



**TUALATIN VALLEY**  
WATER DISTRICT

## **MONTH IN REVIEW**

**For the reporting period of  
August 2023**

Issued September 29, 2023

# TABLE OF CONTENTS

<b>Executive Summary</b> .....	<b>3</b>
<b>Financial Viability</b> .....	<b>4</b>
Overview.....	4
Financial Performance.....	5
Investments.....	12
Procurements Report.....	13
Payment Trends.....	16
<b>Water Supply</b> .....	<b>17</b>
Water Resource Adequacy.....	17
Water Resources & Water Quality.....	19
<b>Customer Service</b> .....	<b>21</b>
Community Sustainability.....	21
<b>District Assets</b> .....	<b>22</b>
Infrastructure Stability.....	22
Information Technology.....	27
Risk Management.....	27
Employee and Leadership Development.....	28
<b>Communications &amp; Public Affairs</b> .....	<b>29</b>
Outreach & Engagement.....	29
Stakeholder Support.....	32
<b>Appendices</b> .....	<b>33</b>
A. Investment Related Information	
B. Capital Improvement Program Delivery Report	
C. Budgetary Performance Reports by Fund (Biennium 2023-25)	
D. Budgetary Performance Reports by Department (Biennium 2023-25)	
E. Operating Contingency Report (Biennium 2023-25)	

# EXECUTIVE SUMMARY

## NOTABLE EVENTS FROM THE REPORTING PERIOD

Tualatin Valley Water District's (TVWD) operating budget surplus for August was \$5.9 million, a favorable variance of about \$1.7 million. The largest contributing factors to the favorable variance in operating surplus were favorable variances of \$1.2 million in total water sales revenue and \$0.5 million in operating expenses.

The accounts receivable (AR) balance in August 2023 was \$9.0 million, an increase of \$0.15 million from July 2023 which was \$8.8 million. From August 2022 to August 2023 the AR balance increased by \$3.8 million. The growth in AR is partially attributed to the suspension of collection and shutoff activities during both the COVID-19 pandemic and the customer information system (CIS) go-live and stabilization phases. These collection and shutoff activities have recently been reinstated but the District nevertheless has experienced a dramatic growth in the AR Aging and days sales outstanding (DSO) during this timeframe.

TVWD's cash and investment position as of August 2023 was \$288.0 million, up by approximately \$17.7 million from July 2023. The District continues to aggressively manage its cash and investment position to benefit from the relatively higher interest rates available on its investment portfolio.

The first page of the District Assets section lists brief updates for several ongoing capital improvement projects. Following are update excerpts for two of the District's key projects:

- Farmington Flow Control and Fluoride Facility: Paving, concrete median installation, and permanent power installation were completed in August. Progress was made on mechanical and electrical items inside the facility.
- Taylors Ferry Reservoirs & Site Seismic Improvements: The District received notice that the FEMA mitigation grant will cover 100% of project costs with 90% funding coming from federal sources and 10% funding from the state, though timing of the award and subsequent construction remains in flux. Project permitting remains on-going.

## NOTABLE EXCEPTIONS IN REPORTING DATA

As noted above, the District's operating expenditures for August 2023 had a favorable variance of \$0.5 million. Some of the favorable variance in operating expenses is the result of the District's standard year-end accounting practices of identifying and recognizing invoices received from vendors in July and August that are for goods and services received by the District in June.

Including expenditures for the Willamette Water Supply System (WWSS) and Willamette Intake Facilities (WIF), the District's capital outlay in August 2023 was approximately \$11.5 million as compared to a budget of \$62.9 million. As with operating expenditures, this underspending variance in capital expenditures is partially the result of the District's year-end accounting practice of properly recognizing invoices received in August (and July) for expenditures incurred in June, back into June for the District and the joint ventures it manages.

# FINANCIAL VIABILITY

## OVERVIEW

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Billings of water sales were approximately \$10.6 million in August 2023 which was a favorable variance of \$1.2 million for the month.<sup>1</sup> Water sales volume revenue billed (volume revenue) was \$8.9 million in August which is a \$1.0 million favorable variance and water sales fixed charges billed (fixed charges) were \$1.7 million in August which is a favorable variance of \$0.2 million. Combined fixed and volume water sales revenue of \$10.6 million for August 2023 is approximately \$2.8 million higher than August 2022 water sales of \$7.8 million.

System Development Charge (SDC) revenue in August 2023 totaled approximately \$469 thousand, representing a favorable variance of \$94 thousand for the month.

The District's capital outlay in August was approximately \$11.5 million as compared to a budget of \$62.9 million. The variance is the result of the District's year-end accounting procedures that accrue expenditures made in June but invoiced to the District by vendors after June 30<sup>th</sup>. This normal accounting practices causes June to have a higher expenditure total while July and August can be somewhat lower. This accounting treatment, which is based on generally accepted accounting principles, is required for the financial statements of the District and the joint ventures it manages.

The District's operating expenditures for August had a favorable variance of \$0.5 million. Purchased water and pumping power had an unfavorable variance of \$165 thousand while other operating expenses had a favorable variance of \$631 thousand. This resulted in an overall operating expense favorable variance of approximately \$466 thousand.

During both the COVID-19 pandemic and the customer information system (CIS) go-live and stabilization phases, the District suspended collections and shutoffs activities. These collection and shutoff activities have recently been reinstated but the District nevertheless has experienced a dramatic growth in the AR Aging and days sales outstanding (DSO) during this timeframe. See the *Accounts Receivable and Days of Sales Outstanding (DSO)* section for related charts and more details.

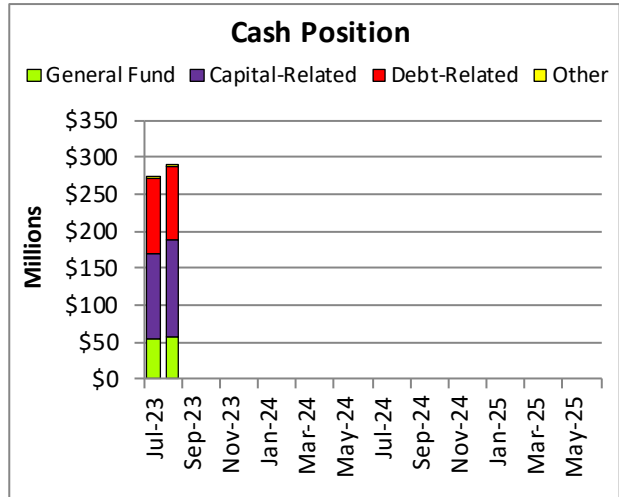
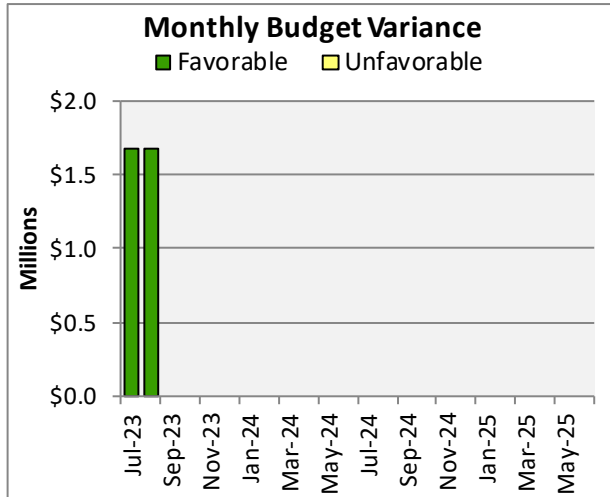
The District's investment portfolio earned approximately 4.0% during August 2023 and was valued at \$285 million, up \$20.6 million from the amount reported in July. For more information, see the monthly Investments report later in this section.

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<sup>1</sup> The *Month-in-Review* reports water sales on a cash basis without accrual adjustments. The District's audited financial statements follow accounting standards that accrue water sales between fiscal years consistent with the District's revenue recognition standards.

# FINANCIAL PERFORMANCE

## OPERATING BUDGET VARIANCE & CASH POSITION (BIENNIUM 2023-2025)

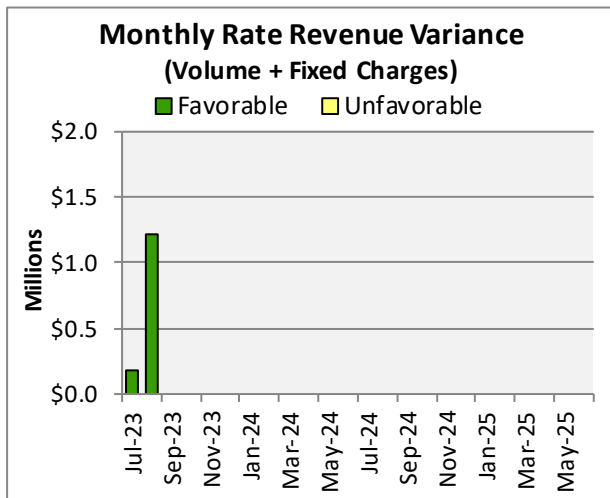
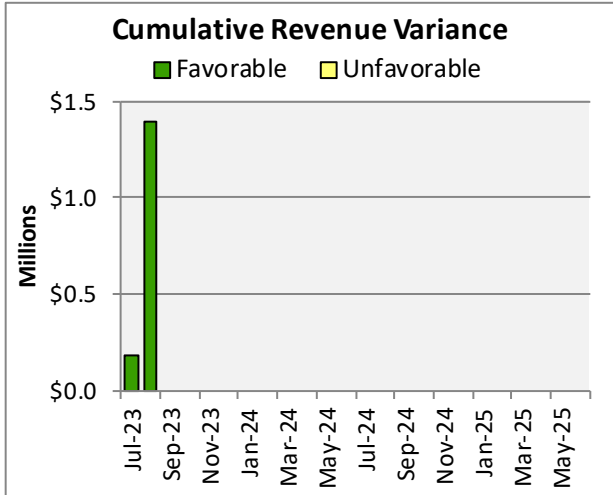
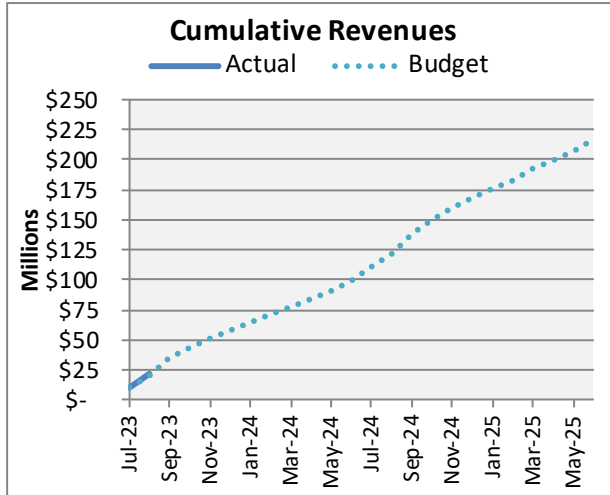


### COMMENTS:

The District reported a favorable variance in operating budget surplus in August 2023 of about \$1.7 million. The District’s actual operating budget surplus for August was \$5.9 million compared to a plan of \$4.2 million. The largest contributing factors to the favorable variance in operating surplus were favorable variances of \$1.2 million in total water sales revenue and \$0.6 million in operating expense other than purchased water and power.

Cash and investment position as of August 2023 (including bond proceeds from the Water Revenue Bonds, Series 2023) was \$288.0 million, up by approximately \$17.7 million from July 2023, which was \$270.4 million. The District continues to aggressively manage its cash and investment position to benefit from the relatively higher interest rates available on its investment portfolio.

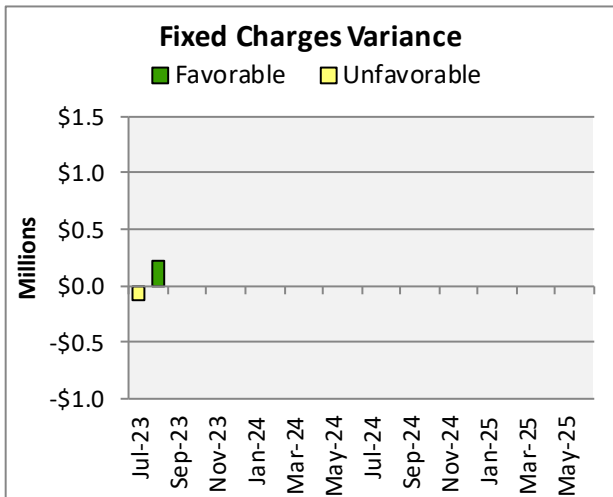
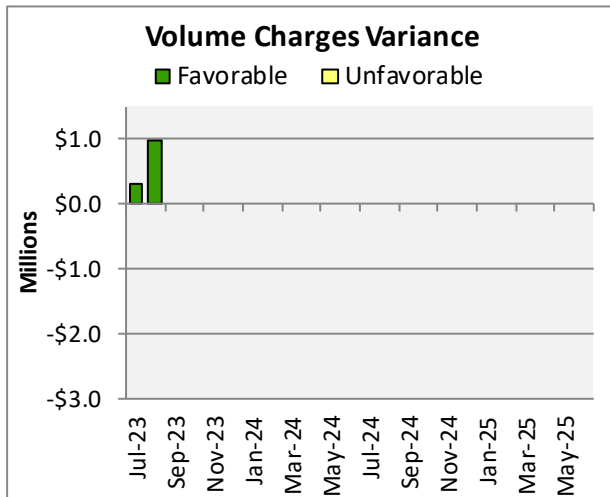
GENERAL FUND OPERATING REVENUE VARIANCE REPORTING (BIENNIUM 2023-2025)



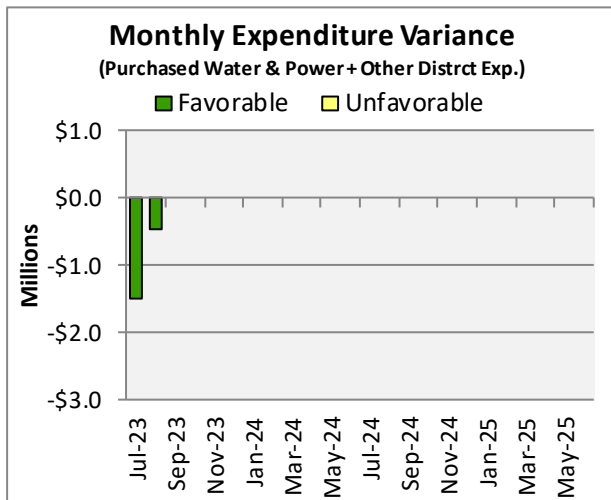
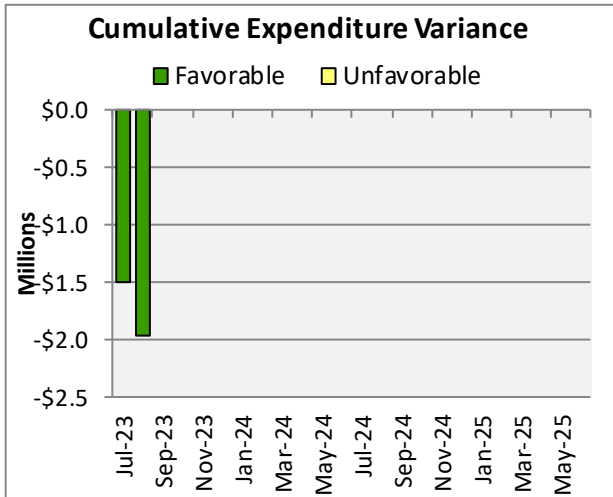
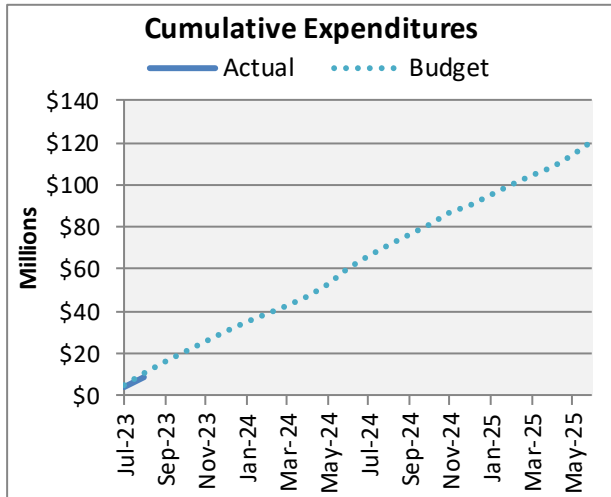
**COMMENTS:**

Total water sales revenues for August were \$10.6 million which is a favorable variance of \$1.2 million for the month. August water volume sales were \$8.9 million which is a favorable variance of \$1.0 million. August water fixed charges were \$1.7 million which is a favorable variance of \$0.2 million.

Year-over-year, total water sales revenues for August increased from \$7.8 million in 2022 to \$10.6 million in 2023. This is a year-over-year increase of \$2.8 million.



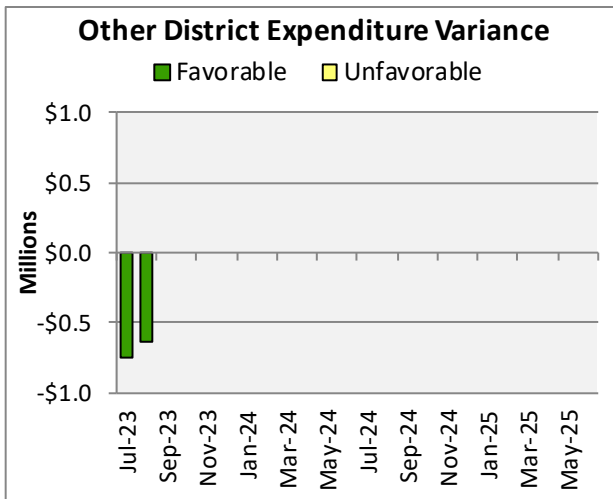
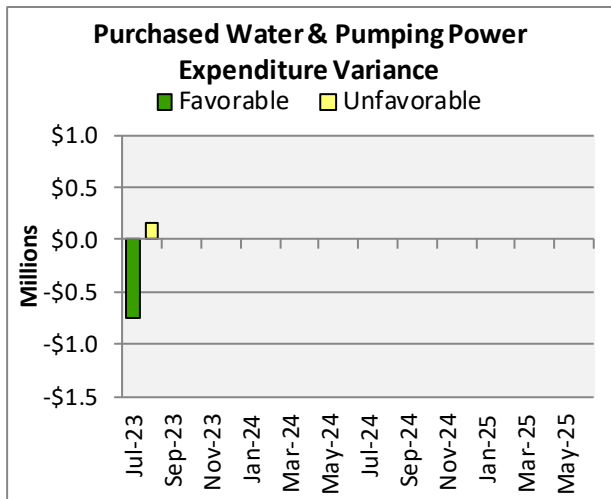
OPERATING EXPENDITURE VARIANCE REPORTING (BIENNIUM 2023-2025)



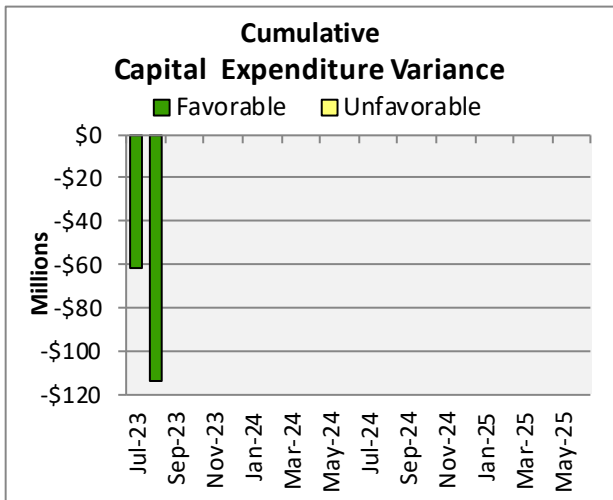
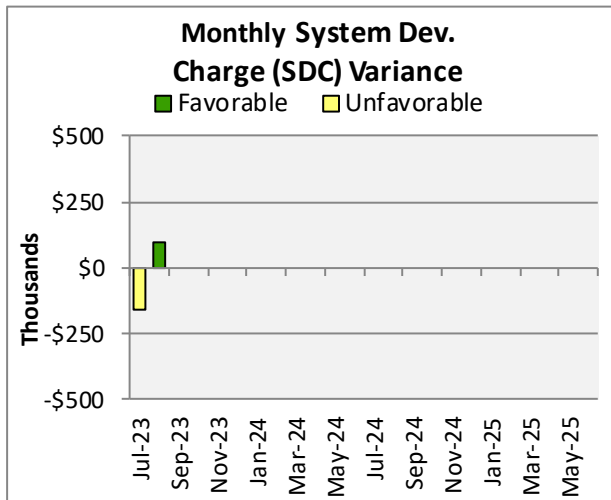
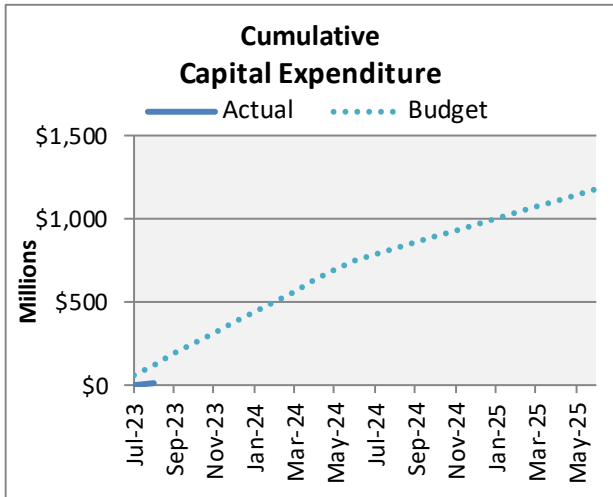
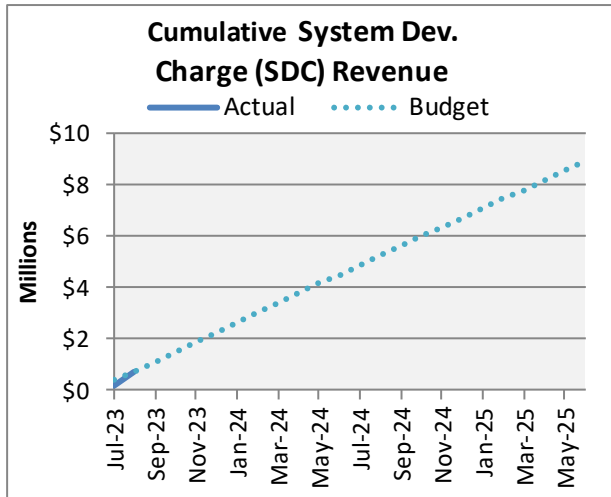
**COMMENTS:**

Operating expenditures for August 2023 had a favorable variance of \$0.5 million. Purchased Water and Pumping Power had an unfavorable variance of \$0.2 million while other operating expenditures had a favorable variance of \$0.6 million.

Some of the favorable variance in operating expenses is the result of the District's standard year-end accounting practices of identifying and recognizing invoices received from vendors in July and August that are for services received by the District in June.



CAPITAL-RELATED REVENUE AND EXPENDITURE VARIANCE (BIENNIUM 2023-2025)



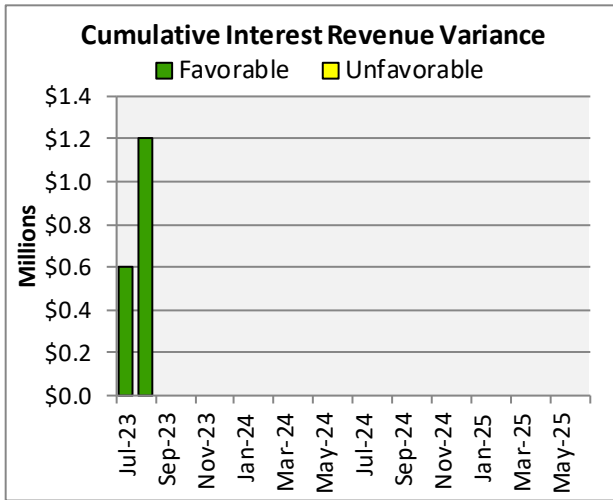
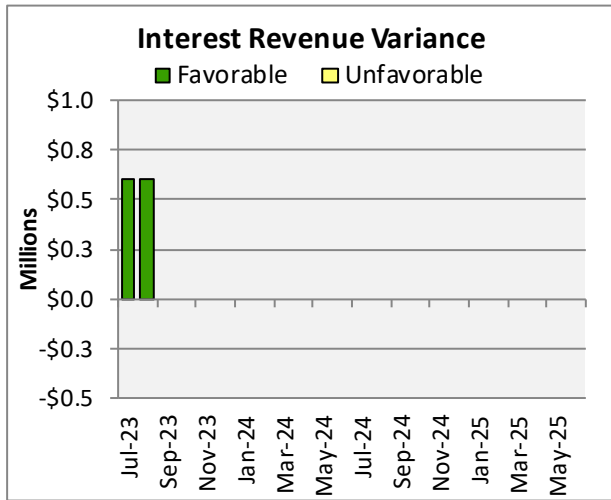
**COMMENTS:**

System Development Charge (SDC) revenue in August 2023 totaled about \$470 thousand, representing a favorable variance of about \$95 thousand for the month. SDCs are extremely volatile and subject to wide fluctuations. The District reduced its forecast for SDC revenue in anticipation of slowing development. On a biennium-to-date basis, the District has an unfavorable variance in SDCs of approximately \$61 thousand.

Including expenditures for the WWSS and WIF, the District’s capital outlay in August 2023 was approximately \$11.5 million as compared to a budget of \$62.9 million. As noted above with operating expenditures, this underspending variance in capital expenditures is partially the result of the District’s year-end accounting practice of properly recognizing invoices received in August (and July) for expenditures incurred in June, back into June.



INTEREST REVENUE (BIENNIUM 2023-2025)

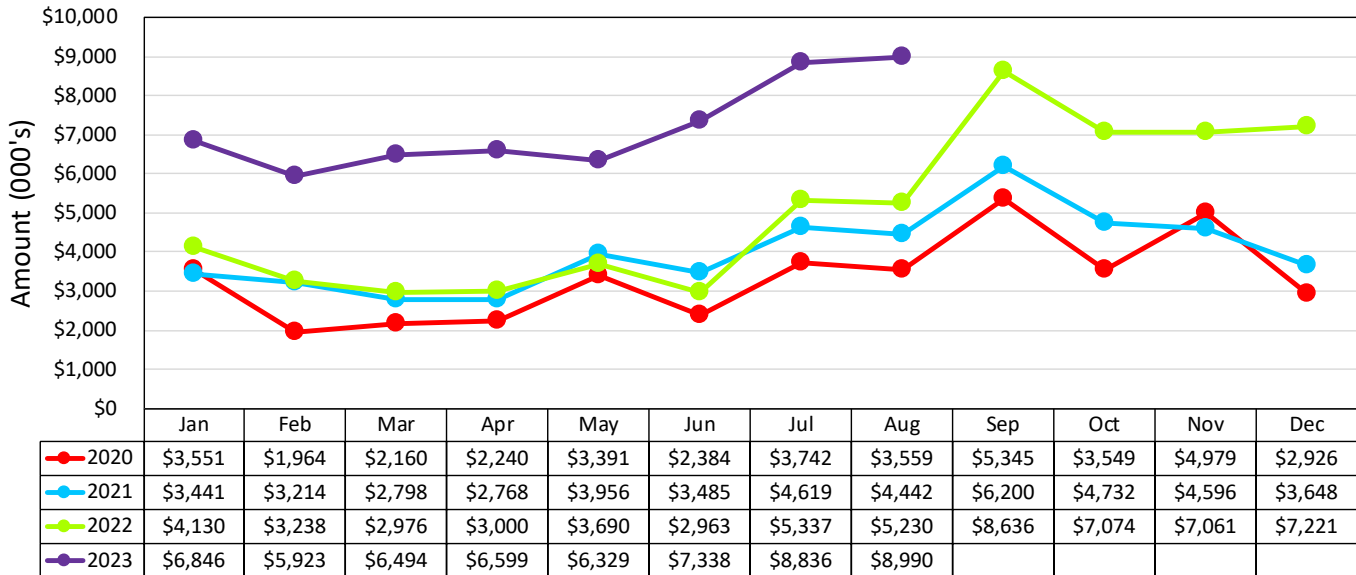


**COMMENTS:**

Interest revenue in August 2023 totaled approximately \$972 thousand, representing a favorable variance of \$602 thousand for the month. The slower pace of capital spending has allowed the District to invest more money at higher effective interest rates. The net result of this higher level of investments at higher rates is more interest revenue than planned.

ACCOUNTS RECEIVABLE AND DAYS OF SALES OUTSTANDING (DSO)

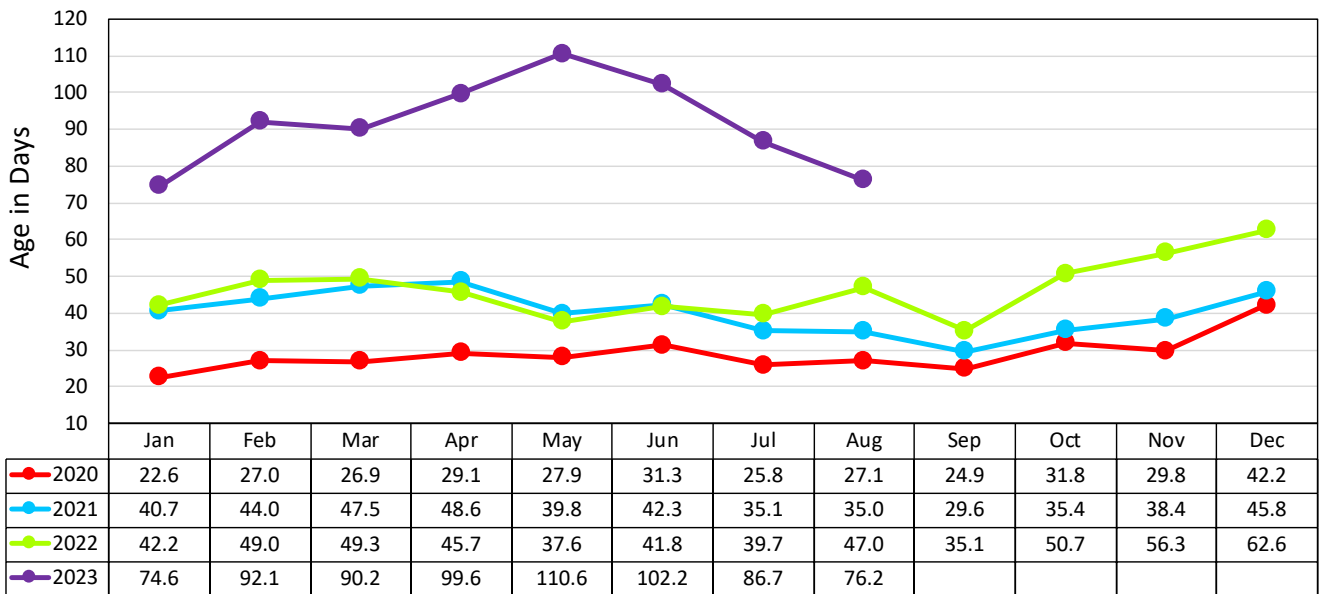
**Total Balance in AR**



**COMMENTS:**

The AR balance in August 2023 was \$9.0 million, an increase of \$0.15 million from July 2023 which was \$8.8 million. From August 2022 to August 2023 the AR balance has increased by \$3.8 million.

