

Board Meeting Minutes June 16, 2021 This meeting was held by phone and the internet.

REGULAR SESSION – 6:00 PM

CALL TO ORDER

Commissioners Present: Bernice Bagnall; Jim Doane, PE; Jim Duggan, PE; Todd Sanders; Dick Schmidt

Budget Committee Member Present: Marilyn McWilliams

Staff Present: Tom Hickmann, PE, Chief Executive Officer; Paul Matthews, Chief Financial Officer; Carrie Pak, PE, Chief Engineer; Clark Balfour, General Counsel; Dave Kraska, PE, Water Supply Program Director; Tim Boylan, IT Services Director; Andrew Carlstrom, Customer Service Manager; Joel Cary, Water Resources Division Manager; Nick Augustus, PE, Engineering Division Manager; Andrew Barrett, PE, Senior Project Engineer; Andrea Watson, Communications and Public Affairs Supervisor; Lisa Houghton, WWSP Finance Manager; Debbie Carper, District Recorder

REPORTS BY THE CHIEF EXECUTIVE OFFICER AND MANAGEMENT STAFF

Mr. Hickmann reported on recent *Cryptosporidium* detections in Bull Run water (see attached memo) and shared that the west coast is facing a supply shortage of chlorine for water treatment due to equipment failure at a chlorine manufacturing facility. He noted the District has an ample water supply and the water remains safe to drink. Oregon utilities are working with the Governor's Office, Oregon Office of Emergency Management, Oregon Health Authority, Department of Environmental Quality, the Oregon Water/Wastewater Agency Response Network and federal authorities. Staff at the Joint Water Commission water treatment plant is considering conservation methods and alternative treatment options.

In response to questions, staff said:

- The District is considering operational changes that will make chlorine supplies last longer.
- Staff is exploring other disinfection options.
- Joel Cary will serve as the District's spokesperson and point of information dissemination.
- Estimates are that the manufacturing facility will resume production by the end of June.
- Staff will pursue additional supply options for the future.
- Agencies around the state are sharing information on chlorine supply in order to allow for possible chlorine disinfectant redistribution.

Mr. Hickmann continued his announcements, asking the recently reelected Commissioners how they would like to handle taking their oaths of office for their new terms. Commissioners

indicated setting up appointments with the District Recorder would work best. Finally, Mr. Hickmann shared his upcoming vacation dates and coverage assignments in his absence.

Mr. Kraska presented the safety moment on fireworks. Next, he gave the department report on the latest updates to Willamette Water Supply Program activities (see attached presentation).

Mr. Hickmann made an additional announcement that the District has been working with the Special Districts Association of Oregon and reaching out to state legislators to request that recent federal funding, awarded to cities and counties within the state, also be allocated to special districts. As of today, he received notice that \$6 million of that funding will go towards utility assistance, a portion of which the District can request to help customers in need.

COMMISSIONER COMMUNICATIONS

A. Reports of meetings attended

Commissioners described and submitted a list of recently attended meetings (see attached forms).

B. Topics to be raised by the Commissioners

There were none.

1. PUBLIC HEARINGS

A. Consider adopting Resolution 06-21, a resolution adopting the budget and making appropriations for the Tualatin Valley Water District for the 2021-23 biennium. Staff Report – Paul Matthews

Mr. Matthews reviewed the presentation from the Budget Committee meeting, including information on Oregon local budget law/process, the District's budget/financial planning process, the status of the District, strategic goals for the coming biennium and details of each fund within the 2021-23 Approved Budget (see attached presentation).

Commissioner Bagnall opened the public hearing and asked for testimony in support or opposition. There was none. The public hearing was closed.

Motion was made by Doane, seconded by Schmidt, to adopt Resolution 06-21, a resolution adopting the budget and making appropriations for the Tualatin Valley Water District for the 2021-23 biennium. The motion passed unanimously with Bagnall, Doane, Duggan, Sanders and Schmidt voting in favor.

Mr. Matthews noted that the District's financial performance update presentation is attached and that the District has experienced a stabilization and improvement of revenues in the past few months.

B. Acting as the Local Contract Review Board, consider adopting Resolution 07-21, a resolution declaring an exemption from competitive bidding for the Taylors Ferry Reservoir Replacements and Pump Station project and authorize proceeding with a Construction Manager/General Contractor (CM/GC) contract. Staff Report – Andrew Barrett

Mr. Barrett provided the background and overview of the project, described the site plan and the need to keep one reservoir operational at all times, discussed the need for alternative delivery and evaluation methods staff used as well as the legal authority to pursue alternative delivery (see attached presentation). He noted that an additional firm, bringing the total to 11, has expressed interest in the project.

