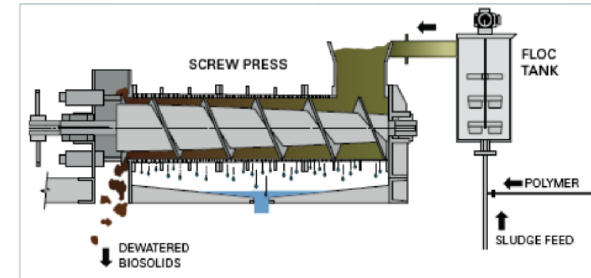


# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Bid 1Q 2026
  - SCTP Dewatering Equipment Replacement
    - Project moving from 90% to 100% design
    - Anticipate bid/award late 1Q/early 2Q 2026
    - Construction period through 2027
    - Coordinating construction staging with other efforts in this area of SCTP site
      - Digester cleaning project
      - Biosolids handling (year-round)





# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Bid 1Q 2026
  - SCTP UV System Replacement
    - Project moving from 90% to 100% design
    - Have withdrawn BABA waiver, planning to use equipment sourced in Grand Rapids, MI
    - Anticipate bid/award late 1Q/early 2Q 2026
    - Construction period through 2027
    - Completing grant agreement with EPA for \$3M federal “earmark”
      - Delayed due to federal government shutdown
      - Working to finalize before next deadline – January 30



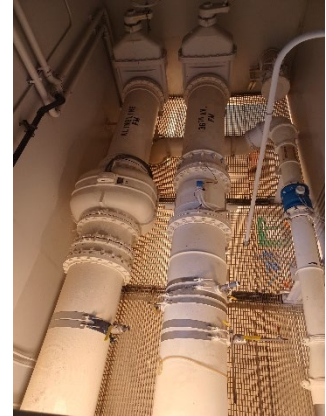


# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Project Definition
  - SCTP Influent Flow Meter Replacement
    - Have developed initial bypassing concept
    - Cleaning/inspecting existing pipes to confirm pathway
    - Engaging Clark County for applicable permits
    - Putting design package together
    - Best case scenario – bid 1Q 2026, construct 2Q/3Q 2026
    - Could become 2027 project
      - If permitting effort more significant than anticipated
      - If other projects bidding come in higher than expected





# Capital Program Report

## Repair and Replacement Program



- Defined Projects – Project Definition
  - SCTP Aeration Equipment Replacement
    - Best candidate project for future state/federal grant (“energy efficiency and modernization” theme)
    - Basis of Design memo complete
    - Starting 30% design
    - Special evaluation for BABA compliant equipment, if successful in obtaining federal funds
      - Initial review identified 3 possible manufacturers
      - Progress on design will depend on available budget





# Capital Program Report

## Repair and Replacement Program



- Building Systems Projects
  - Operations Center HVAC Replacement
    - Plan to bid 1Q 2026 for 2Q/3Q work
    - Sequence and lab compliance plan developed
  - SCTP Lighting Replacement
    - In motion – going well – complete in January
  - SCTP Building 10 Ceiling Repair
    - Work complete – insurance claim pending
  - SCTP Entrance Gate Replacement
    - Work deferred to align with Phase 6 improvements



Legend:	
	Project Contracted
	Project in Final Design (60-90-100%)
	Project in Pre-Design (Basis of Design to 30%)
	Project Temporarily On Hold



# Capital Program Report

## Repair and Replacement Program



- Allowance Projects
  - SCTP Groundwater Well #1 Replacement
    - CCPH regulating as Group B public water system
    - New well only allowed as bridge to public water supply
    - Screening public water supply options/costs before proceeding
    - Testing operations solution in existing well (lower volume pump placed at a higher elevation in well)
  - SCTP Odor Control System Improvements
    - Improvements being designed
    - Anticipate constructing in 2026





# Capital Program Report

## Repair and Replacement Program

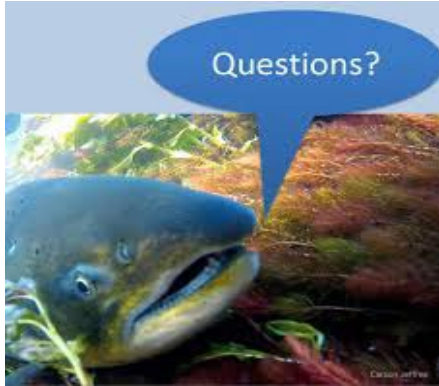


- Next Budget Update
  - 1Q 2026 Significant Project Efforts
    - Bid/Award Operations Center HVAC Project (\$2.2M)
    - Bid/Award UV System Replacement Project (\$7.3M)
    - Bid/Award Dewatering Equipment Replacement (\$9.3M)
    - Define Digester Gas Treatment Project (\$ TBD)
    - Define Ridgefield Effluent Cooling Options (\$ TBD)
  - 2Q 2026 Update Alliance Capital Program
    - Confirm Budget Status
    - Pause or Phase Other Projects (if needed)





# Capital Program Report



## **John M. Peterson, P.E.**

Executive Director  
Discovery Clean Water Alliance

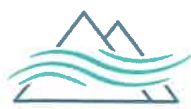
General Manager  
Clark Regional Wastewater District

(360) 993-8819  
[jpeterson@crwwd.com](mailto:jpeterson@crwwd.com)



# **Attachment A**





September 5, 2025

VIA CERTIFIED MAIL

Matt Jenkins  
Clark Regional Wastewater - Salmon Creek WWTP  
15100 NW McCann Rd  
Vancouver, WA 98685

RE: Notice of Violation No. 11503; Exceedance of Emissions and Failure to Report.

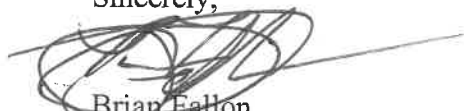
Dear Matt Jenkins:

This letter is to notify you that the Southwest Clean Air Agency has issued you the enclosed Notice of Violation for being in violation of ADP 24-3644; Emissions and Reporting. Please read it carefully and call Bryan Smith at (360) 574-3058, extension 122, if you have any questions.

You have the option to provide the Agency with additional information and are encouraged to do so, particularly if you believe you were not in violation or there are other mitigating factors the Agency should be aware of. You are also welcome to provide evidence of any corrective actions you have taken or will take, as evidence of prompt and effective corrective actions may reduce your penalty if a penalty is assessed. Please submit this information within the next 30 days.

If you have questions about corrective actions, please contact me at (360)574-3058 ext. 138 or [brian@swcleanair.gov](mailto:brian@swcleanair.gov). You may also schedule a meeting with Agency management if you would like to discuss this in person.

Sincerely,

  
Brian Fallon  
Air Quality Specialist







## No. 11503

DATE OF VIOLATION: August 27, 2025		TIME OF VIOLATION: <i>(if applicable)</i> 11:00 am	
LOCATION OF VIOLATION: 15100 NW McCann Road, Vancouver, WA 98685			
RESPONSIBLE PARTY / PROPERTY OWNER / FACILITY NAME: Clark Regional Wastewater - Salmon Creek WWTP / Matt Jenkins			
MAILING ADDRESS: 15100 NW McCann Road, Vancouver, WA 98685			
PHONE NUMBER: 360-946-7684		EMAIL ADDRESS: mjenkins@crwwd.com	
		SWCAA ID: 1834	

IN VIOLATION OF (REGULATION/PERMIT/ORDER):	DID CAUSE OR ALLOW:
ADP 24-3044 (1)	Facility exceeded plantwide SO2 2024 emissions limit of 3.19 tpy.
ADP 24-3044 (4)	Facility exceeded digester waste gas burner SO2 limit of 3.16 tpy.
ADP 24-3044 (5)	Facility exceeded biotrickling filter H2S annual limit of 518lbs/yr.
ADP 24-3044 (14)	Facility exceeded annual digester gas H2S concentration of
ADP 24-3044 (35)	400ppm.
ADP 24-3044 (36)	Facility failed to report malfunction of digester gas H2S control
ADP 24-3044 (37)	system which caused permit deviations and excess emission.

During the site inspection on August 27, 2025 H2S concentration in the digester gas was observed to be at 1400ppm well above the 600 hourly /400 annual limit. The 2024 annual average was reported to be 1015.25 ppm. The facility did not contact SWCAA prior to inspection to report and discuss permit deviations. During the file review it was observed that the H2S concentration from the preliminary/primary biotrickling exceeded the permitted concentration of 0.5 ppm or 99% control with a reported annual average of 1.20ppm H2S inlet and 0.92 ppm H2S outlet. The facility did not contact SWCAA prior to inspection to report and discuss permit deviations.

The two H2S overages resulted in both plantwide and digester gas waste burner SO2 limits to be exceeded as well as failure of the facility to report process upset, excess emissions and permit deviations as required.

SWCAA REPRESENTATIVE: <b>Brian Fallon</b>	DATE ISSUED: <b>September 5, 2025</b>
PHONE NUMBER: <b>360-574-3058 ext 138</b>	EMAIL ADDRESS: <b>brian@swcleanair.gov</b>

<input type="checkbox"/> IN PERSON <input checked="" type="checkbox"/> USPS CERTIFIED MAIL <input type="checkbox"/> ELECTRONIC MAIL	IF DELIVERED IN PERSON NAME / TITLE OF RECIPIENT:
	(SIGNING NOTICE DOES NOT CONSTITUTE AN ADMISSION OF GUILT)





Discovery Clean  
Water Alliance

## Staff Report

*Board Meeting of December 19, 2025*

### 6c. Treasurer Report – Third 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
  - Third Quarter 2025 Financial Report

**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

Alliance  
Board of Directors  
December 19, 2025



Laying the foundation  
for a **vibrant economy**  
and **healthy environment**



# Treasurer Report



- Financial Management / Reporting Update
  - Third Quarter 2025 Financial Report
  - SCTP Phase 5 PWB Loan Closeout
- Budget / Annual Report/Audit Update
  - 2025 Annual Comprehensive Financial Report (ACFR) and SAO Audit





# Financial Management/ Reporting Update

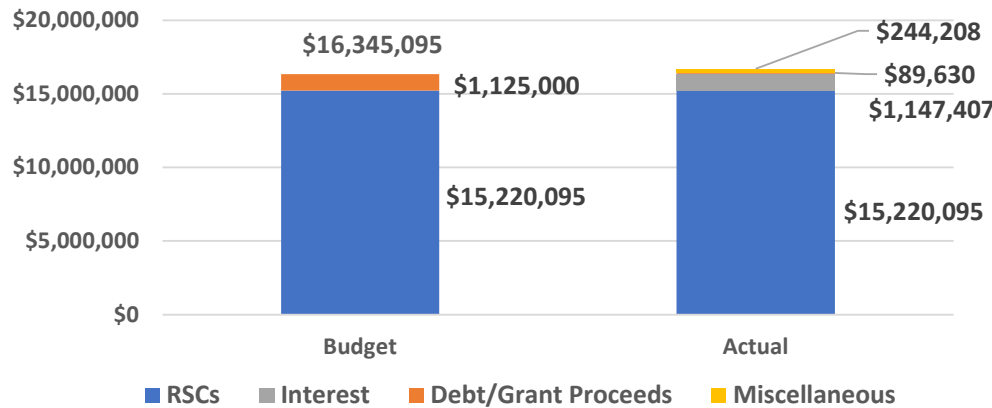


# Third Quarter 2025 Financial Report



## • All Funds – Sources and Uses

Total Sources Q3 = \$16,701,340

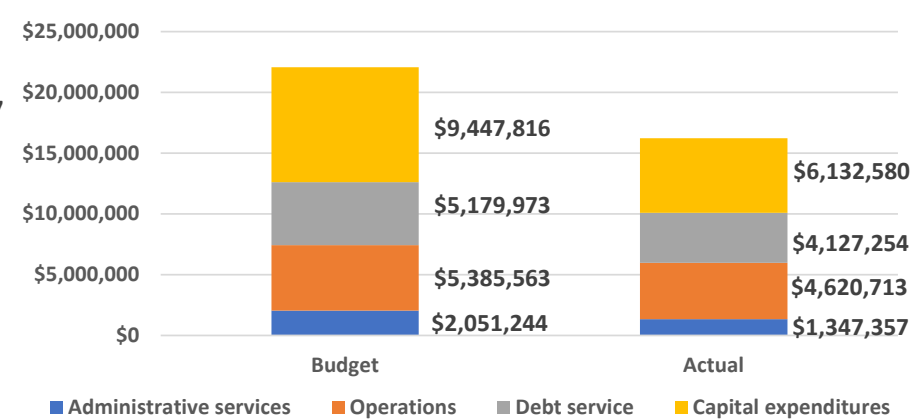


### Total Sources - \$356k (2.2%) over budget

- RSCs – \$15.2M; 100.0% of budget
- Interest income – \$1.1M\*
- Debt/grant proceeds – Budgeted \$3M EPA grant. Actual \$89k from previous PWB loan
- Miscellaneous income - \$0.2M\*; Insurance proceeds related to Building 10 Ceiling Repair