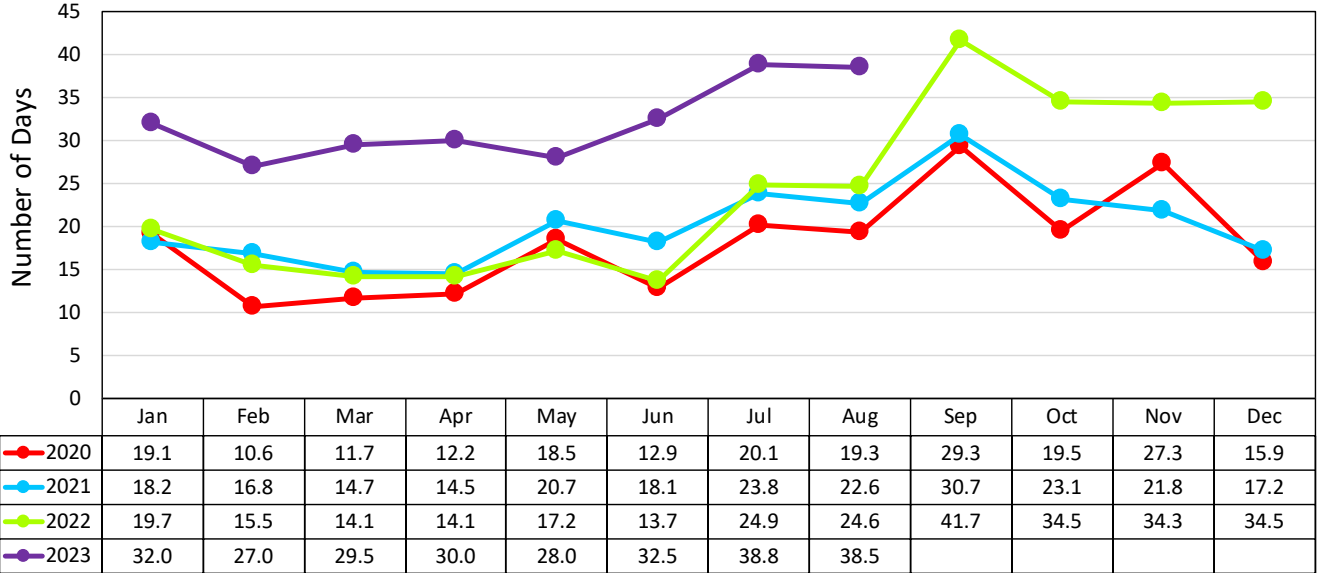
**Age of Water Accounts Receivable**



**COMMENTS:**

The average age in days of the District’s AR in August 2023 was 76.2 days, down from 86.7 days in July 2023. This reduction in AR aging is primarily the result of higher water sales revenue in July and August. The average age of AR in August 2022 was 47.0 days.

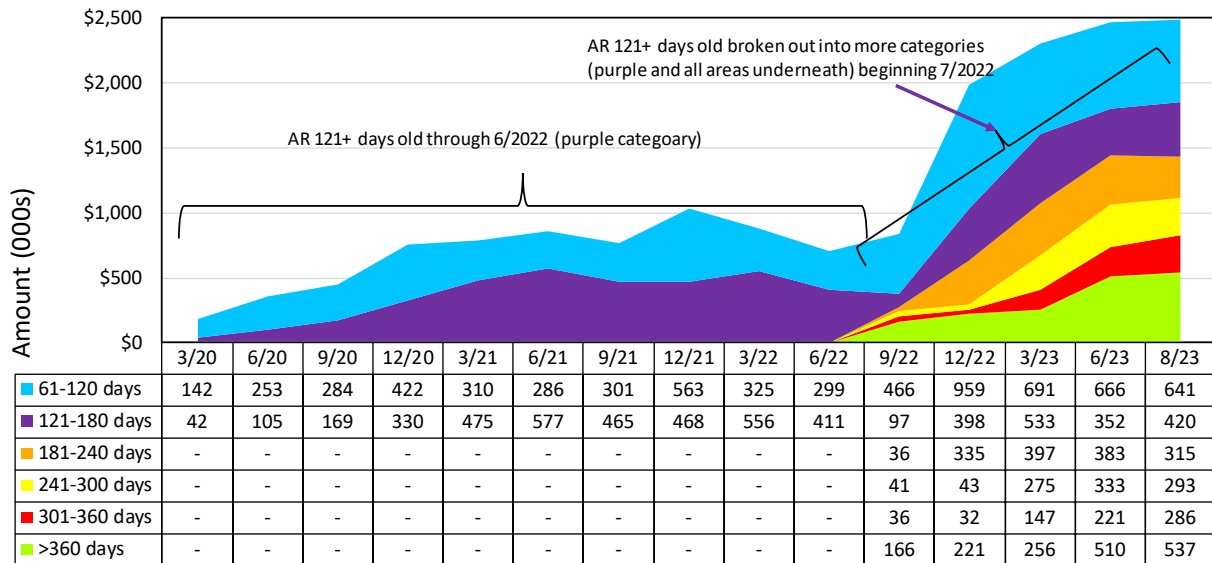
### Days Sales Outstanding (DSO)



**COMMENTS:**

Days of sales outstanding (DSO) for August 2023 was 38.5 days as compared to 38.8 days for July 2023 and 24.6 days for August 2022. Since August 2022, the DSO has increased by 13.9 days or 56.5%. Normally DSO reaches its peak in September with a decline until December/January; then the DSO is usually flat for the months of January through April/May.

### AR Greater than 60 Days



**COMMENTS:**

During both the COVID-19 pandemic and the CIS go-live, collections and shutoff activities were suspended. These activities have recently been reinstated but the dramatic growth in the AR Aging during this timeframe can best be seen in the graph above, *AR Greater than 60 Days*.

# INVESTMENTS

## PERFORMANCE

The following summarizes the District’s portfolio earnings and activity in August:

- The District earned approximately 4.0% on its core portfolio, a decrease of 0.3% from July.
- The Local Government Investment Pool (LGIP) earnings rate increased to 4.5% in August.
- The core portfolio’s projected future yield was approximately 4.3% at the end of August, up 0.1% from the projection at the end of July.

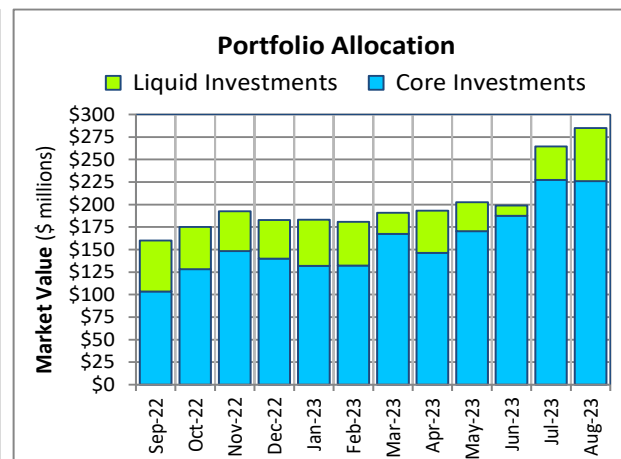
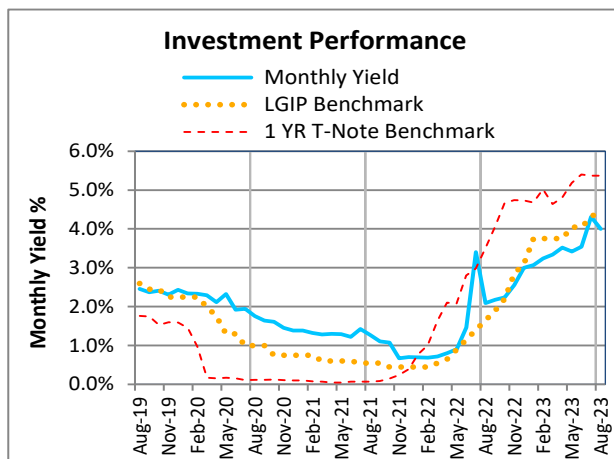
## ACTIVITY

In August, the District had four securities mature for a total of \$37 million. After other funds received offsetting expenditures at the WWSP, the District was able to reinvest most of the value of the matured holdings. On August 21, 2023, the District purchased five new securities with a total value of \$36 million. These additions to the District’s portfolio follow the ongoing strategy to invest portions of the District’s cash reserves in federal paper obligations to earn better returns while still providing near-term liquidity for planned capital expenditures. Four of the five new investments will yield between 5.40% and 5.55% in returns to the District and the fifth security will yield 4.53%; all greater than the current earnings rate at the LGIP and much greater than the 1.35% interest rate on the District’s WIFIA loan, resulting in significant near-term interest earnings for relatively little in future interest expense.

In addition to this activity, the graphs below now include the impacts of an additional \$27.7 million held in a separate bond proceeds account at the LGIP. The combination of these federal paper securities and LGIP funds, originating from bond proceeds, account for the significant increase in total portfolio value being reported this month. For detailed summaries of the District’s core portfolio, see investments-related reports in the Appendix. The report titled *Monthly Investment Activity* includes details of monthly portfolio activity and *Investment Portfolio Analysis* provides a summary of portfolio earnings rates, duration, and market value distribution security type.

## SUMMARY

As of August 31, the District’s portfolio was valued at approximately \$285 million, up \$20.6 million from the value at the end of July. Summary graphs are provided below. For additional portfolio details, see *Investment Call Schedule* in the Appendix.



## PROCUREMENTS REPORT

Vendor	Amount	Goods/Services
<b>Administration</b>		
Portland Water Bureau	\$137,284	Regional Water Providers Consortium Annual Dues
Washington County Finance Division	\$60,000	Election Expenses
Conсор North America, Inc.	\$62,690	Communications Services
<b>Engineering</b>		
Columbia Basin Water Works, Inc.	\$35,000	Water Meter Testing, Repair, and Maintenance
Relay Resources	\$300,000	Landscape Maintenance and Mowing Services
K&E Excavating, Inc.	\$448,550	Change Order 1 to OR99-TVWD Relocation
EMA, Inc.	\$346,081	Third Amendment for Asset Management Consulting Support
Pape Machinery, Inc.	\$656,839	Vacall Hydro-Excavator AE1213/Kenworth Chassis
Klir, Inc.	\$180,500	Water Quality Software as a Service
Charter Mechanical, Inc.	\$95,000	On Call HVAC Plumbing Services
Hydro-Temp Mechanical, Inc.	\$30,000	On-Call HVAC/Mechanical Service
Five-Star Electric, Inc.	\$100,000	On-Call Electrical Services
Hoss Paving, Inc.	\$100,000	On-Call Paving
<b>Finance</b>		
Portland Water Bureau	\$23,246,300	2023-2025 Water purchase
Cascade Columbia Distribution Company	\$41,219	Water treatment chemicals
City of Hillsboro - JWC	\$7,976,800	2023-2025 water expenses
City of Hillsboro - Barney Reservoir	\$1,140,000	2023-2025 water expenses
City of Beaverton	\$370,000	Right-of-way fees
City of Hillsboro	\$1,055,000	Right-of-way fees
City of Tigard	\$610,000	Right-of-way fees
<b>WWSP</b>		
Commonstreet Consulting LLC	\$87,037	WWSP Real Estate Acquisition Support Services
Brown and Caldwell Corporation	\$2,906,340	MPE_1.0 Design, Bidding Phase, and Services during Construction
Emery & Sons Construction Group	\$14,354,597	MPE_1.2-COB_1.2 Pipeline Construction
Moore Excavation, Inc.	\$28,021,931	PLM_1.3 Pipeline Construction
Moore Excavation, Inc.	\$14,251,918	PLM_2.1 Pipeline Construction

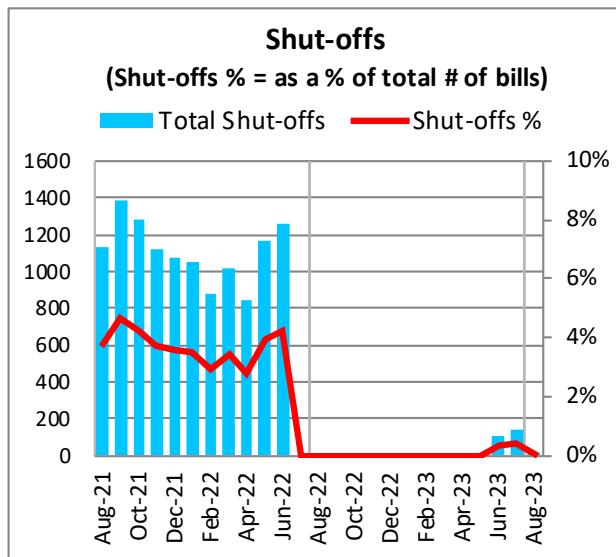
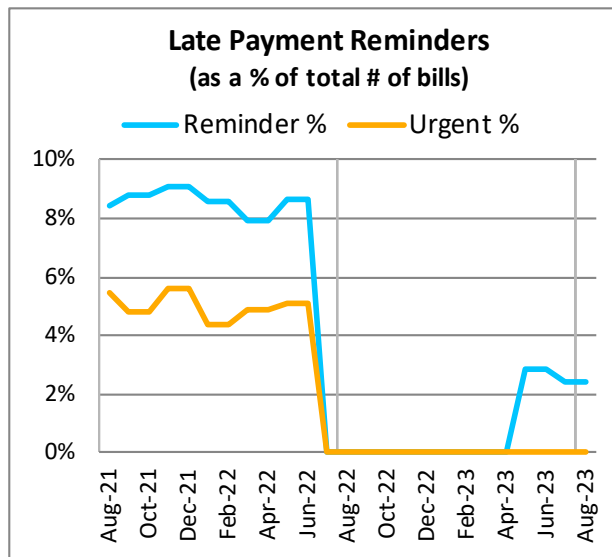
WWSP (Continued)		
Professional Service Industries Inc.	\$90,226	RWF_1.0 Facilities Construction TO-3
Brown and Caldwell Corporation	\$2,394,326	PLM 4.0 Design, Bidding Phase, and Services during Construction
Advanced Technology Communications	\$50,150	Aerial Photography
Tapani, Inc.	\$16,541,408	PLM_4.3 Pipeline Construction
Washington County Land Use and Transportation	\$6,205,111	PLM_4.1 Pipeline Construction
Washington County Land Use and Transportation	\$10,024,413	PLM_4.4 Pipeline Construction
Cannon Solutions America Inc.	\$30,000	Copier Maintenance
Portland General Electric	\$31,961	MPE_1.2 LECA M3365337
Professional Service Industries Inc.	\$126,410	PLM_4.4 Materials Testing and Inspection Services
Consor North America, Inc.	\$44,299	Public Outreach FY24
Black & Veatch Corporation	\$832,027	RES_1.0 Design, Bidding Phase, and SDCs
Black & Veatch Corporation	\$344,297	RWF_1.0 Design, Bidding Phase, and SDC
Confluence Engineering Group LLC	\$571,067	Water Supply Integration Services
Clair Company Inc.	\$184,021	MPE_1.3 TO-3 Materials Testing and Special Inspections
David Evans and Associates, Inc.	\$1,409,641	Permitting Services
Professional Service Industries Inc.	\$184,100	PLW_2.1 TO-5 Materials Testing and Special Inspections
Professional Service Industries Inc.	\$144,085	PLW_1.2 TO-1 On Call Engineering and Professional Services
Professional Service Industries Inc.	\$231,875	PLM_1.0 TO-8 Materials Testing and Inspection Services
Kennedy/Jenks Consultants, Inc.	\$707,168	PLW_2.0 Design, Bidding Phase, and SDCs
City of Hillsboro	\$581,000	Staff Work and Training
Carlson Testing Inc	\$136,448	PLM_4.3 TO-3 Materials Testing and Inspection
Molalla River Watch Inc.	\$249,336	Molalla River State Park Floodplain Forest Restoration
IT Authorities Inc	\$711,204	Scheduling Software Hosting Services
S&B Inc.	\$30,000	DCS_1.0 Design, Planning, Programming, and Field Services
Tapani, Inc.	\$206,289	PLW_1.3 Pipeline Construction
Clair Company Inc.	\$148,735	PLM_5.3 TO-2 Materials Testing and Inspections
Kennedy/Jenks Consultants, Inc.	\$397,148	PLW 1.0 Design, Bidding Phase, and SDCs
Clair Company Inc.	\$141,004	RES_1.0 TO-1 Materials Testing and Inspections

<b>Information Technology</b>		
ESRI Inc.	\$124,950	GIS Software Maintenance
Open International LLC	\$1,335,214	Open SmartFlex Monthly Service Fees FY2023-2025
Open International LLC	\$500,000	OF-7 Open SmartFlex Projects and Service Requests
Badger Meter Inc	\$75,100	Badger Meter Reading Hardware/Software Maint.
Microsoft Corporation	\$218,018	Monthly Services (Office 365)
Microsoft Corporation	\$197,939	Enterprise Agreement
RingCentral Inc	\$210,882	Telephone and Contact Center Services
Northwest Fiber LLC	\$111,850	Ziplay Telecom Circuits
Lumen Technologies Group	\$168,449	Lumen Telecom Circuits
AT&T Mobility	\$225,352	Cellular, APN, and NetMotion Services
Park Place Technologies, LLC	\$39,323	Hardware Maintenance for Servers & Switches
CenturyLink	\$168,449	Bi-Annual Centurylink Circuits
<b>Bidder Integrity Reviews</b>		
There were no bidder integrity reviews for the month of August 2023.		

## PAYMENT TRENDS

With the launch of the new CIS, Open Smartflex (OSF), the District suspended reminder notices and other past due collection actions during the stabilization period. Collection activities in Smartflex are now being activated, including reminder notices, urgent notices, automated phone calls, and service shut off for non-payment. To manage the workload, each week, new billing cycles will be introduced to the associated activities. All billing cycles should be fully engaged with collection activities by mid-October.

- In August, the District issued 6 vouchers for water issued from the Customer Emergency Assistance Program.
- There were no vouchers issued for wastewater/surface water management services for Clean Water Services.





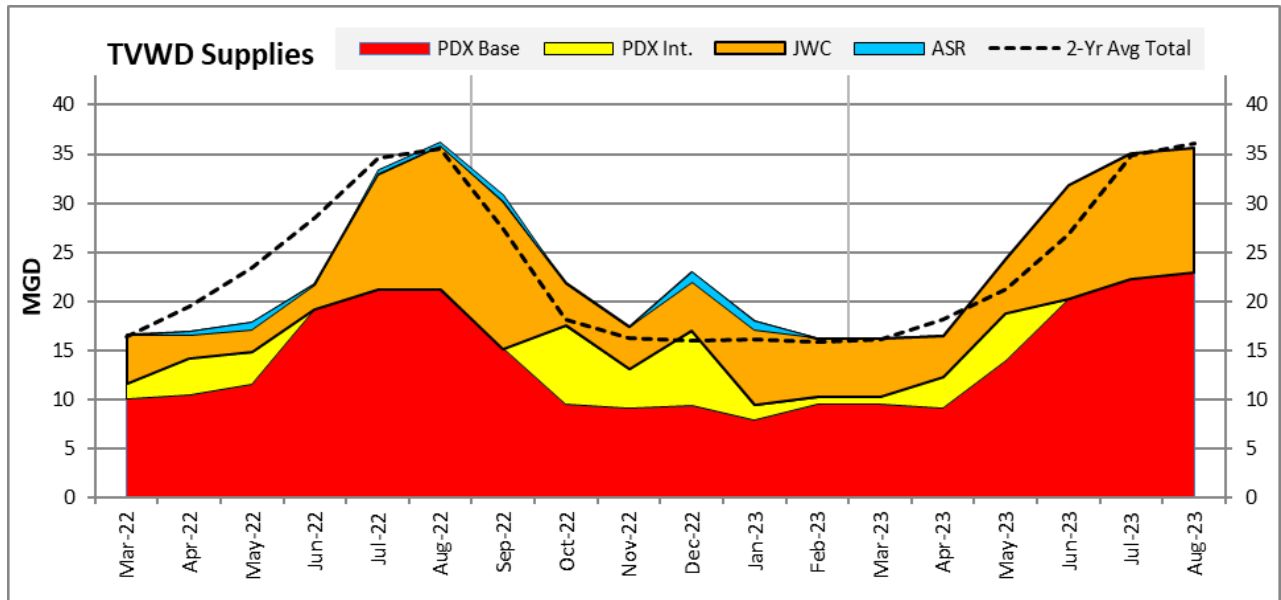
# WATER SUPPLY

## WATER RESOURCE ADEQUACY

### WATER INVENTORY REPORT

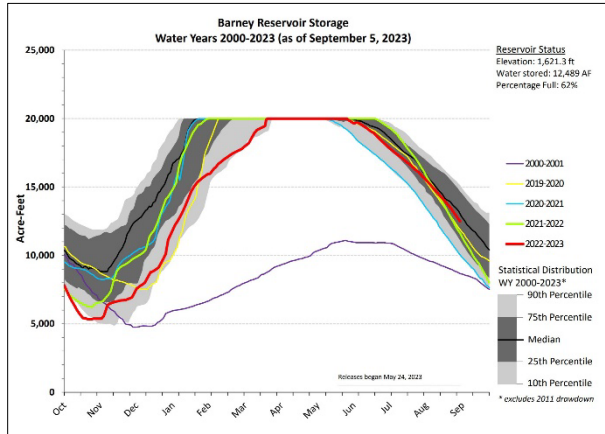
#### COMMENTS:

- TVWD’s average-day supply for August was 35.67 MGD.
- The average supply from Portland was 22.95 MGD. Average supply from JWC was 12.72 MGD, which included 2.3 MGD for wheeling to City of Beaverton customers.
- No ASR recovery operations occurred in August.
- TVWD’s average demand, net of changes to the District’s reservoir and ASR storage, was 35.6 MGD for the month of August. This figure includes 0.1 MGD based on changes to the District’s reservoir and ASR storage.

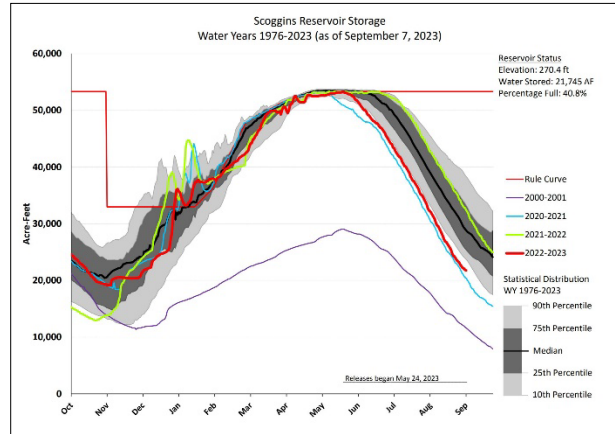


## RESERVOIR LEVELS

JWC – Barney Reservoir (AF): September 5, 2023

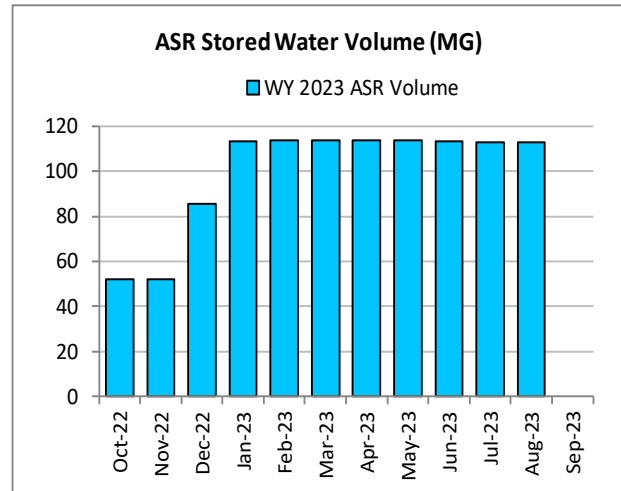
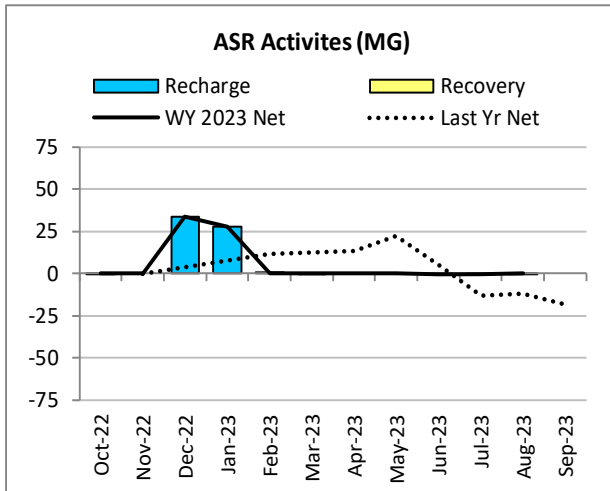


JWC – Scoggins Reservoir (AF): September 7, 2023



Note: One acre-foot (AF) = 325,851 gallons or 0.326 MG

## ASR UPDATES



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## WILLAMETTE WATER SUPPLY PROGRAM UPDATE

In August, the Willamette Water Supply Program (WWSP) Tualatin Sherwood Pipeline Project (PLM\_4.3) team successfully installed approximately 120 feet of pipeline across Roy Rogers Road, between Beef Bend Road and Scholls-Sherwood Road during a recent weekend road closure.

Washington County permitted the road closure from Friday night, August 18 through Monday morning, August 21. The road closure was required to install the pipe safely and expeditiously across Roy Rogers Road near Al's Garden Center. WWSP communications staff and the contractor, Tapani Inc., provided a map of the detour route for the single impacted business, Al's Garden Center, to add to its website and notify its customers. The WWSP provided further guidance to the traveling public through flaggers, signage, and notifications on TripCheck.

The crew was able to complete the pipe installation and re-open Roy Rogers Road ahead of schedule Sunday evening. A second weekend closure of Roy Rogers Road is planned for mid-October 2024 to connect the Tualatin River Crossing on the west side of Roy Rogers Road to the southern portion of PLM\_4.3.

To find out more about this project, visit the website at <https://www.ourreliablewater.org/tualatin-sherwood-area-pipeline-project/>

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## WATER RESOURCES & WATER QUALITY

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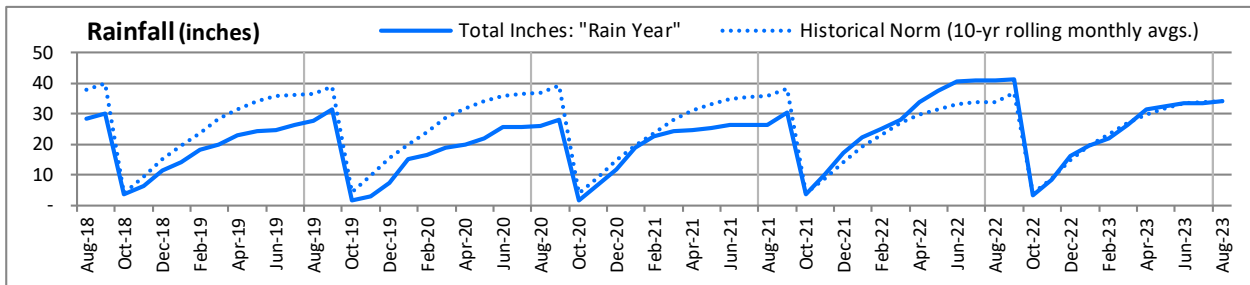
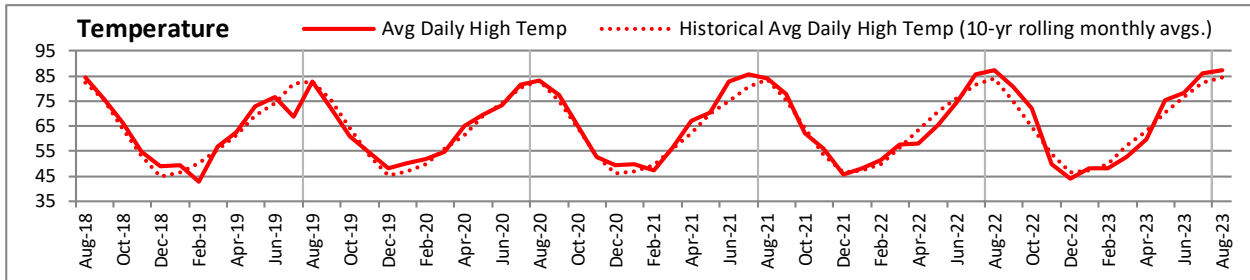
### HIGHLIGHTS

August activities included:

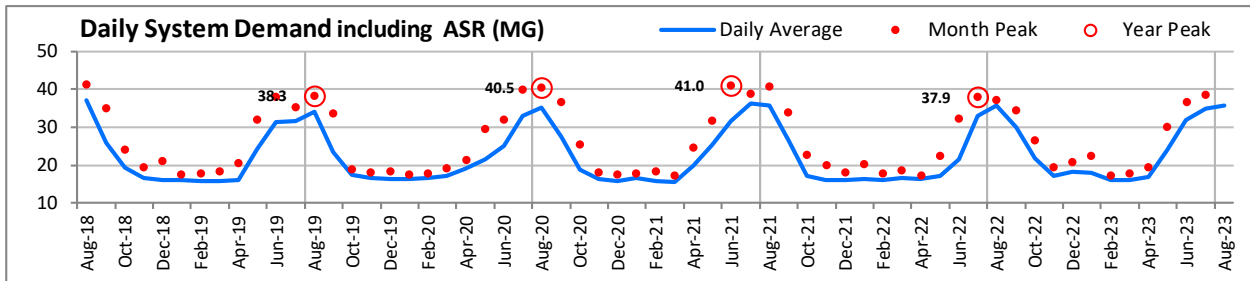
- Staff collected over 400 individual microbiological and system assessment samples (e.g., chlorine residuals, pH, source tracing) throughout the distribution system this month. All samples were confirmed negative for bacteria and within expected values, meeting regulatory compliance for the month of August.
- Staff performed another round of lead and copper monitoring at over 100 District customer homes to evaluate the efficacy of Portland's Improved Corrosion Control Treatment (ICCT). Results will be available next month but are expected to show stable results from the spring round collected in May because of ICCT being implemented in fall of 2022.