Commissioner Bagnall opened the public hearing and asked for testimony in support or opposition. There was none. The public hearing was closed.

Motion was made by Duggan, seconded by Sanders, to, acting as the Local Contract Review Board, adopt Resolution 07-21, a resolution declaring an exemption from competitive bidding for the Taylors Ferry Reservoir Replacements and Pump Station project and authorize proceeding with a Construction Manager/General Contractor (CM/GC) contract. The motion passed unanimously with Bagnall, Doane, Duggan, Sanders and Schmidt voting in favor.

PUBLIC COMMENT

There was none.

2. CONSENT AGENDA

- A. Approve the May 19, 2021 regular meeting minutes.
- B. Approve the May 25, 2021 Budget Committee meeting minutes.
- C. Approve the June 1, 2021 work session minutes
- D. Authorize the Board President to sign the certification of election results for the May 18, 2021 Regular District Election.
- E. Approve the appointments of Board officers and internal and external committee assignments for the 2021-22 fiscal year as found in the proposed Board Appointments and Assignments document.

The mo	otion p	assed unanimously with Bagnall, Doane, Duggan, Sanders and Schmidt voting in
3.	BUSIN	ESS AGENDA
	A.	None.
ADJOU	RNME	NT
There b	peing n	o further business, President Bagnall adjourned the meeting at 7:43 p.m.

Jim Doane, Secretary

Todd Sanders, President

Motion was made by Doane, seconded by Schmidt, to approve the Consent Agenda as presented.



MEMO

Date: June 16, 2021

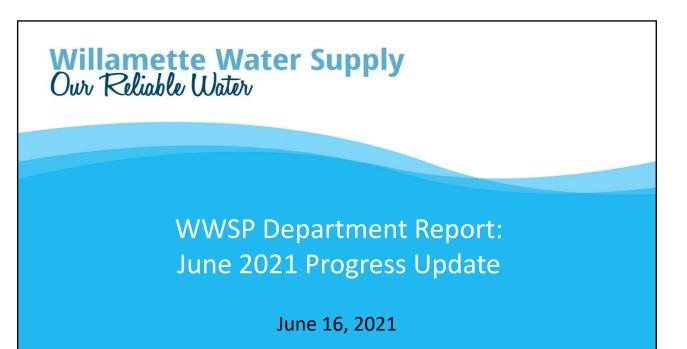
To: Tualatin Valley Water District Board of Commissioners

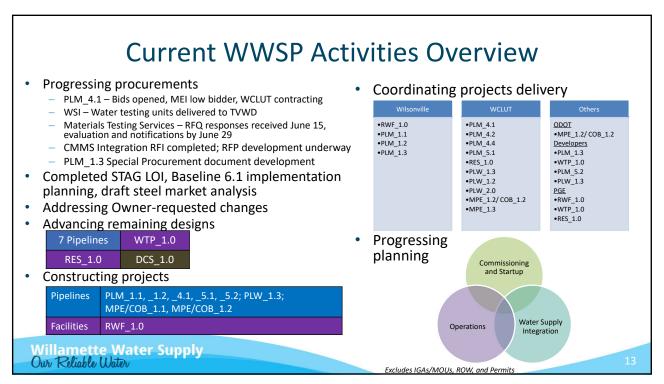
From: Tom Hickmann, CEO

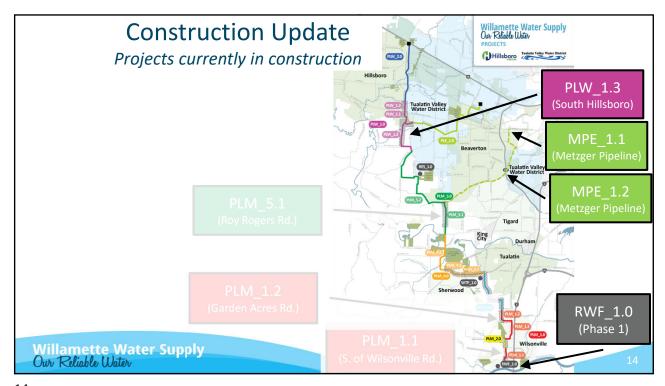
Re: Chief Executive Officer and Management Staff Report