\* Not formally budgeted

Total Uses Q3 = \$16,227,904



### Total Uses - \$5.8M (26.5%) under budget

- Administrative services – \$1.3M; under budget 34.3% due to unfilled Administrative Lead positions.
- Operations – \$4.6M; 14.2% under budget
- Debt service – \$4.1M; 20.3% under budget due to timing of debt service payments
- Capital – \$6.1M; 35.1% under budget

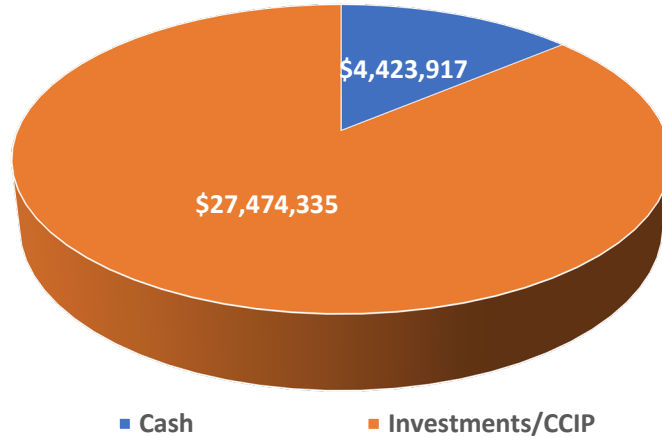


# Third Quarter 2025 Financial Report



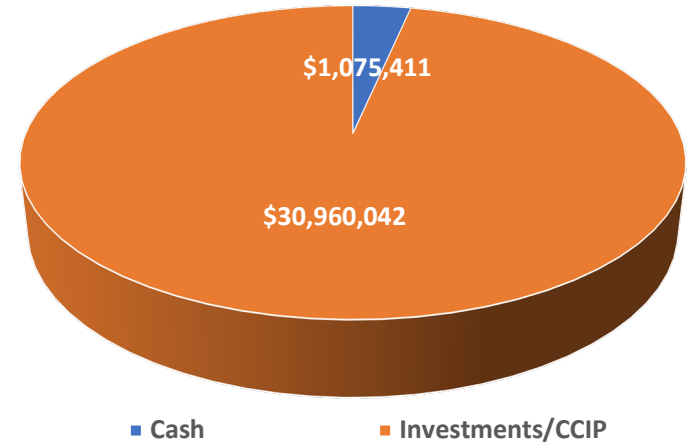
- All Funds - Cash and Investments

Total Cash and Investments = \$31,898,252



As of September 30, 2025

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



As of December 31, 2024



# SCTP Phase 5 PWB Loan Closeout



- The Alliance was awarded a low-interest \$10M Public Works Board (PWB) loan in October 2021 for the SCTP Secondary Process Improvements project
- The final draw on this loan was received in October 2025
- By completing the project in less than 48 months, the Alliance received a 0.25% interest rate reduction, for a final interest rate on the loan of 0.69%, a savings of \$275K
  - Compared to publicly issued debt, the PWB loan saved the Alliance approximately \$1.5M in interest costs





# Budget / Annual Report / Audit Update



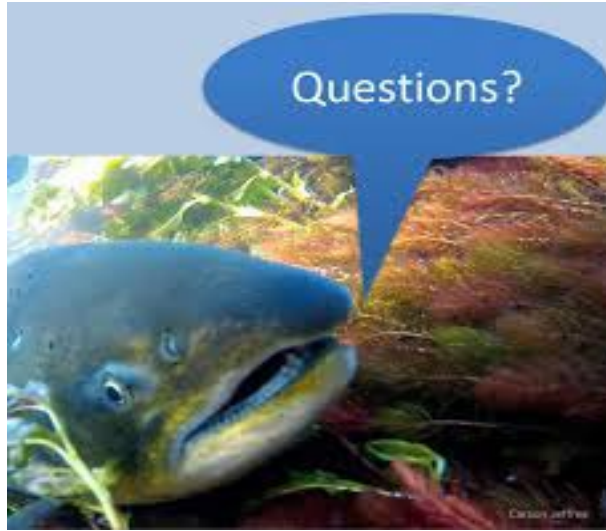
# 2025 Annual Comprehensive Financial Report (ACFR) and SAO Audit



- January/February/March
  - Annual Report Preparation
- April
  - SAO Audit begins
- May
  - Final Annual Report uploaded to SAO
  - Annual Report submission to GFOA Certificate of Achievement Award



# Treasurer Report



## David Logan

Treasurer,  
Discovery Clean Water Alliance

Finance Director,  
Clark Regional Wastewater District

(360) 993-8802  
[dlogan@crwwd.com](mailto:dlogan@crwwd.com)





Discovery Clean  
Water Alliance

## Staff Report

*Board Meeting of December 19, 2025*

### 6d. Regulatory Compliance Program Report

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 regulatory tracking and compliance.

Please see the attached presentation covering the following:

- Industrial Pretreatment Program
- Washington Wastewater-Based Epidemiology (WAWBE) Project
- PFAS: Federal & State Regulation
- PFAS in Biosolids: Processes and Timelines
- Permit Updates

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



# Discovery Clean Water Alliance

Regulatory Compliance Program Report

Alliance  
Board of Directors  
December 19, 2025



Laying the foundation  
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and **healthy environment**



# Regulatory Program Report



- Industrial Pretreatment Program
- WA Wastewater-Based Epidemiology (WAWBE) Project
- PFAS: Federal & State Regulation
- PFAS in Biosolids: Processes & Timelines
- Permit Updates







# Industrial Pretreatment Program



# Industrial Pretreatment Program



## Industrial User (IU) Permitting & Compliance Monitoring

- All SIUs and MIUs in compliance with program requirements
- Annual monitoring activities completed for 2025
- 2025 program report in development



## Local Limits Study

- Requirement of SCTP NPDES permit (updates to reflect Phase 5 expansion)
- Sampling and data analysis complete, report in review
- Updates to be adopted by Board after ECY approval



## Fats, Oils and Grease (FOG) Program

- 433 Current FOG Users (+7 from Q2 2025)
- 406 facility inspections through Q3 2025, 99% compliance rate



WASTE CONNECTIONS  
*Connect with the Future*







# Washington Wastewater-Based Epidemiology (WAWBE) Project

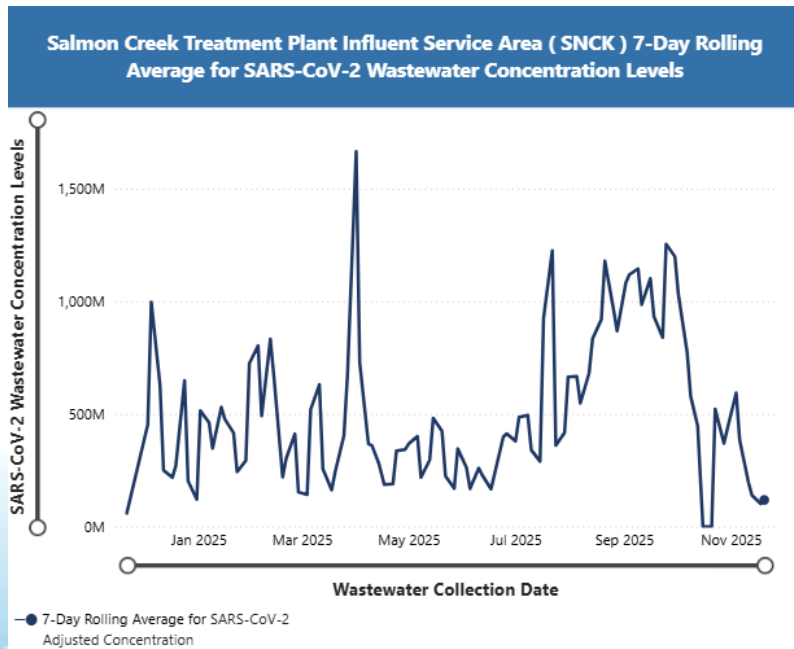


# Washington Wastewater-Based Epidemiology (WAWBE) Project

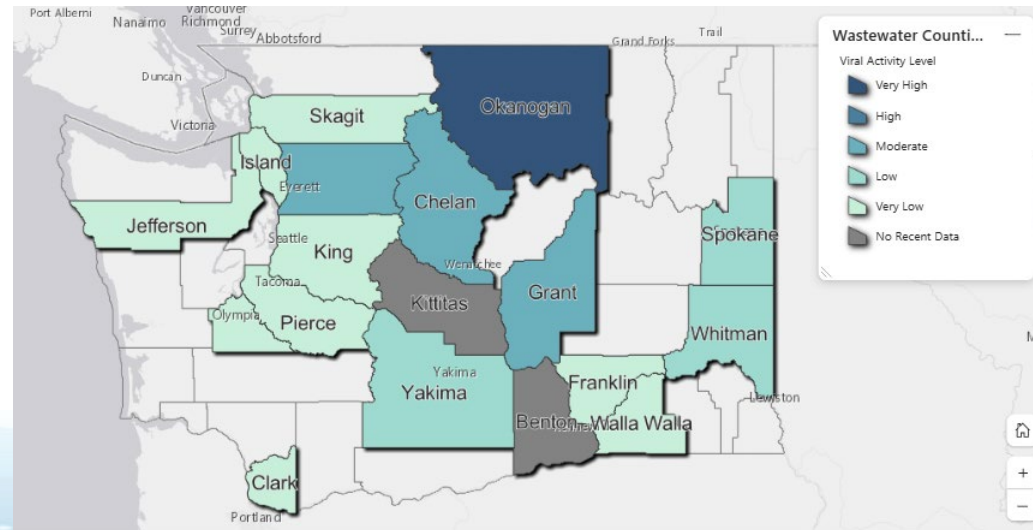


WA Dept. of Health - Monitoring for COVID-19, Influenza and RSV

SCTP Results as of 12/3/25:



Statewide trends – Viral Activity by County:







# PFAS: Federal & State Regulation



# PFAS – Federal Regulatory Efforts



Actions started under previous administration have been delayed and/or status is unclear:

- **POTW “Influent Study”**
- **Human Health WQ Criteria**
  - Public comment closed April 2025
- **PFAS Testing Methods (EPA 1633, 1621)**
  - Approved by EPA but not yet promulgated
- **Resource Conservation and Recovery Act (RCRA):**
  - Proposal to list 9 PFAS as “hazardous constituents” (chemicals of concern) – pending finalization
- **CERCLA designations (hazardous substances):**
  - PFOA, PFOS designations finalized in 2024
  - Continued focus on legislative exemption for utilities



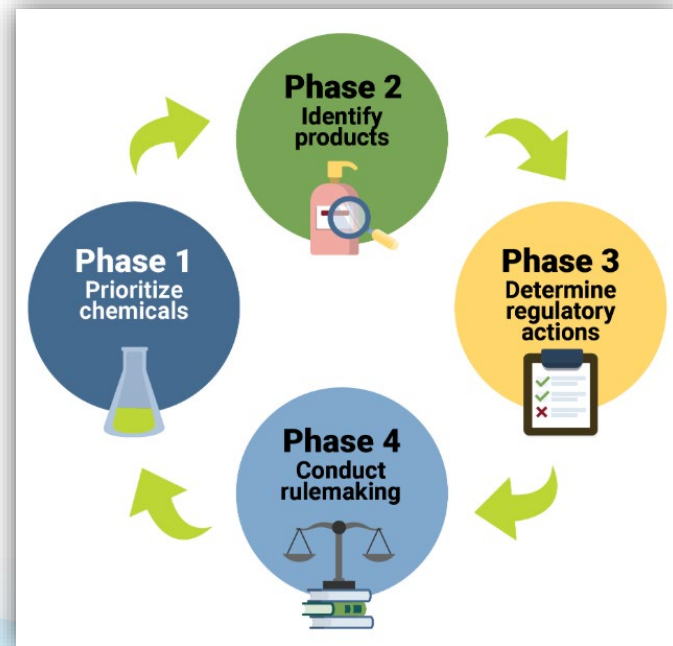


# PFAS – State Regulatory Efforts



## Focused on source reduction & pollution prevention

- **NPDES Permit Requirements**
  - WWTP Monitoring, Pretreatment Program
- **Aquatic Life WQ Criteria (PFOA, PFOS)**
  - EPA draft recommendations adopted and in effect
- **Safer Products for WA Program**
  - Cycle 1.5 – PFAS Rule Adopted November 2025
    - Restrictions for apparel, cleaning products, and vehicle washes
    - Reporting requirements for cookware, firefighting PPE, travel/recreational gear, waxes/sealers, etc.
    - Restrictions/reporting begin in January 2027
  - Cycle 2 – Phase 3 in process