## SUPPLY & DEMAND INDICATOR TRENDS

### Supply Trends: August 2018 – August 2023



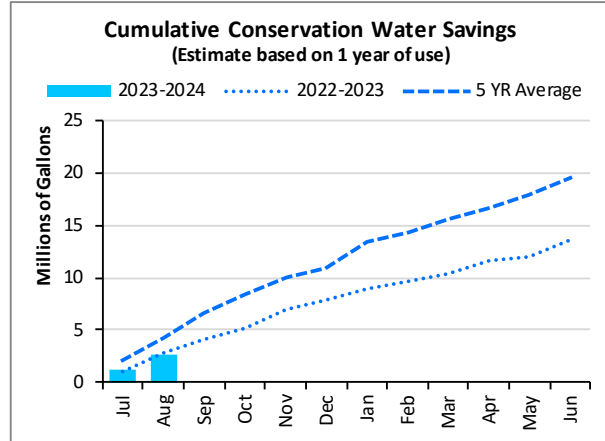
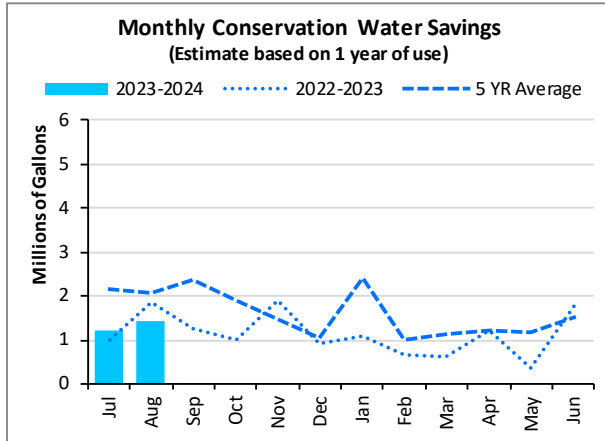
### Demand Trends: August 2018 – August 2023



# CUSTOMER SERVICE

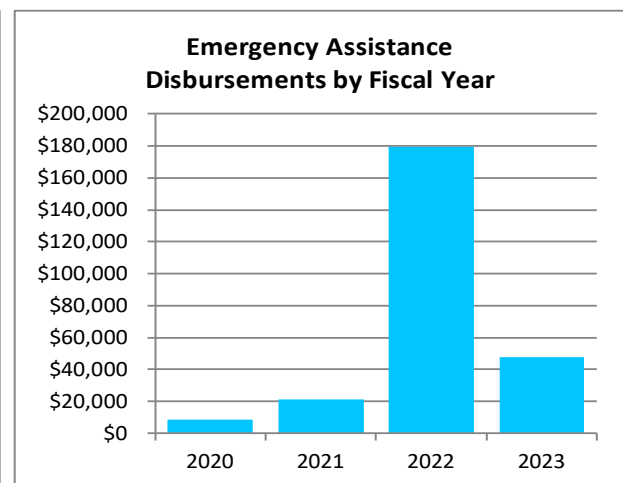
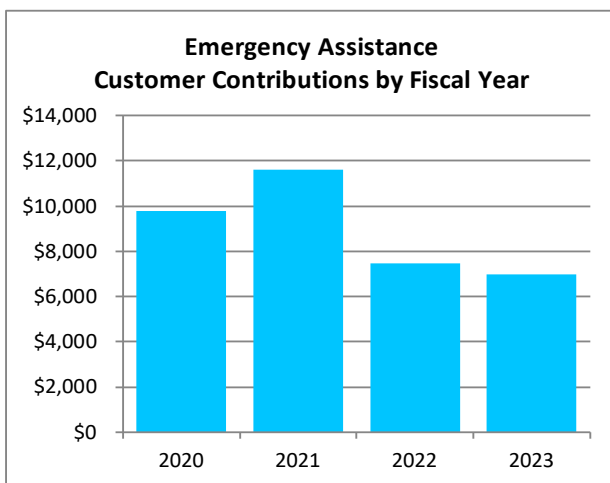
## COMMUNITY SUSTAINABILITY

### CONSERVATION PROGRAM



### CUSTOMER EMERGENCY ASSISTANCE PROGRAM

Customers can apply for financial assistance through Community Action of Washington County and TVWD’s Customer Emergency Assistance Program (CEAP). Eligible single-family residential customers can receive assistance towards their water balance (capped at up to the cost of 28 CCF volume and the fixed charge). During the month of August, the CEAP provided financial assistance to six customers totaling \$1,133. Contributions from customers, commissioners, Clean Water Services, and TVWD employees totaled \$600 for the month of August. These contributions are held in the Customer Emergency Assistance Fund (CEAF). All interest earned on the funds is retained in the CEAF to assist customers in the future.



# DISTRICT ASSETS

## INFRASTRUCTURE STABILITY

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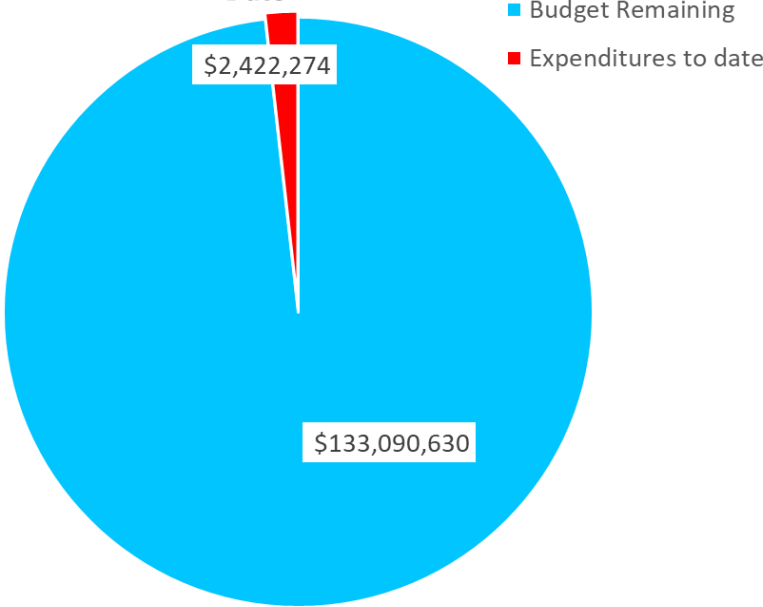
### CIP SUMMARY (KEY PROJECTS)

The following is a brief update for milestones achieved and significant issues encountered for ongoing capital improvement projects:

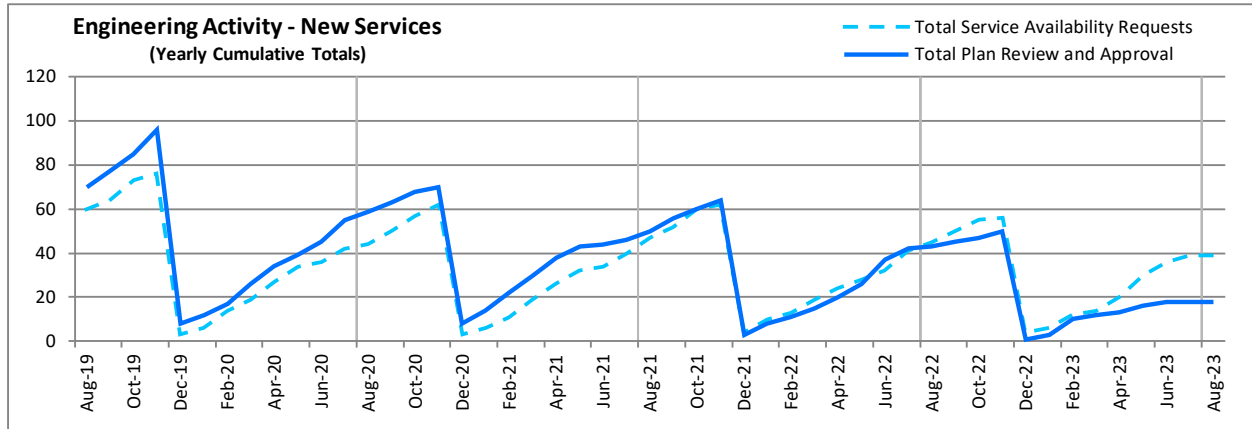
- Farmington Flow Control and Fluoride Facility: Paving, concrete median installation, and permanent power installation were completed in August. Progress was made on mechanical and electrical items inside the facility. Major work planned for September includes fencing and gates, landscaping, and site lighting. Delivery of several items continues to be an issue which is impacting the schedule; however, all missing parts are expected to arrive in September followed by installation and startup activities.
- Taylors Ferry Reservoirs & Site Seismic Improvements: The District received notice that the FEMA mitigation grant will cover 100% of project costs with 90% funding coming from federal sources and 10% funding from the state, though timing of the award and subsequent construction remains in flux. Project permitting remains ongoing. Plans and specifications are undergoing one last round of comments to ensure TVWD has met all the contracting requirements for the FEMA mitigation grant. Bidding is being delayed pending receipt of permits and FEMA award.
- 189<sup>th</sup> Pump Station & Pipeline: Geotechnical investigations were completed in August, as well as a review of the Basis of Design, and advancement of the surge analysis, and discharge piping alignment. The 30% design is on-schedule for submittal at the end of September.
- Hwy 99W – I-5 to McDonald: The night work project to relocate a section of main in Hwy 99W was completed September 5<sup>th</sup> which is after the closing period of this *Month-in-Review*. An additional section of the waterline was replaced as part of the construction to avoid the risks of being near a new retaining wall constructed by ODOT.
- SW 175<sup>th</sup> Vault Replacement: The vault is currently under construction by in-house construction crews.
- Kemmer Rd 24-Inch Connection to Beaverton: Construction materials are being ordered. Construction is expected to begin on the District's portion in spring of 2024. City of Beaverton began construction on its portion of the connection on September 5<sup>th</sup> which is after the closing period for this *Month-in-Review*.

The charts below summarize the CIP expenditures for the 2023-2025 biennium. Additional information for the in-progress capital improvements can be found in Appendix B.

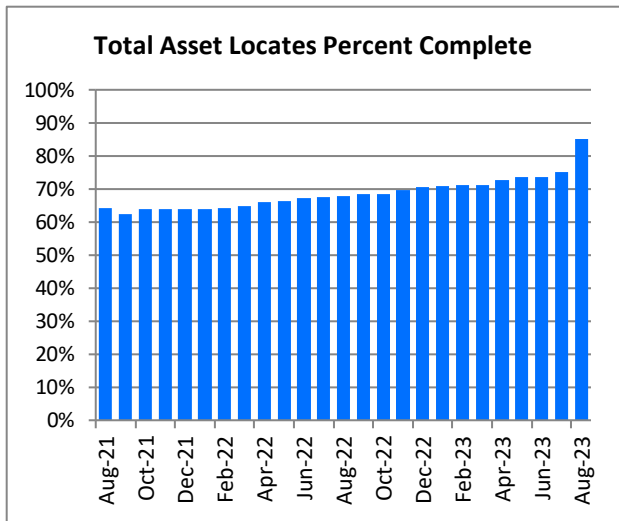
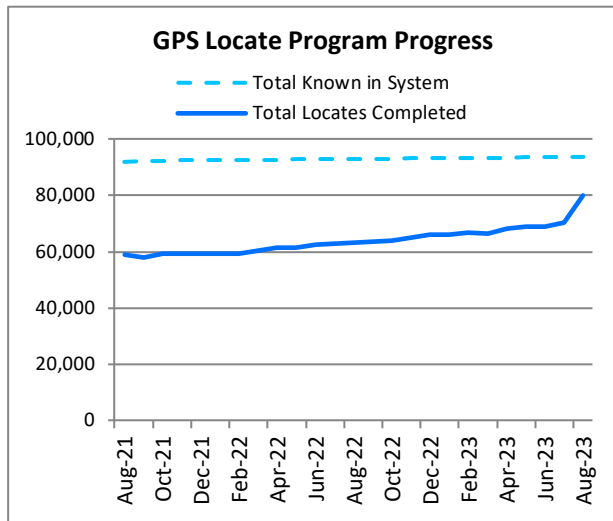
2023 - 2025 Biennium Remaining CIP Budget vs. Expenditures to Date



## ENGINEERING ACTIVITY

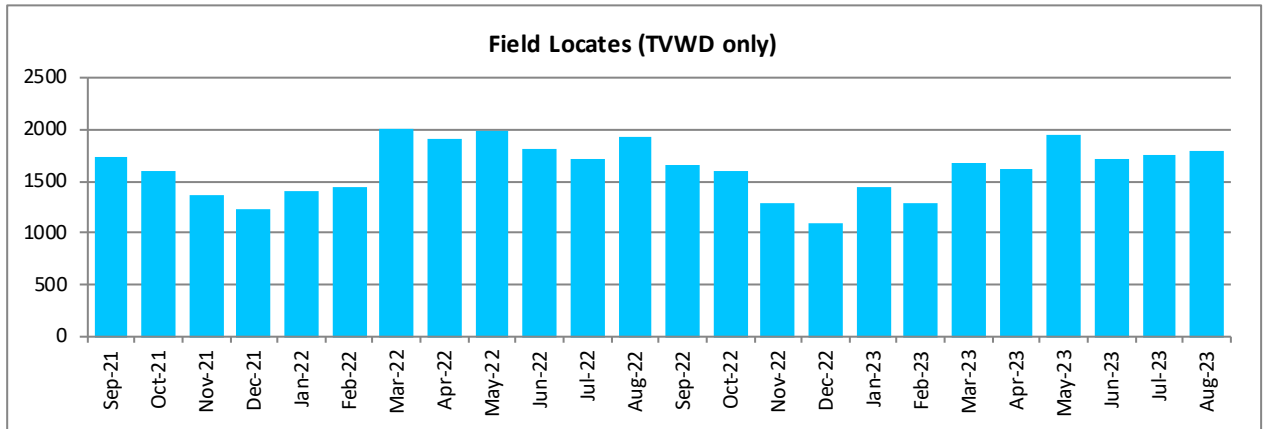


## GPS LOCATES

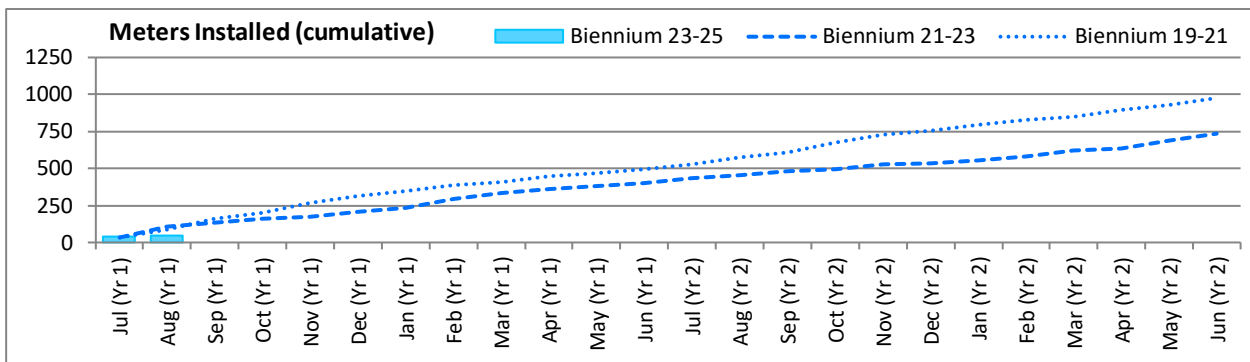
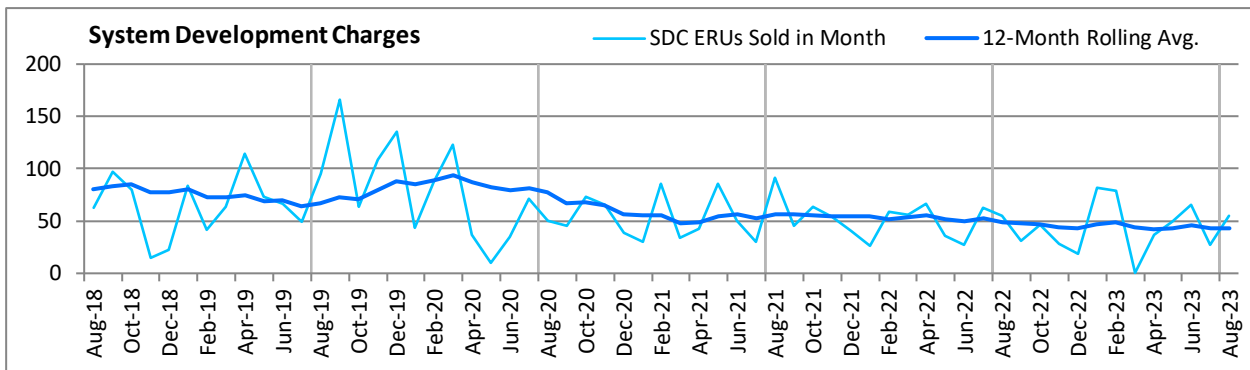




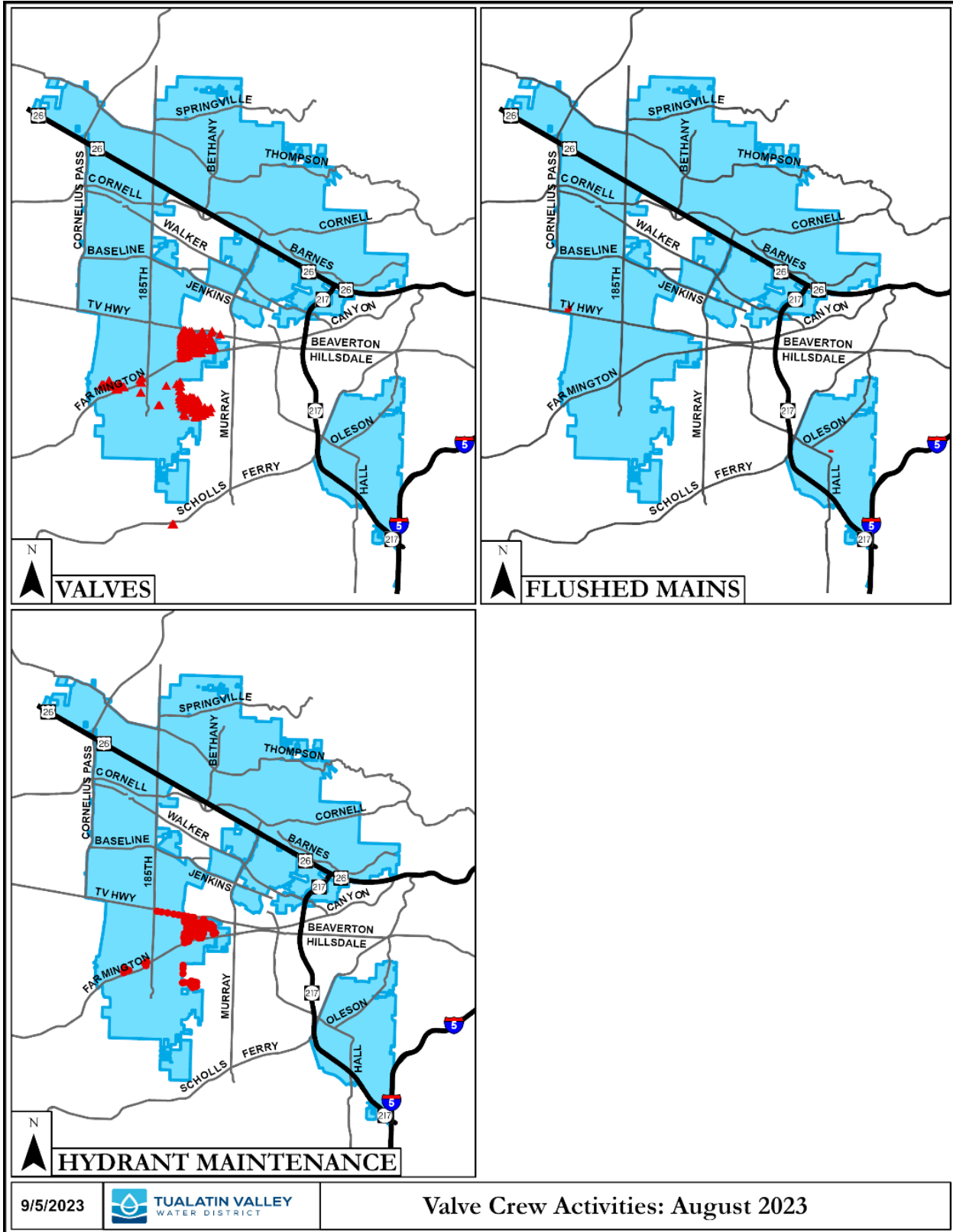
## FIELD LOCATE REQUESTS



## SYSTEM GROWTH



VALVE MAINTENANCE ACTIVITIES



## INFORMATION TECHNOLOGY

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The IT team is currently focused on day-to-day maintenance and support activities, implementing technology-focused projects, and preparing for upcoming initiatives.

- Work to upgrade the District’s meter reading software continued via a collaboration between TVWD IT, the meter reading software vendor, and the Customer Information System (CIS) vendor. Data transfer process and configuration requirements were defined, and work to implement the changes was started.
- Work to update custom CIS reports for Customer Service and Finance continued.
- IT staff met with Gartner analysts to validate industry and technology best practices prior to the development of equipment refresh and Business Intelligence RFP materials.
- Project work began to define the District’s SharePoint and Office365 roadmap, evaluate data management and records retention processes, and identify strategies for archiving Willamette Water Supply Program project data.

## RISK MANAGEMENT

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Risk Management continues to support safety, emergency management, security, and risk programs for the District. Notable recent activities include:

- Ongoing upgrades to the District’s access control and intrusion alert system.
- Completed hearing testing for 62 employees.
- Coordinating emergency water distribution trailer upgrades.
- Participating in WWSP construction safety audits, safety meetings.

## EMPLOYEE AND LEADERSHIP DEVELOPMENT

### STAFFING ACTIVITY

Action	Position	Employee Name
Hire	Bilingual CS & Billing Specialist	Donna Macias
Hire	Engineering Intern	Jackson Kaye

#### Open Positions for current month

Closed	Field Support Associate
Open	WWO Valve Crew Lead
Open	Bilingual CS & Billing Specialist
Closed	Risk Coordinator

### EMPLOYEE DEVELOPMENT ACTIVITY

#### Speaking Engagements

Group	Presentation	Presenter(s)
ASCE Pipelines Conference	Welded Steel Pipe Joint Seismic Design Procedure for Transient Ground Shaking and Other Axial Loading	Mike Britch

#### Conferences

Conference	Attendee(s)
ASCE Pipelines Conference	Mike Britch

# COMMUNICATIONS & PUBLIC AFFAIRS

## OUTREACH & ENGAGEMENT

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### OUTREACH & ENGAGEMENT ACTIVITIES

#### Customer Engagements:

- TVWD communicated with customers on social media platforms: NextDoor, Twitter, Instagram, and Facebook.
- Staff emailed the [August edition of the Safety Preparedness newsletter](#), with general summer safety tips.
- Community Participation Organizations took the month of August off so there were no service provider updates.
- Construction Update Email Recipients:
  - 597 total emails
  - 409 unique opens
    - Average open rate: 68%
  - 26 unique clicks from outreach emails to TVWD websites
    - Average click rate: 3%
- Construction project print mail recipients: None
  - No construction postcards were mailed during the reporting period

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### KEY CUSTOMER HIGHLIGHTS

8/21 – All were notified Portland began groundwater blending.

8/23 – All were notified Cryptosporidium detected at Bull Run intake.

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## WEBSITE

The website was updated with information about: [TVWD is Monitoring the Camp Creek Fire](#), [System Leaks and Outages](#), [About our District](#), [PFAS and your Drinking Water](#), [Seasonal Scouring - Water Main Flushing Starts Again](#), [Willamette Water Supply System Commission](#), [October 5 Willamette Water Supply System Commission Meeting](#), [Outdoor Water Conservation](#), [2023 Proposed Water Rates Information](#), [Service Line Materials Identification RFP](#), [Indoor Water Conservation](#), [Resuming Delinquency Actions](#), [Bill Assistance Programs](#), [Alfred St. Main Replacement](#), [Talkin' Water](#), [Resolutions, Rules, and Ordinances](#), [August 1 Tualatin Valley Water District Board Work Session](#), [August 1 Tualatin Valley Water District Board Special Meeting](#), [July 19 Tualatin Valley Water District Board Regular Meeting](#), [Development Services Overview](#), [Residential Multi-Stream Rotating Nozzle Retrofit Rebate](#), [Residential Weather-Based Irrigation Controller Rebate](#), [Residential High-Efficiency Toilet Rebate](#), [Rate Advisory Committee Session #4](#), [August 16 Tualatin Valley Water District Board Regular Meeting](#), [Pipe and Gaskets 2023 ITB](#), [August 3 Willamette Water Supply System Commission Meeting](#), [Water Quality](#), [Tualatin Valley Water District Customers Save with Federal WIFIA Loan](#), [Prevention of Legionella](#), [Laboratory Analysis Services RFP](#), [Bulk Water Filling](#), [Penalties & Fines](#), [Fire Hydrant Operation](#), [Damaged Hydrant](#), [Filling - Air Gap](#)

In August, the TVWD website had 36,585 views. The top five visited webpages include:

- [TVWD.org homepage](#): 15,162, 41.44%
- [My Account](#): 3,722, 10.17%
- [Other Ways to Pay](#): 3,023, 8.26%
- [Online Customer Service Portal Registration Tips](#): 1,771, 4.68%
- [Search](#): 1,131, 3.10%

SOCIAL MEDIA ACTIVITY

August 2023	Twitter	Facebook	YouTube	Nextdoor	Instagram
Number of new followers (Twitter, Facebook, Instagram, and Nextdoor); Subscribers (YouTube)	-3	9	4	462	10
Number of total followers (Twitter, Facebook, Instagram, and Nextdoor); Subscribers (YouTube)	703	587	110	89,092	284
Number of profile visits (Facebook, and Instagram) or Views (YouTube)	--	185	495	--	34
Number of TVWD generated posts and reposts or tweets	6	3	3	3	6
Impressions	1,990	--	--	3,141	696
Tweet/Instagram mentions	8	--	--	--	0
Number of Twitter engagements (replies, retweets, likes), Facebook engagements (likes, comments, clicks, shares); YouTube (comments, likes), Nextdoor (thanks and comments), Instagram content interactions (likes, shares, replies)	49	13	0	5	59
Total Reach (Number of people that saw posts)	--	264	--	--	250
Direct Messages	0	0	--	0	0

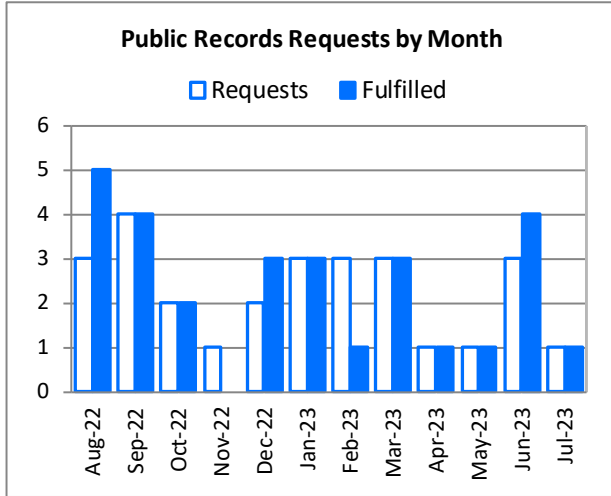
**Legend:**

- **Impressions:** Number of times platform users view the District’s messages in timeline, search results, or from TVWD’s profile (or total number of potential Tweet impressions that can be seen)
- **Profile visits:** Number of times followers visited the District’s profile page
- **Mentions:** Number of times @TVWDNews was mentioned in all Tweets
- **New followers:** Number of new followers gained

## STAKEHOLDER SUPPORT

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### PUBLIC RECORDS REQUESTS



#### COMMENTS:

One public records request was received this month:

- Last 60 days payroll report for J.W. Fowler

### CUSTOMER AND PARTNER FEEDBACK

#### Pats on the Back:

There were five Pat on the Back's for the month of August: Brandon Vanaken, Julius Palisbo, Brad Vandomelen, Luke Parris, and Mike Etienne.



# APPENDICES

## A. Investment Related Information

### INVESTMENT CALL SCHEDULE

August 31, 2023

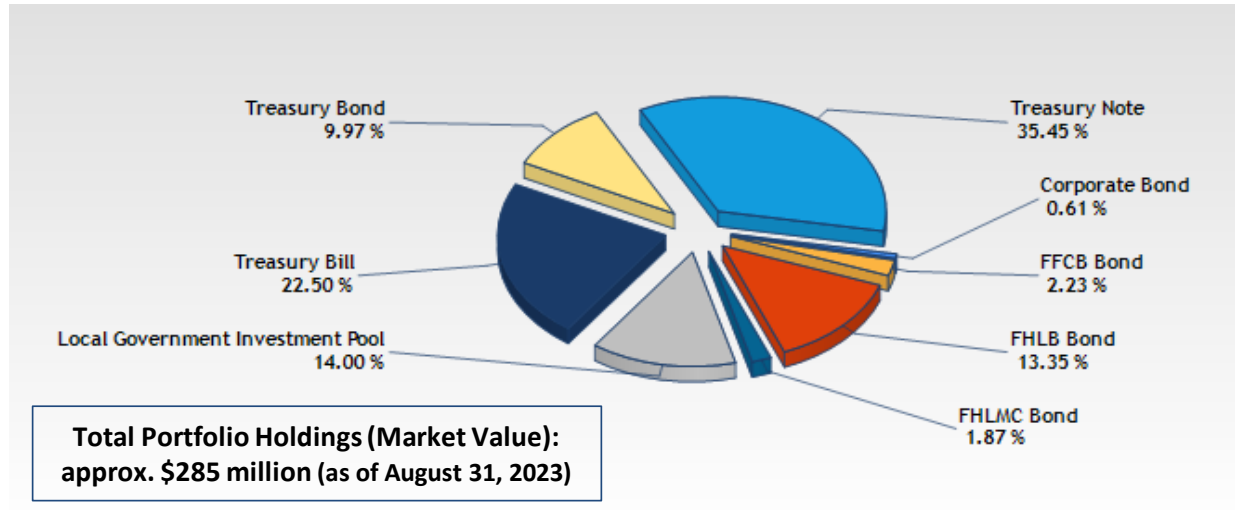
Purchase Date	Description	Yield to Maturity	Market Value	Next Coupon	Coupon Rate	Maturity Date	Par
7/1/84	Local Gov't State Pool	4.500%	\$59,120,551				\$59,120,551
07/18/23	US Treasuries	5.442%	14,709,150	N/A	0.000%	01/11/24	15,000,000
08/21/23	US Treasuries	5.482%	10,974,038	N/A	0.000%	02/15/24	11,250,000
08/21/23	US Treasuries	5.418%	10,941,790	N/A	0.000%	08/08/24	11,500,000
05/23/23	US Treasuries	5.286%	9,973,600	N/A	0.000%	09/19/23	10,000,000
07/18/23	US Treasuries	5.322%	14,690,100	10/31/23	2.250%	04/30/24	15,000,000
06/30/23	US Treasuries	5.416%	9,811,300	10/31/23	2.500%	04/30/24	10,000,000
08/21/23	US Treasuries	5.416%	11,020,613	11/15/23	2.500%	05/15/24	11,250,000
06/01/22	US Treasuries	2.747%	1,927,120	11/15/23	2.750%	05/15/25	2,000,000
06/14/22	US Treasuries	3.130%	19,603,531	10/15/23	0.125%	10/15/23	19,730,000
06/14/22	US Treasuries	3.211%	19,551,889	12/15/23	0.125%	12/15/23	19,845,000
06/14/22	US Treasuries	3.101%	13,946,771	09/15/23	0.125%	09/15/23	13,975,000
06/14/22	US Treasuries	3.173%	19,541,638	11/15/23	0.250%	11/15/23	19,750,000
11/12/21	US Treasuries	0.691%	2,892,780	11/15/23	0.250%	05/15/24	3,000,000
11/12/21	US Treasuries	0.471%	2,987,730	09/30/23	0.250%	09/30/23	3,000,000
11/12/21	US Treasuries	0.739%	2,860,080	02/15/24	0.375%	08/15/24	3,000,000
11/12/21	US Treasuries	0.812%	2,865,600	11/30/23	1.500%	11/30/24	3,000,000
06/30/23	US Treasuries	5.402%	9,879,700	02/15/24	2.750%	02/15/24	10,000,000
02/12/21	FFCB	0.208%	2,931,840	02/12/24	0.200%	02/12/24	3,000,000
06/30/23	FFCB	4.527%	990,900	09/30/23	4.375%	03/30/26	1,000,000
06/30/23	FFCB	4.865%	1,987,580	12/20/23	4.625%	06/20/25	2,000,000
08/21/23	FHLB	4.525%	1,235,300	12/30/23	4.000%	06/30/28	1,250,000
06/30/23	FHLB	4.090%	987,990	12/09/23	4.000%	06/09/28	1,000,000
07/18/23	FHLB	5.342%	9,960,100	12/14/23	4.875%	06/14/24	10,000,000
06/26/23	FHLMC	5.299%	24,469,250	N/A	0.000%	01/29/24	25,000,000
10/26/20	FHLMC	0.253%	1,490,745	10/16/23	0.125%	10/16/23	1,500,000
11/18/20	FHLMC	0.276%	1,982,340	11/06/23	0.250%	11/06/23	2,000,000
06/01/22	Royal Bank of Canada	3.411%	967,380	10/14/23	3.375%	04/14/25	1,000,000
08/21/23	Wells Fargo Bank	5.551%	752,378	02/07/24	5.450%	08/07/26	750,000
<b>Totals</b>			<b><u>\$285,053,782</u></b>				<b><u>\$288,920,551</u></b>