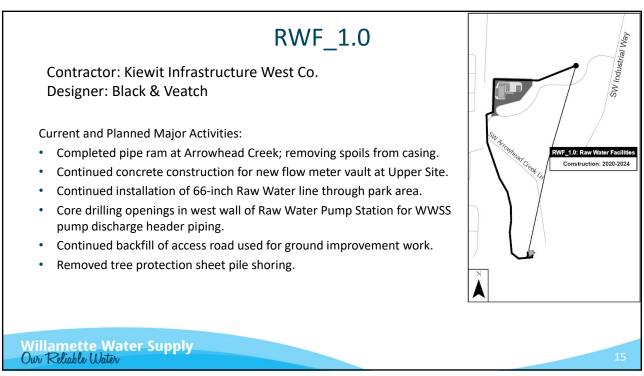
The following items will be covered during the report by the CEO:

- Portland Cryptosporidium Results For the month of May 2021, the Portland Water Bureau reported no Cryptosporidium oocyst detections in water samples collected from the Bull Run Headworks. Complete results of Portland's Cryptosporidium monitoring are posted on the City's website: https://www.portland.gov/water/water-quality/test-results#toc-cryptosporidium.
- 2. Commissioner Oaths of Office Typically, Commissioners take an oath of office at the July Board meeting. Commissioners Bagnall, Duggan, and Schmidt were recently re-elected to serve on the TVWD Board and need to complete their oaths. There is no requirement that the oaths must be conducted during a public meeting. Since the Board has not yet resumed in-person public meetings, do Commissioners prefer to schedule appointments with the District Recorder to fulfill their oaths?
- 3. CEO Schedule I will be taking some vacation time in the coming weeks. Paul Matthews will serve as Acting in Capacity for the Chief Executive Officer June 21-23, although I will be participating in a few morning meetings each of those days. Chief Engineer, Carrie Pak, will serve as Acting in Capacity July 2-16.
- **4. Safety Minute and Department Report** Dave Kraska, Willamette Water Supply Program Director, will present the safety minute and department report this evening.











Placing concrete for flow meter vault walls



Willamette Water Suppl Our Reliable Water

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Construction Photos – RWF_1.0

66-inch Raw Water pipeline progress through park



Willamette Water Sup Our Reliable Water



Core drilling wall penetrations for new WWSS Raw Water pump discharge header. CLSM cap transition zone in foreground.



Willamette Water Sup Our Reliable Water

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Trenchless Crossing of Arrowhead Creek 84-inch Casing Section Pipe Ram Equipment 270 LF Receiving Shaft Williamette Water Supply Williamette Water Supply





From social media: LinkedIn

JWF (Fowler) the General Contractor for the Arrowhead Creek crossing posted this from their LinkedIn account. The post recognizes the safe, successful achievement accomplished by the team and the risks averted by its successful completion.





Willamette Water
Our Reliable Water

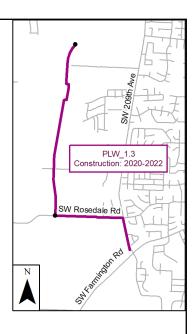
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PLW_1.3

Contractor: Tapani, Inc. Designer: Kennedy/Jenks

Current and Planned Activities:

- 30-inch TVWD Turnout pipe along SW Rosedale Rd and SW 209th Ave is complete
- SW 209th road closure reopened on Saturday June 5th
- Started installation of Farmington meter vault
- 66-inch pipe installation from Rosedale Rd. to north
- Butternut Creek crossing microtunneling 60% complete

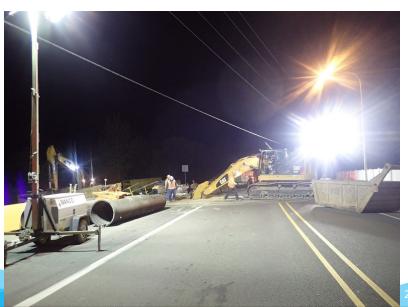


Willamette Water Supply
Our Reliable Water

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Friday Night Lights -Weekend closure for crossing SW 209th Ave. at Farmington Rd.



Willamette Water Supply
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Construction Photos – PLW_1.3

Microtunneling operation – setting new casing section



Willamette Water Supply
Our Reliable Water

MPE_1.1

Partner: City of Beaverton

Contractor: Moore Excavation Inc. Designer: Brown & Caldwell

Current and Planned Activities:

- Pre-construction meeting held 5/13/2021
- Erosion control, initial clearing and grubbing underway
- Franchise utility relocation and coordination
- Utility potholing



Willamette Water Supply
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MPE_1.1 Notable Topics

- Partner Coordination
 - Shared field trailer with City of Beaverton to be set up by July
- Potential Claims
 - None
- Delivery Challenges
 - Steel Pipe and Butterfly Valve Fabrication Schedule



Willamette Water Supply
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MPE_1.2

Contractor: Emery & Sons Designer: Brown & Caldwell

Current and Planned Activities:

- Pre-construction Meeting held 5/26/2021
- Submittals and RFIs
- Utility coordination



Willamette Water Supply
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MPE_1.2 Notable Topics

- External Coordination
 - Meeting held with PGE to begin coordination of work around overhead lines
- Potential Claims
 - None
- Delivery Challenges
 - Staging area procurement by WWSP



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Willamette Water Supply
Our Reliable Water

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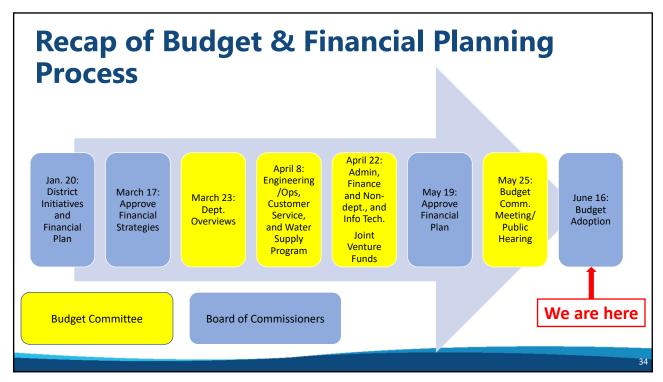


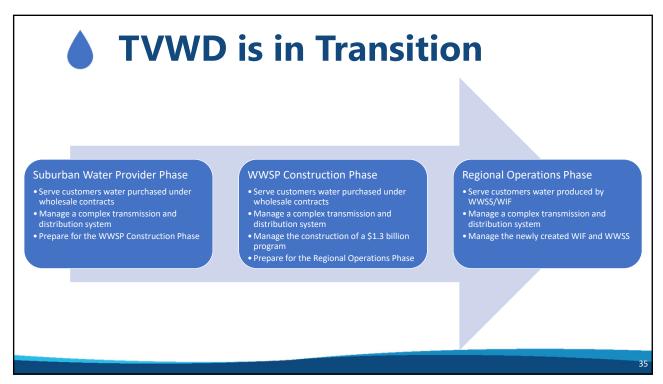
2021-23 Biennial Budget Adoption

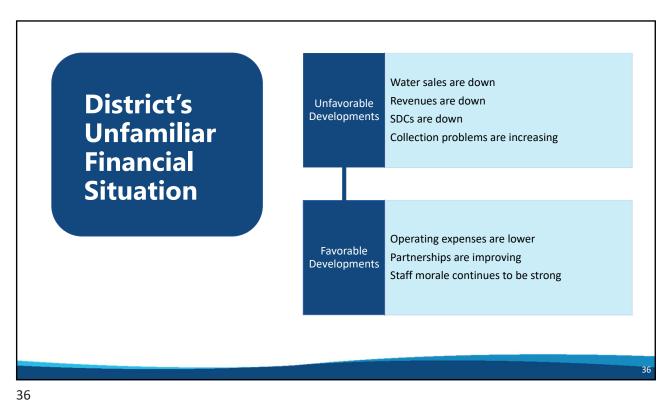
Board Regular Meeting June 16, 2021



Oregon Local Budget Process Adopted Budget Requested Budget Proposed Budget Approved Budget • Management develops • Budget officer prepares • Budget Committee • Board of approves budget in for department-level Proposed Budget for Commissioners adopts requests **Budget Committee** consideration for budget and sets Action adoption appropriations







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State of the District Challenges Successes • Implemented new • Pandemic governance for WWSS • Revenue shortfalls • WIFIA loan re-execution Partnerships • Operating under a pandemic • Implementing CIS • Progress on DEI Initiative • Project risk and • Development of the uncertainties Leadership Team

Strategic Goals: Desired Results

Tualatin Valley Water District Desired Results

- 1. The Water Supply Meets Community Needs and Expectations
- 2. The Community Is Confident in Our Water, Service and Employees
- 3. We Are Good Stewards of Our Financial Resources
- 4. We Are Good Stewards of Natural Resources
- 5. We Are Good Stewards of Our Own Assets and Resources (People & Physical Assets)

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2019-21 Strategic Initiatives and Desired Results

		Desired Results						
#	District Initiatives	Water Needs & Expectations	Community Confidence in TVWD	Stewards of Financial Resources	Stewards of Natural Resources	Stewards of People and System		
1	Program for Management and Operation of the WWSS	✓	✓	✓	✓	✓		
2	Debt Program	✓	✓	✓				
3	Strategic Communications Program	✓	✓	✓		✓		
4	Develop and Implement CIS		✓	✓		✓		
5	District Resiliency Program	✓	✓	✓	✓	✓		
6	Human Capital Strategy	✓	✓	✓		✓		