# PFAS in Biosolids: Processes & Timelines



# PFAS in Biosolids: Processes & Timelines

## Federal Regulatory Actions: EPA PFAS Roadmap



### Biosolids Risk Assessment for PFOA/PFOS:

- Public comment closed August 14
  - Over 25,000 comments submitted
- Awaiting EPA's response, next steps

### Risk Assessment – Conceptual Model



Source: EPA Webinar Slides,  
<https://www.epa.gov/system/files/documents/2025-01/draft-ra-public-webinar-slides.pdf>



# PFAS in Biosolids: Processes & Timelines



## State Regulatory Actions: Biosolids General Permit

- Permit is in effect but under appeal
- PCHB hearing set for September was cancelled
  - Anticipating decision from PCHB soon
- SCTP received Notice of Provisional Coverage in July





# PFAS in Biosolids: Processes & Timelines



## Other State Actions: Ecology PFAS Study

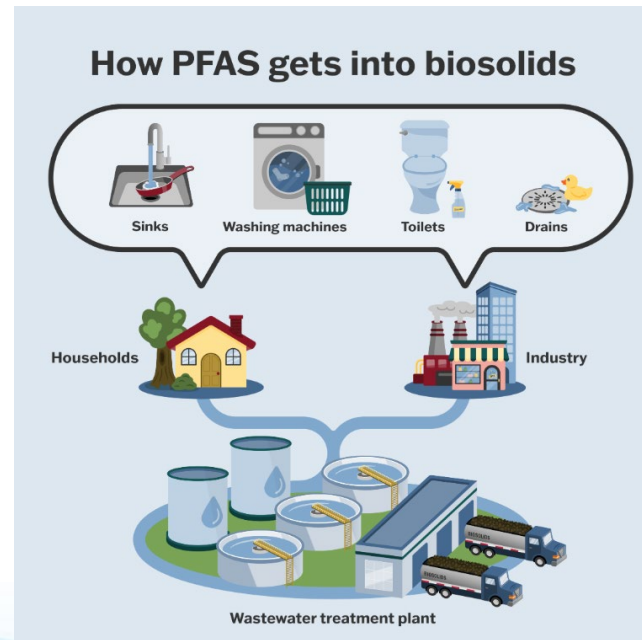
Final report published in September

### Results:

- WA biosolids have low PFAS levels, consistent with other states with no PFAS manufacturers
  - Would be allowable for land application under both Michigan and Colorado standards
- Nearly all samples had some PFAS, regardless of WWTP size, location, or service area (industrial vs. residential)
- Testing challenges identified that will inform future sampling

### Next steps:

- SB 5033 implementation (Amended Chapter 70A.226 RCW)
  - ECY guidance by 2026, sampling in 2027-2028
  - ECY assembling short-term workgroup to inform guidance development (Alliance participating)



Source: ECY Study Focus Sheet, Sept. 2025

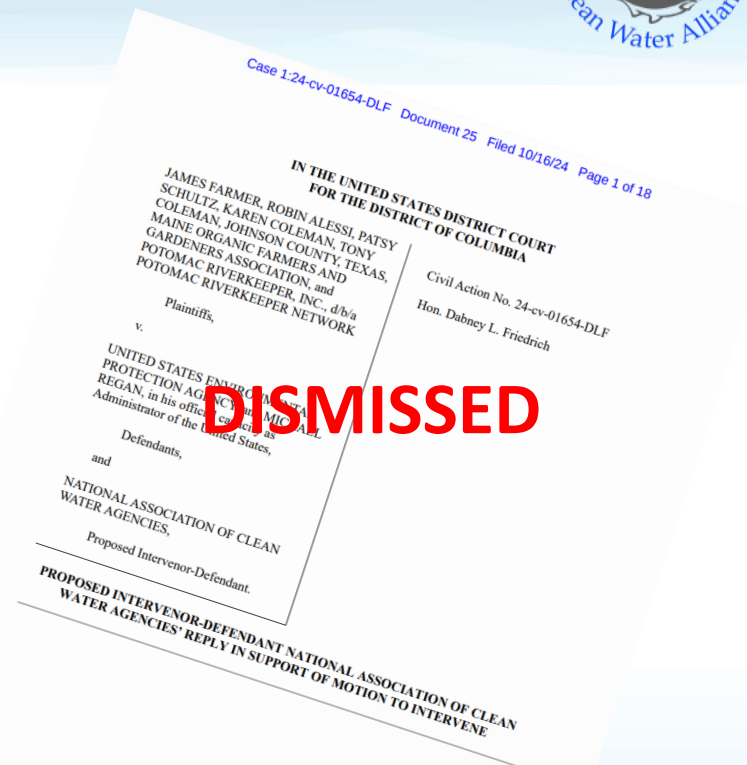


# PFAS in Biosolids: Processes & Timelines



## Legal Actions: *Farmer et al. v. US EPA*

- Federal lawsuit to force PFAS regulation in biosolids, bypassing rulemaking process and public input
- NACWA & EPA's motion to dismiss was granted in September





# Biosolids Processes and Timelines



## BIOSOLIDS PROCESSES AND TIMELINES

UPDATED 12/4/25

Category	Level	Process	2024		2025												2026					
			Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Legislative	Federal	Federal Session Calendar & Important Dates S. 1430 CERCLA Liability	Election																			
	State	State Session Calendar & Important Dates House of Origin Cutoff Opposite House Cutoff Last Day of Session SB 5033 - Sampling/testing biosolids for PFAS chemicals Prefiled bill Senate - Passed out of policy committee Senate - Ways & Means, Rules - Passed House Actions - Committees - Passed After Passage - Signed by Governor	Election				21-Mar	16-Apr 27-Apr														
Regulatory	Federal	EPA - Biosolids Risk Assessment Risk Assessment - Draft Public Notice & Comment Period EPA Response to Comments Risk Assessment - Final Risk Management/Rulemaking															14-Aug					
	State	Ecology - General Permit Process Response to public comments (SEPA & DNS) Permit Reissuance Permit Effective Date (30 days after issuance) Applications for Coverage Due (90 days after issuance) Appeals Process			2-Jan	1-Feb		1-Apr														
		Ecology - PFAS Study Data Validation/Results sent to Participants Draft Report for Stakeholder Review Final Report Published Guidance published by July 1, 2026 (per SB 5033) Workgroup/advisory committee process			31-Jan																	
		Legal	Federal	Farmer et al. v. EPA/NACWA (PFAS regulation for biosolids )	dismissed																	





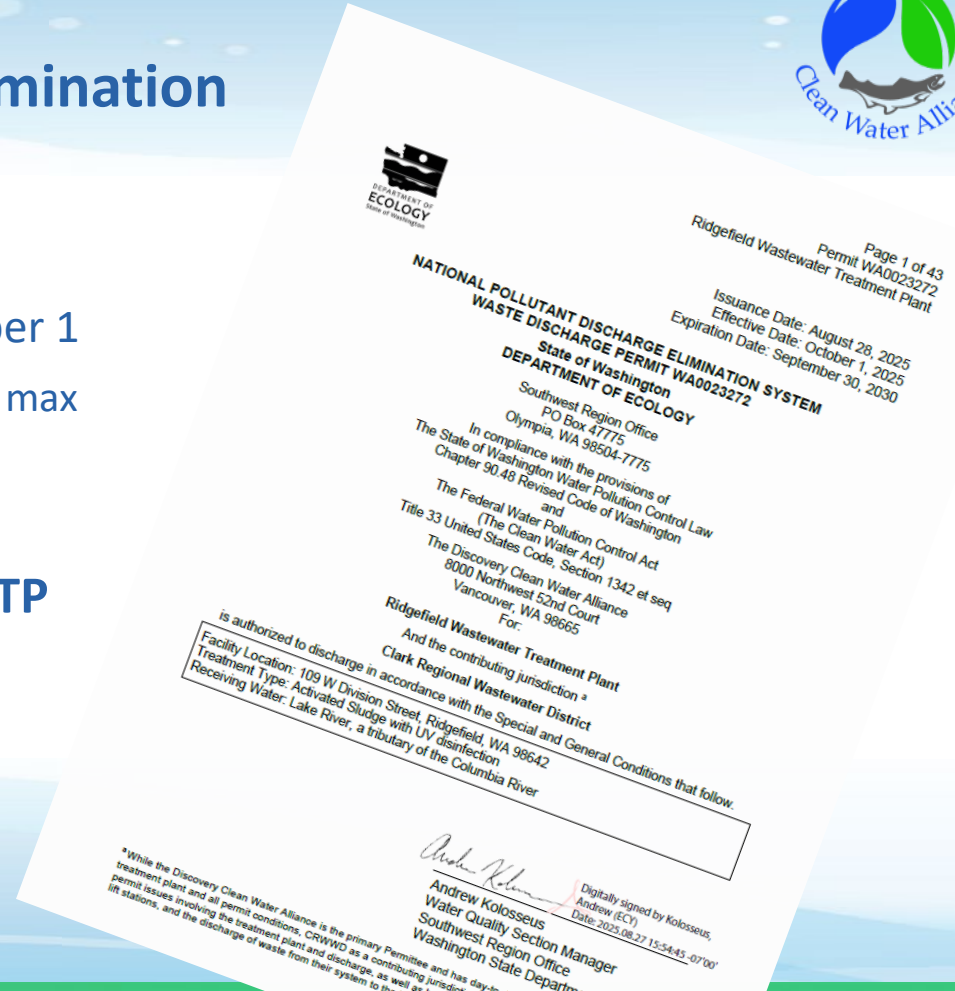
# Permit Updates



# Permit Updates

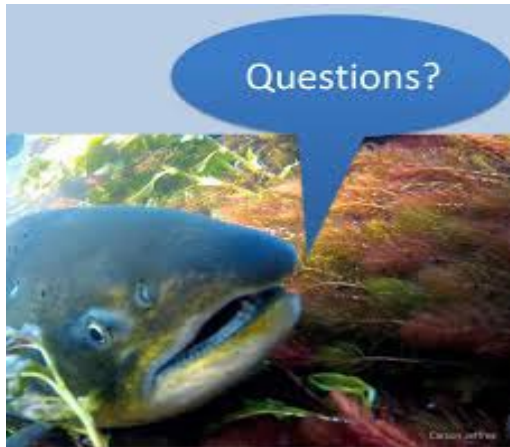
## National Pollutant Discharge Elimination System (NPDES) Permits

- **Ridgefield WWTP:**
  - Final permit issued effective October 1
    - New temperature effluent limit – max daily 24.6 °C
  - Alternatives analysis in process
- **City of Vancouver – Westside WWTP**
  - Draft permit received
  - Entity Review ongoing





# Regulatory Program Report



## Kristen Thomas

Regulatory Compliance Manager  
Clark Regional Wastewater District

(360) 993-8833

[kthomas@crwwd.com](mailto:kthomas@crwwd.com)





Discovery Clean  
Water Alliance

## Staff Report

*Board Meeting of December 19, 2025*

### 6e. 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
  - Liquids Treatment Update
  - Biosolids Management Evaluation
  - Support Facilities
  - Other Supporting Elements

**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

Alliance  
Board of Directors  
December 19, 2025



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and **healthy environment**



# 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







# Flow/Load Projections



# Flow/Load Projections



Delays in County process are impacting timeline and data availability from Battle Ground & District GSP models

## Delays Especially Impacting Peak Hour Flow (PHF) Projections:

- Affects Battle Ground Transmission Options
- Affects 117<sup>th</sup> St Pump Station Capacity Assessment

## Work is proceeding on other areas for SCTP

- SCTP rating is based on Maximum Month Flow (MMF)
- Initial Projections Provided by Engineering team
- Expansion timing will be adjusted to fit GSP projections