**Tualatin Valley Water District**  
**INVESTMENT PORTFOLIO ANALYSIS**  
As of August 31, 2023

<b>Average Earnings Yield - Aug 2023</b>	<b>3.996%</b>	
<b>Projected Weighted Average Yield</b>	<b>4.283%</b>	
<b>Weighted Avg Yield without Pool Account</b>	<b>4.068%</b>	
<b>DURATION ANALYSIS</b>		
<b>Maturity</b>	<b>Market Value</b>	<b>% of Portfolio</b>
01-45 Days	\$105,632,182	37.06%
45-180 Days	105,530,589	37.02%
6 months to 1 year	62,176,763	21.81%
1 to 2 years	7,747,680	2.72%
<b>Total</b>	<b>\$285,053,782</b>	<b>100%</b>
Average Years to Maturity Including Pool		<b>0.44</b>
Average Years to Maturity Excluding Pool*		<b>0.50</b>
<i>*Investments may be called prior to maturity</i>		
Last Maturity Date		<b>6/30/2028</b>
<b>MARKET VALUE BY TYPE</b>		
<b>Type</b>	<b>Market Value</b>	<b>% of Portfolio</b>
<b>State Pool</b>	<b>\$59,120,551</b>	<b>20.74%</b>
<b>US Treasury</b>	<b>\$178,177,428</b>	<b>62.51%</b>
<b>Federal Paper</b>		
Federal Home Loan Bank	\$12,183,390	4.27%
Federal Farm Credit Banks	5,910,320	2.07%
Federal Home Loan Mortgage Corporation	27,942,335	9.80%
<b>Federal Paper Subtotal</b>	<b>\$46,036,045</b>	<b>16.15%</b>
<b>Corporate Notes</b>		
Royal Bank of Canada	\$967,380	0.34%
Wells Fargo Bank	752,378	0.26%
<b>Corporate Notes Subtotal</b>	<b>\$1,719,758</b>	<b>0.60%</b>
<b>Total</b>	<b>\$285,053,782</b>	<b>100%</b>

**Tualatin Valley Water District  
MONTHLY INVESTMENT ACTIVITY**

**Portfolio Holdings Distribution by Security Type**



**MONTHLY INTEREST PAYMENTS**

Date	Amount	Security
8/12/2023	\$3,000	FFCB
8/15/2023	137,500	UST
8/15/2023	5,625	UST
8/15/2023	10,230	Procter
8/24/2023	1,875	FHLMC
<b>TOTAL</b>	<b>\$158,230</b>	

**MONTHLY INVESTMENT TRANSACTIONS**

Transaction Type	Date	Amount	Issuer	Date Purchased	Call Date	Date Matures	Yield to Maturity
------------------	------	--------	--------	----------------	-----------	--------------	-------------------

**DURING AUGUST —**

Matured	8/15/2023	\$660,000	Procter	3/26/2020	—	8/15/2023	2.23%
Matured	8/15/2023	\$25,000,000	UST	6/26/2023	—	8/15/2023	5.16%
Matured	8/17/2023	\$10,000,000	UST	5/23/2023	—	8/17/2023	5.27%
Matured	8/24/2023	\$1,500,000	FHLMC	10/26/2020	—	8/24/2023	0.25%
Bought	8/21/2023	\$11,250,000	UST	8/21/2023	—	2/15/2024	5.48%
Bought	8/21/2023	\$11,250,000	UST	8/21/2023	—	5/15/2024	5.42%
Bought	8/21/2023	\$11,500,000	UST	8/21/2023	—	8/8/2024	5.42%
Bought	8/21/2023	\$750,000	WFB	8/21/2023	—	8/7/2026	5.55%
Bought	8/21/2023	\$1,250,000	FHLB	8/21/2023	—	6/30/2028	4.53%

**ABBREVIATIONS**

	Abbrev.		Abbrev.
Federal Farm Credit Bank	FFCB	Procter & Gamble Co.	Procter
Federal Home Loan Bank	FHLB	Wells Fargo Bank	WFB
Federal Home Loan Mortgage Corp.	FHLMC		
US Treasuries	UST		

B. Capital Improvement Program Delivery Report

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# CAPITAL IMPROVEMENT PROGRAM DELIVERY

2023-2025 Biennium

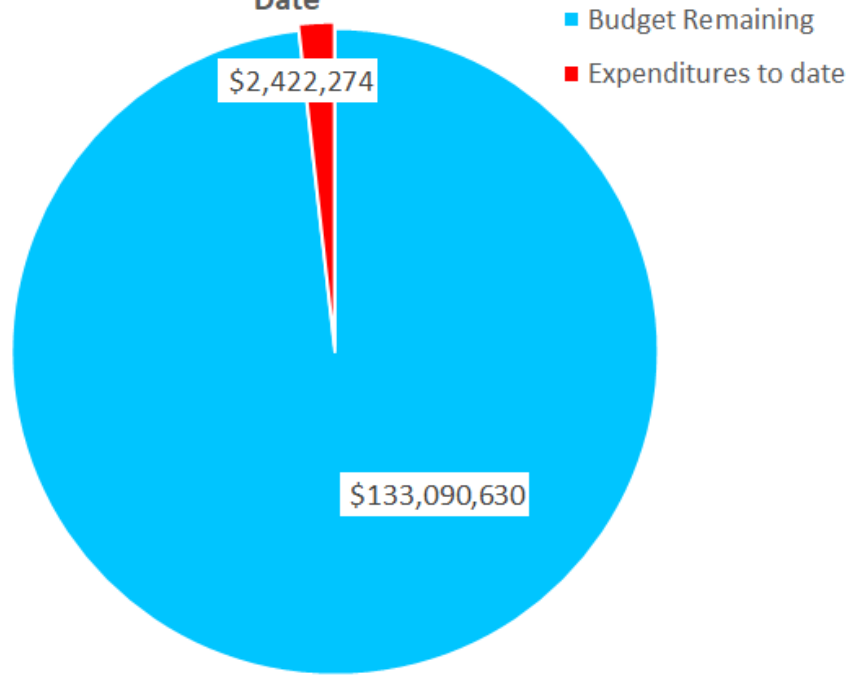


**TUALATIN VALLEY**  
WATER DISTRICT

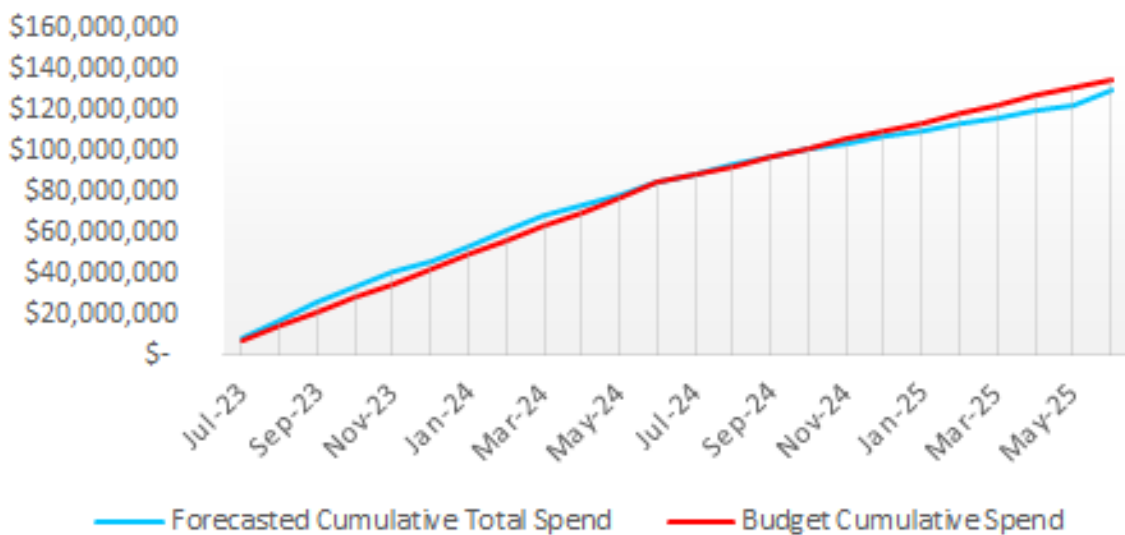
Monthly Status Report - Appendix

August 2023

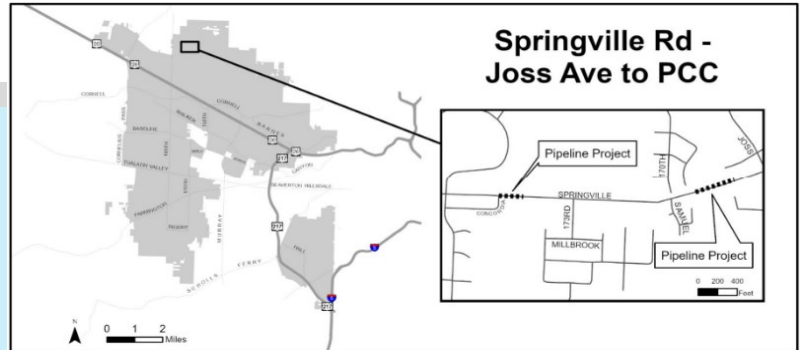
2023 - 2025 Biennium Remaining CIP Budget vs. Expenditures to Date



Cumulative Anticipated Spend  
FY 24-25 Biennium:



Project Number C12781  
 Current Phase Planning  
 Project Manager Heidi Springer  
 Project Type Pipeline



**Project Scope**  
 Washington County is planning to replace two existing culverts along NW Springville Road which will require that the District relocate sections of an existing 24-inch transmission pipeline. To limit customer impacts, the District plans to install additional isolation valves as part of this project. There are substantial settlement concerns with the new roadway fill, thus, the District plans to design the pipeline to allow movement to occur.

**Delivery Methods**

Project Delivery Method Design-Bid-Build  
 Design Delivered Consultant - On-call  
 Construction Delivered Low Bid

**Schedule**

Start Date: 7/1/2023  
 Baseline End Date: 10/13/2025  
 Estimated Completion: 11/13/2025

**Cost**

Total Estimate: \$1,501,000  
 Total Spend to Date: \$750  
 Current Biennium Est: \$671,583  
 Biennium to Date: \$750

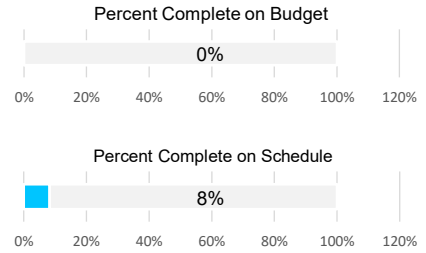
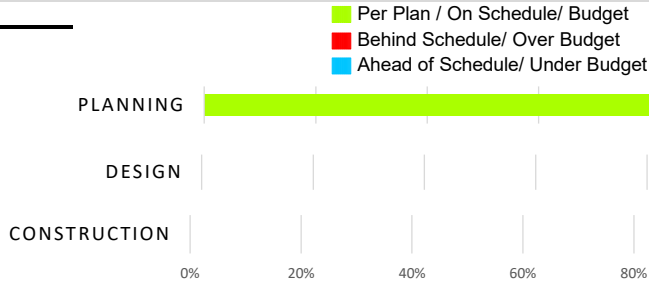
**Monthly Status Update**

Received scope from consultant and analyzing conflicts. Design to begin in the next couple months.

**Performance Outlook**

Scope Status

Adapting Plan



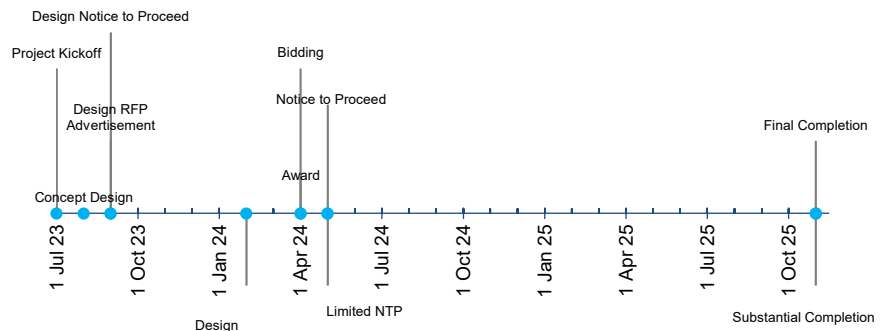
**Change Summary**

**Critical Dates**

**Milestone**

Project Kickoff 7/21/2023  
 Concept Design 9/5/2023  
 Design RFP Advertisement 8/22/2023  
 Design Notice to Proceed 9/7/2023  
 Design 2/10/2024  
 Bidding 4/7/2024  
 Award 4/26/2024  
 Limited NTP 5/18/2024  
 Notice to Proceed 5/20/2024  
 Substantial Completion 11/12/2025  
 Final Completion 11/13/2025

**Anticipated Completion**



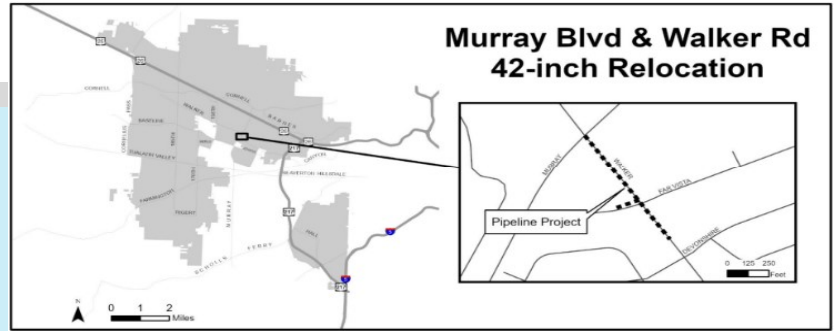




# Murray Blvd & Walker Rd 42-inch Relocation

Primary Contact : Heidi Springer | heidi.springer@tvwd.org

Project Number: C12601  
 Current Phase: Construction  
 Project Manager: Heidi Springer  
 Project Type: Pipeline



**Project Scope**  
 SW Walker Rd between SW Murray Blvd & SW Devonshire Rd will be improved by Washington County, requiring relocation of existing pipelines due to culvert and bridge work. TVWD will replace ~800 feet of 12-inch, 800 feet of 48-inch, 220 feet of 8-inch, and 420 feet of 4-inch pipe. Additionally, TVWD will relocate a 6-inch meter & vault that is in conflict with the County road widening.

### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 2/1/2019  
 Baseline End Date: 6/19/2025  
 Estimated Completion: 6/19/2025

### Cost

Total Estimate: \$3,674,800  
 Total Spend to Date: \$345,551  
 Current Biennium Est: \$3,312,473  
 Biennium to Date: \$0

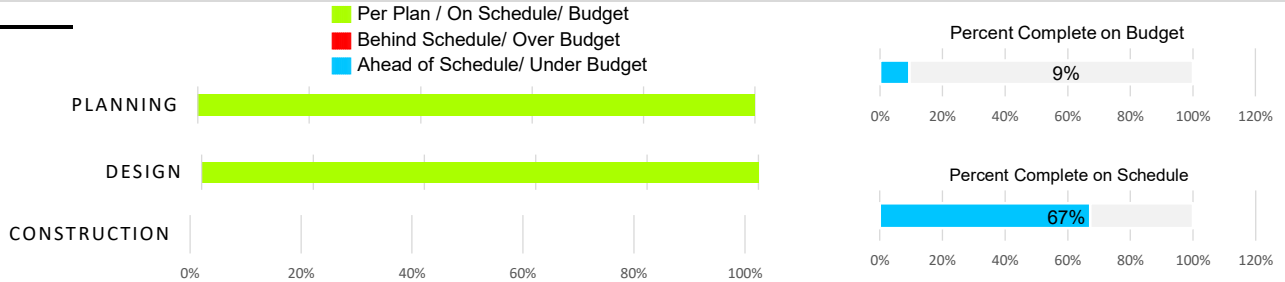
### Monthly Status Update

Bidding continues to be delayed, tied to the county project schedule. Anticipating project bidding in Fall 2023.

### Performance Outlook

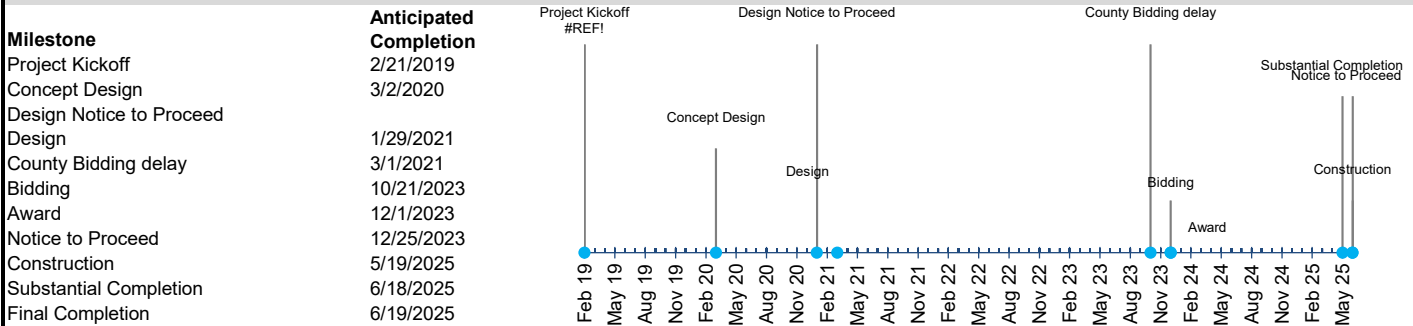
Scope Status

Adapting Plan



### Change Summary

### Critical Dates

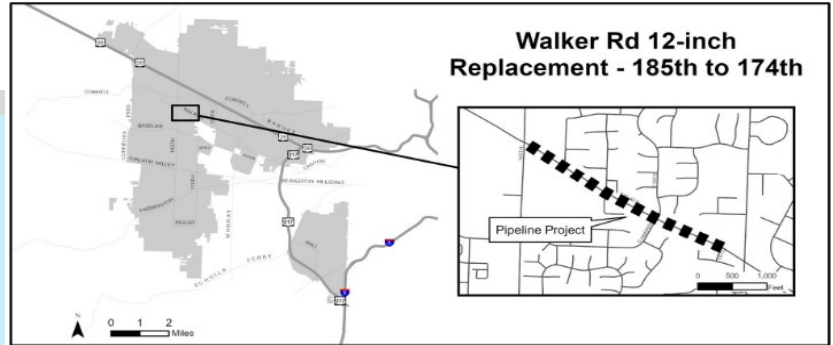




# Walker Rd 12-inch Replacement - 185th Ave to 174th Ave

Primary Contact : Heidi Springer | heidi.springer@twvd.org

Project Number: C12608  
 Current Phase: Construction  
 Project Manager: Heidi Springer  
 Project Type: Pipeline



**Project Scope**  
 Replacement of 1070 feet of 12-inch Waterline on Walker Rd between SW 185th Ave and SW 174th Ave. Work is primarily due to roadway fills/cuts and WaCo road improvement conflicts. Project includes coordination with the City of Beaverton for parts of Area 4 separation.

### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 12/30/2025  
 Estimated Completion: 12/30/2025

### Cost

Total Estimate: \$709,500  
 Total Spend to Date: \$59,481  
 Current Biennium Est: \$644,500  
 Biennium to Date: \$0

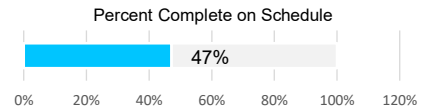
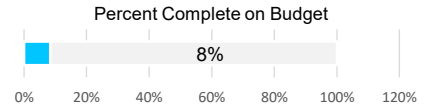
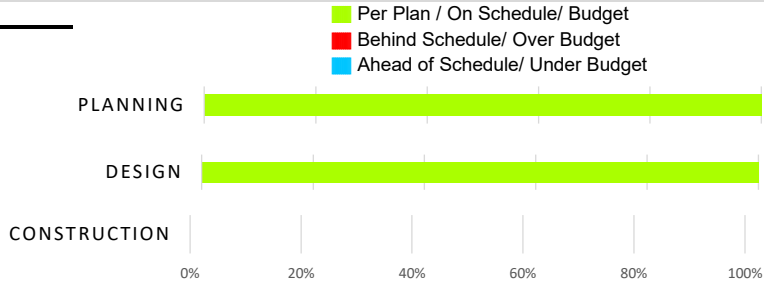
### Monthly Status Update

Project bidding has been delayed until Spring 2024.

### Performance Outlook

Scope Status

Adapting Plan

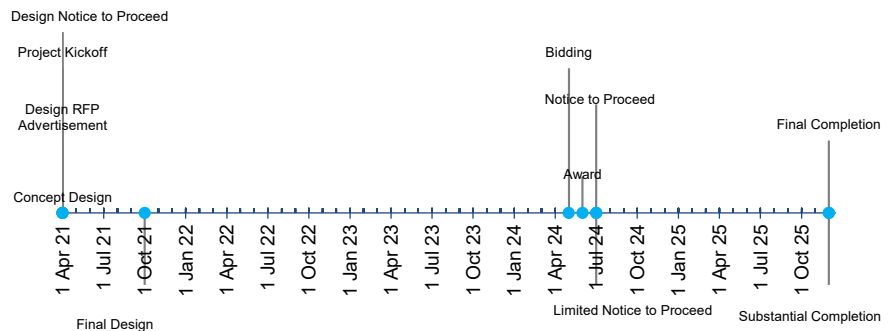


### Change Summary

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	4/4/2021
Concept Design	4/25/2021
Design RFP Advertisement	4/10/2021
Design Notice to Proceed	4/26/2021
Design	10/1/2021
Bidding	5/24/2024
Award	6/12/2024
Limited NTP	7/4/2024
Notice to Proceed	7/6/2024
Substantial Completion	12/29/2025
Final Completion	12/30/2025





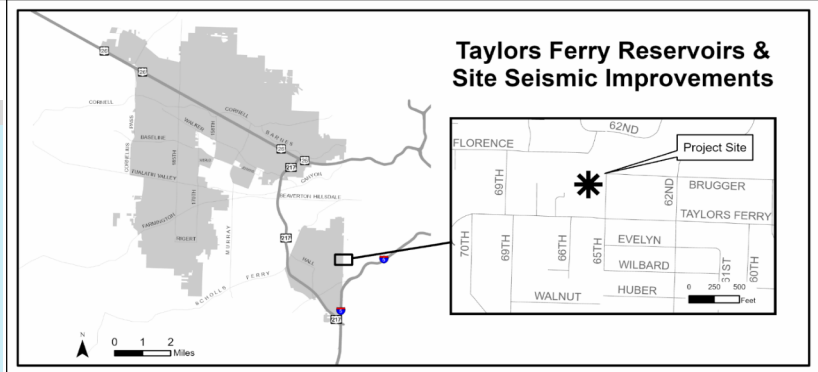
# Tualatin Valley Water District Taylors Ferry Reservoirs & Site Seismic Improvements

Primary Contact : Nick Augustus | nick.augustus@tvwd.org

Project Number: C12609  
 Current Phase: Design  
 Project Manager: Nick Augustus  
 Project Type: Reservoir

### Project Scope

The existing reservoirs are not seismically resilient and are in need of upgrades to meet current seismic codes. In addition, the existing maintenance building and the supply to the 643 zone are in need of seismic upgrades. This project includes the installation of two (2) 1.75 million gallon (MG) prestressed concrete reservoirs, a seismically upgraded maintenance building, and a booster pump station to serve the 643 zone, including upgrades to all existing site piping. The design and permitting was completed in the 2021-23 biennium. A hazard mitigation grant was awarded from Federal Emergency Management Agency (FEMA) to help cover costs of these upgrades.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: RFQ  
 Construction Delivered: Low Bid

### Schedule

Start Date: 2/6/2019  
 Baseline End Date: 8/4/2025  
 Estimated Completion: 8/2/2025

### Cost

Total Estimate: \$20,300,000  
 Total Spend to Date: \$1,496,119  
 Current Biennium Est: \$16,308,418  
 Biennium to Date: \$14,667

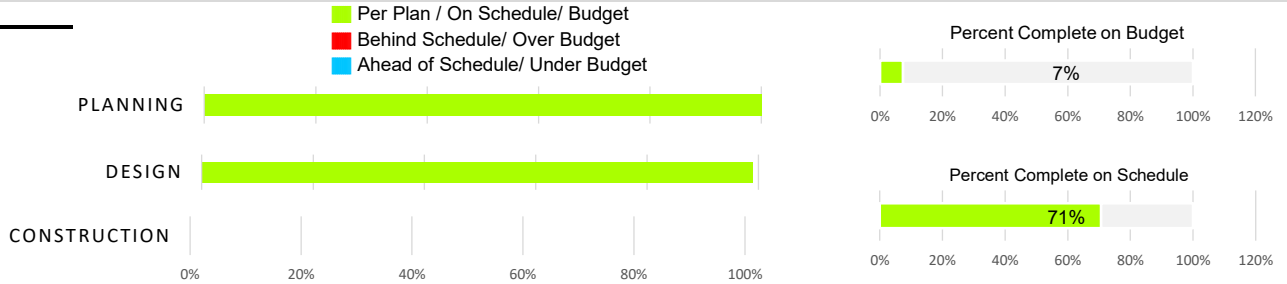
### Monthly Status Update

Project permitting remains on-going as comments are being received and addressed from the various agencies. Plans and specifications will go through one last round of comments to ensure TVWD has met all the contracting requirements for the FEMA mitigation grant. A Request for Information from FEMA was answered. District plans to bid in October pending permit receipt and FEMA award. District was notified that the FEMA grant will cover 100% of project funds. It is of note that electrical gear and equipment lead times are extreme, in excess of 80 weeks which may impact project schedule.

### Performance Outlook

Scope Status

Adapting Plan



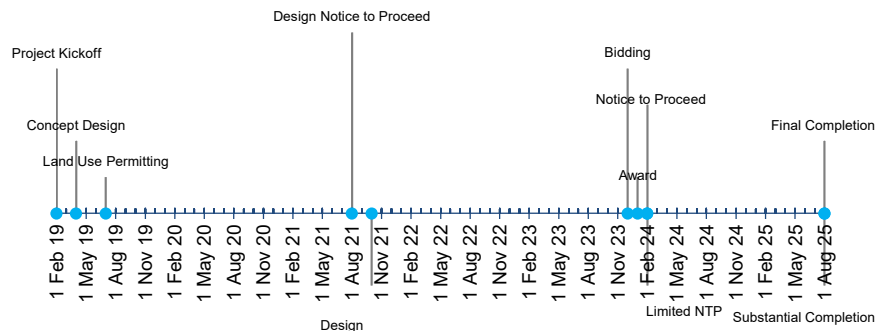
### Change Summary

Change 1: Based on CM/GC proposed Guaranteed Maximum Price, the budget was increased. Price increases due to escalation and full project scope. Schedule was adjusted to account for delay in obtaining the FEMA Hazard Mitigation Grant. Expecting to receive the grant in summer 2023, which will allow for bidding in fall 2023. Due to the FEMA contracting rules, the CM/GC contract was cancelled and the District will hire the contractor via a low-bid selection.

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	2/11/2019
Concept Design	4/30/2019
Land Use Permitting	7/30/2019
Design Notice to Proceed	8/2/2021
Design	10/1/2021
Bidding	12/25/2023
Award	1/1/2024
Limited NTP	2/1/2024
Notice to Proceed	2/3/2024
Substantial Completion	8/1/2025
Final Completion	8/2/2025





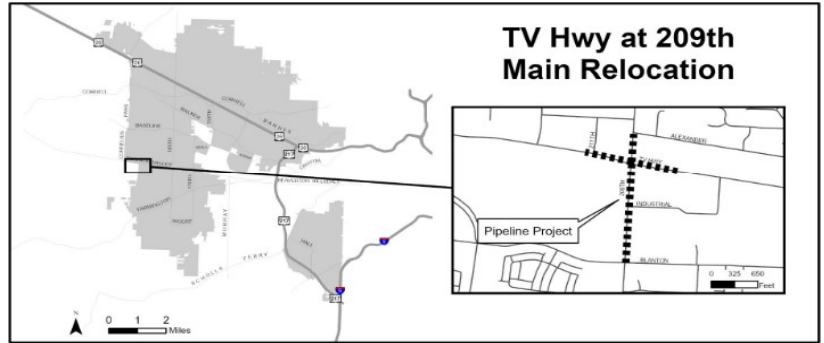
# TV Hwy at 209th Ave Main Relocation

Primary Contact : Heidi Springer | heidi.springer@tvwd.org

Project Number: C12644  
 Current Phase: Construction  
 Project Manager: Heidi Springer  
 Project Type: Pipeline

### Project Scope

Upsizing corroded 10-inch CI pipe on the north side of TV Hwy and west of SW 209th Ave with a 12-inch DI pipe and reconnect to existing appurtenances (Phase 1). Work also includes relocations of 12-inch, 18-inch, and 30-inch DI pipe along SW 209th Ave (Phase 2 & 3). Project is being done in collaboration with WashCo project #100295



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 6/28/2023  
 Estimated Completion: 12/15/2023

### Cost

Total Estimate: \$1,812,800  
 Total Spend to Date: \$1,294,086  
 Current Biennium Est: \$536,583  
 Biennium to Date: \$14,311

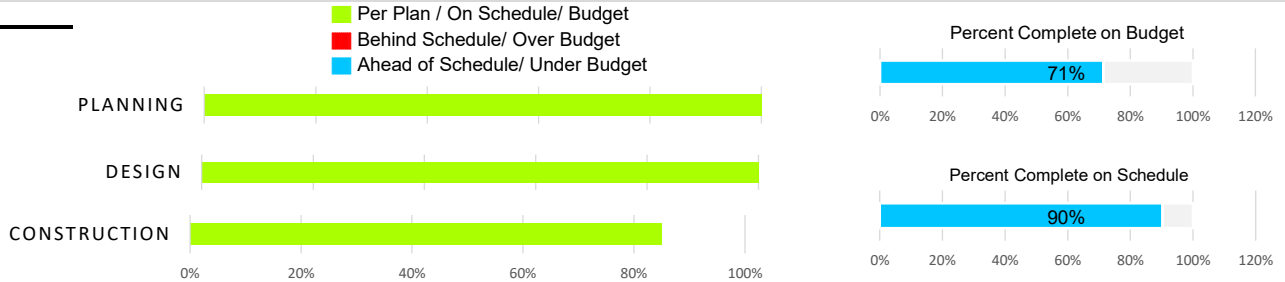
### Monthly Status Update

Waterline work on the project is nearly complete. Contractor is working on minor appurtenances.