		1 Strat	egic	••••	
#	Description	Dept. or Division	Target Date	Status	Status
1	Program for Management and Operation of the Willamette Water Supply System	Admin	June 2026	G	•
2	Debt Program	Finance	June 2021	С	✓
3	Strategic Communications Program	Communications & Public Affairs	December 2021	Y	•
4	Develop and Implement CIS	Customer Service	February 2022	Υ	•
5	District Resiliency Program	Risk	June 2021	С	✓
6	Human Capital Strategy	HR	June 2021	С	✓]
	KEY:		Completed	С	√
	KLI.		On Schedule	G	•
			lowing this down	Y R	•



Major Themes from SWOT Analysis

Human Investment

 Prepare employees to be successful in meeting the future requirements of the District.

Intergovernmental Relations

 Improve relationships with local governments and neighboring utilities to solidify TVWD as a necessary and desired regional resource.

Business Intelligence

 Improve planning and the District's ability to respond by developing actionable information from disparate sources of data.

Efficiency Through Modernization

 Improve the service levels provided to our customers and find long-term strategies to lower the cost of doing so.

Current Initiatives

 Successfully execute and complete the initiatives currently underway.

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Strategic Initiatives and Desired Results

	Desired Results					
Strategic Initiatives	Water Needs & Expectations	Community Confidence in TVWD	Stewards of Financial Resources	Stewards of Natural Resources	Stewards of People and Systems	
Mission, Vision, and Values		✓	✓	✓	✓	
Conduct Classification / Compensation Study			✓		✓	
Government Affairs	✓	✓			✓	
Business Decision Data	✓	✓	✓	✓	✓	
Modernization	✓		✓	✓	\checkmark	
Existing Initiatives	✓	✓	✓	✓	✓	

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Mission, Vision, and Values

Objectives

- Develop District-wide buy-in into our mission, vision, and values
- Integrate TVWD's mission, vision, and values into TVWD's culture
- Update TVWD's strategic planning process

Key Elements

- Refine/update the District's mission, vision, and values
- Integrate team-oriented training into District's culture
- Implement DEI Initiative

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Conduct Class/Compensation Study

Objective

- Prepare TVWD's workforce for the transition to the WWSS/WIF managing agency/operator
- Modernize TVWD's compensation structure to better align with current market conditions

Key Elements

- Assess TVWD's compensation structure against current needs
- Identify job classification and compensation challenges in the modern labor market
- Prepare an implementation and change management plan

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Governmental Affairs Objectives Improve relationships with other local governments Develop better information on how TVWD's efforts affect its partners and customers More fully integrate the communications functions Key Elements Develop/implement government affairs strategy Reorganize communications Implement new survey protocols

Business Decision Data

Objectives

- Improve management decision making
- Reduce apparent data inconsistencies
- Embrace technology to reduce costs of doing business

Key Elements

- Develop common data warehouse
- Implement management dashboards
- Develop data-informed processes

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Objectives • Reduce costs of maintaining or improving service levels for customers • Align TVWD's efforts with those activities providing greatest return to customers • Manage risks Key Elements • Develop AMI strategy • Develop/implement project management center • Mature asset management strategy

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Complete Existing Initiatives Copylian Successfully complete important initiatives that carry over from prior efforts Key Elements Implement WWSS and WIF Develop plan for wind-down of the PMO Implement CIS Invest in critical infrastructure Complete TVWD branding strategy Decommission on-premises SharePoint

New Requested Staff Positions

Engineering and Operations

- SCADA staff member
- Water Works Operator

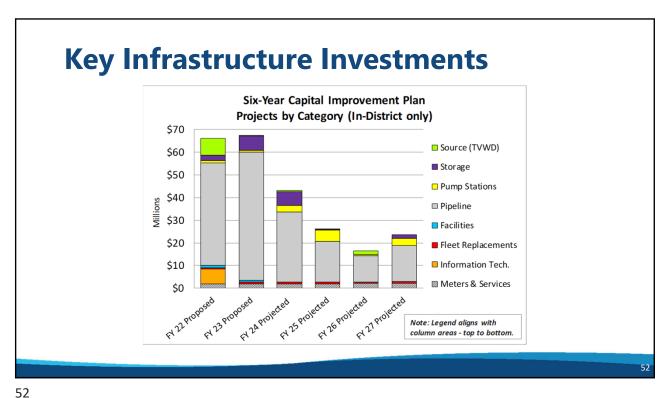
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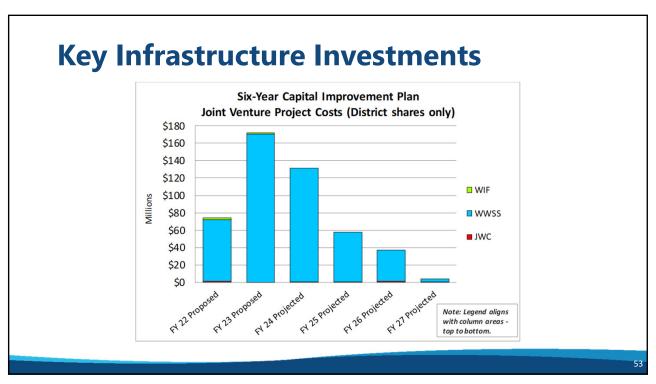
Proposed 2021-23 Budget by Fund