Clark Co. Comp Plan Update

City Comp Plans:  
Ridgefield, Battle Ground,  
Vancouver

General Sewer Plans:  
Battle Ground, District

Alliance General Sewer Plan



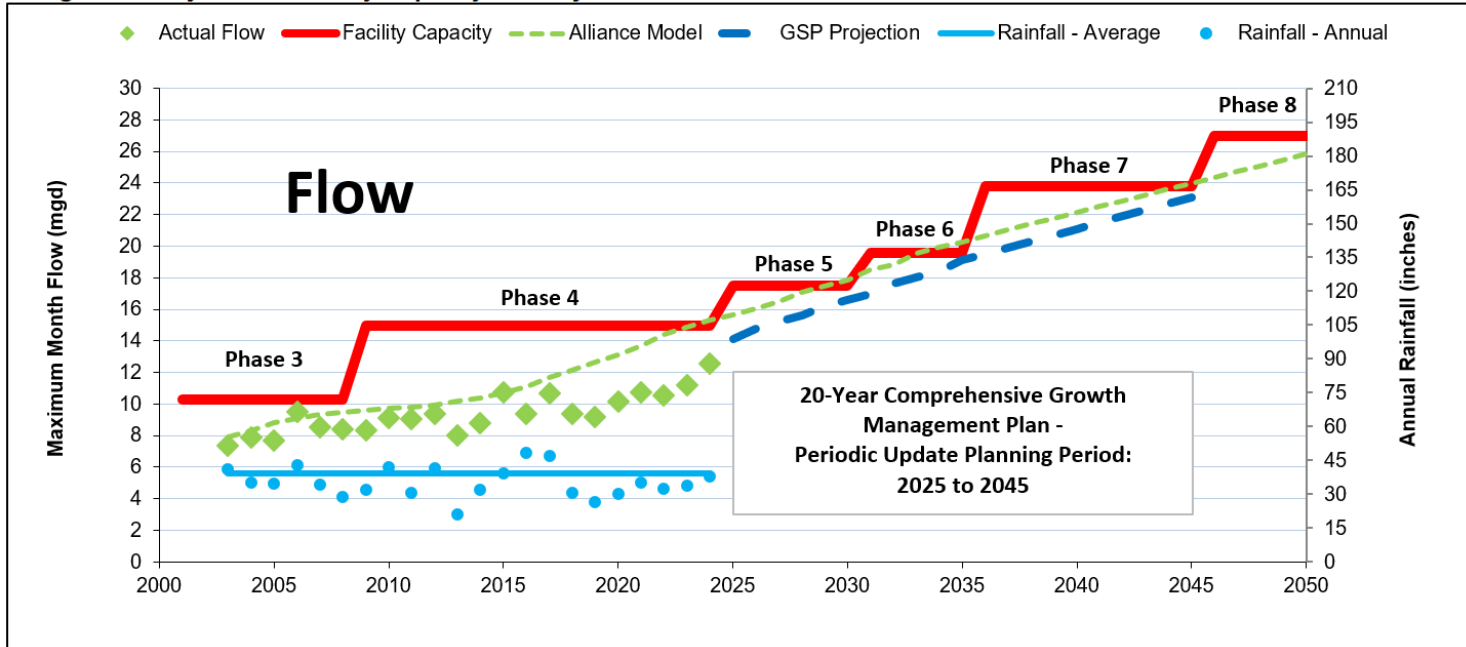
# Flow/Load Projections



## Flow Projections – DRAFT

### Salmon Creek Wastewater Treatment Plant and Outfall

#### Long Term Projection - Facility Capacity vs. Projected Demand - Influent Flow





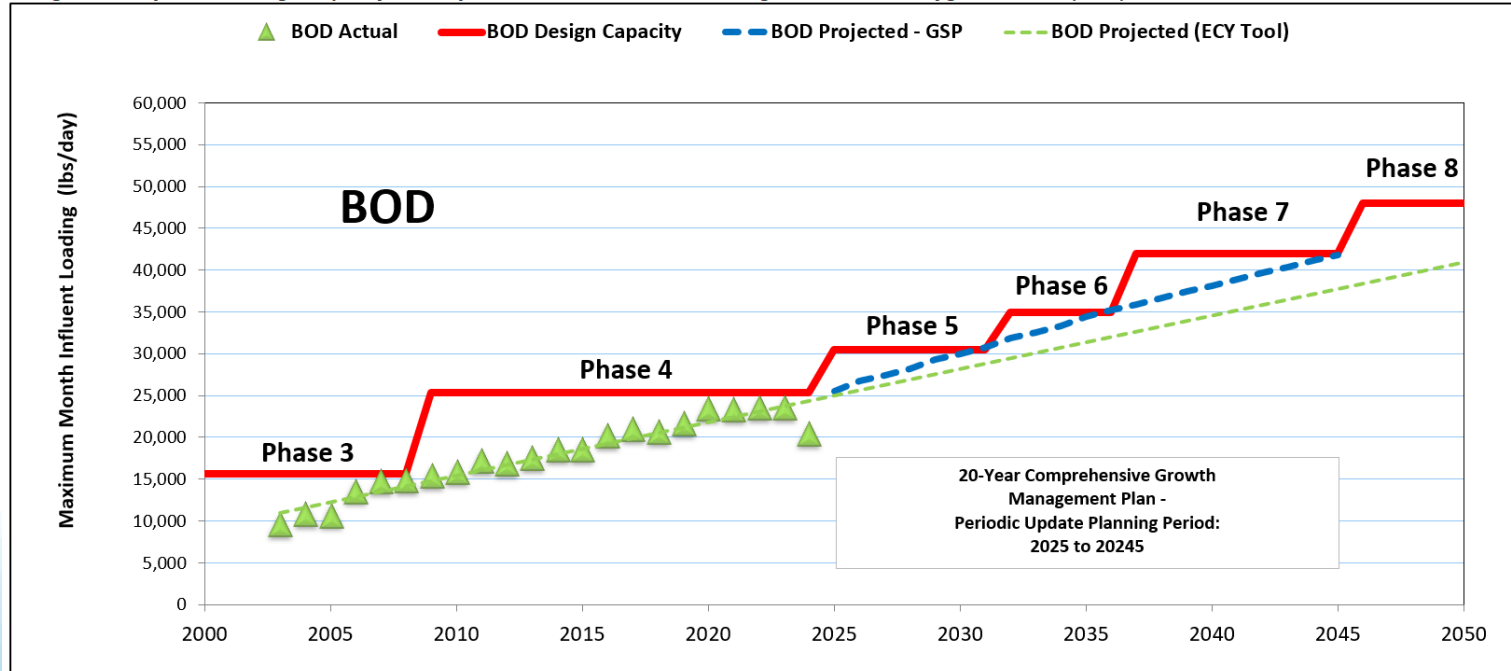
# Flow/Load Projections



## BOD Projections – DRAFT

Salmon Creek Wastewater Treatment Plant and Outfall

Long Term Projection - Design Capacity vs. Projected Demand - Influent Loading - Biochemical Oxygen Demand (BOD)



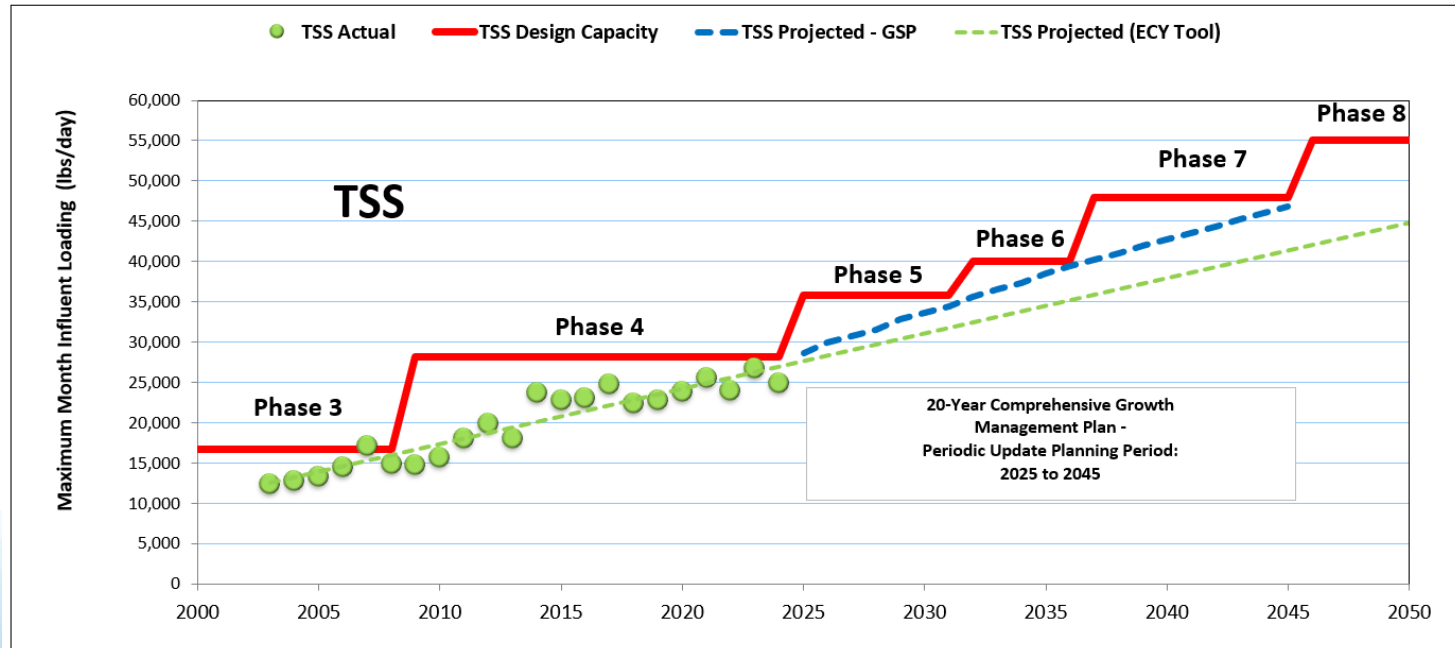


# Flow/Load Projections

## TSS Projections – DRAFT



Salmon Creek Wastewater Treatment Plant and Outfall  
Long Term Projection - Design Capacity vs. Projected Demand - Influent Loading - Total Suspended Solids (TSS)







# Battle Ground Transmission Options



# Battle Ground Transmission Options



Identify and analyze transmission routes and confirm timing/phasing of options

## Work Completed:

- Defined alternatives for further study
- Developed draft decision criteria

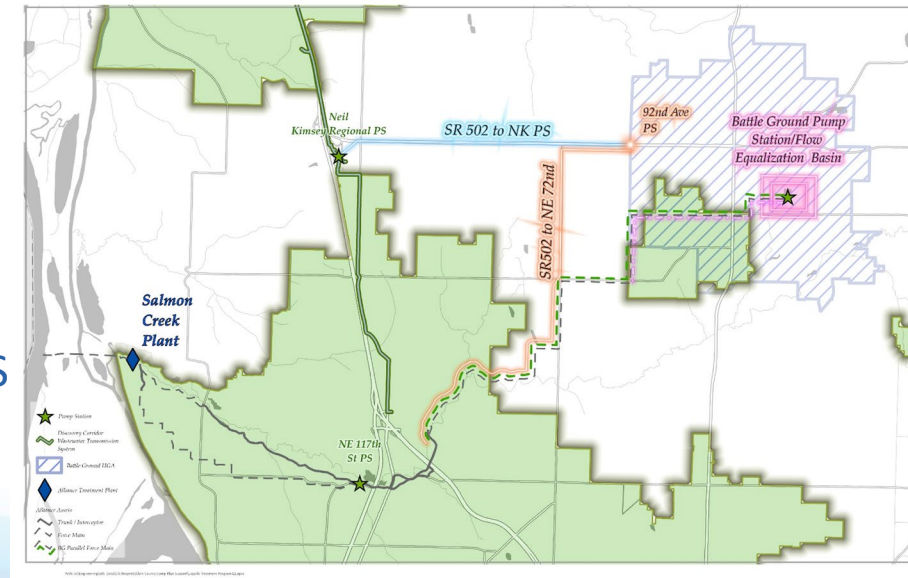
## Work in Process:

- Evaluating existing capacity of Battle Ground's EQ Basin and FM (aligned with City GSP update)
- Determine if capacity is available in DCWTS

## Work upcoming:

- Complete modeling/feasibility, costs and other factors for future evaluation
- Coordinate w/ other agencies (WSDOT, Clark County, CPU)

## BG Transmission Alternatives:



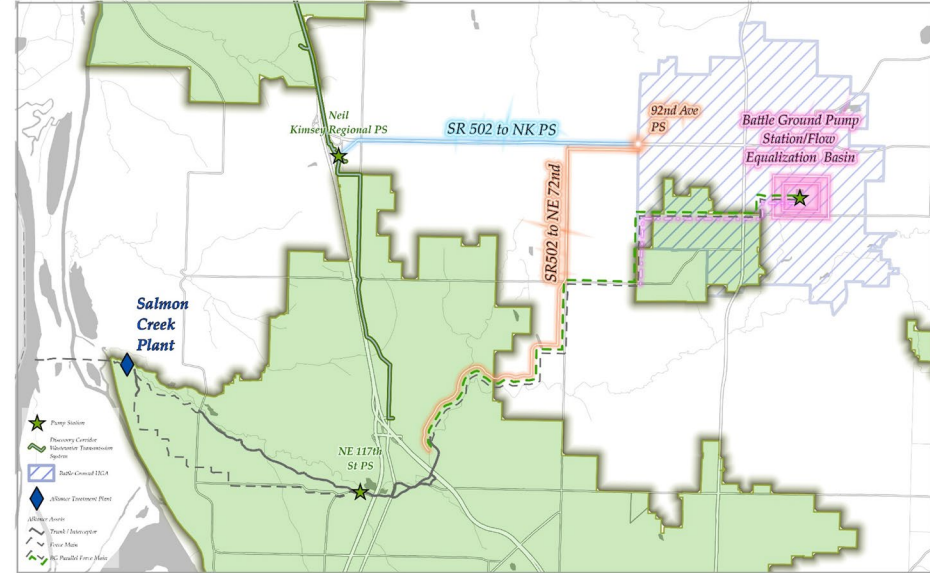


# Battle Ground Transmission Options



## Alternatives in consideration:

OPTION		SUB-OPTION	COMPONENTS
CONCEPT/DESCRIPTION			
A	BASELINE	A-1	Parallel FM - Single Phase
		A-2	Parallel FM - Phased Approach
B	EXISTING SYSTEM OPTIMIZATION	B-1	Expanded EQ Basin Only
		B-2	Parallel Upper FM Only
		B-3	Expanded EQ Basin & Parallel Upper FM
C	WEST BG DIVERSION - SR 502 to NE 72nd	C-1	New FM; System Redirection at 92nd Ave PS
D	WEST BG DIVERSION - SR 502 to Neil Kimsey PS	D-1	Option D feasibility pending further engineering study