### Performance Outlook

Scope Status

Adapting Plan

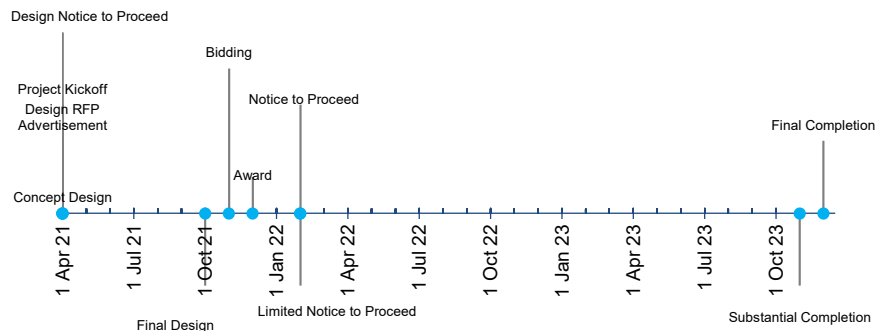


### Change Summary

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	4/4/2021
Concept Design	4/25/2021
Design RFP Advertisement	4/10/2021
Design Notice to Proceed	4/26/2021
Design	10/1/2021
Bidding	11/20/2021
Award	12/9/2021
Limited NTP	2/2/2022
Notice to Proceed	2/7/2022
Substantial Completion	11/29/2023
Final Completion	12/15/2023

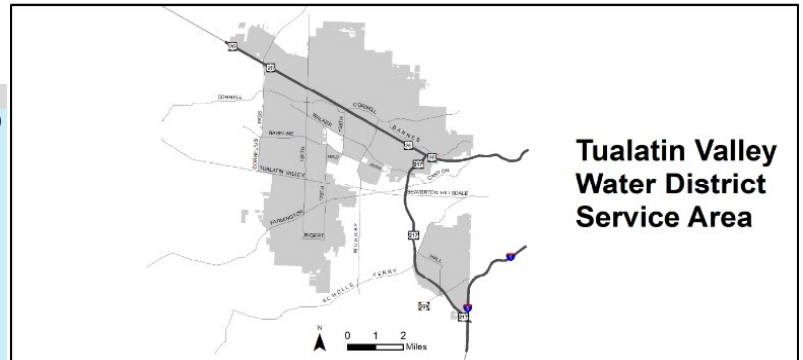




# SW 175th Vault Replacement

Primary Contact : Mohammad Ahmad | mohammad.ahmad@tvwd.org

Project Number: C12661  
 Current Phase: Construction  
 Project Manager: Mohammad Ahmad  
 Project Type: Pipeline

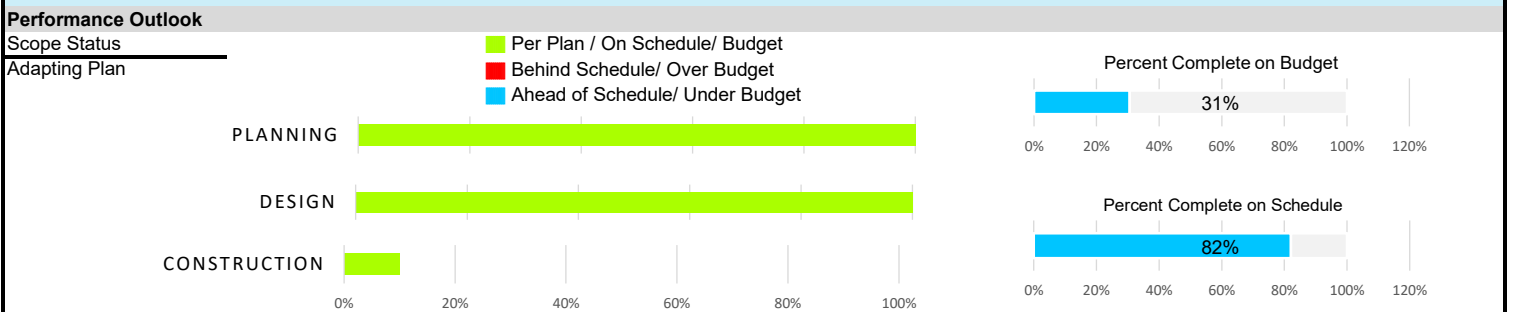


**Tualatin Valley Water District Service Area**

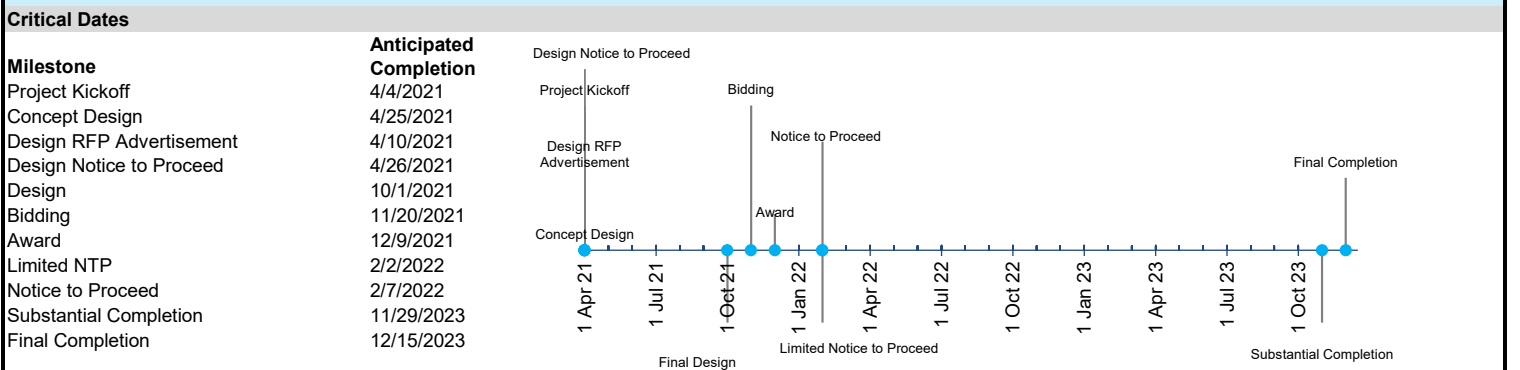
**Project Scope**  
 Existing PRV vault on SW 175th currently feeds into the 575 PZ from the 750 PZ. Vault, 4-inch & 10-inch main in vault, ladder, and appurtenances are in poor/critical condition and will be replaced.

Delivery Methods		Schedule		Cost	
Project Delivery Method	In-House	Start Date:	3/15/2021	Total Estimate:	\$182,000
Design Delivered	In-House	Baseline End Date:	10/6/2023	Total Spend to Date:	\$55,721
Construction Delivered	In-House	Estimated Completion:	12/15/2023	Current Biennium Est:	\$171,079
				Biennium to Date:	\$43,609

**Monthly Status Update**  
 Vault is currently under construction by in-house crews. Insert valve has been installed. Vault and piping are in the process of installation



**Change Summary**

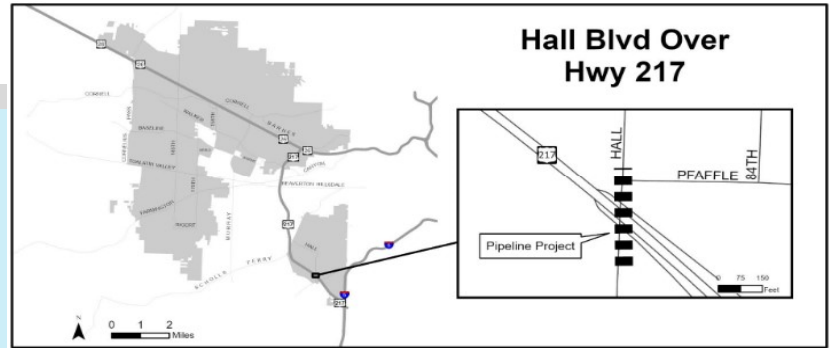




# Hall Blvd over Hwy 217

Primary Contact : Mohammad Ahmad | mohammad.ahmad@tvwd.org

Project Number: C12713  
 Current Phase: Construction  
 Project Manager: Mohammad Ahmad  
 Project Type: Pipeline



**Project Scope**  
 Bridge replacement project will impact TVWD assets. Project will include the installation of new main across the bridge, relocation of service lines, and reconnection to existing mains. TVWD will be performing a 6-inch abandonment & reconnect north of the project prior to the start of the bridge replacement.

### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 10/30/2024  
 Estimated Completion: 10/30/2024

### Cost

Total Estimate: \$412,187  
 Total Spend to Date: \$403,516  
 Current Biennium Est: \$0  
 Biennium to Date: \$0

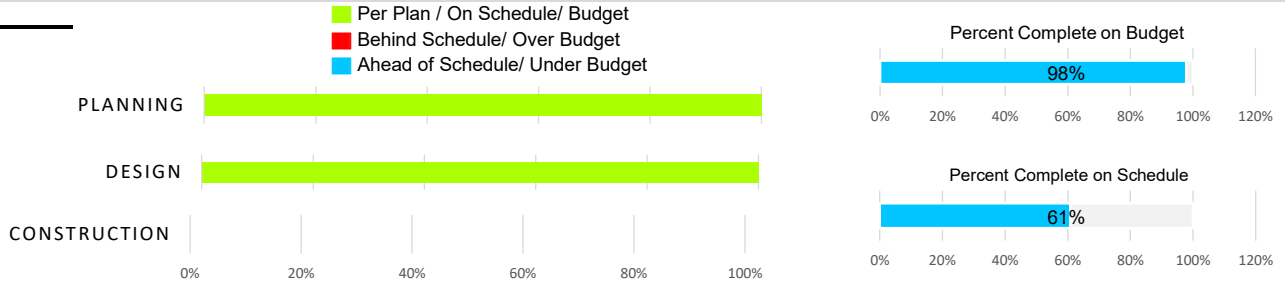
### Monthly Status Update

Project construction will be done as planned for the ODOT bridge work.

### Performance Outlook

Scope Status

Adapting Plan

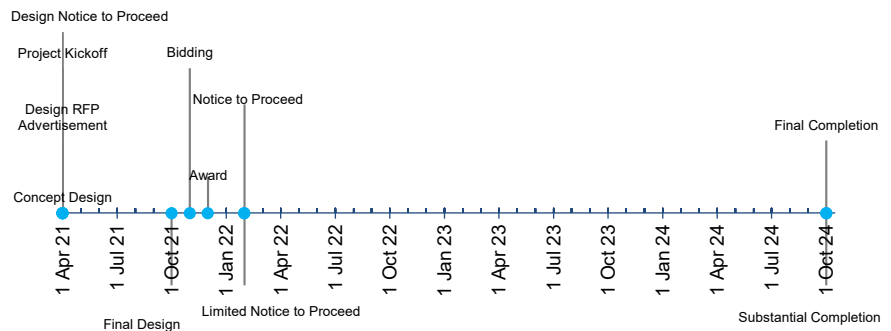


### Change Summary

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	4/4/2021
Concept Design	4/25/2021
Design RFP Advertisement	4/10/2021
Design Notice to Proceed	4/26/2021
Design	10/1/2021
Bidding	11/20/2021
Award	12/9/2021
Limited NTP	2/2/2022
Notice to Proceed	2/7/2022
Substantial Completion	10/29/2024
Final Completion	10/30/2024





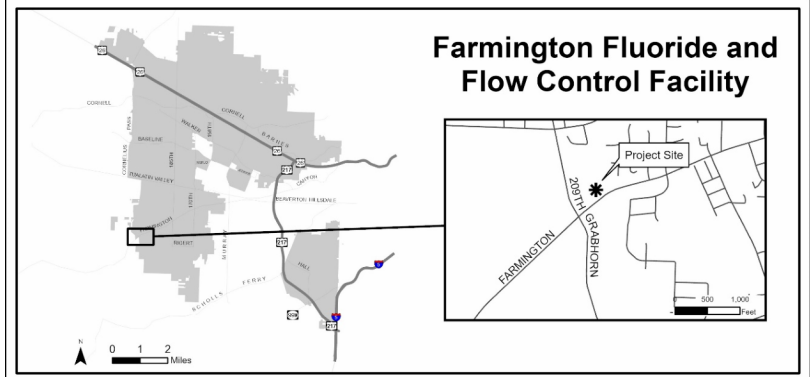
# Farmington Fluoride & Flow Control Facility

Primary Contact : Nick Augustus | nick.augustus@twvd.org

Project Number: C12727  
 Current Phase: Construction  
 Project Manager: Nick Augustus  
 Project Type: Source

### Project Scope

The project consists of constructing a new fluoride and flow control facility which will receive water from a new Willamette Water Supply connection. It will be constructed to allow for expansion of the facility in the future when water demands increase, and will be set up for future transmission pipeline connection along SW Farmington Road. This facility will allow water to be delivered directly to the Grabhorn ASR or to the 385 pressure zone.



### Delivery Methods

Project Delivery Method: CM/GC  
 Design Delivered: RFQ  
 Construction Delivered: RFP

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 6/28/2023  
 Estimated Completion: 12/15/2023

### Cost

Total Estimate: \$8,286,157  
 Total Spend to Date: \$6,069,500  
 Current Biennium Est: \$1,759,586  
 Biennium to Date: \$16,489

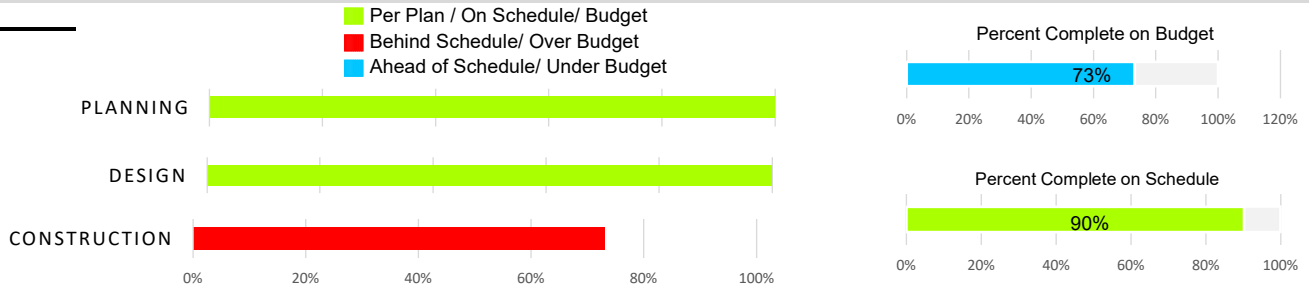
### Monthly Status Update

Paving activities, including concrete medians, and permanent power installation were completed in August. Progress was made on mechanical piping and electrical. Off-site concrete work to repair damaged sidewalk areas will be done in September. Fencing, landscaping, and other site work, will also be done in September. The 24-inch valve was received, however, delayed delivery of other materials continues to be an issue impacting the schedule. The contractor is working to remedy the material delays.

### Performance Outlook

#### Scope Status

Adapting Plan



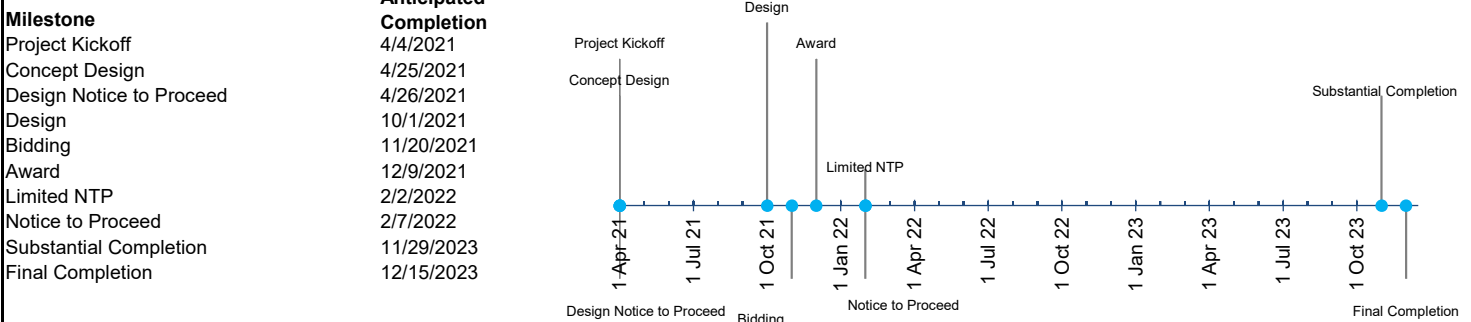
### Change Summary

Note: Project was modified to exclude the pump station portion and the discharge piping to save money. Re-design occurred and the project was re-budgeted and an updated baseline schedule set. Changes were made to account for cost increases. This change accounts for the full Guaranteed Maximum Price (GMP).

Change 1: Permitting changes required additional changes to the budget. In addition, additional soil disposal was required due to on-site contaminated soils. The GMP was updated to account for these items.

Change 2: Material delays, permitting, and county inspection availability have added to schedule delays.

### Critical Dates





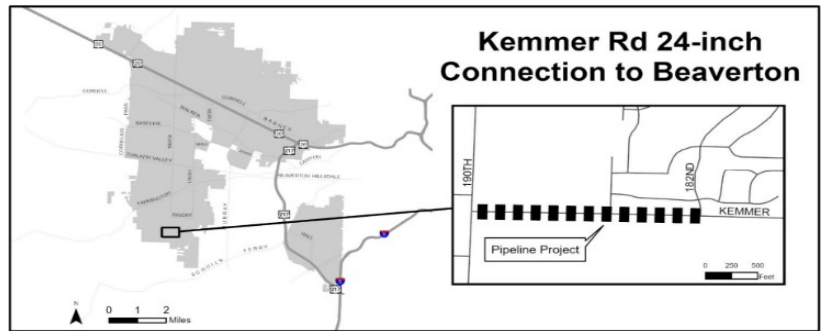
# Kemmer Rd 24-inch Connection to Beaverton

Primary Contact : Mohammad Ahmad | mohammad.ahmad@tvwd.org

Project Number: C12731  
 Current Phase: Construction  
 Project Manager: Mohammad Ahmad  
 Project Type: Pipeline

### Project Scope

The project includes roughly 2,100 feet of 24 inch piping between the City of Beaverton Cooper Mountain Reservoirs (794 pressure zone) and Tualatin Valley Water District's Cooper Mountain Reservoirs (800 pressure zone). The project includes a vault with flow meter, SCADA Controls, and various minor connections and appurtenances.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 8/2/2025  
 Estimated Completion: 8/2/2025

### Cost

Total Estimate: \$2,142,800  
 Total Spend to Date: \$101,143  
 Current Biennium Est: \$1,848,178  
 Biennium to Date: \$3,891

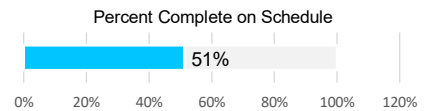
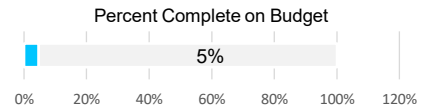
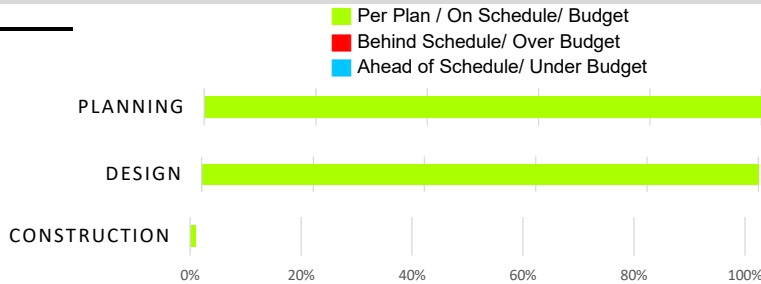
### Monthly Status Update

Construction materials are being ordered. Construction is expected to begin Spring of 2024.

### Performance Outlook

Scope Status

Adapting Plan

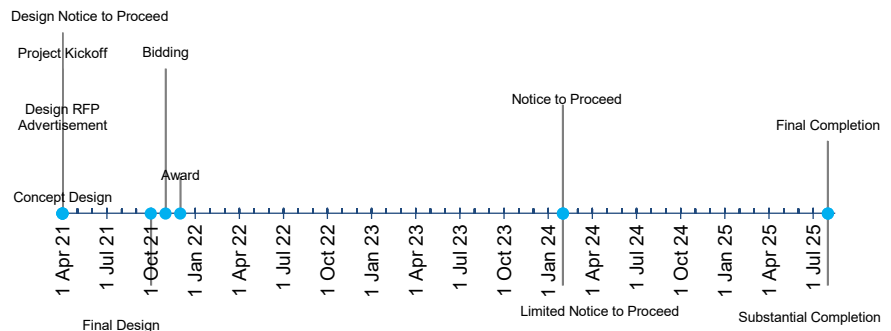


### Change Summary

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	4/4/2021
Concept Design	4/25/2021
Design RFP Advertisement	4/10/2021
Design Notice to Proceed	4/26/2021
Design	10/1/2021
Bidding	11/20/2021
Award	12/9/2021
Limited NTP	2/5/2024
Notice to Proceed	2/7/2024
Substantial Completion	8/1/2025
Final Completion	8/2/2025



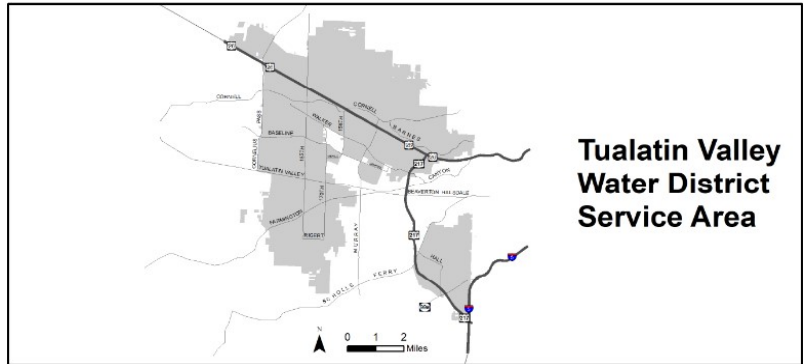




# SCADA / PLC / Shakealert Upgrades

Primary Contact : Michael Morgan | michael.morgan@tvwd.org

Project Number: C12732  
 Current Phase: Design  
 Project Manager: Michael Morgan  
 Project Type: Facilities

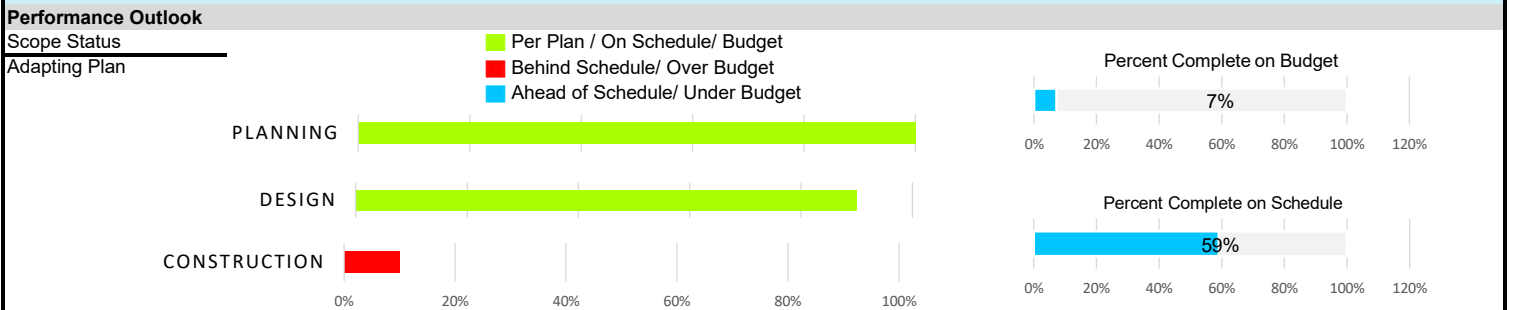


**Tualatin Valley Water District Service Area**

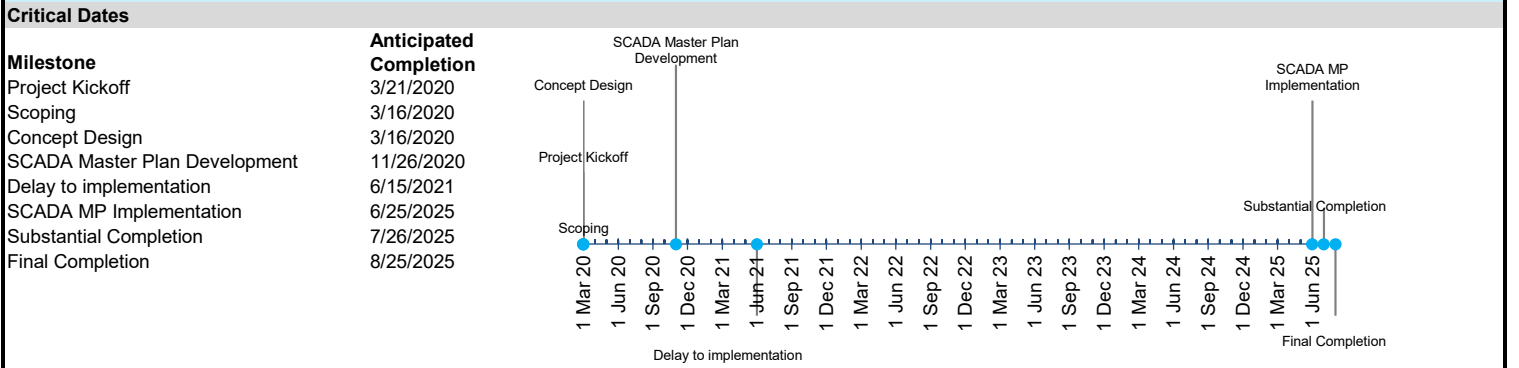
**Project Scope**  
 This project will close the gap on a desired state of the District's SCADA system and where we currently are. The project includes upgrades to RTU cabinets, PLC upgrades, networking upgrades, as well as redundancies for a robust, resilient, and reliable infrastructure of the District's Supervisory Control and Data Acquisition.

Delivery Methods		Schedule		Cost	
Project Delivery Method	Design-Bid-Build	Start Date:	3/1/2020	Total Estimate:	\$2,244,000
Design Delivered	RFQ	Baseline End Date:	8/25/2025	Total Spend to Date:	\$163,076
Construction Delivered	Contractor - On-call	Estimated Completion:	8/25/2025	Current Biennium Est:	\$1,894,000
				Biennium to Date:	\$0

**Monthly Status Update**  
 The project is currently in phase 2 of 4. Phase 2 includes upgrading the Remote Telemetry Units (RTUs) in the West Hills and Metzger systems. The main SCADA unit at headquarters is being upgraded to allow testing of the new environment prior to full implementation. Additional work is being done with the District's communication provider to modernize the communications and prepare for the Willamette Water Supply System. Schedule slipped due to material procurement challenges.



**Change Summary**





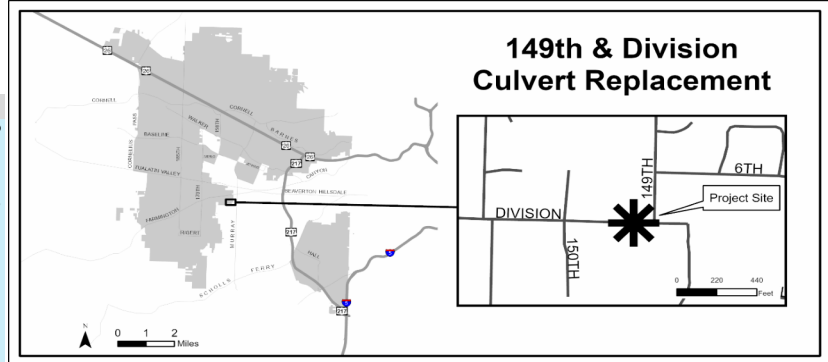
# 149th & Division St Culvert Replacement

Primary Contact : Heidi Springer | heidi.springer@tvwd.org

Project Number: C12733  
 Current Phase: Construction  
 Project Manager: Heidi Springer  
 Project Type: Pipeline

### Project Scope

Washington County Culvert Replacement Program. TVWD has an 8-inch DIP that crosses the culvert at this location. The area is looped and this line will be taken out of service and removed during culvert construction. County project includes installation of (1) 8-inch valve and approximately 60 feet of 8-inch DIP, replacing existing main removed for culvert construction.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 6/28/2023  
 Estimated Completion: 12/15/2023

### Cost

Total Estimate: \$162,800  
 Total Spend to Date: \$16,919  
 Current Biennium Est: \$0  
 Biennium to Date: \$3,317

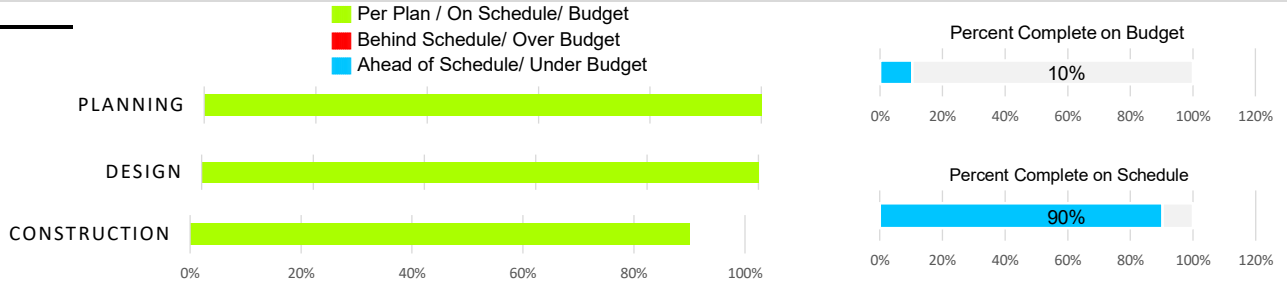
### Monthly Status Update

Waterline work is nearly complete.

### Performance Outlook

Scope Status

Adapting Plan



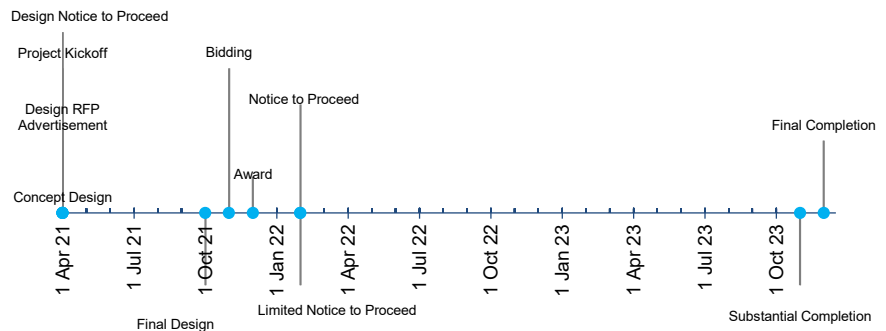
### Change Summary

### Critical Dates

#### Milestone

Project Kickoff: 4/4/2021  
 Concept Design: 4/25/2021  
 Design RFP Advertisement: 4/10/2021  
 Design Notice to Proceed: 4/26/2021  
 Design: 10/1/2021  
 Bidding: 11/20/2021  
 Award: 12/9/2021  
 Limited NTP: 2/2/2022  
 Notice to Proceed: 2/7/2022  
 Substantial Completion: 11/29/2023  
 Final Completion: 12/15/2023

#### Anticipated Completion



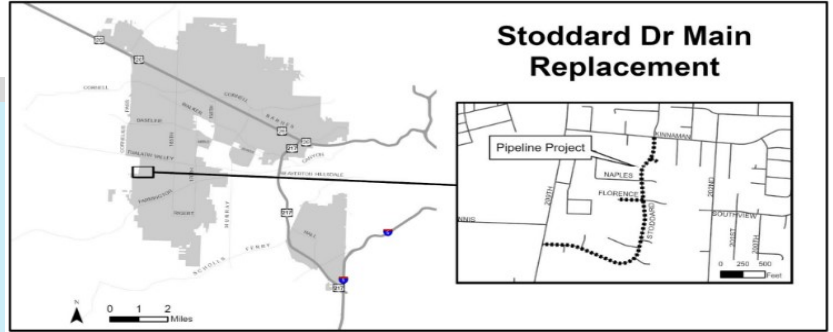


# Stoddard Dr Main Replacement

Primary Contact : Matt Palmer | matt.palmer@tvwd.org

Project Number: C12750  
 Current Phase: Design  
 Project Manager: Matt Palmer  
 Project Type: Pipeline

**Project Scope**  
 Project identified as a necessary mainline replacement due to history of leaks along the 8-inch Cast Iron waterline on SW Stoddard Dr. between SW Kinnaman & SW 209th Ave. Scope includes the replacement of approximately 4,200-feet of 8, 6, 4, and 2-inch Cast and Ductile Iron pipe.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Low Bid

### Schedule

Start Date: 1/1/2022  
 Baseline End Date: 4/16/2024  
 Estimated Completion: 4/16/2024

### Cost

Total Estimate: \$2,185,700  
 Total Spend to Date: \$85,101  
 Current Biennium Est: \$1,855,730  
 Biennium to Date: \$2,092

### Monthly Status Update

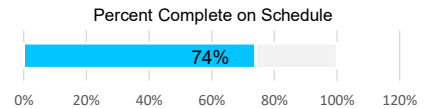
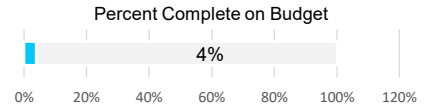
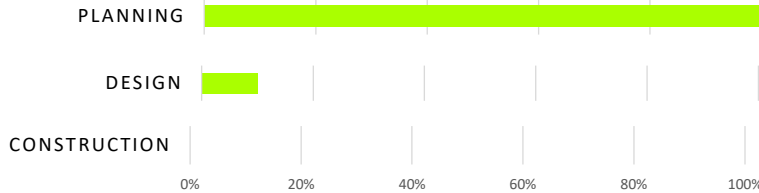
75% deliverable received and partially reviewed. Anticipate receiving 100% plan, specification, and cost estimate deliverable in early October.