2021-23 Biennial Budget Committee Meeting

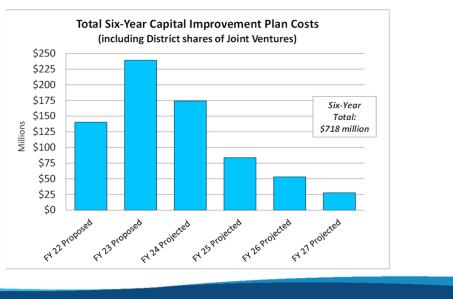
May 25, 2021



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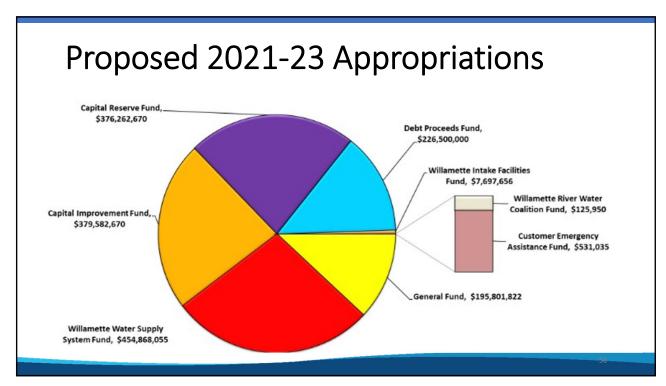




TVWD's Fund Structure

Six Funds Directly Support the Water Utility				
General Fund (01)	Administration, operations, and maintenance			
General Fund (01)	activity. All District staff are budgeted in this fund.			
	Accounts for the resources and expenditures used			
Capital Improvement Fund (11)	for acquisition or construction of major capital			
	facilities not funded by bond proceeds.			
Comittee December Frank (40)	Holds resources for current and future capital			
Capital Reserve Fund (18)	improvement and water supply projects.			
	Holds proceeds from the District's debt portfolio			
Debt Proceeds Fund (22)	including the revenue bonds, WIFIA loan proceeds,			
	and other types of borrowings.			
Revenue Bond Debt Service	Accounts for repayment of principal and interest on			
Fund (31)	the District's revenue bonds.			
Customer Emergency	Accounts for the resources, administration, and			
Customer Emergency	customer payments for those who qualify for			
Assistance Fund (43)	emergency assistance.			

Three Funds Manage Partnerships				
Willamette Water Supply System Fund - WWSS (45)	An ORS chapter 190 Joint Venture with the cities of Beaverton, Hillsboro, and TVWD. TVWD serves as the managing agency providing administration, operations, project management and accounting services.			
Willamette Intake Facilities Fund - WIF (44)	An ORS chapter 190 Joint Venture with the cities of Beaverton, Hillsboro, Sherwood, Tigard, Wilsonville, and TVWD. TVWD serves as the managing agency providing general administration, project management, and accounting services.			
Willamette River Water Coalition Fund - WRWC (41)	An ORS chapter 190 Joint Venture with the cities of Sherwood, Tigard, Tualatin, and TVWD. TVWD serves as the managing agency providing general administration and accounting services.			