Option	FMLength (ft)
A- Baseline	47,600
C - SR 502 to NE 72nd	37,500
D - SR 502 to Neil Kimsey PS	23,200





# Liquids Treatment Update



# Liquids Treatment Update

## Work Completed:

- Calibrated whole plant process model
- Initial review of equipment options
- Proof of concept study – Septage receiving at Battle Ground operations facility; further study pending

## Work in Process:

- Evaluating equipment upgrades and retrofitting/compatibility with existing systems
- Evaluating capacity at regional pump stations

## Work Upcoming:

- Finalize flow/load projections to complete modeling of future treatment needs (tied to District/BG GSP)
- Determine incremental capacity/phasing for planning period and future buildout of site





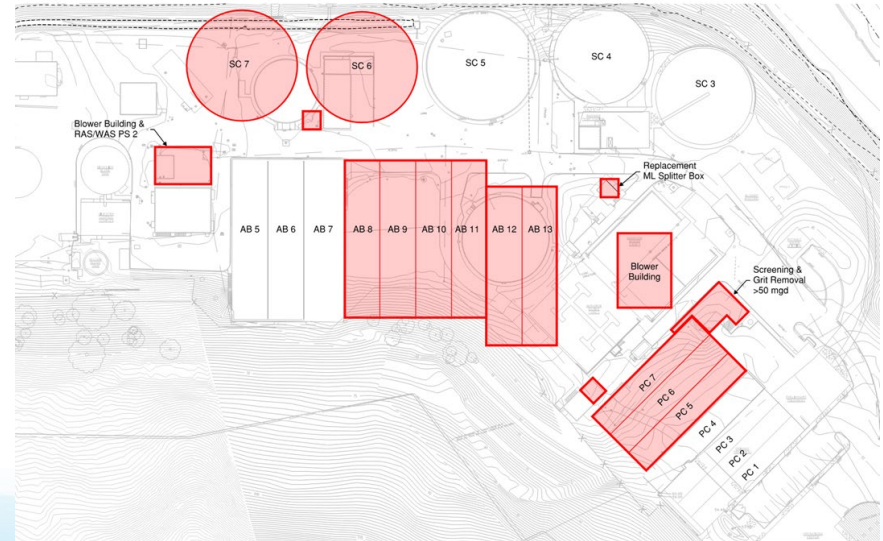
# Liquids Treatment Update



## Planning Considerations:

- Nitrification (ammonia removal)
  - Option to partially nitrify to meet water quality requirements and optimize plant performance
- Effluent temperature
  - Heat load limit in NPDES permit, based on WLA in TMDL
  - Reserve space for future cooling technology (western portion of site)

## Potential SCTP Buildout Scenario for liquids treatment:







# Biosolids Management Evaluation



# Biosolids Management Evaluation

## Work Completed:

- Market assessment & regulatory review
- Equipment/technologies review – site tours and staff workshops
- Initial screening of alternatives

## Work in Process:

- Developing and refining decision criteria
- Determining site layout and potential configurations

## Work Upcoming:

- Evaluate alternatives and make a recommendation
  - Decision will inform digester gas use options





# Biosolids Management Evaluation

## Technology “building blocks”:

### Thermal Drying

- Volume reduction, produces Class A product
- Space/layout, energy and safety considerations
- Product can be further treated (i.e. pyrolysis)



### Temperature-Phased Anaerobic Digestion (TPAD)

- Uses both high temp (thermophilic) and lower temp (mesophilic) digestion, can be “batched” to meet Class A
- Space/layout considerations for additional digesters, tanks

### Thermal Hydrolysis (THP)

- High temp, high pressure process upstream of digestion
- Improved volume and odor reduction, increased dewatering
- Complex system, O&M challenges, safety considerations
- Limited installations in US (only 7 full scale operations)





# Biosolids Management Evaluation



## Alternatives in consideration:

Process	Product Classification	Product Type	Use
Conventional Digestion (Mesophilic) – <i>current/baseline</i>	Class B	Cake	Agricultural – land application
Conventional Digestion (Mesophilic) + Thermal Drying	Class A	Granular	Land application or topsoil
Conventional Digestion (Mesophilic) + Thermal Drying + Pyrolysis *	Class A	Biochar	Topsoil/other ( <i>limited current markets</i> )
TPAD – Temperature Phased Anaerobic Digestion – <i>high temp and low temp</i>	Class A	Cake	Land application or topsoil
THP (Thermal Hydrolysis) + Digestion (Mesophilic) - <i>high temp, high pressure</i>	Class A	Cake	Land application or topsoil

*\*only option that treats PFAS*



# Biosolids Management Evaluation



## Draft Solids Decision Criteria:

### 1. Meet Regulatory Requirements

- Adaptability to future regulations

### 2. Provide Reliable Service

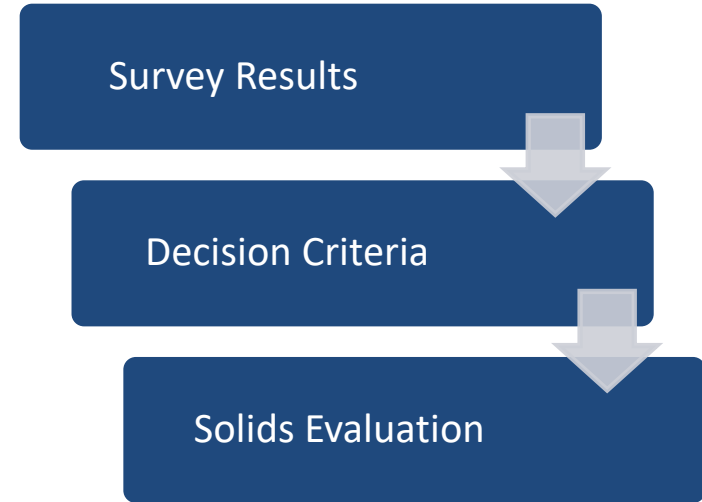
- Provide treatment system reliability
- Minimize footprint
- Produce high quality end product
- Minimize O&M risk
- Minimize process complexity

### 3. Protect the Environment

- Meet requirements for biosolids product and end uses
- Meet requirements for a changing climate

### 4. Minimize Community Impact

- Minimize odor and traffic impacts







# 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 (ECY requirement) and peer agency comparison
- Assess existing buildings and future space planning needs

## Work Upcoming:

- Review recommendations and evaluate options (December workshop)





## Other Supporting Elements



# Other Supporting Elements



## Additional Requirements:

### Financial Review

- Costs to ratepayers
- Financing strategies

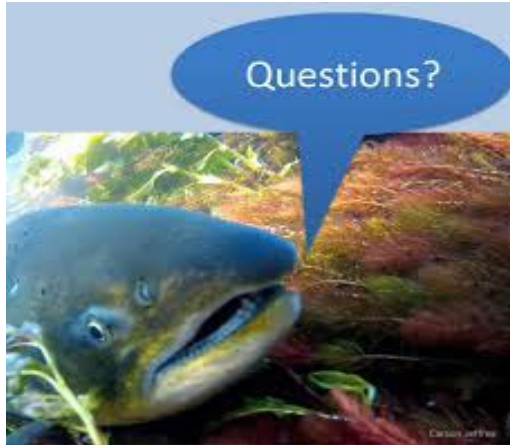
### Regulatory Compliance

- Permitting approaches – land use, shoreline, etc.
- Other environmental regulations
  - Air – SWCAA
    - Evaluate long-term treatment options
  - Stormwater – County/ECY
    - Infiltration testing to support future approach/phasing
- SEPA Review





# General Sewer Plan / Phase 6 ER Update



## Kristen Thomas

Regulatory Compliance Manager  
Clark Regional Wastewater District

(360) 993-8833

[kthomas@crwwd.com](mailto:kthomas@crwwd.com)





Discovery Clean  
Water Alliance

## Staff Report

*Board Meeting of December 19, 2025*

### 6f. 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:

- Federal Advocacy Update
  - Draft 2026 Federal Agenda Topics
- State Advocacy Update
  - Draft 2026 State Agenda Topics
- Communications Program Update
- Neil Kimsey Recognition of Service

Attachments:

- A. Draft 2026 Federal Agenda
- B. Draft 2026 State Agenda
- C. Columbian News Article – SCTP Phase 5 Completion
- D. Fall E-Newsletter
- E. Columbian News Article – Neil Kimsey Retirement

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



# Discovery Clean Water Alliance

## Administrative Lead Report

Alliance  
Board of Directors  
December 19, 2025



Laying the foundation  
for a **vibrant economy**  
and **healthy environment**



# Administrative Lead Report



- Federal Advocacy Update
  - Draft Federal Agenda
- State Advocacy Update
  - Draft State Agenda
- Communications Program Update
- Neil Kimsey Recognition of Service





# Federal Advocacy Update



# Federal Advocacy Update



- 2026 Draft Federal Agenda

- 2026 Federal Agenda Topics

- Public Agency CERCLA PFAS liability protection
    - Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES Act)
    - Discovery Clean Water Alliance: Salmon Creek Wastewater Treatment Plant Aeration Equipment Replacement







# State Advocacy Update

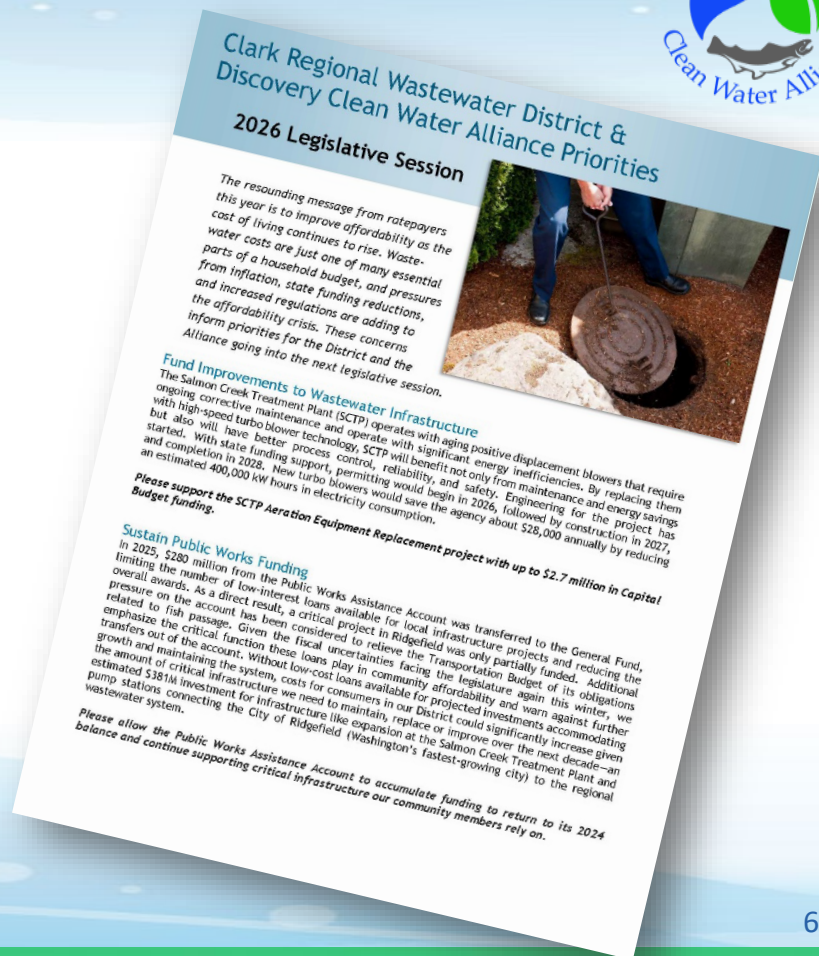


# State Advocacy Update

## • 2026 Draft State Agenda

### ○ 2026 State Agenda Topics

- Capital Budget Request – Aeration Equipment Project
- Sustain Public Works Board Funding
- Stay the Course on Biosolids Process in SB 5033