### Performance Outlook

Scope Status

No Current Issues

- Per Plan / On Schedule/ Budget
- Behind Schedule/ Over Budget
- Ahead of Schedule/ Under Budget

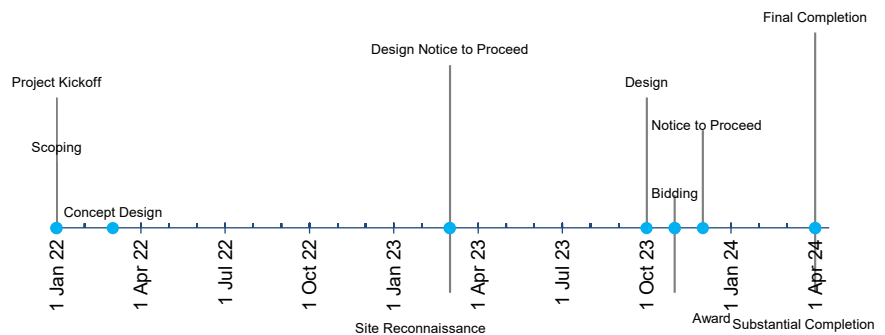


### Change Summary

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	1/1/2022
Scoping	1/2/2022
Concept Design	3/7/2022
Design Notice to Proceed	3/6/2023
Site Reconnaissance	3/31/2023
Design	10/26/2023
Bidding	11/15/2023
Award	11/17/2023
Notice to Proceed	12/18/2023
Substantial Completion	4/16/2024
Final Completion	4/16/2024

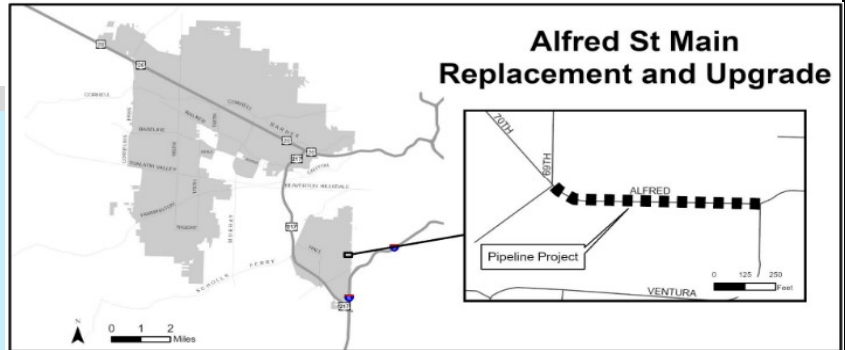




# Alfred St Main Replacement and Upgrade

Primary Contact : Mohammad Ahmad | mohammad.ahmad@tvwd.org

Project Number: C12751  
 Current Phase: Design  
 Project Manager: Mohammad Ahmad  
 Project Type: Pipeline



**Project Scope**  
 Project identified as a fireflow upgrade to the Metzger Service Area. Originally included in the Metzger N-S project but was removed when the alignment was shifted. The 4 inch Cast Iron waterline will be upsized along SW Alfred and SW 69th Ave to the South.

### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: In-House  
 Construction Delivered: In-House

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 3/29/2024  
 Estimated Completion: 3/29/2024

### Cost

Total Estimate: \$540,100  
 Total Spend to Date: \$11,339  
 Current Biennium Est: \$474,754  
 Biennium to Date: \$754

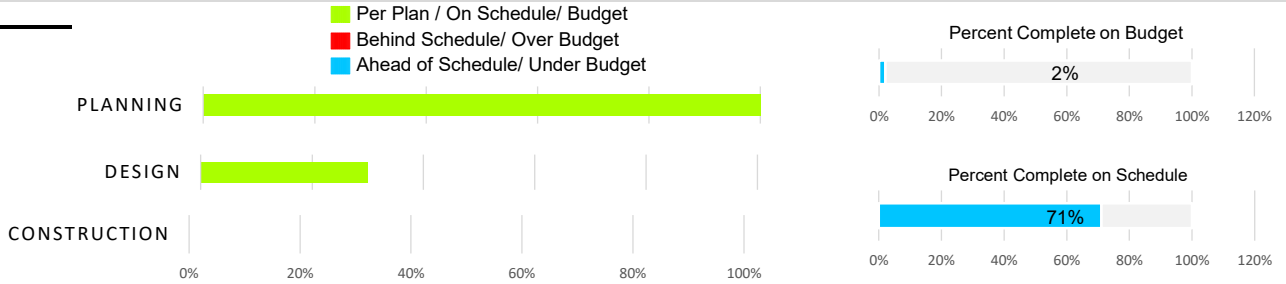
### Monthly Status Update

Design is at 60%. Construction will be done pending TVWD crew availability.

### Performance Outlook

#### Scope Status

Adapting Plan

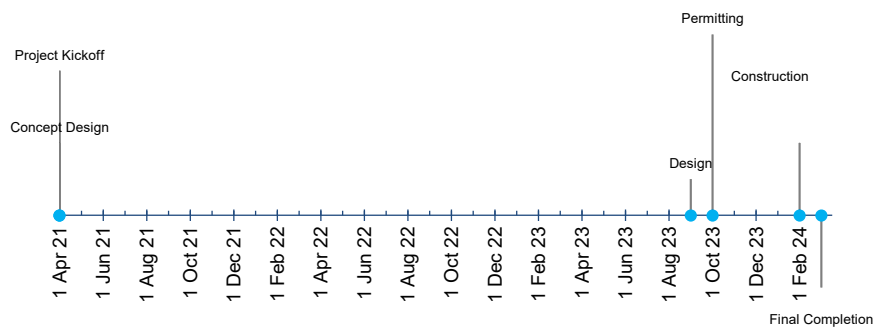


### Change Summary

### Critical Dates

#### Milestone

Project Kickoff: 4/4/2021  
 Concept Design: 4/25/2021  
 Design: 9/29/2023  
 Permitting: 10/27/2023  
 Construction: 2/27/2024  
 Final Completion: 3/29/2024



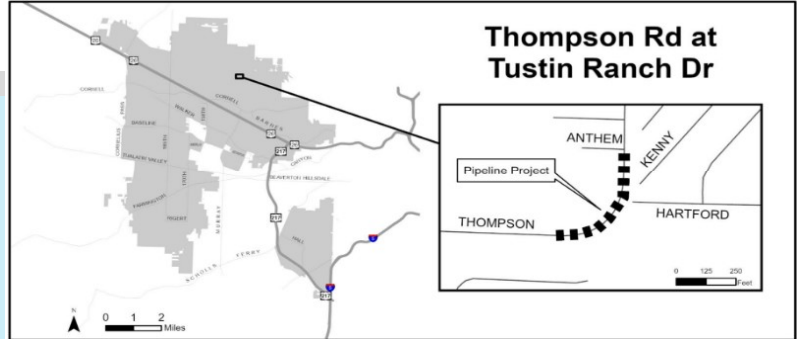


# Thompson Road at Tustin Ranch Dr

Primary Contact : Nick Augustus | nick.augustus@tvwd.org

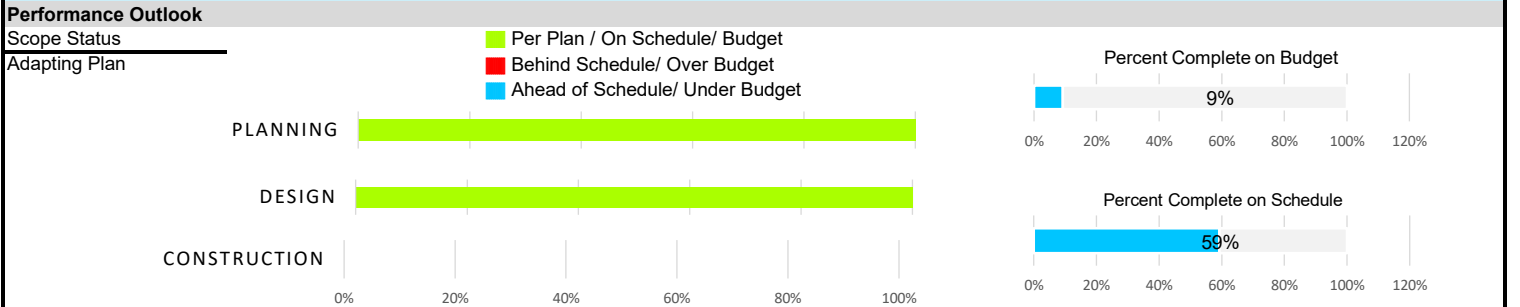
Project Number: C12754  
 Current Phase: Construction  
 Project Manager: Nick Augustus  
 Project Type: Pipeline

**Project Scope**  
 TVWD's 18-in DIP Waterline is in conflict with the proposed new alignment for SW Thompson Road connecting NW Saltzman Road and NW Thompson Road through Kenny Terrace. TVWD plans to realign the 18-in to remain in the public ROW and avoid a water quality facility that will be constructed as part of this project. TVWD plans to incorporate the construction into the County Project via IGA.

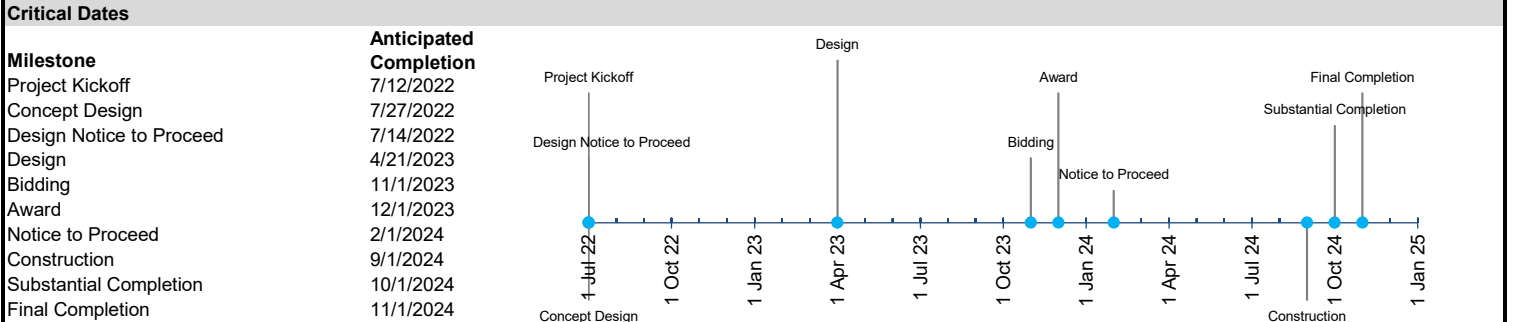


Delivery Methods		Schedule		Cost	
Project Delivery Method	Design-Bid-Build	Start Date:	7/11/2022	Total Estimate:	\$442,200
Design Delivered	Consultant - On-call	Baseline End Date:	6/26/2024	Total Spend to Date:	\$40,870
Construction Delivered	Low Bid	Estimated Completion:	11/1/2024	Current Biennium Est:	\$345,000
				Biennium to Date:	\$0

**Monthly Status Update**  
 Project remains on-hold. Washington County plans to bid in spring of 2024, with construction beginning shortly after bid opening.



**Change Summary**





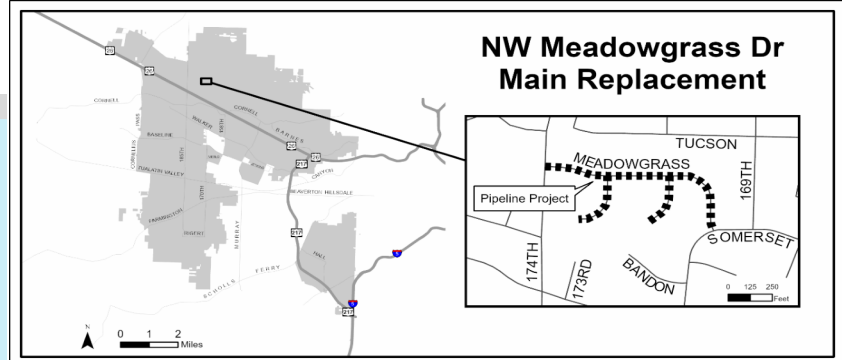
# Meadowgrass Dr Main Replacement

Primary Contact : Mohammad Ahmad | mohammad.ahmad@tvwd.org

Project Number: C12764  
 Current Phase: Design  
 Project Manager: Mohammad Ahmad  
 Project Type: Pipeline

### Project Scope

This project has been identified as part of the mains replacement program, and includes replacement of 1600 feet of 6-inch main which has failed due to corrosion. This project has been identified as part of the mains replacement program, and includes replacement of 1600 feet of 6-inch main which has failed due to corrosion.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: In-House  
 Construction Delivered: In-House

### Schedule

Start Date: 3/1/2023  
 Baseline End Date: 4/30/2024  
 Estimated Completion: 4/30/2024

### Cost

Total Estimate: \$462,000  
 Total Spend to Date: \$18,354  
 Current Biennium Est: \$473,000  
 Biennium to Date: \$0

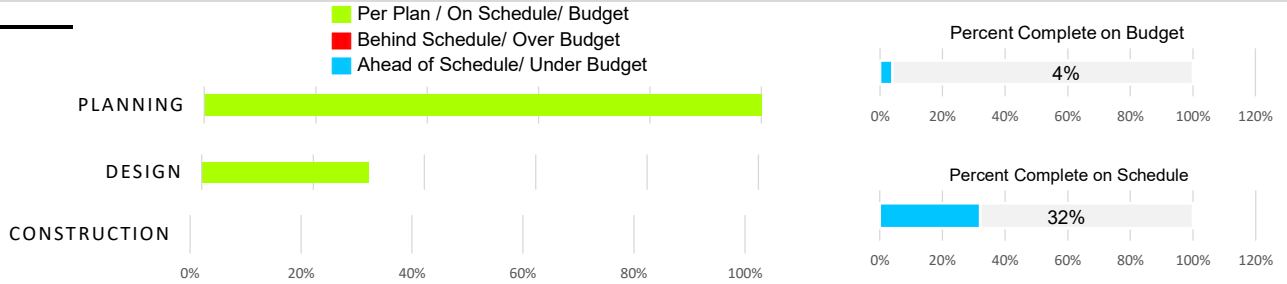
### Monthly Status Update

Design will be sent to Wallis. Awaiting costs and schedule

### Performance Outlook

Scope Status

Adapting Plan

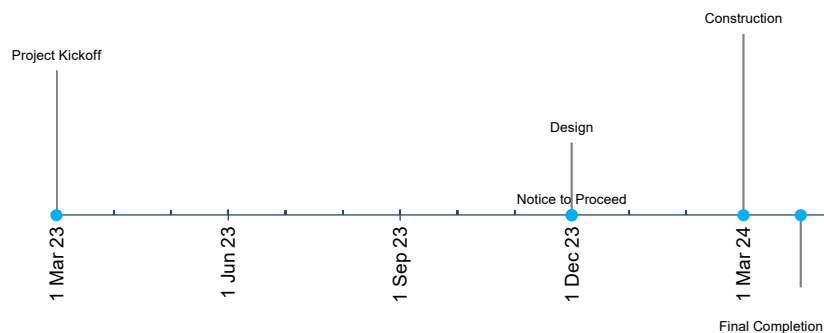


### Change Summary

### Critical Dates

#### Milestone

Project Kickoff: 3/21/2023  
 Design: 12/16/2023  
 Notice to Proceed: 12/30/2023  
 Construction: 3/30/2024  
 Final Completion: 4/30/2024

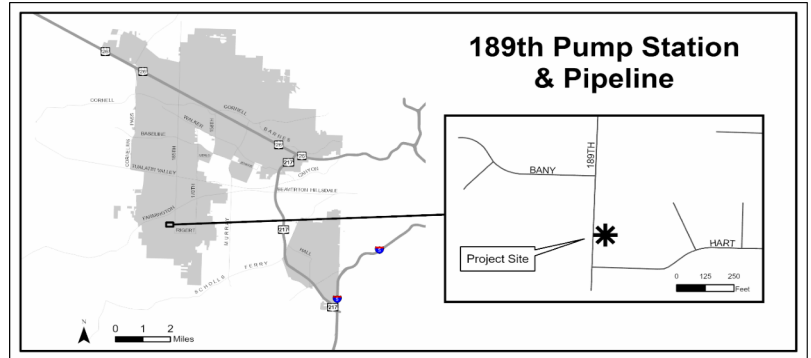




# 189th Pump Station & Pipeline

Primary Contact : Nick Augustus | nick.augustus@twwd.org

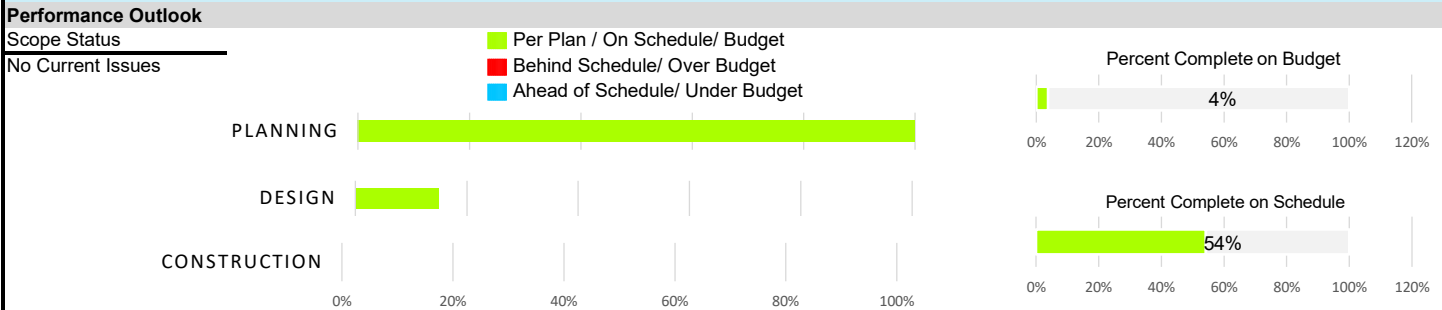
Project Number: C12772  
 Current Phase: Design  
 Project Manager: Nick Augustus  
 Project Type: Pump Station



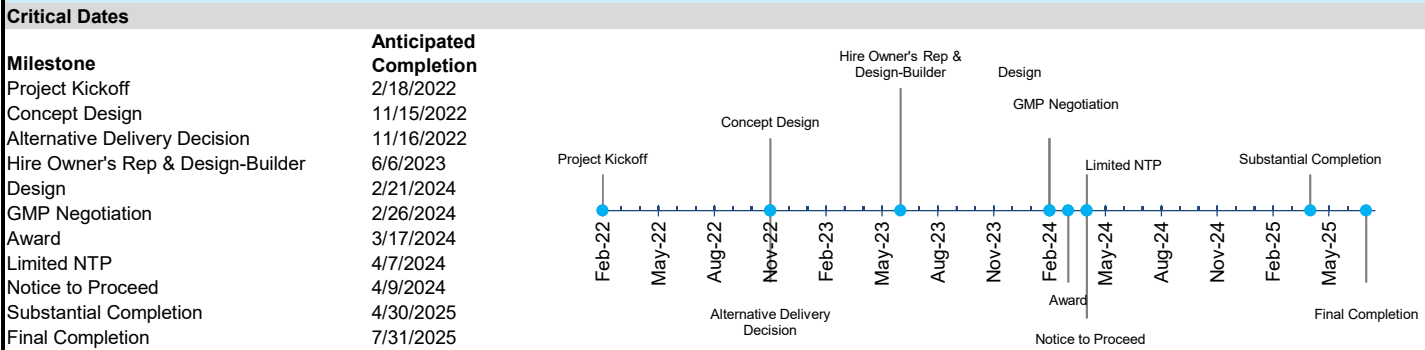
**Project Scope**  
 The 189th Ave Pump Station is aging and in need of upgrade or replacement, including upgrades to the backup power system. Based on the pre-design work completed, this project includes construction of a new, seismically resilient pump station which includes a permanent backup power generator and 1,850 feet of 16-inch discharge piping. It also includes demolition of the 189th reservoir and pump station, and demolition of the Goyak reservoir and pump station. These larger system modifications will help to reduce long-term maintenance costs.

Delivery Methods		Schedule		Cost	
Project Delivery Method	Progressive Design-Build	Start Date:	2/1/2022	Total Estimate:	\$10,443,150
Design Delivered	RFP	Baseline End Date:	7/31/2025	Total Spend to Date:	\$399,300
Construction Delivered	RFP	Estimated Completion:	7/31/2025	Current Biennium Est:	\$9,078,643
				Biennium to Date:	\$81,398

**Monthly Status Update**  
 Project is proceeding on schedule, though current lead times for electrical gear will have an impact to the overall schedule. Major design activities in August included Geotechnical site investigations, completing the Basis of Design, and evaluating various items including HVAC, pipeline route evaluations, surge analysis, and sewer connections. The stormwater report has been delayed a couple weeks and will be submitted once questions from Clean Water Services are answered. This task is not on the critical path. The 30% design deliverable is scheduled for late September.



**Change Summary**  
 Note: Project scope was modified following pre-design to include discharge piping, and demolition of Goyak reservoir and pump station to save future maintenance costs and consolidate operations. The overall schedule was modified with moving to a Progressive-Design Build delivery following the pre-design.





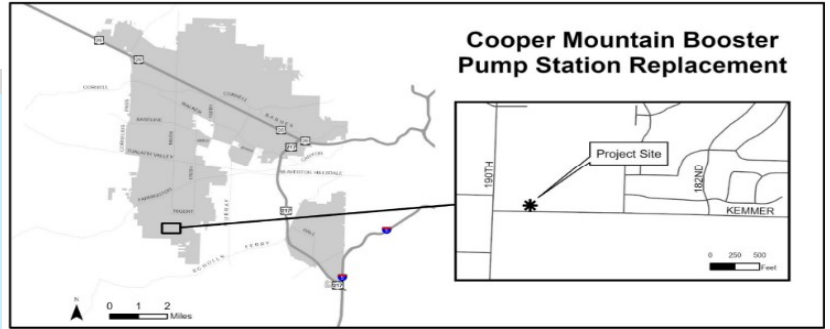
# Cooper Mountain Booster Pump Station Replacement

Primary Contact : Nick Augustus | nick.augustus@twvd.org

Project Number: C12774  
 Current Phase: Design  
 Project Manager: Nick Augustus  
 Project Type: Pump Station

### Project Scope

The existing pump station is deficient under firm and peak supply criteria. The facility is also aging and in need of seismic upgrades or replacement. The project includes replacement of the existing pump station to provide sufficient capacity to meet future demands and fireflow capacity required in the 920 operating area. Pre-design activities were completed in FY 2023, while the main design will begin in FY 2025, with construction planned for FY 26-27.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: RFQ  
 Construction Delivered: Low Bid

### Schedule

Start Date: 4/1/2022  
 Baseline End Date: 5/1/2027  
 Estimated Completion: 5/1/2027

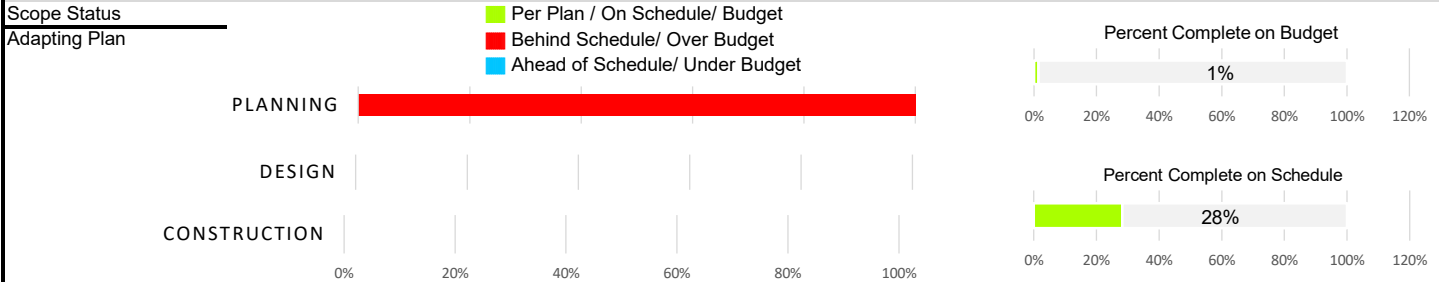
### Cost

Total Estimate: \$4,639,751  
 Total Spend to Date: \$66,838  
 Current Biennium Est: \$452,675  
 Biennium to Date: \$712

### Monthly Status Update

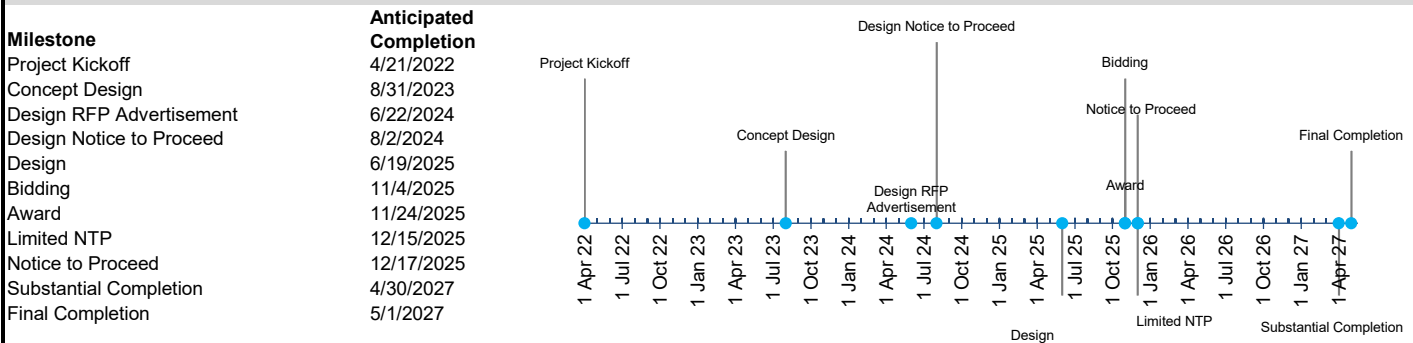
The Pre-design report is complete. Project will be on-hold until design activities begin in May 2024. The project delivery method will be evaluated early 2024.

### Performance Outlook



### Change Summary

### Critical Dates







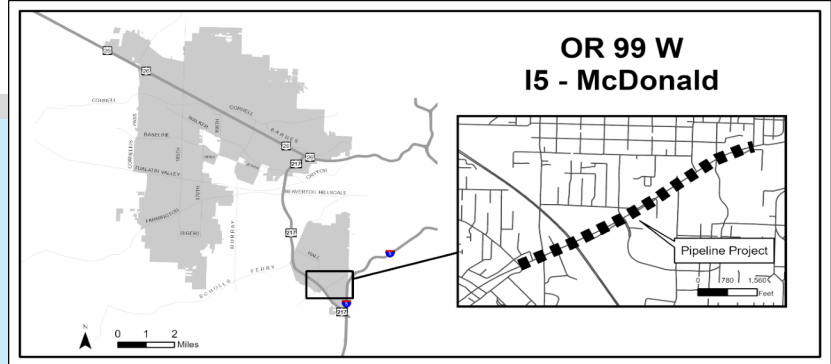
# Hwy 99W - I-5 to McDonald

Primary Contact : Heidi Springer | heidi.springer@tvwd.org

Project Number: C12789  
 Current Phase: Construction  
 Project Manager: Heidi Springer  
 Project Type: Pipeline

### Project Scope

ODOT is improving Hwy 99W from I5 to McDonald St in Tigard. Project includes 3 miles of grind & inlay paving and 140 ADA ramp upgrades. TVWD was notified that approx. 85 valves, 12 meters, and 8 hydrants are in conflict. This project will address conflicts resulting from the ODOT work.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: Consultant - On-call  
 Construction Delivered: Contractor - On-call

### Schedule

Start Date: 7/1/2022  
 Baseline End Date: 10/13/2024  
 Estimated Completion: 12/15/2023

### Cost

Total Estimate: \$631,367  
 Total Spend to Date: \$140,224  
 Current Biennium Est: \$540,736  
 Biennium to Date: \$56,809

### Monthly Status Update

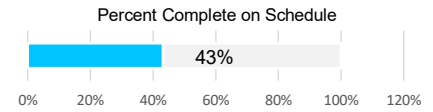
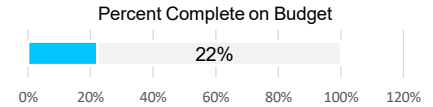
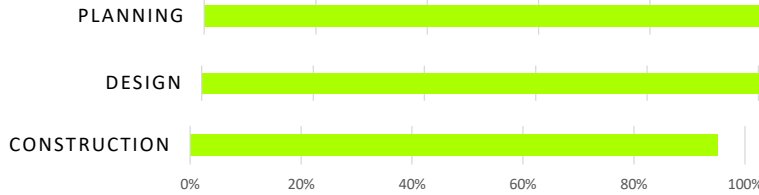
Project is nearly complete with final connections being made September 5th. The scope of the project increased due to the condition of the existing pipe discovered the last week of July. To avoid the risk of a pipe in very poor condition remaining near a new retaining wall, the contractor will extend the pipeline replacement area an extra 500-ft. An emergency procurement is being done to avoid conflicts with ODOT.

### Performance Outlook

Scope Status

Adapting Plan

- Per Plan / On Schedule/ Budget
- Behind Schedule/ Over Budget
- Ahead of Schedule/ Under Budget



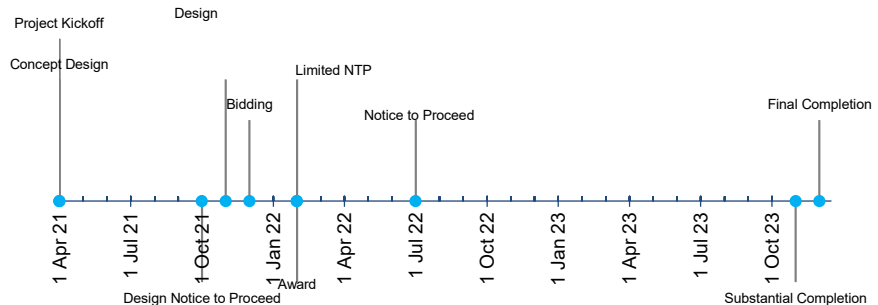
### Change Summary

Change 1: Expanded project scope to include piping in poor condition and in conflict with new retaining walls being installed by ODOT.