General Fund – Appropriations in Approved Budget

			Proposed			Percent	Annualized
Description	2019-21 Budget	:	Budget		Change	Change	Percent
Personnel Services	\$ 43,536,650	\$	42,330,036	\$	(1,206,614)	-2.8%	-1.4%
Materials & Services	42,131,196		47,640,836		5,509,640	13.1%	6.3%
Capital Outlay	212,200		705,950		493,750	232.7%	82.4%
Special Payments	21,446,000		1,625,000		(19,821,000)	-92.4%	-72.5%
Interfund Transfers	78,491,222		83,500,000		5,008,778	6.4%	3.1%
Contingency	14,370,642		20,000,000		5,629,358	39.2%	18.0%
Total	\$ 200,187,910	\$ \$	195,801,822	\$	(4,386,088)	-2.2%	-1.1%

General Fund

Resources		
Beginning Balance	\$	37,376,583
Water Sales		158,826,968
Right of Way Fees		1,625,000
Admin Fees		751,303
Other Resources		1,088,435
Interest Earnings		438,200
Contract Reimbursements	6	2,436,000
Overhead to Other Funds		10,722,620
Total Resources	\$	213,265,109
Requirements		
Personnel Services	\$	42,330,036
Materials & Services		47,640,836
Capital Outlay		705,950
Special Payments		1,625,000
Interfund Transfers		83,500,000
Contingency		20,000,000
Total	\$	195,801,822
Unappropriated		17,463,287
	Ś	213,265,109

Key Elements

- All personnel services budgeted in General Fund
- Purchased Water/Power is 51.5% of materials & services
- Available resources transferred to Capital Reserve Fund for capital projects and future use
- Special Payments appropriation for right-of-way fee pass-through

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Capital Improvement Fund – Appropriations in Approved Budget

Description	2019-21	. Budget	Proposed Budget	Change	Percent Change	Annualized Percent
Personnel Services	\$	-	\$ -	\$ -	NA	NA
Materials & Services		-	-	-	NA	NA
Capital Outlay	179,	522,721	379,582,670	200,059,949	111.4%	45.4%
Special Payments		-	-	-	NA	NA
Interfund Transfers		-	-	-	NA	NA
Contingency		-	-	-	NA	NA
Total	\$ 179,	522,721	\$ 379,582,670	\$ 200,059,949	111.4%	45.4%

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Capital Improvement Fund

Resources	
TVWD	\$ 376,262,670
Other Partners	3,320,000
Total Resources	\$ 379,582,670
Requirements	
Materials & Services	\$ 0
Capital Outlay	379,582,670
Contingency	 0
Total Requirements	\$ 379,582,670

Key Elements

- Capacity improvements
- Replacement
 - Condition assessment
- Age
- Resiliency
- Relocation Agency Driven
- Metzger Pipeline East (MPE) budgeted here

Joint Ventures

• Includes appropriations for District's share of WWSS, WIF and Joint Water Commission capital projects

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Capital Reserve Fund – Appropriations in Approved Budget

		Proposed		Percent	Annualized
Description	2019-21 Budget	Budget	Change	Change	Percent
Personnel Services	\$ -	\$ -	\$ -	NA	NA
Materials & Services	-	-	-	NA	NA
Capital Outlay	-	-	-	NA	NA
Special Payments	-	-	-	NA	NA
Interfund Transfers	179,522,721	376,262,670	196,739,949	109.6%	44.8%
Contingency	-	-	-	NA	NA
Total	\$ 179,522,721	\$ 376,262,670	\$ 196,739,949	109.6%	44.8%

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Capital Reserve Fund

Capital Reserve Fund

Resources	
Beginning Balance	\$ 56,508,462
Interest Income	431,000
Contributions	10,725,083
Interfund Transfer	 309,500,000
Total Resources	\$ 377,164,545
Requirements	
Interfund Transfer	\$ 376,262,670
Unappropriated	 901,875
Total Requirements	\$ 377,164,545

Key Elements

- Accounts for financial reserves
- Transfers to the District Capital Improvement Fund
- Resources include SDC revenues, meter & services install fees, interest earnings, transfers-in from other funds

6.

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Debt Proceeds Fund – Appropriations in Approved Budget

			Proposed		Percent	Annualized
Description	203	19-21 Budget	Budget	Change	Change	Percent
Personnel Services	\$	-	\$ -	\$ -	NA	NA
Materials & Services		-	-	-	NA	NA
Capital Outlay		-	-	-	NA	NA
Special Payments		-	-	-	NA	NA
Interfund Transfers		25,000,000	226,500,000	201,500,000	806.0%	201.0%
Contingency		-	-	-	NA	NA
Total	\$	25,000,000	\$ 226,500,000	\$ 201,500,000	806.0%	201.0%

Debt Proceeds Fund

Key Elements

- Accounts for proceeds of borrowing
- Anticipated WIFIA draws during biennium
- Interfund transfers to the Capital Reserve Fund

Debt Proceeds Fund

Resources	
Beginning Balance	\$ 0
Bond Proceeds	 226,500,000
Total Resources	\$ 226,500,000
Requirements	
Materials & Services	\$ 0
Interfund Transfer	226,500,000
Contingency	 0
Total Requirements	\$ 226,500,000