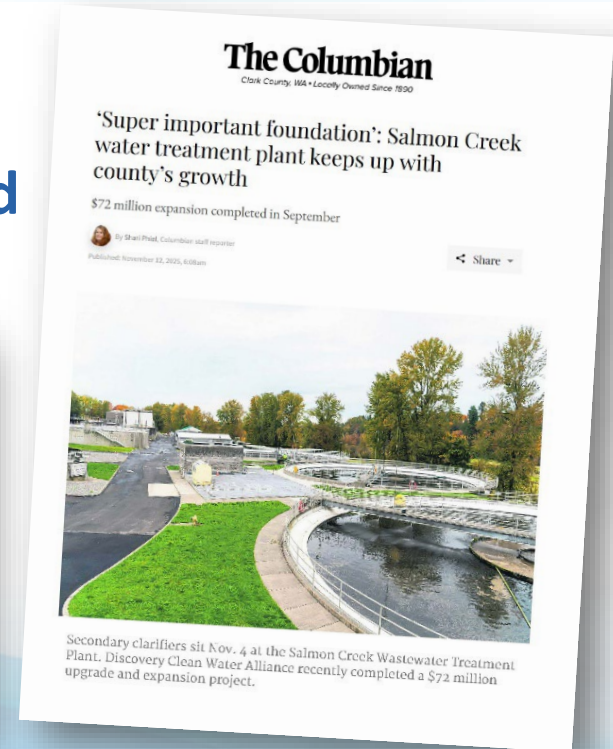
# Communications Program Update



# Communications Program Update



- **Recent/Upcoming Treatment Plant Tours**
  - Coalition for Clean Water – Sept 9
  - Clark County Solid Waste – Oct 27
  - Clark County Councilor Glen Yung – Dec 17
- **Press Release / Columbian Article attached**
- **Fall E-News Letter attached**





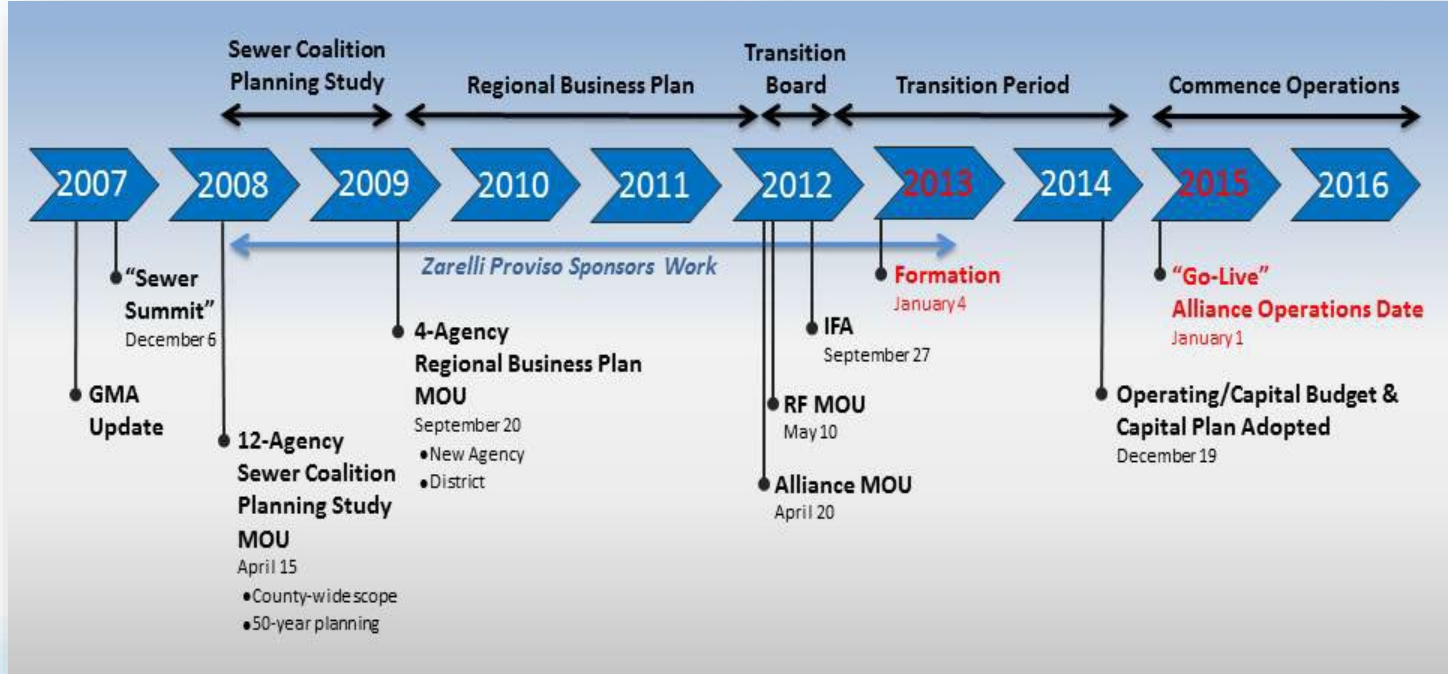


# Neil Kimsey

## Recognition of Service



# Highlights & Accomplishments





# Highlights & Accomplishments



- 2012 – Alliance MOU and Ridgefield Collection System MOU
- 2013 – Alliance Formation 01/04/2013
- **2013 – First meeting as Director on 01/18/2013, elected Secretary**
- 2014 – Ridgefield Collection System Transferred to District
- 2014 – Adoption of Operating/Capital Budget & Capital Plan
- 2015 – Alliance Operations “Go-Live” 01/01/2015





# Highlights & Accomplishments



- 2016 – Ribbon-cutting for the Discovery Corridor Wastewater System
- 2017 – Identified Columbia River DO Impairment issue
- 2018 – District Operator of Ridgefield Treatment Plant
- 2018/2019 – Columbia River Field Studies with Vancouver
- 2020 – Ecology agrees to change Columbia River Listing





# Highlights & Accomplishments



- 2021 – Clark County requests change in Operator role
- 2022 – Bidding Phase 5 Projects into disrupted marketplace
- 2022 – Alliance \$50M Bond Issuance
- 2022 – EPA changes Columbia River DO Listing
- 2022 – District Operator of Salmon Creek Treatment Plant
- 2024 – Phase 5A Outfall/Effluent Pipeline Project Completed
- 2025 – Phase 5B SCTP Expansion Project Completed
- **2025 – Ecology Recognizes Expanded SCTP & RTP Capacity**

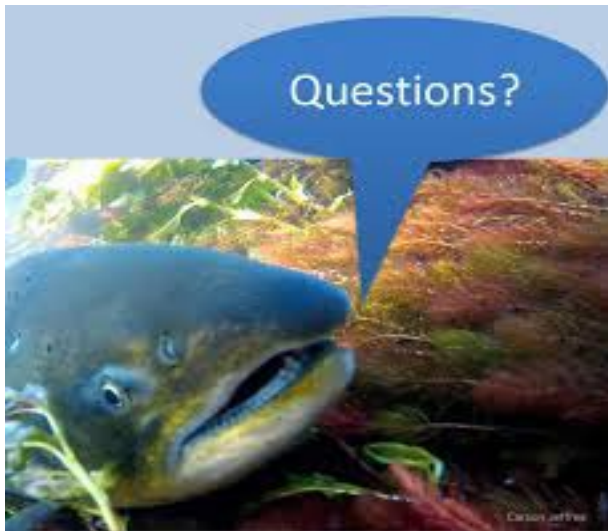


THANK YOU





# Administrative Lead Update



## **John M. Peterson, P.E.**

Executive Director  
Discovery Clean Water Alliance

General Manager  
Clark Regional Wastewater District

(360) 993-8819  
[jpeterson@crwwd.com](mailto:jpeterson@crwwd.com)



# **Attachment A**

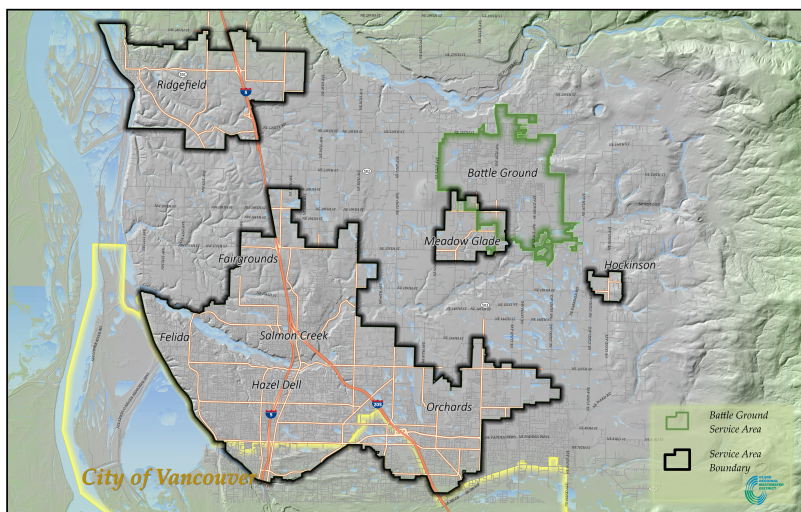


# Clark Regional Wastewater District & Discovery Clean Water Alliance Federal Priorities



## About Us

Clark Regional Wastewater District (District) provides wastewater services to more than 100,000 people in Clark County, making it **one of the largest sewer districts in the state of Washington**. The Discovery Clean Water Alliance (Alliance) is a partnership managed by the District, along with Clark County and the Cities of Battle Ground and Ridgefield. The Alliance treats 25% of Clark County's wastewater and **serves half of all the County's designated growth areas**. The two organizations are distinct in their purpose: the District manages the intake of wastewater from across its service area, and the Alliance is responsible for treating the water from both the District and Battle Ground, then properly returning it to the environment.



## Policy Priorities

### Per-and Polyfluoroalkyl Substance (PFAS) Regulation

**Our agencies strongly support legislative efforts to enact a narrow and well-defined exemption for public clean water agencies from liability for PFAS contamination under CERCLA, such as HR 1267.** We continue to closely monitor efforts to regulate PFAS contamination at the federal and state levels while stressing that public water agencies such as us are passive receivers of the compounds, which are not used in the treatment process. Instead, PFAS makes its way into wastewater due to its decades long use in industrial manufacturing and common household products. With the current direction of regulatory efforts, the absence of a CERCLA exemption for public water utilities threatens to saddle ratepayers across the country with significant costs and liabilities related to PFAS contamination. Our agencies and our industry urge a “polluter pays” approach that holds private companies responsible for their decades-long use of the PFAS compound, while also targeting regulatory efforts at source reduction to keep it from ever entering our water streams.

### Connections to Publicly Owned Treatment Works

**Our agencies support funding the Connections to Publicly Owned Treatment Works**, a program authorized under the Bipartisan Infrastructure Law (BIL). The District is confronting a legacy challenge of older septic systems in its urban service area, primarily located in low-income areas, that have a growing risk of failure. Septic systems can unnoticeably fail, resulting in sewage seeping into groundwater, nearby streams, and ponds and sometimes pooling in yards, creating a concerning health and environmental hazard. While the District has made investments over many years to provide homeowners the opportunity to connect, approximately 2,000 parcels that are able to connect have not. The biggest barrier to a property owner connecting to public sewer is cost. Programs such as the Connections to Publicly Owned Treatment Works could help communities like ours make significant progress toward addressing these environmental hazards. The District is also interested in working with Congress on any efforts that could modify the program's authorization, so it is available to both lower-income and working-class families.



## Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPEs Act)

The District requests your support of the WIPPEs Act, which is widely supported by the national clean water sector, the wipes industry, environmental advocates, and wastewater utilities. This bipartisan legislation complements Washington State's existing "Do Not Flush" law by requiring national clear labeling and a penalty structure agreed to by the industry to ensure compliance with the law. Wastewater facilities like those managed by the District are regularly faced with maintenance challenges, added costs, and safety risks due to the improper flushing of disposable wipes. These products do not break down in the wastewater system and create clogs that damage equipment, pose safety hazards to wastewater workers, and potentially cause sewage backups into homes and businesses and overflows into the environment. Wastewater utilities and their ratepayers bear the financial burden of these costly and preventable issues. At a national level, wet wipes are responsible for \$441 million a year in additional operating costs at US clean water utilities.

## Federal Investment Priorities

### Discovery Clean Water Alliance: Salmon Creek Wastewater Treatment Plant (SCWTP) Aeration Equipment Replacement

The Alliance continues to make significant capital investments to add capacity and increase efficiency and reliability at the SCWTP. Ongoing corrective maintenance and energy inefficiencies are necessitating the need to replace aging positive displacement blowers, which are critical to the treatment process and among the most energy-intensive equipment at the facility. Replacing this equipment with more modern technology will benefit not only maintenance, but also provide an annual energy savings of about \$28,000, and reduce 400,000 kWh in electricity consumption.