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	7/21/2022
Concept Design	4/25/2021
Design Notice to Proceed	4/26/2021
Design	10/1/2021
Bidding	11/20/2021
Award	12/9/2021
Limited NTP	2/2/2022
Notice to Proceed	2/7/2022
Substantial Completion	11/29/2023
Final Completion	12/15/2023





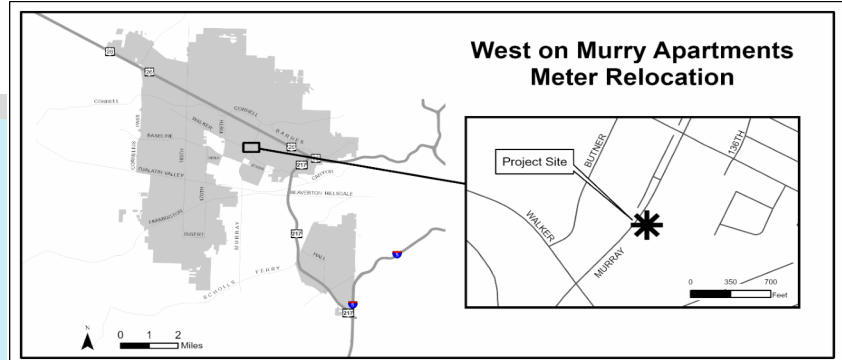
# West on Murray Apt. Backflow Install & Meter Relocate

Primary Contact : Matt Palmer | matt.palmer@tvwd.org

Project Number: C12790  
 Current Phase: Design  
 Project Manager: Matt Palmer  
 Project Type: Facilities

### Project Scope

West on Murray Apt. Complex (Corner of Walker & Murray) will be installing a backflow device on their property (frontage on Murray Blvd.). In coordination with this work, TVWD will be abandoning the existing meter on the west side of Murray and relocating it to the east side of the road on the Apt. complex property.



### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: In-House  
 Construction Delivered: To be determined

### Schedule

Start Date: 8/1/2022  
 Baseline End Date: 11/13/2024  
 Estimated Completion: 12/15/2023

### Cost

Total Estimate: \$70,949  
 Total Spend to Date: \$5,949  
 Current Biennium Est: \$0  
 Biennium to Date: \$0

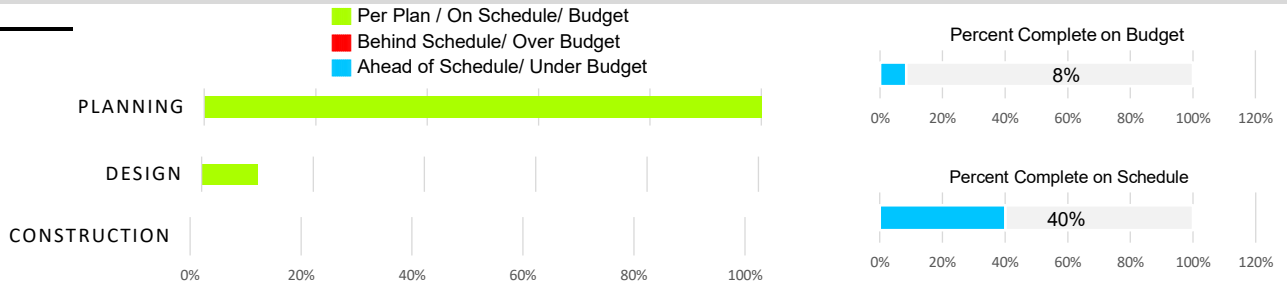
### Monthly Status Update

Currently working through scope modifications in collaboration with the property owner.

### Performance Outlook

Scope Status

Adapting Plan

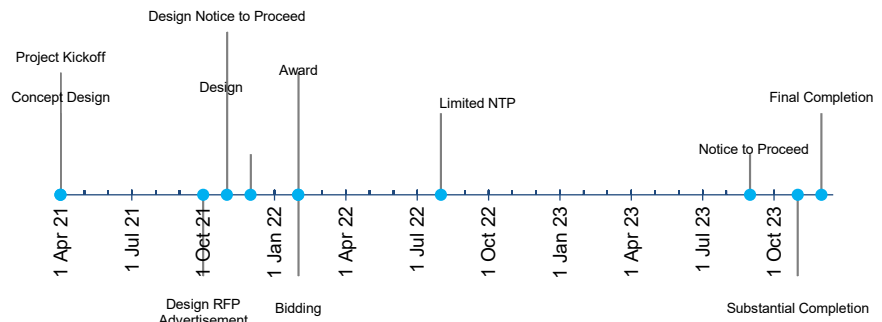


### Change Summary

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	8/21/2022
Concept Design	9/5/2023
Design RFP Advertisement	4/10/2021
Design Notice to Proceed	4/26/2021
Design	10/1/2021
Bidding	11/20/2021
Award	12/9/2021
Limited NTP	2/2/2022
Notice to Proceed	2/7/2022
Substantial Completion	11/29/2023
Final Completion	12/15/2023

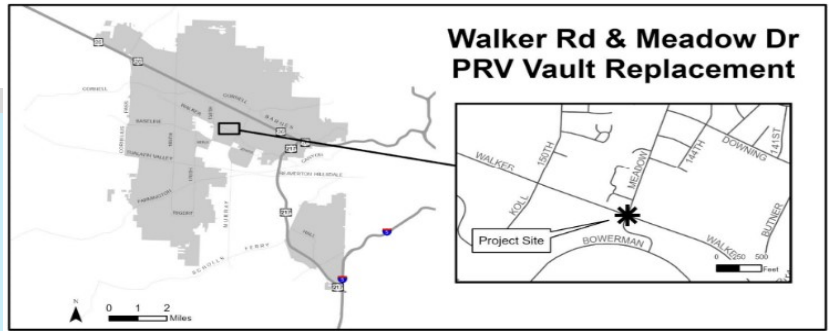




# Walker Rd & Meadow Dr PRV & Vault Replacement

Primary Contact : Zach Lemberg | zach.lemberg@twwd.org

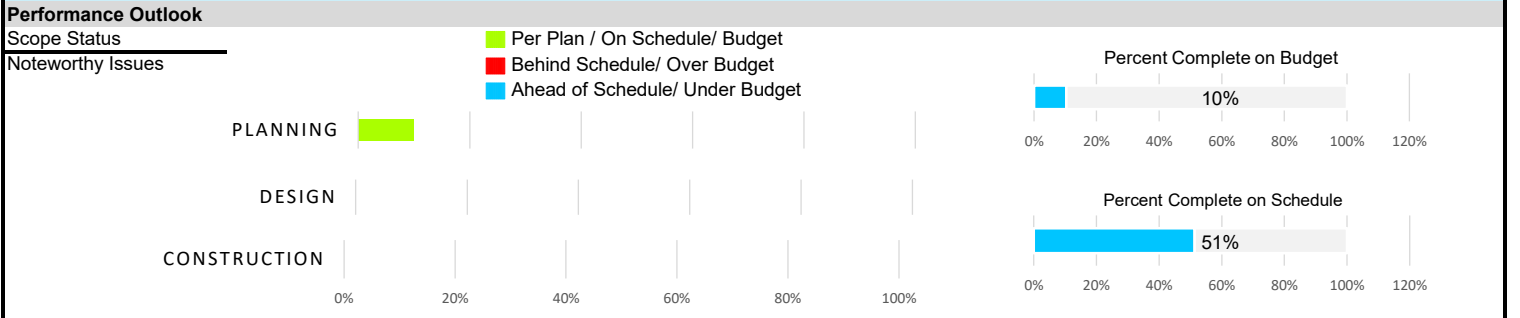
Project Number: C12718  
 Current Phase: Planning  
 Project Manager: Zach Lemberg  
 Project Type: Facilities



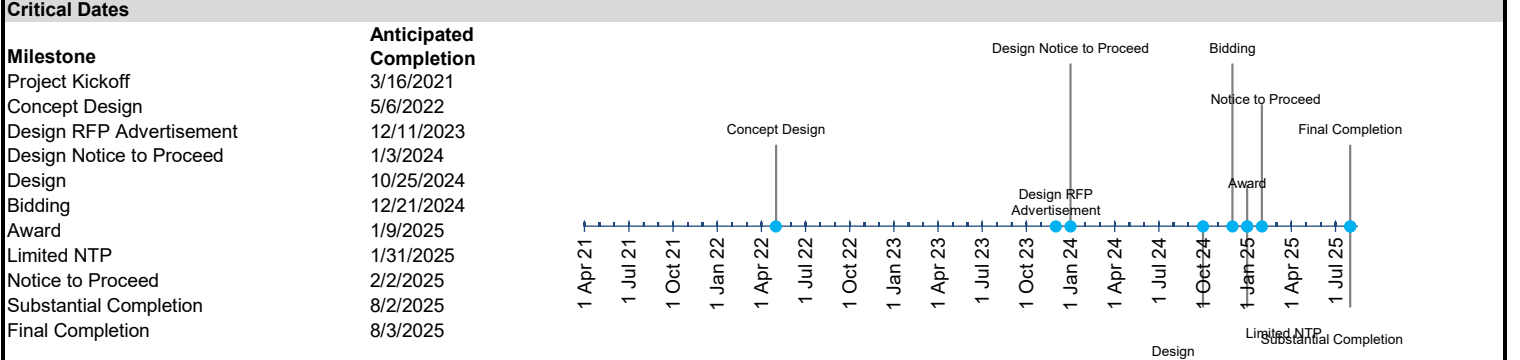
**Project Scope**  
 The existing vault is located near Walker Rd, near the right turn lane which makes traffic control difficult for entering the vault. In addition, access is very challenging, with restricted access and a confined space entry. A temporary ladder must be used for entering the vault and the existing valves are difficult to maintain, including ability to find parts for the specific valves. This project will relocate the existing vault and pressure reducing valves to a different space with proper ladders and access for maintenance.

Delivery Methods		Schedule		Cost	
Project Delivery Method	To be determined	Start Date:	3/15/2021	Total Estimate:	\$890,019
Design Delivered	To be determined	Baseline End Date:	8/3/2025	Total Spend to Date:	\$92,451
Construction Delivered	To be determined	Estimated Completion:	8/3/2025	Current Biennium Est:	\$750,000
				Biennium to Date:	\$0

**Monthly Status Update**  
 Design Delayed.



**Change Summary**  
 Delayed due to staffing shortages



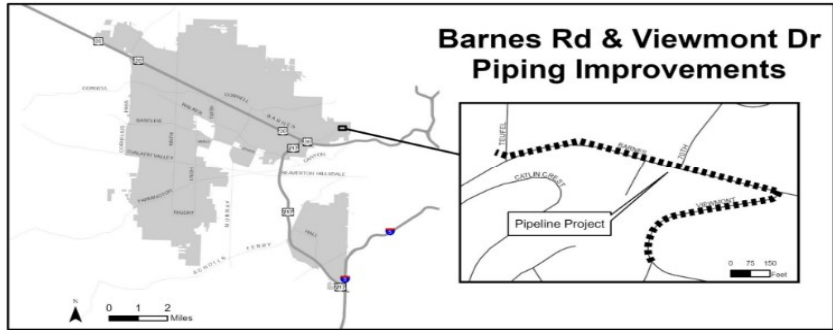


# Barnes Rd & Viewmont Dr Piping Improvements

Primary Contact : Zach Lemberg | zach.lemberg@twwd.org

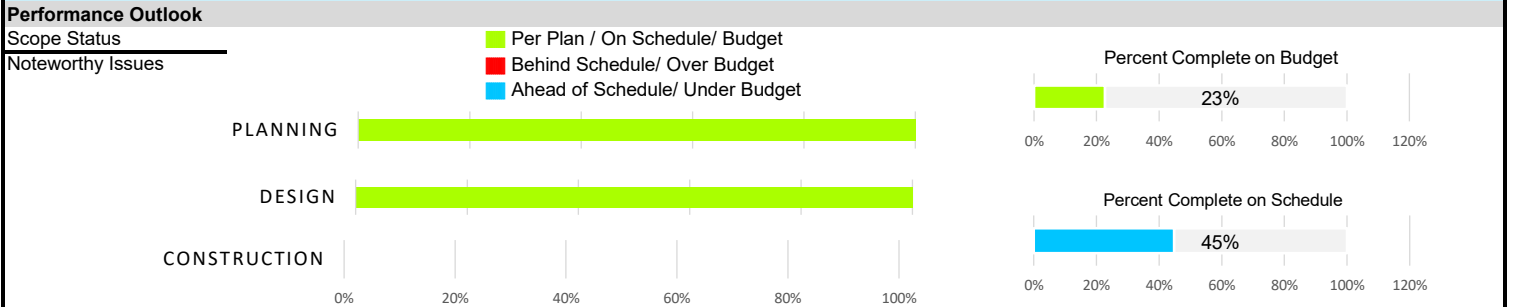
Project Number: C12753  
 Current Phase: Construction  
 Project Manager: Zach Lemberg  
 Project Type: Pipeline

**Project Scope**  
 Connect Viewmont Dr to new Barnes Rd Pump Station by installing a new 12-inch main and eliminate safety concerns associated with the old Viewmont Pump Station. Project includes replacing existing 6-inch piping along SW Viewmont Dr with 8-inch pipe to eliminate a fireflow deficiency identified in the Master Plan as P-80. Connect Viewmont Dr to new Barnes Rd Pump Station by installing a new 12-inch main and eliminate safety concerns associated with the old Viewmont Pump Station. Project includes replacing existing 6-inch piping along SW Viewmont Dr with 8-inch pipe to eliminate a fireflow deficiency identified in the Master Plan as P-80.

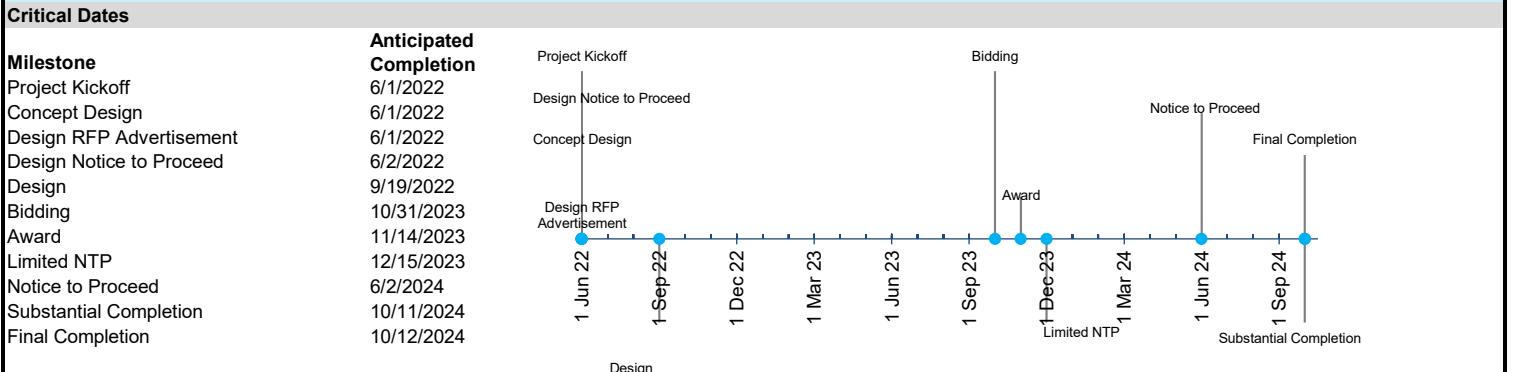


Delivery Methods		Schedule		Cost	
Project Delivery Method	Design-Bid-Build	Start Date:	6/1/2022	Total Estimate:	\$1,001,000
Design Delivered	Consultant - On-call	Baseline End Date:	10/12/2024	Total Spend to Date:	\$227,493
Construction Delivered	Low Bid	Estimated Completion:	10/12/2024	Current Biennium Est:	\$750,000
				Biennium to Date:	\$818

**Monthly Status Update**  
 Bids are being advertised in September and bid opening is October. Construction expected in the summer of 2024.



**Change Summary**  
 Bid was delayed due to lack of bids at initial bid opening in Spring 2023.

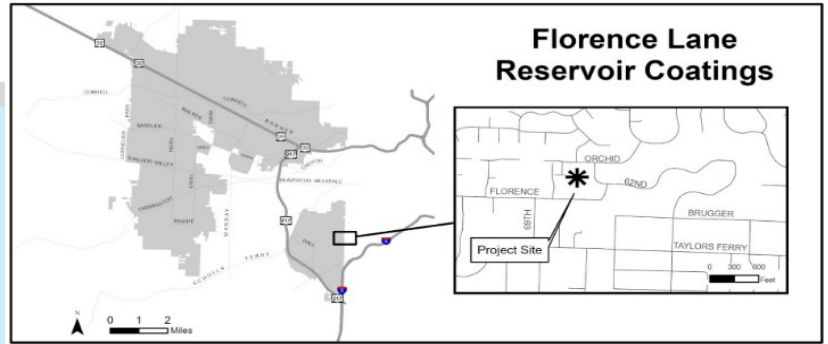




# Florence Lane Reservoir Coatings

Primary Contact : Zach Lemberg | zach.lemberg@twwd.org

Project Number: C12762  
 Current Phase: Design  
 Project Manager: Zach Lemberg  
 Project Type: Reservoir



**Project Scope**  
 The roof coating on the Florence Lane Reservoirs has failed. This project will replace the existing coatings to protect the steel and extend the life of the reservoirs.

### Delivery Methods

Project Delivery Method: Design-Bid-Build  
 Design Delivered: In-House  
 Construction Delivered: Low Bid

### Schedule

Start Date: 3/15/2021  
 Baseline End Date: 6/28/2023  
 Estimated Completion: 10/1/2024

### Cost

Total Estimate: \$880,000  
 Total Spend to Date: \$9,205  
 Current Biennium Est: \$792,000  
 Biennium to Date: \$129

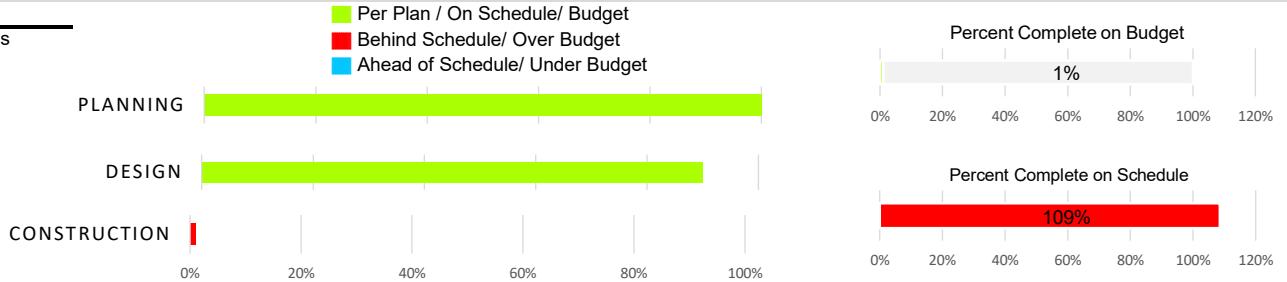
### Monthly Status Update

Preparing Bid items for late fall Bidding. Construction expected in the summer of 2024.

### Performance Outlook

Scope Status

Noteworthy Issues



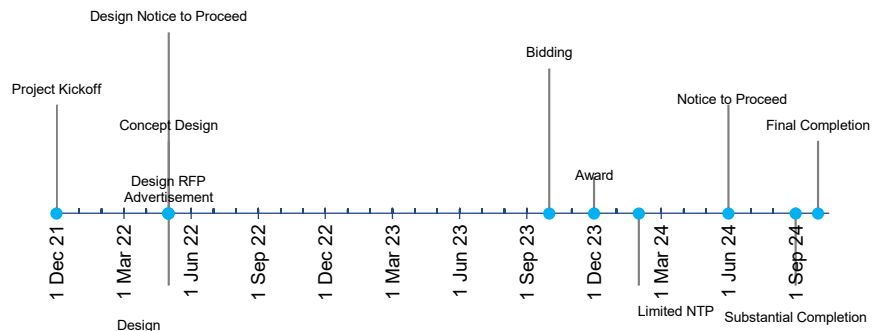
### Change Summary

Schedule change: Initial bids in 2022 were higher than anticipated. District anticipated bidding early 2023, however, the project was delayed another year due to staffing shortages in 2022.

### Critical Dates

#### Milestone

Milestone	Anticipated Completion
Project Kickoff	12/1/2021
Concept Design	5/5/2022
Design RFP Advertisement	5/5/2022
Design Notice to Proceed	5/5/2022
Design	5/5/2022
Bidding	10/1/2023
Award	12/1/2023
Limited NTP	2/1/2024
Notice to Proceed	6/1/2024
Substantial Completion	9/1/2024
Final Completion	10/1/2024

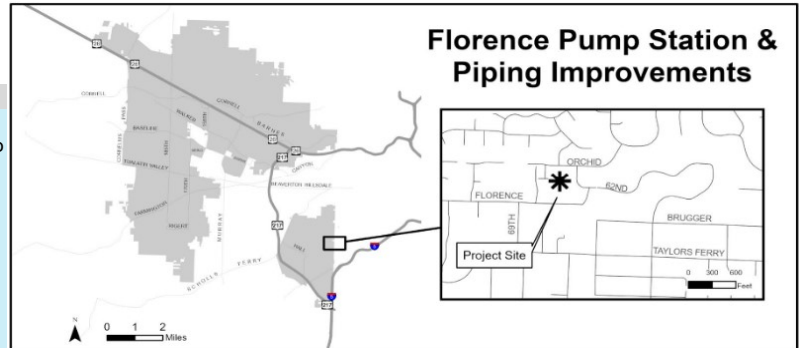




# Florence Pump Station & Piping Upgrades

Primary Contact : Zach Lemberg | zach.lemberg@tvwd.org

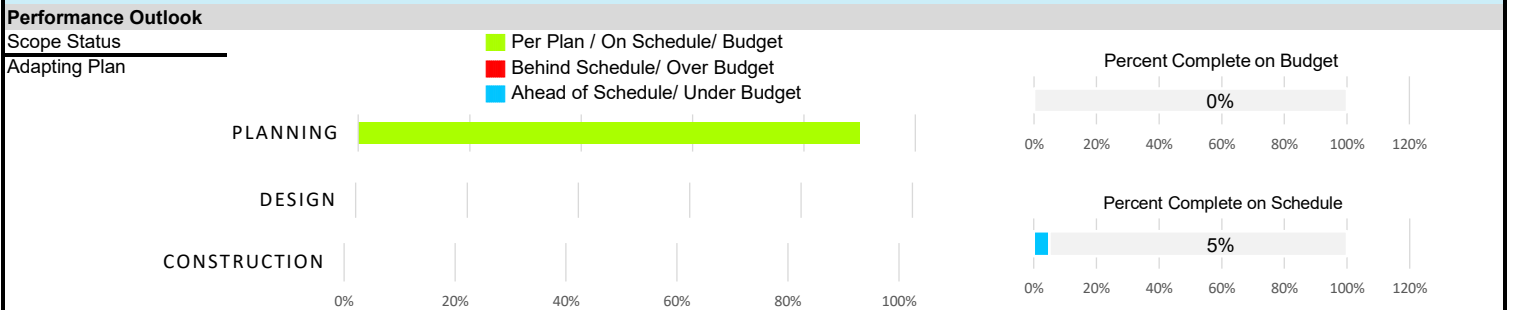
Project Number: C12834  
 Current Phase: Planning  
 Project Manager: Zach Lemberg  
 Project Type: Pump Station



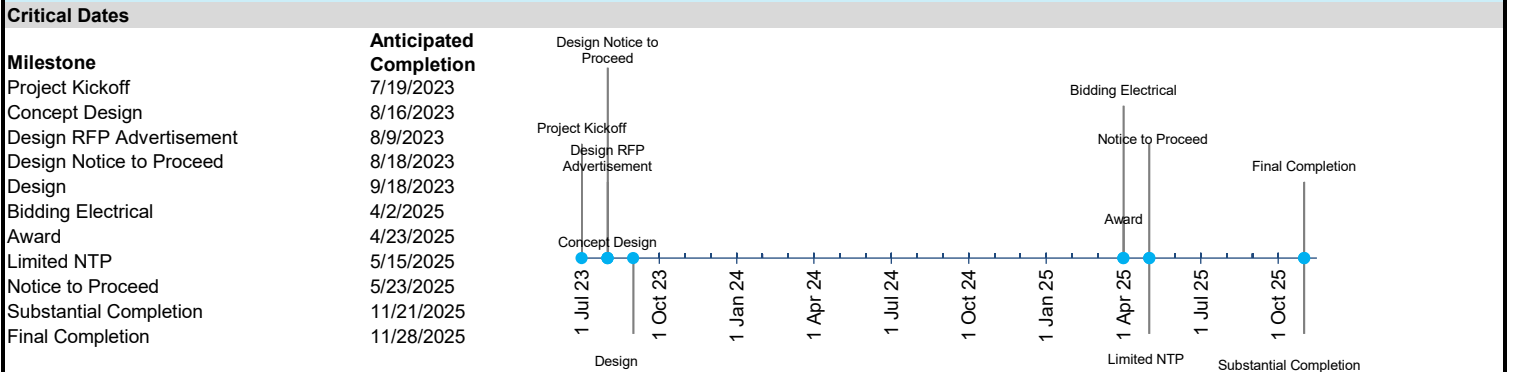
**Project Scope**  
 Florence Pump Station is in need of electrical and valving upgrades prior to the WWSS coming online. This station will be the singular source of supply to the Taylor's Ferry site and currently only a single pump can operate due to the undersized electrical feed. This project will upgrade the incoming electrical supply to the upper Metzger zones. The piping portion of this project will provide piping connections near the Florence Lane Facility with the intent of maintaining a good chlorine residual in the reservoir and force water turnover in the existing pipelines. This includes valving and pipe connections between the existing 36-inch and 24-inch pipelines.

Delivery Methods		Schedule		Cost	
Project Delivery Method	Design-Bid-Build	Start Date:	7/18/2023	Total Estimate:	\$2,002,000
Design Delivered	Consultant - On-call	Baseline End Date:	11/28/2025	Total Spend to Date:	\$0
Construction Delivered	To be determined	Estimated Completion:	11/28/2025	Current Biennium Est:	\$2,000,000
				Biennium to Date:	\$0

**Monthly Status Update**  
 Working to get an electrical engineering firm under contract for design. Confirming pump selection and identifying long lead items.



**Change Summary**

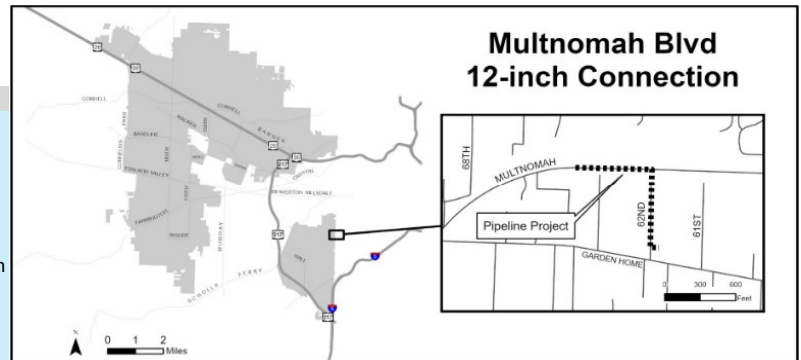




# Multnomah Blvd 12-inch Connection

Primary Contact : Zach Lemberg | zach.lemberg@tvwd.org

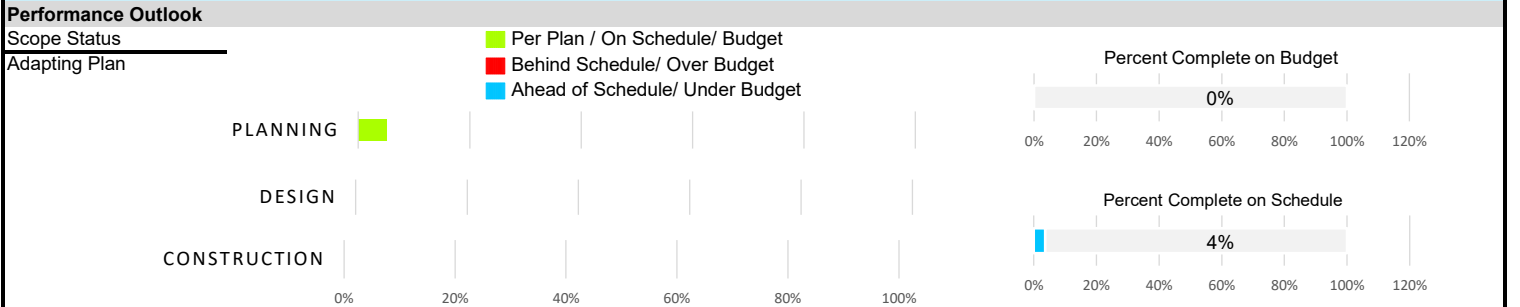
Project Number: C12835  
 Current Phase: Planning  
 Project Manager: Zach Lemberg  
 Project Type: Pipeline



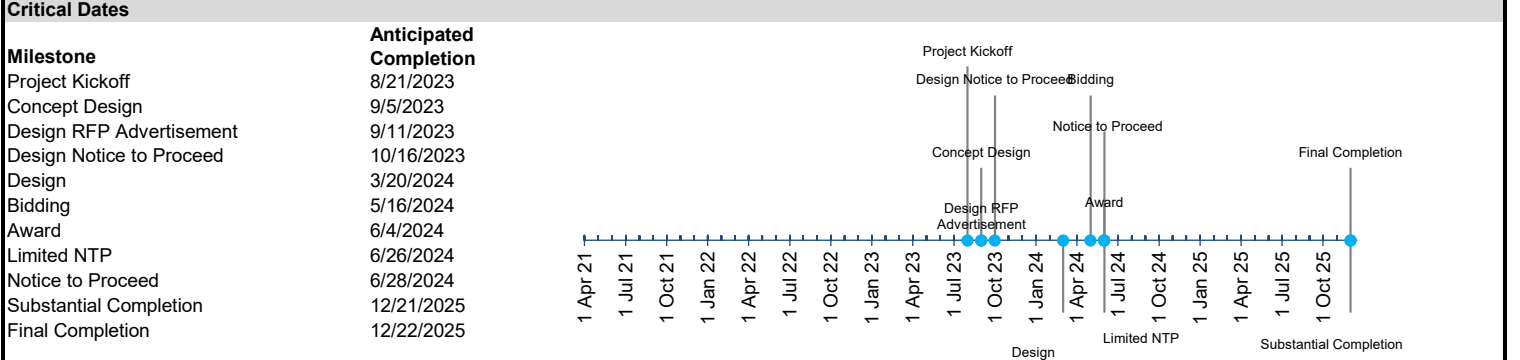
**Project Scope**  
 This project is being done to move water from the WWSS to Garden Home Res. to be able to cycle the reservoir with fresh water from the WWSS. The reservoir currently requires a connection to PWB to push water into the reservoir to force reservoir cycling and maintain an acceptable chlorine residual. Once the WWSS is online, the District desires to maintain this type of arrangement with WWSS water. The project includes installation of a 12-inch pipe along Multnomah Blvd, potential replacement of the existing 10-inch Cast Iron pipe along SW 62nd PI, installation of a control valve for controlling flows to the reservoir, and may require an additional control valve, vault and a meter to PWB for emergency usage.

Delivery Methods		Schedule		Cost	
Project Delivery Method	Design-Bid-Build	Start Date:	8/1/2023	Total Estimate:	\$874,500
Design Delivered	Consultant - On-call	Baseline End Date:	12/22/2025	Total Spend to Date:	\$0
Construction Delivered	Low Bid	Estimated Completion:	12/22/2025	Current Biennium Est:	\$877,000
				Biennium to Date:	\$0

**Monthly Status Update**  
 Scope not yet fully defined. Will be developing delivery plan, including final scope over the next several weeks.