The Alliance request \$2 million in Congressional funds to replace the Salmon Creek Wastewater Treatment Plant's Aeration Equipment.

### Clark Regional Wastewater District: Stutz Road Septic Elimination

The District's Septic Elimination Program (SEP) has helped hundreds of homeowners since its inception, and funds from Congress have helped us make meaningful progress faster than we otherwise would have. There are approximately 1,400 septic systems in the District's service area that are reaching the end of their design life and are located on parcels that have no ability to connect to public sewer. The SEP provides funding incentives to homeowners so they can afford to connect to public sewer and move away from reliance on septic in the urban areas. We continue to prioritize projects adjacent to low-income homeowners or highly sensitive environmental areas. This year, this District is seeking Congressional funds for its next SEP project, Stutz Road. Environmental hazards and the financial need are well known in this area and will further our goal of eliminating septic systems in our urban service area.

The District is requesting \$1 million in Congressional funds for its Stutz Road Septic Elimination Project.

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# **Attachment B**



# Clark Regional Wastewater District & Discovery Clean Water Alliance Priorities

## 2026 Legislative Session

*The resounding message from ratepayers this year is to improve affordability as the cost of living continues to rise. Wastewater costs are just one of many essential parts of a household budget, and pressures from inflation, state funding reductions, and increased regulations are adding to the affordability crisis. These concerns inform priorities for the District and the Alliance going into the next legislative session.*



### Fund Improvements to Wastewater Infrastructure

The Salmon Creek Treatment Plant (SCTP) operates with aging positive displacement blowers that require ongoing corrective maintenance and operate with significant energy inefficiencies. By replacing them with high-speed turbo blower technology, SCTP will benefit not only from maintenance and energy savings but also will have better process control, reliability, and safety. Engineering for the project has started. With state funding support, permitting would begin in 2026, followed by construction in 2027, and completion in 2028. New turbo blowers would save the agency about \$28,000 annually by reducing an estimated 400,000 kW hours in electricity consumption.

***Please support the SCTP Aeration Equipment Replacement project with up to \$2.7 million in Capital Budget funding.***

### Sustain Public Works Funding

In 2025, \$280 million from the Public Works Assistance Account was transferred to the General Fund, limiting the number of low-interest loans available for local infrastructure projects and reducing the overall awards. As a direct result, a critical project in Ridgefield was only partially funded. Additional pressure on the account has been considered to relieve the Transportation Budget of its obligations related to fish passage. Given the fiscal uncertainties facing the legislature again this winter, we emphasize the critical function these loans play in community affordability and warn against further transfers out of the account. Without low-cost loans available for projected investments accommodating growth and maintaining the system, costs for consumers in our District could significantly increase given the amount of critical infrastructure we need to maintain, replace or improve over the next decade—an estimated \$381M investment for infrastructure like expansion at the Salmon Creek Treatment Plant and pump stations connecting the City of Ridgefield (Washington’s fastest-growing city) to the regional wastewater system.

***Please allow the Public Works Assistance Account to accumulate funding to return to its 2024 balance and continue supporting critical infrastructure our community members rely on.***



## Facilitate Affordability by Alleviating Regulatory Pressures

While we agree that water quality and environmental impacts are important protections for our communities, we urge caution in adding to the regulatory burden associated with operating, maintaining and expanding essential public services like wastewater collection and treatment. From environmental regulations like SEPA and water discharge permits, to changes in procurement and invoice payment policies, compliance efforts add to the cost of providing, maintaining and improving services, ultimately impacting ratepayer affordability. Workplace regulations, such as the Paid Family Leave Program, also have impacts on our budget. ***We urge caution in adding to the regulatory pressures from complexity and support policies or reforms that encourage operational efficiency and flexibility.***



## Plan Ahead for Water and Wastewater Infrastructure

When planning for new housing and increasing density in existing neighborhoods, it is essential to have a clear understanding of water and wastewater infrastructure capacity and maintenance needs. HB 1690, introduced during the 2025 legislative session, would advance this goal by requiring the Washington Department of Health and the Department of Ecology to jointly conduct a comprehensive statewide

assessment of water and sewer systems. The assessment would identify systems in need of critical upgrades, estimate associated costs, and recommend funding and programmatic strategies. The resulting report would address growing concerns about aging infrastructure, public health risks, environmental impacts, and limited local resources by consolidating data from numerous agencies and utilities.

***Please support HB 1690 with the funding necessary to implement it so that a more comprehensive planning approach for critical infrastructure can occur, opening the door to better development opportunities going forward, especially when it comes to housing.***

## Stay the Course on Biosolids Process in SB 5033

SB 5033 was designed as a measured, science-first approach to PFAS in biosolids, requiring Ecology to develop sampling guidance, collect statewide data using the newest EPA methods, and work with stakeholders before offering recommendations. That process is now underway, and lawmakers should allow it to be completed before adding new layers of regulation. The Alliance has been invited to participate in the Ecology-managed stakeholder processes for the bill.

Washington's biosolids program provides significant environmental and economic benefits by recycling nutrients back into soils instead of sending organic material to incineration or landfills. This beneficial reuse model reduces emissions, supports agriculture, and keeps resources in productive use.

***To ensure future policy is grounded in the best available science, legislators should stay committed to the SB 5033 framework and wait for Ecology's data-driven recommendations before considering further action.***

### Contacts:

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# **Attachment C**



# The Columbian

Clark County, WA • Locally Owned Since 1890

## ‘Super important foundation’: Salmon Creek water treatment plant keeps up with county’s growth

\$72 million expansion completed in September



By Shari Phiel, Columbian staff reporter

Share ▼

Published: November 12, 2025, 6:08am



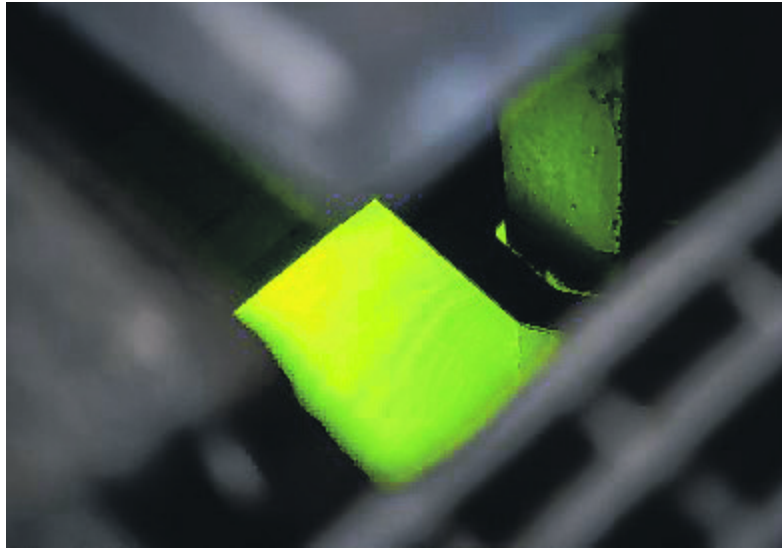
Secondary clarifiers sit Nov. 4 at the Salmon Creek Wastewater Treatment Plant. Discovery Clean Water Alliance recently completed a \$72 million upgrade and expansion project.





JOURNALISM Salmon Creek Wastewater Treatment Plant general manager John Peterson stands near now-covered primary clarifier tanks Nov. 4. Discovery Clean Water Alliance, which owns the plant, recently completed a \$72 million expansion project.





Photos by TAYLOR BALKOM The Columbian UV light sanitizes water at the Salmon Creek Wastewater Treatment Plant.



Clean water falls over a weir in a secondary clarifier tank at the plant.





Photos by TAYLOR BALKOM/The Columbian People walk in front of new aeration tanks Nov. 4 at the Salmon Creek Wastewater Treatment Plant.







If you stop by the Salmon Creek Wastewater Treatment Plant, the second thing you'll notice is the stunning views of a meandering Salmon Creek framed by maple and ash trees in full fall foliage with Mount Hood towering in the background. But the first thing you'll notice is the odor — or rather the lack thereof.

Upgraded towers use bacteria to filter air from the plant before being released, eliminating odors once common at such facilities.

“Air regulations had advanced to the point that we needed to cover these facilities and treat the air for odors,” said John Peterson, general manager at the plant.

Discovery Clean Water Alliance owns the plant, and Clark Regional Wastewater District manages operations. The plant sits on 20 acres at the confluence of Salmon Creek and Lake River north of Felida, about 1½ miles from the Columbia River. Hundreds of miles of buried pipelines bring wastewater from Ridgefield, Battle Ground, Hockinson, Brush Prairie and the Clark County fairgrounds area — serving about 150,000 residents — into the plant daily.

“It just happens to be where most of the growth areas are,” Peterson said.

About 70 percent of Ridgefield's wastewater is treated at the Salmon Creek plant, with the remaining 30 percent treated at a smaller treatment plant in Ridgefield. Peterson said the goal is to transition all of Ridgefield's wastewater to Salmon Creek over the next 10 years and then decommission the much smaller Ridgefield plant.

Unlike a new bridge or highway, Peterson admits wastewater treatment plants aren't necessarily the kinds of infrastructure that people want to talk about. However, their importance to the community goes beyond wastewater treatment itself.

“It's a super important foundation for both environmental protection and to allow the economic development,” he said.

Without existing infrastructure, he said new businesses and developers will be less inclined to invest in a community.



## First for partnership

The Salmon Creek plant went into operation in 1975. In that time, five major upgrades — roughly one project every 10 years — have been completed. The most recent expansion was completed in September at a cost of \$72 million.

It was the first major infrastructure project completed under the Discovery Clean Water Alliance partnership since forming 10 years ago to provide regionalized, cost-effective and reliable wastewater services. The project increased the plant's capacity from nearly 15 million gallons per day to 17½ million gallons.

As part of the upgrade, a new operations center with 24/7 monitoring with equipment and software upgrades was installed.

“We can see each of the steps in the treatment process here. We measure all manner of different variables, such as flows coming into the plant. It's low overnight, and then it comes up about 6 o'clock in the morning, and it's up during the day and then people go to sleep at night. It's called a diurnal pattern,” Peterson said.

Although staff monitor the system during business hours, the system will send out notifications if any part goes offline, power goes out or if something gets out of balance.

“We get alarms from time to time. They're usually fairly straightforward to address. We have two folks on call that can deal with that. If the power goes out, we dispatch folks here to make sure everything restarts correctly. It's a well-designed and managed system,” Peterson said.

## ‘Gravity is free for us’

While the methods for treating wastewater may have changed over the years, the process itself has remained relatively unchanged. Wastewater is first pumped through large screens that remove larger solids, such as trash or disposable wipes, which are sent to a dumpster for transport to the landfill.

“Screens are really important in treatment plants because they protect everything else downstream from all that garbage getting in,” Peterson said.

The water then flows into four large 160-foot-long, 20-foot-wide and 12-



foot-deep holding tanks called primary clarifiers. As part of its expansion, the plant added aluminum covers to the clarifiers, which help reduce the presence of odors.

“This is like a swimming pool, but not one that you would want to swim in,” Peterson said. “The water spends about two hours in there, and just whatever will settle by gravity settles. Gravity is free for us; we don’t pay a power bill for it.”

After the clarifiers, the water is sent to aeration basins where bacteria breaks down remaining materials in the water. After four hours, the water is sent across weirs to prevent adding oxygen into the water, a requirement of the federal Clean Water Act, to another clarifier where the bacteria is separated out. The final step is to treat the water with ultraviolet light.

In all, the process takes about eight hours from the time wastewater enters the plant until it is cleaned and pumped out to the Columbia River. The plant and its processes are highly regulated by the state Department of Ecology, which has monitoring and reporting requirements and performs regular site inspections.

“Ecology issues a lengthy permit for every facility like this, and there’s literally daily treatment requirements. We do sampling on what comes into the plant and sampling on what comes out of the plant, and we file a report about what happens here every single day,” Peterson said.

On Nov. 4, the wastewater district announced it had received Ecology’s outstanding performance award for 2024 in recognition of meeting 100 percent compliance each day of the year.

Solid material separated from the incoming wastewater is treated in a separate process using anaerobic digesters that are sealed from the environment. It takes around a month for that treatment process to complete and be turned into biosolids that can be used on agricultural lands.

Phase 5 may be done but the Clark Regional Wastewater District and Discovery Clean Water Alliance have more work planned for the Salmon Creek plant. Planning for future phases of expansion to meet ongoing growth management planning by the county and city partners served by the regional system is already underway.

“The plant site has been laid out to treat 30 million gallons per day, so we can



— even though Clark County is growing rapidly — handle about 40 years of growth here,” Peterson said.

Shari Phiel: shari.phiel@ columbia.com; 360-562-6317; @ Shari\_Phiel

ABOUT THE PROJECT: Community Funded Journalism is a project from The Columbian and the Local Media Foundation that is funded by community member donations including The Cowlitz Tribal Foundation. The Columbian maintains editorial control over all content. For more information, visit [columbian.com/cfj](http://columbian.com/cfj).



# **Attachment D**





Discovery Clean  
Water Alliance

## Salmon Creek Treatment Plant

### Fall 2025 Newsletter

#### Hello neighbor!

As fall begins, the Alliance is celebrating several major accomplishments, while also launching the next phase of our long-range planning efforts. Please read on to learn more about these important updates.

#### Salmon Creek Treatment Plant | Celebrating Phase 5 Improvements



At the Alliance's September 19 Board meeting, we celebrated the completion of Phase 5 improvements at the Salmon Creek Treatment Plant. The improvements featured updated equipment with increased capacity, the installation of new odor-reducing equipment, and the construction of a new 7,300-foot pipeline to transport treated water from the plant to the Columbia



River.

These projects, completed between 2019 and 2025, represent a significant investment of \$71.6 million. As a result, the plant's capacity has increased by 17 percent, ensuring support for the region's growth over the next 8 to 10 years.

Click on the graphic below for a closer look at some of the improvements.



We are extremely grateful to our partners and staff for making these improvements possible. We also appreciate the partnership and patience shown by our neighbors near the facility during this busy period.

## Planning for the Future – Alliance General Sewer Plan Update

### Community Values Survey Results

Earlier this spring, we conducted a survey of more than 600 of our customers to help guide the development of our General Sewer Plan. The key findings from the survey are as follows:

- Most wastewater customers believe the cost of wastewater service is at least “somewhat affordable.” However, about half of residents earning less than \$75,000 per year find their service unaffordable.
- Residents want the sewer utility to prioritize affordability above all other factors, while also considering reliability and environmental protection as important secondary priorities.
- A majority of residents are willing to pay a few dollars more per month for specific infrastructure improvements that provide greater environmental benefits.

This valuable customer feedback will help shape our General Sewer Plan, which will guide sewer system decision-making for the next 20 years.



## Biosolids Program Evaluation

As part of the General Sewer Plan process, we are re-evaluating our biosolids program after 30 years of operation. The program has proven to be very cost-effective, transporting our high-quality biosolids product from the plant to local farms for use as a soil amendment and fertilizer.

However, in recent years, the program has faced new challenges. We are now taking this opportunity to explore newer technologies and consider the marketability of alternative end use products. We look forward to sharing more updates about the General Sewer Plan process as it progresses.

## Salmon Creek Treatment Plant Receives Outstanding Performance Award



We are proud to announce that the Alliance was recently awarded the Washington State Department of Ecology's 2024 Wastewater Treatment Plant Outstanding Performance Award for the operation of the Salmon Creek Treatment Plant. This award is presented to treatment plants that are operated at the highest level of efficiency and compliance, meeting all permit conditions every day throughout the entire year.

Remarkably, this is the 18th consecutive year that the Salmon Creek Treatment Plant has received this honor. This achievement is a testament to the skill, teamwork, and dedication of the staff, who provide this critical public service for our community.

## Next Discovery Clean Water Alliance Board Meeting



**Date:** Friday, December 19

**Time:** 10:00 am - 12:00 pm

**Location:** District Board of Commissioners Meeting Room  
8000 NE 52nd Court, Vancouver, WA

## Our Team

---

**Matthew Jenkins**

**Operations Manager**

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**Leanne Mattos**

**Alliance Board Clerk | Administrative Supervisor**

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**For more information, visit:**  
[discoverycwa.org](https://discoverycwa.org)

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# **Attachment E**



# 30 years of service Neil Kimsey bids adieu to wastewater district

Longtime commissioner lauded for 'vision and commitment' to agency, its customers



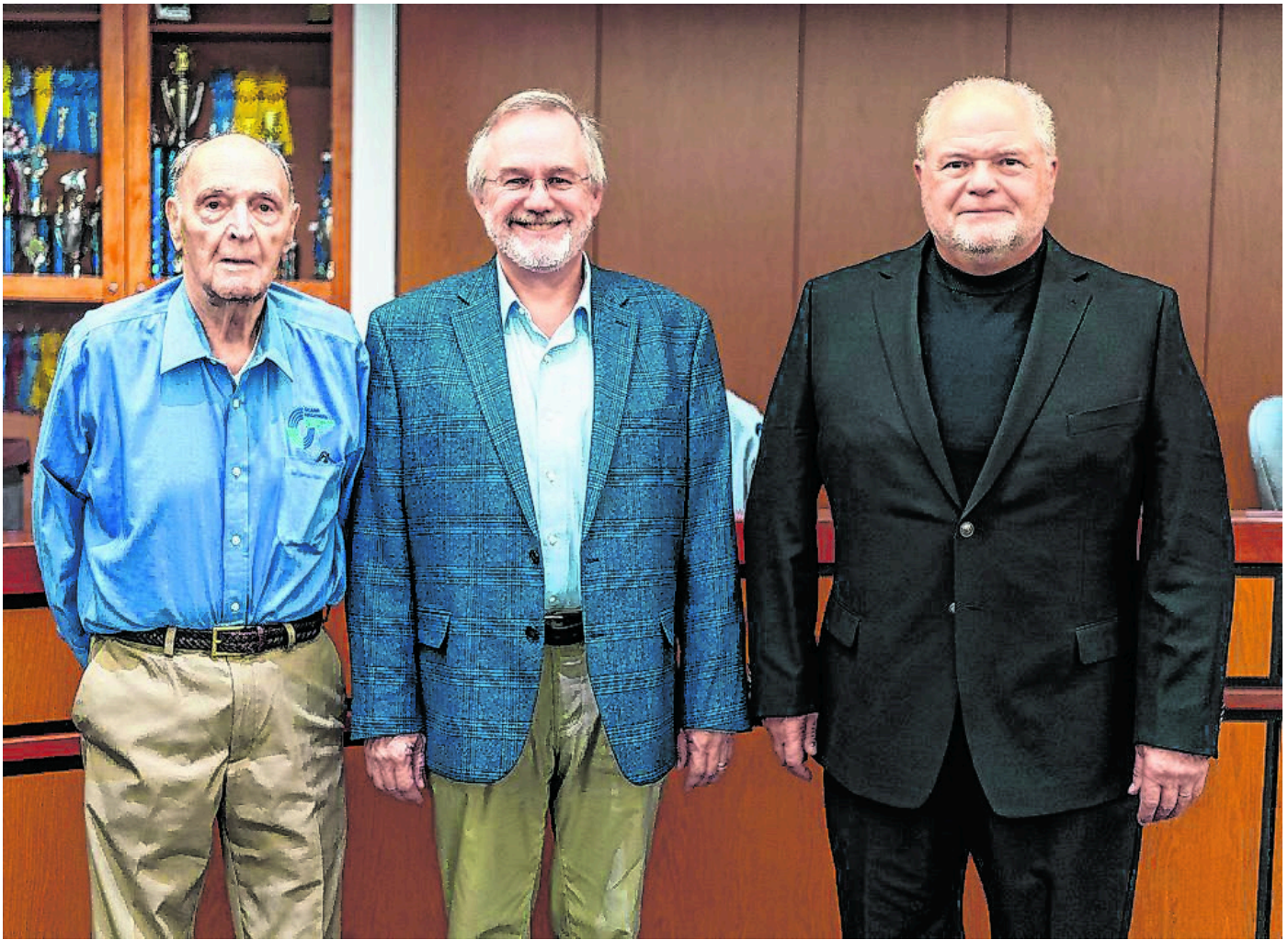
Photos by TAYLOR BALKOM/The Columbian Clark Regional Wastewater District Board of Commissioners Vice President Neil Kimsey discusses district business at the Nov. 25 board meeting. Kimsey is stepping down from the board after serving for 30 years.





The Clark Regional Wastewater District Board of Commissioners meets Nov.25 at the sewer district's headquarters north of Vancouver. The district serves areas of unincorporated Clark County, including Hazel Dell, Felida, Brush Prairie, Hockinson and Ridgefield.





TAYLOR BALKOM/The Columbian Clark Regional Wastewater District Board of Commissioners Vice President L. Neil Kimsey, from left, stands Nov. 25 with General Manager John Peterson and Dan Clark, who is taking Kimsey's seat after Kimsey retires. Kimsey is retiring after serving on the board for 30 years.

BY SHARI PHIEL • THE COLUMBIAN

At age 92, Neil Kimsey is ready to retire — again. At the end of the month, he will step down from his role as a commissioner for the Clark Regional Wastewater District, a position he's held since 1995, when it was still called the Hazel Dell Sewer District.

Kimsey has been in Clark County since 1948. He owned and operated Kimsey Sales, a car dealership on Main Street in Vancouver. Kimsey said he was thinking about retiring from his car business but wanted a way to stay active and involved with the community.



“I knew the commissioner that had that position before me because I’d sold him a couple cars,” he said. “He said, ‘Oh sure, do it, Neil. You’ll love it.’ ... Once I got elected, I loved it so much that I sold my business and focused on the sewer district.” focused on the sewer district.”

The Clark Regional Wastewater District serves about 100,000 customers in unincorporated Clark County, including the Hazel Dell area, Felida, Brush Prairie, Hockinson and Ridgefield. The district has three board commissioners, each serving a six-year term, with elections staggered every two years.

After successfully running for election and reelection five times, Kimsey decided not to seek another term in office at the end of his term.

‘A good friend’

What does Kimsey like most about serving on the wastewater district board? “Just meeting other people, going to meetings, and having your input in with the public,” he said. “We’ve had an awful lot of very, very talented people working at the district, and I can’t say that one of them I disliked.”

Kimsey takes his role as a commissioner and as a voice for residents seriously. John Peterson, general manager of the Salmon Creek plant, said Kimsey has been especially committed to the district’s focus on customer needs.

“He has been exceptionally engaged in the civic and business community, attending nearly every outreach effort, listening to constituent needs and bringing that outside perspective to his policy-making role,” Peterson said.

He added that Kimsey would regularly drive by active projects and meet with residents to better understand how board decisions affected them and were implemented in the community.

Fellow Commissioner Norm Harker has served alongside Kimsey for 28 years.

“He’s very dedicated to the work,” Harker said. “It’s been a pleasure to work with him. He’s become a good friend.”

Harker said Kimsey has fostered relationships with other elected officials at the county and cities, making the wastewater district’s work better.



“We’re welcomed partly because of his willingness to become friends with those elected officials,” Harker said.

While there has been a lot of work and numerous projects over those 30 years, the one Kimsey is most proud of is the Salmon Creek Wastewater Treatment Plant in Ridgefield.

“Ridgefield was about ready to go under. They wouldn’t have had one-tenth of the growth that they’ve had in the last 15 years if it hadn’t been for Clark Regional Wastewater District,” he said.

Peterson credits Kimsey with being the driving force behind extending regional services to Ridgefield.

“It is an untold part of the Ridgefield success story. The reason we have a new Clark College branch campus, Costco and In-N-Out Burger at the Ridgefield junction is largely because of Commissioner Kimsey’s vision and commitment 10 to 15 years ago to lay the infrastructure foundation for that community to thrive,” he said.

Kimsey’s son, Clark County Auditor Greg Kimsey, also said getting the Salmon Creek plant built was the highlight of his father’s career as a commissioner. After years of study, engineers had recommended the sewage line run along Lake River to the Salmon Creek plant, he said, but his father found a better route along Interstate 5 that was less expensive and would spur development.

“My dad’s continual questioning and advocacy for that option saved ratepayers millions of dollars,” Greg Kimsey said.

It’s not just the Salmon Creek plant that stands out in Peterson’s mind. He said Neil Kimsey was equally attentive to the district’s finances and budget.

“The result is the district has the lowest rates in Clark County for a home using a typical amount of water,” Peterson said.

Greg Kimsey said his father has been a role model for him and other elected officials, especially for his commitment to public service.

“He is always focused on what’s in the best interest for the ratepayers in the Clark Regional Wastewater District,” Greg Kimsey said. “He is accessible to



the community; he is very active in the community and is responsive to concerns.”

‘I just love it’

Neil Kimsey isn’t sure what he’s going to do with his free time now, although he said he plans to still attend some board meetings.

“Boy, I don’t know, because I just love it. I love going to the meetings,” he said. “I’ve got a very active family, and they keep track of me and take me places to do things.”

With four sons and a daughter, eight grandchildren and eight great-grandchildren, most of whom live in Washington and Oregon, Neil Kimsey said he’s looking forward to spending more time with his family.

Still, he said he will miss his work with the wastewater district.

“I hope they miss me half as much as I’m going to miss them,” he said.

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“He’s very dedicated to the work. It’s been a pleasure to work with him. He’s become a good friend.” Norm Harker Clark Regional Wastewater District commissioner

“I hope they miss me half as much as I’m going to miss them.” Neil Kimsey, retiring from his role as a Clark Regional Wastewater District commissioner