**Change Summary**



## C. Budgetary Performance Reports by Fund (Biennium 2023-25)

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Budget Performance Report  
 General Fund (01)  
 For the Period Ending August 31, 2023  
 Unaudited



Activity for the Month			Biennial					
Budget	Actual	Variance	Revenues	2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining
\$ 7,901,426	\$ 8,885,205	\$ 983,779	Water Sales - Volume Charges	\$ 168,910,167	\$ 16,894,673	\$ 18,187,143	\$ 1,292,470	\$ 150,723,024
1,510,231	1,736,489	226,258	Water Sales - Fixed Charges	47,607,365	3,466,552	3,568,682	102,130	44,038,683
95,685	86,451	(9,234)	Rights-of-Way Fees Collected	2,035,000	206,432	197,587	(8,845)	1,837,413
47,333	41,843	(5,490)	Administrative Services	1,153,105	94,702	69,654	(25,048)	1,083,451
194,500	181,232	(13,268)	Contract Reimbursements	4,843,050	389,000	182,551	(206,449)	4,660,499
94,370	163,928	69,558	Interest Revenue	1,649,620	188,751	317,848	129,097	1,331,772
25,864	31,983	6,119	Other Revenues	630,098	51,753	65,742	13,989	564,356
440,050	409,724	(30,326)	Sales to Other Funds	10,722,620	880,110	670,208	(209,902)	10,052,412
<b>\$ 10,309,459</b>	<b>\$ 11,536,854</b>	<b>\$ 1,227,395</b>	<b>Total Revenues</b>	<b>\$ 237,551,025</b>	<b>\$ 22,171,973</b>	<b>\$ 23,259,414</b>	<b>\$ 1,087,441</b>	<b>\$ 214,291,611</b>
\$ 1,872,425	\$ 1,771,474	\$ 100,951	Personnel Services	\$ 50,095,791	\$ 3,749,696	\$ 3,598,729	\$ 150,967	\$ 46,497,062
3,084,415	2,888,004	196,411	Materials and Services	66,134,556	6,397,136	4,874,966	1,522,170	61,259,590
152,041	-	152,041	Capital Outlay	2,799,500	304,090	-	304,090	2,799,500
95,744	86,406	9,338	Special Payments	2,035,000	205,138	197,471	7,667	1,837,529
5,306,279	5,306,279	-	Transfers to Other Funds	127,341,737	10,612,572	10,612,572	-	116,729,165
<b>\$ 10,510,904</b>	<b>\$ 10,052,164</b>	<b>\$ 458,740</b>	<b>Total Expenses</b>	<b>\$ 248,406,584</b>	<b>\$ 21,268,632</b>	<b>\$ 19,283,738</b>	<b>\$ 1,984,894</b>	<b>\$ 229,122,846</b>

These statements are unaudited and are preliminary.

Budget Performance Report  
 Capital Improvement Fund (11)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ -	\$ -	\$ -
145,833	-	(145,833)
27,503,050	5,542,642	(21,960,408)
<b>\$ 27,648,883</b>	<b>\$ 5,542,642</b>	<b>\$ (22,106,241)</b>
\$ 27,648,879	\$ 5,542,642	\$ 22,106,237
<b>\$ 27,648,879</b>	<b>\$ 5,542,642</b>	<b>\$ 22,106,237</b>

Biennial					
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>	
\$ -	\$ -	\$ 27	\$ 27	\$ (27)	
3,500,000	291,670	-	(291,670)	3,500,000	
520,089,659	55,006,102	6,022,443	(48,983,659)	514,067,216	
<b>\$ 523,589,659</b>	<b>\$ 55,297,772</b>	<b>\$ 6,022,469</b>	<b>\$ (49,275,303)</b>	<b>\$ 517,567,190</b>	
\$ 523,589,659	\$ 55,297,812	\$ 6,022,469	\$ 49,275,343	\$ 517,567,190	
<b>\$ 523,589,659</b>	<b>\$ 55,297,812</b>	<b>\$ 6,022,469</b>	<b>\$ 49,275,343</b>	<b>\$ 517,567,190</b>	

These statements are unaudited and are preliminary.

Budget Performance Report  
 Capital Reserve Fund (18)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ 247,332	\$ 702,787	\$ 455,455
146,497	26,770	(119,727)
375,775	469,867	94,092
21,203,049	18,881,858	(2,321,191)
<b>\$ 21,972,653</b>	<b>\$ 20,081,282</b>	<b>\$ (1,891,371)</b>
\$ 23,417,740	\$ 5,542,642	\$ 17,875,098
<b>\$ 23,417,740</b>	<b>\$ 5,542,642</b>	<b>\$ 17,875,098</b>

<u>Revenues</u>
Interest Revenue
Administrative Services
System Development Charges
Transfers In
<b>Total Revenues</b>

<u>Expenses</u>
Transfers Out
<b>Total Expenses</b>

Biennial				
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>
\$ 5,221,939	\$ 494,670	\$ 1,326,176	\$ 831,506	\$ 3,895,763
3,576,750	293,005	62,560	(230,445)	3,514,190
8,906,616	751,552	690,421	(61,131)	8,216,195
434,436,597	42,406,107	38,685,347	(3,720,760)	395,751,250
<b>\$ 452,141,902</b>	<b>\$ 43,945,334</b>	<b>\$ 40,764,504</b>	<b>\$ (3,180,830)</b>	<b>\$ 411,377,398</b>
\$ 471,065,937	\$ 46,835,480	\$ 6,022,443	\$ 40,813,037	\$ 465,043,494
<b>\$ 471,065,937</b>	<b>\$ 46,835,480</b>	<b>\$ 6,022,443</b>	<b>\$ 40,813,037</b>	<b>\$ 465,043,494</b>

These statements are unaudited and are preliminary.

Budget Performance Report  
 Debt Proceeds Fund (22)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ 27,506	\$ 103,619	\$ 76,113
12,008,876	13,881,858	1,872,982
<b>\$ 12,036,382</b>	<b>\$ 13,985,477</b>	<b>\$ 1,949,095</b>
\$ 20,288,359	\$ 13,881,858	\$ 6,406,501
<b>\$ 20,288,359</b>	<b>\$ 13,881,858</b>	<b>\$ 6,406,501</b>

These statements are unaudited and are preliminary.

**Revenues**  
 Interest Revenue  
 Debt Proceeds  
**Total Revenues**

Biennial				
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>
\$ 330,079	\$ 55,019	\$ 299,150	\$ 244,131	\$ 30,929
264,106,518	24,017,758	28,685,347	4,667,589	235,421,171
<b>\$ 264,436,597</b>	<b>\$ 24,072,777</b>	<b>\$ 28,984,497</b>	<b>\$ 4,911,720</b>	<b>\$ 235,452,100</b>
\$ 363,460,319	\$ 40,576,729	\$ 28,685,347	\$ 11,891,382	\$ 334,774,972
<b>\$ 363,460,319</b>	<b>\$ 40,576,729</b>	<b>\$ 28,685,347</b>	<b>\$ 11,891,382</b>	<b>\$ 334,774,972</b>

**Expenses**  
 Transfers Out  
**Total Expenses**

Budget Performance Report  
 Revenue Bond Debt Service Fund (31)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ -	\$ 855	\$ 855
\$ 304,196	\$ 304,196	\$ -
<b>\$ 304,196</b>	<b>\$ 305,051</b>	<b>\$ 855</b>
\$ -	\$ -	\$ -
<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Biennial				
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>
\$ -	\$ -	\$ 855	\$ 855	\$ (855)
\$ 7,290,612	\$ 608,402	\$ 608,402	\$ -	\$ 6,682,210
<b>\$ 7,290,612</b>	<b>\$ 608,402</b>	<b>\$ 609,257</b>	<b>\$ 855</b>	<b>\$ 6,681,355</b>
\$ 7,290,612	\$ -	\$ -	\$ -	\$ 7,290,612
<b>\$ 7,290,612</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,290,612</b>

These statements are unaudited and are preliminary.

Budget Performance Report  
 Willamette River Water Coalition Fund (41)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ 21	\$ 9	\$ (12)
12,191	-	(12,191)
-	-	-
<b>\$ 12,212</b>	<b>\$ 9</b>	<b>\$ (12,203)</b>
\$ 1,999	\$ 2,000	\$ (1)
<b>\$ 1,999</b>	<b>\$ 2,000</b>	<b>\$ (1)</b>

**Revenues**  
 Interest Revenue  
 Administrative Services  
 Other Revenues

**Total Revenues**

**Expenses**  
 Materials & Services

**Total Expenses**

Biennial				
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>
\$ 555	\$ 53	\$ 14	\$ (39)	\$ 541
307,200	24,390	-	(24,390)	307,200
-	-	-	-	-
<b>\$ 307,755</b>	<b>\$ 24,443</b>	<b>\$ 14</b>	<b>\$ (24,429)</b>	<b>\$ 307,741</b>
\$ 279,000	\$ 4,041	\$ 4,000	\$ 41	\$ 275,000
<b>\$ 279,000</b>	<b>\$ 4,041</b>	<b>\$ 4,000</b>	<b>\$ 41</b>	<b>\$ 275,000</b>

These statements are unaudited and are preliminary.

Budget Performance Report  
 Customer Emergency Assistance Fund (43)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ 312	\$ 911	\$ 599
625	600	(25)
2,083	2,083	-
<b>\$ 3,020</b>	<b>\$ 3,594</b>	<b>\$ 574</b>
\$ 89,395	\$ 893	\$ 88,502
<b>\$ 89,395</b>	<b>\$ 893</b>	<b>\$ 88,502</b>

**Revenues**

Interest Revenue  
 Contributions  
 Transfers In

**Total Revenues**

**Expenses**

Materials & Services

**Total Expenses**

Biennial					
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>	
\$ 3,750	\$ 630	\$ 1,788	\$ 1,158	\$	1,962
15,000	1,250	950	(300)		14,050
51,125	4,170	4,170	-		46,955
<b>\$ 69,875</b>	<b>\$ 6,050</b>	<b>\$ 6,908</b>	<b>\$ 858</b>	<b>\$</b>	<b>62,967</b>
\$ 319,875	\$ 180,026	\$ 3,100	\$ 176,926	\$	316,775
<b>\$ 319,875</b>	<b>\$ 180,026</b>	<b>\$ 3,100</b>	<b>\$ 176,926</b>	<b>\$</b>	<b>316,775</b>

These statements are unaudited and are preliminary.

Budget Performance Report  
 Willamette Intake Facilities Fund (44)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ 64,432	\$ -	\$ (64,432)
916	-	(916)
<b>\$ 65,348</b>	<b>\$ -</b>	<b>\$ (65,348)</b>
\$ 29,004	\$ 6,902	\$ 22,102
916	-	916
<b>\$ 29,920</b>	<b>\$ 6,902</b>	<b>\$ 23,018</b>

<u>Revenues</u>
Administrative Services
Capital Contributions
<b>Total Revenues</b>

<u>Expenses</u>
Materials & Services
Capital Outlay
<b>Total Expenses</b>

Biennial					
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>	
\$ 1,114,495	\$ 128,865	\$ -	\$ (128,865)	\$ 1,114,495	
11,000	1,840	-	(1,840)	11,000	
<b>\$ 1,125,495</b>	<b>\$ 130,705</b>	<b>\$ -</b>	<b>\$ (130,705)</b>	<b>\$ 1,125,495</b>	
\$ 1,013,495	\$ 48,703	\$ 12,185	\$ 36,518	\$ 1,001,310	
11,000	1,840	-	1,840	11,000	
<b>\$ 1,024,495</b>	<b>\$ 50,543</b>	<b>\$ 12,185</b>	<b>\$ 38,358</b>	<b>\$ 1,012,310</b>	

These statements are unaudited and are preliminary.



Budget Performance Report  
 Willamette Water Supply System Fund (45)  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
\$ 128,405	\$ 42,313	\$ (86,092)
35,079,328	5,955,233	(29,124,095)
<b>\$ 35,207,733</b>	<b>\$ 5,997,545</b>	<b>\$ (29,210,188)</b>
\$ 100,673	\$ 42,313	\$ 58,360
35,079,328	5,955,203	29,124,125
<b>\$ 35,180,001</b>	<b>\$ 5,997,516</b>	<b>\$ 29,182,485</b>

Biennial					
<u>2021-23 Budget</u>	<u>Budget to Date</u>	<u>2021-23 Actual</u>	<u>Variance</u>	<u>Budget Remaining</u>	
\$ 2,967,100	\$ 256,820	\$ 56,984	\$ (199,836)	\$ 2,910,116	
651,226,029	70,158,659	6,316,448	(63,842,211)	644,909,581	
<b>\$ 654,193,129</b>	<b>\$ 70,415,479</b>	<b>\$ 6,373,431</b>	<b>\$ (64,042,048)</b>	<b>\$ 647,819,698</b>	
<b>Revenues</b>					
Administrative Services					
Capital Contributions					
<b>Total Revenues</b>					
<b>Expenses</b>					
Materials & Services					
Capital Outlay					
<b>Total Expenses</b>					

These statements are unaudited and are preliminary.

## D. Budgetary Performance Reports by Department (Biennium 2023-25)

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Budget Performance Report  
 Non-Departmental  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
Budget	Actual	Variance
\$ 1,832,734	\$ 1,997,570	\$ (164,836)
95,744	86,406	9,338
1,928,478	2,083,977	(155,499)
<b>\$ 1,928,478</b>	<b>\$ 2,083,977</b>	<b>\$ (155,499)</b>

\$ 1,832,734	\$ 1,997,570	\$ (164,836)
95,744	86,406	9,338
<b>\$ 1,928,478</b>	<b>\$ 2,083,977</b>	<b>\$ (155,499)</b>

These statements are unaudited and are preliminary.

**Non-Departmental (Dept. 00)**

General Services (Div. 01)
Materials & Services
Special Payments
<b>Division Total</b>

**Department Total**

**Department Summary**

Materials & Services
Special Payments
<b>Department Total</b>

Biennial					
2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining	
\$ 30,650,700	\$ 4,220,558	\$ 3,641,596	\$ 578,962	\$ 27,009,104	
2,035,000	205,138	197,471	7,667	1,837,529	
32,685,700	4,425,696	3,839,066	586,630	28,846,634	
<b>\$ 32,685,700</b>	<b>\$ 4,425,696</b>	<b>\$ 3,839,066</b>	<b>\$ 586,630</b>	<b>\$ 28,846,634</b>	

\$ 30,650,700	\$ 4,220,558	\$ 3,641,596	\$ 578,962	\$ 27,009,104	
2,035,000	205,138	197,471	7,667	1,837,529	
<b>\$ 32,685,700</b>	<b>\$ 4,425,696</b>	<b>\$ 3,839,066</b>	<b>\$ 586,630</b>	<b>\$ 28,846,634</b>	

Budget Performance Report  
 Administrative Services Department  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
Budget	Actual	Variance
\$ 64,137	\$ 62,560	\$ 1,577
124,744	179,221	(54,477)
-	-	-
188,881	241,780	(52,899)
50,830	47,096	3,734
15,842	40,227	(24,385)
66,672	87,323	(20,651)
30,077	30,187	(110)
56,741	34,284	22,457
86,818	64,471	22,347
43,878	26,848	17,030
27,399	1,528	25,871
71,277	28,376	42,901
<b>\$ 413,648</b>	<b>\$ 421,951</b>	<b>\$ (8,303)</b>
\$ 188,922	\$ 166,691	\$ 22,231
224,726	255,260	(30,534)
-	-	-
<b>\$ 413,648</b>	<b>\$ 421,951</b>	<b>\$ (8,303)</b>

**Administration (Dept. 10)**

**General Services (Div. 01)**

Personnel Services  
 Materials & Services  
 Capital Outlay

**Division Total**

**Human Resources (Div. 11)**

Personnel Services  
 Materials & Services

**Division Total**

**Risk Management (Div 12)**

Personnel Services  
 Materials & Services

**Division Total**

**Communications (Div 13)**

Personnel Services  
 Materials & Services

**Division Total**

**Department Total**

**Department Summary**

Personnel Services  
 Materials & Services  
 Capital Outlay

**Department Total**

Biennial					
2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining	
\$ 1,707,589	\$ 128,436	\$ 133,604	\$ (5,168)	\$ 1,573,985	
3,533,326	383,389	191,226	192,163	3,342,100	
-	-	-	-	-	
5,240,915	511,825	324,829	186,996	4,916,086	
1,356,410	101,787	94,609	7,178	1,261,801	
562,258	19,408	50,575	(31,167)	511,683	
1,918,668	121,195	145,184	(23,989)	1,773,484	
800,729	60,241	62,390	(2,149)	738,339	
1,200,820	93,507	63,485	30,022	1,137,335	
2,001,549	153,748	125,874	27,874	1,875,675	
1,168,330	87,878	46,340	41,538	1,121,990	
659,600	54,810	4,992	49,819	654,609	
1,827,930	142,688	51,332	91,356	1,776,598	
<b>\$ 10,989,062</b>	<b>\$ 929,456</b>	<b>\$ 647,219</b>	<b>\$ 282,237</b>	<b>\$ 10,341,843</b>	
\$ 5,033,058	\$ 378,342	\$ 336,943	\$ 41,399	\$ 4,696,115	
5,956,004	551,114	310,276	240,838	5,645,728	
-	-	-	-	-	
<b>\$ 10,989,062</b>	<b>\$ 929,456</b>	<b>\$ 647,219</b>	<b>\$ 282,237</b>	<b>\$ 10,341,843</b>	

These statements are unaudited and are preliminary.

Budget Performance Report  
Customer Service Department  
For the Period Ending August 31, 2023  
Unaudited



Activity for the Month		
Budget	Actual	Variance
\$ 46,267	\$ 34,902	\$ 11,365
41,659	5,147	36,512
-	-	-
<u>87,926</u>	<u>40,050</u>	<u>47,876</u>
139,209	135,020	4,189
122,596	23,048	99,548
<u>261,805</u>	<u>158,068</u>	<u>103,737</u>
144,011	148,619	(4,608)
7,009	17,395	(10,386)
<u>151,020</u>	<u>166,014</u>	<u>(14,994)</u>
<u><b>\$ 500,751</b></u>	<u><b>\$ 364,131</b></u>	<u><b>\$ 136,620</b></u>
\$ 329,487	\$ 318,541	\$ 10,946
171,264	45,591	125,673
-	-	-
<u><b>\$ 500,751</b></u>	<u><b>\$ 364,131</b></u>	<u><b>\$ 136,620</b></u>

**Customer Service (Dept. 20)**

**General Services (Div. 01)**

Personnel Services
Materials & Services
Capital Outlay
<b>Division Total</b>

**Customer Service & Billing (Div. 21)**

Personnel Services
Materials & Services
<b>Division Total</b>

**Field Customer Services (Div. 22)**

Personnel Services
Materials & Services
<b>Division Total</b>

**Department Total**

**Department Summary**

Personnel Services
Materials & Services
Capital Outlay
<b>Department Total</b>

Biennial					
2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining	
\$ 1,232,918	\$ 92,646	\$ 85,023	\$ 7,623	\$ 1,147,895	
1,017,988	48,039	10,761	37,278	1,007,227	
-	-	-	-	-	
<u>2,250,906</u>	<u>140,685</u>	<u>95,785</u>	<u>44,900</u>	<u>2,155,121</u>	
3,697,979	278,772	269,067	9,705	3,428,912	
3,622,844	232,710	130,190	102,520	3,492,654	
<u>7,320,823</u>	<u>511,482</u>	<u>399,256</u>	<u>112,226</u>	<u>6,921,567</u>	
3,868,786	288,404	291,574	(3,170)	3,577,212	
228,175	13,673	23,721	(10,048)	204,454	
<u>4,096,961</u>	<u>302,077</u>	<u>315,295</u>	<u>(13,218)</u>	<u>3,781,666</u>	
<u><b>\$ 13,668,690</b></u>	<u><b>\$ 954,244</b></u>	<u><b>\$ 810,336</b></u>	<u><b>\$ 143,908</b></u>	<u><b>\$ 12,858,354</b></u>	
\$ 8,799,683	\$ 659,822	\$ 645,664	\$ 14,158	8,154,019	
4,869,007	294,422	164,673	129,749	4,704,334	
-	-	-	-	-	
<u><b>\$ 13,668,690</b></u>	<u><b>\$ 954,244</b></u>	<u><b>\$ 810,336</b></u>	<u><b>\$ 143,908</b></u>	<u><b>\$ 12,858,354</b></u>	

These statements are unaudited and are preliminary.

Budget Performance Report  
 Engineering & Operations Department  
 For the Period Ending August 31, 2023  
 Unaudited



Activity for the Month		
Budget	Actual	Variance
\$ 20,914	\$ 21,094	\$ (180)
39,594	5,888	33,706
43,541	-	43,541
104,049	26,981	77,068
320,330	281,292	39,038
52,190	19,209	32,981
372,520	300,501	72,020
136,289	124,042	12,247
1,015	337	678
137,304	124,379	12,925
78,540	67,982	10,558
90,283	118,629	(28,346)
168,823	186,611	(17,788)
108,026	114,438	(6,412)
77,032	126,129	(49,097)
185,058	240,567	(55,509)
25,399	25,557	(158)
4,429	4,723	(294)
29,828	30,279	(451)
164,955	152,650	12,305
75,117	1,736	73,381
240,072	154,386	85,686
<b>\$ 1,237,654</b>	<b>\$ 1,063,705</b>	<b>\$ 173,949</b>
\$ 854,453	\$ 787,055	\$ 67,398
339,660	276,651	63,009
43,541	-	43,541
<b>\$ 1,237,654</b>	<b>\$ 1,063,705</b>	<b>\$ 173,949</b>

Engineering and Operations (Dept. 35)		Biennial			
	2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining
<b>General Services (Div. 01)</b>					
Personnel Services	\$ 557,104	\$ 41,870	\$ 41,735	\$ 135	\$ 515,369
Materials & Services	3,650,952	150,987	23,997	126,990	3,626,955
Capital Outlay	522,500	87,090	-	87,090	522,500
<b>Division Total</b>	<b>4,730,556</b>	<b>279,947</b>	<b>65,732</b>	<b>214,215</b>	<b>4,664,824</b>
<b>System Operations (Div. 31)</b>					
Personnel Services	8,765,890	641,497	556,157	85,340	8,209,733
Materials & Services	1,350,900	83,550	50,202	33,348	1,300,698
<b>Division Total</b>	<b>10,116,790</b>	<b>725,047</b>	<b>606,360</b>	<b>118,688</b>	<b>9,510,431</b>
<b>Engineering (Div. 32)</b>					
Personnel Services	3,699,046	272,928	269,126	3,802	3,429,920
Materials & Services	23,900	1,113	337	776	23,563
<b>Division Total</b>	<b>3,722,946</b>	<b>274,041</b>	<b>269,463</b>	<b>4,578</b>	<b>3,453,483</b>
<b>Water Resources (Div. 33)</b>					
Personnel Services	2,104,052	157,297	140,274	17,023	1,963,778
Materials & Services	2,283,342	132,025	118,812	13,213	2,164,530
<b>Division Total</b>	<b>4,387,394</b>	<b>289,322</b>	<b>259,086</b>	<b>30,236</b>	<b>4,128,308</b>
<b>Asset Management (Div. 34)</b>					
Personnel Services	2,893,046	216,309	231,122	(14,813)	2,661,924
Materials & Services	2,644,649	105,922	145,031	(39,109)	2,499,618
<b>Division Total</b>	<b>5,537,695</b>	<b>322,231</b>	<b>376,152</b>	<b>(53,921)</b>	<b>5,161,543</b>
<b>Water Operations (Div. 35)</b>					
Personnel Services	676,033	50,844	50,693	151	625,340
Materials & Services	200,950	7,147	11,757	(4,610)	189,193
<b>Division Total</b>	<b>876,983</b>	<b>57,991</b>	<b>62,450</b>	<b>(4,459)</b>	<b>814,533</b>
<b>Construction &amp; Maintenance (Div. 36)</b>					
Personnel Services	4,354,628	330,326	302,452	27,874	4,052,176
Materials & Services	2,006,000	105,075	16,443	88,632	1,989,557
<b>Division Total</b>	<b>6,360,628</b>	<b>435,401</b>	<b>318,895</b>	<b>116,506</b>	<b>6,041,733</b>
<b>Department Total</b>	<b>\$ 35,732,992</b>	<b>\$ 2,383,980</b>	<b>\$ 1,958,138</b>	<b>\$ 425,842</b>	<b>\$ 33,774,854</b>
<b>Department Summary</b>					
Personnel Services	\$ 23,049,799	\$ 1,711,071	\$ 1,591,557	\$ 119,514	\$ 21,458,242
Materials & Services	12,160,693	585,819	366,580	219,239	11,794,113
Capital Outlay	522,500	87,090	-	87,090	522,500
<b>Department Total</b>	<b>\$ 35,732,992</b>	<b>\$ 2,383,980</b>	<b>\$ 1,958,138</b>	<b>\$ 425,842</b>	<b>\$ 33,774,854</b>

These statements are unaudited and are preliminary.

Budget Performance Report  
 Finance Department  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
Budget	Actual	Variance
\$ 34,523	\$ 34,481	\$ 42
11,484	339	11,145
-	-	-
<u>46,007</u>	<u>34,820</u>	<u>11,187</u>
158,444	146,232	12,212
167,278	11,717	155,561
<u>325,722</u>	<u>157,949</u>	<u>167,773</u>
<u><b>\$ 371,729</b></u>	<u><b>\$ 192,769</b></u>	<u><b>\$ 178,960</b></u>
\$ 192,967	\$ 180,713	\$ 12,254
178,762	12,056	166,706
-	-	-
<u><b>\$ 371,729</b></u>	<u><b>\$ 192,769</b></u>	<u><b>\$ 178,960</b></u>

**Finance (Dept. 50)**

**General Services (Div. 01)**

Personnel Services
Materials & Services
Capital Outlay
<b>Division Total</b>

**Finance & Accounting (Div. 51)**

Personnel Services
Materials & Services
<b>Division Total</b>

**Department Total**

**Department Summary**

Personnel Services
Materials & Services
Capital Outlay
<b>Department Total</b>

Biennial					
2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining	
\$ 918,569	\$ 69,151	\$ 78,147	\$ (8,996)	\$ 840,422	
948,914	14,368	1,191	13,177	947,723	
-	-	-	-	-	
<u>1,867,483</u>	<u>83,519</u>	<u>79,338</u>	<u>4,181</u>	<u>1,788,145</u>	
4,220,113	317,306	288,753	28,553	3,931,360	
5,037,045	291,796	18,195	273,601	5,018,850	
<u>9,257,158</u>	<u>609,102</u>	<u>306,947</u>	<u>302,155</u>	<u>8,950,211</u>	
<u><b>\$ 11,124,641</b></u>	<u><b>\$ 692,621</b></u>	<u><b>\$ 386,285</b></u>	<u><b>\$ 306,336</b></u>	<u><b>\$ 10,738,356</b></u>	
\$ 5,138,682	\$ 386,457	\$ 366,900	\$ 19,557	4,771,782	
5,985,959	306,164	19,385	286,779	5,966,574	
-	-	-	-	-	
<u><b>\$ 11,124,641</b></u>	<u><b>\$ 692,621</b></u>	<u><b>\$ 386,285</b></u>	<u><b>\$ 306,336</b></u>	<u><b>\$ 10,738,356</b></u>	

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Budget Performance Report  
 Water Supply Department  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
Budget	Actual	Variance
\$ 158,542	\$ 172,657	\$ (14,115)
1,508	-	1,508
-	-	-
<u>160,050</u>	<u>172,657</u>	<u>(12,607)</u>
<b>\$ 160,050</b>	<b>\$ 172,657</b>	<b>\$ (12,607)</b>

\$ 158,542	\$ 172,657	\$ (14,115)
1,508	-	1,508
-	-	-
<u>\$ 160,050</u>	<u>\$ 172,657</u>	<u>\$ (12,607)</u>

These statements are unaudited and are preliminary.

**Water Supply (Dept. 60)**

**General Services (Div. 01)**

Personnel Services
Materials & Services
Capital Outlay
<b>Division Total</b>

**Department Total**

**Department Summary**

Personnel Services
Materials & Services
Capital Outlay
<b>Department Total</b>

Biennial					
2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining	
\$ 4,142,977	\$ 317,510	\$ 359,219	\$ (41,709)	\$ 3,783,758	
90,437	2,189	220	1,969	90,217	
-	-	-	-	-	
<u>4,233,414</u>	<u>319,699</u>	<u>359,439</u>	<u>(39,740)</u>	<u>3,873,975</u>	
<b>\$ 4,233,414</b>	<b>\$ 319,699</b>	<b>\$ 359,439</b>	<b>\$ (39,740)</b>	<b>\$ 3,873,975</b>	
\$ 4,142,977	\$ 317,510	\$ 359,219	\$ (41,709)	3,783,758	
90,437	2,189	220	1,969	90,217	
-	-	-	-	-	
<u>\$ 4,233,414</u>	<u>\$ 319,699</u>	<u>\$ 359,439</u>	<u>\$ (39,740)</u>	<u>\$ 3,873,975</u>	



Budget Performance Report  
 Information Technology Department  
 For the Period Ending August 31, 2023  
*Unaudited*



Activity for the Month		
Budget	Actual	Variance
\$ 148,054	\$ 145,818	\$ 2,236
335,761	300,877	34,884
108,500	-	108,500
592,315	446,695	145,620
<b>\$ 592,315</b>	<b>\$ 446,695</b>	<b>\$ 145,620</b>

\$ 148,054	\$ 145,818	\$ 2,236
335,761	300,877	34,884
108,500	-	108,500
<b>\$ 592,315</b>	<b>\$ 446,695</b>	<b>\$ 145,620</b>

These statements are unaudited and are preliminary.

**Information Technology (Dept. 70)**

**General Services (Div. 01)**

Personnel Services  
 Materials & Services  
 Capital Outlay  
**Division Total**

**Department Total**

**Department Summary**

Personnel Services  
 Materials & Services  
 Capital Outlay  
**Department Total**

Biennial					
2021-23 Budget	Budget to Date	2021-23 Actual	Variance	Budget Remaining	
\$ 3,931,592	\$ 296,494	\$ 289,926	\$ 6,568	\$ 3,641,666	
6,421,756	436,870	372,236	64,634	6,049,520	
2,277,000	217,000	-	217,000	2,277,000	
12,630,348	950,364	662,162	288,202	11,968,186	
<b>\$ 12,630,348</b>	<b>\$ 950,364</b>	<b>\$ 662,162</b>	<b>\$ 288,202</b>	<b>\$ 11,968,186</b>	
\$ 3,931,592	\$ 296,494	\$ 289,926	\$ 6,568	3,641,666	
6,421,756	436,870	372,236	64,634	6,049,520	
2,277,000	217,000	-	217,000	2,277,000	
<b>\$ 12,630,348</b>	<b>\$ 950,364</b>	<b>\$ 662,162</b>	<b>\$ 288,202</b>	<b>\$ 11,968,186</b>	

## E. Operating Contingency Report (Biennium 2023-25)

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Operating Contingency Report  
 For the Period Ending August 31, 2023  
*Unaudited*



<b>General Fund (01)</b>	<b>Amount</b>	<b>Resolution #</b>	<b>Transferred To</b>	<b>Comments</b>
Adopted Budget	\$ 20,000,000	08-23	N/A	Adoption of the 23-25 Biennial Budget
Remaining Contingency	\$ 20,000,000			

<b>WRWC Fund (41)</b>	<b>Amount</b>	<b>Resolution #</b>	<b>Transferred To</b>	<b>Comments</b>
Adopted Budget	\$ 27,900	08-23	N/A	Adoption of the 23-25 Biennial Budget
Remaining Contingency	\$ 27,900			

<b>WIF Fund (44)</b>	<b>Amount</b>	<b>Resolution #</b>	<b>Transferred To</b>	<b>Comments</b>
Adopted Budget	\$ 101,000	08-23	N/A	Adoption of the 23-25 Biennial Budget
Remaining Contingency	\$ 101,000			

<b>WWSS Fund (45)</b>	<b>Amount</b>	<b>Resolution #</b>	<b>Transferred To</b>	<b>Comments</b>
Adopted Budget	\$ 269,000	08-23	N/A	Adoption of the 23-25 Biennial Budget
Remaining Contingency	\$ 269,000			