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Customer Emergency Assistance Fund – Appropriations in Approved Budget

			Proposed		Percent	Annualized
Description	2019-	21 Budget	Budget	Change	Change	Percent
Personnel Services	\$	-	\$ -	\$ -	NA	NA
Materials & Services		41,400	531,035	489,635	1182.7%	258.1%
Capital Outlay		-	-	-	NA	NA
Special Payments		-	-	-	NA	NA
Interfund Transfers		-	-	-	NA	NA
Contingency		-	-	-	NA	NA
Total	\$	41,400	\$ 531,035	\$ 489,635	1182.7%	258.1%

Customer Emergency Assistance Fund

Key Elements

- Provides emergency relief to qualified customers through the Customer Emergency Assistance Program
- Qualification provided by third party
- Sources of Funds:
- Customer donations
- Commissioners and staff
- Budgeted funds
- Interest earnings remain within Fund
- Request \$250,000 per year to assist customers with emergency needs
- Working closely with Clean Water Services to match efforts

Resources	
Beginning Balance	\$ 5,000
Donations & Interest	26,035
Transfers In	500,000
Total Resources	\$ 531,035
Requirements	
Materials & Services	\$ 531,035
Capital Outlay	 0
Total Requirements	\$ 531,035

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Willamette Water Supply System Fund – Appropriations in Approved Budget

		Proposed		Percent	Annualized
Description	2019-21 Budget	Budget	Change	Change	Percent
Personnel Services	\$ -	\$ -	\$ -	NA	NA
Materials & Services	1,714,154	2,343,405	629,251	36.7%	16.9%
Capital Outlay	217,296,865	452,289,650	234,992,785	108.1%	44.3%
Special Payments	-	-	-	NA	NA
Interfund Transfers	-	-	-	NA	NA
Contingency	173,000	235,000	62,000	35.8%	16.5%
Total	\$ 219,184,019	\$ 454,868,055	\$ 235,684,036	107.5%	44.1%

Willamette Water Supply System Commission

Key Elements

- Joint venture of TVWD, and the cities of Beaverton and Hillsboro
- TVWD serves as managing agency
- TVWD's share of operating expenses are budgeted in Administration Regional Partnerships
- The budget is set annually by the WWSS Commission Board
- Constructs and operates the Willamette Water Supply System

Resources	
TVWD	\$ 243,272,395
Other Partners	211,595,660
Total Resources	\$ 454,868,055
Requirements	
Materials & Services	\$ 2,343,405
Capital Outlay	452,289,650
Contingency	235,000
Total Requirements	\$ 454,868,055

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Willamette Intake Facilities Fund – Appropriations in Approved Budget

				Proposed			Percent	Annualized
Description	201	9-21 Budget		Budget		Change	Change	Percent
Personnel Services	\$	-	\$	-	\$	-	NA	NA
Materials & Services		420,590		1,056,920		636,330	151.3%	58.5%
Capital Outlay		8,113,208		6,533,736		(1,579,472)	-19.5%	-10.3%
Special Payments		-		-		-	NA	NA
Interfund Transfers		-		-		-	NA	NA
Contingency		36,000		107,000		71,000	197.2%	72.4%
Total	Ś	8,569,798	Ś	7.697.656	Ś	(872.142)	-10.2%	-5. 2 %

Willamette Intake Facilities Commission

Key Elements

- Joint venture of TVWD, and cities of Beaverton, Hillsboro, Sherwood, Tigard, and Wilsonville
- TVWD serves as managing agency
- TVWD's share of operating expenses are budgeted in Administration Regional Partnerships
- The budget is set annually by the WIF Commission Board
- Constructs and operates the Willamette Intake Facilities on the Willamette River

Resources	
TVWD	\$ 3,523,945
Other Partners	4,173,711
Total Resources	\$ 7,697,656
Requirements	
Materials & Services	\$ 1,056,920
Capital Outlay	6,533,736
Contingency	107,000
Total Requirements	\$ 7,697,656

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Willamette River Water Coalition Fund – Appropriations in Approved Budget

			Proposed		Percent	Annualized
Description	2019	-21 Budget	Budget	Change	Change	Percent
Personnel Services	\$	-	\$ -	\$ -	NA	NA
Materials & Services		167,000	114,300	(52,700)	-31.6%	-17.3%
Capital Outlay		-	-	-	NA	NA
Special Payments		-	-	-	NA	NA
Interfund Transfers		-	-	-	NA	NA
Contingency		-	11,650	11,650	NA	NA
Total	\$	167,000	\$ 125,950	\$ (41,050)	-24.6%	-13.2%

Willamette River Water Coalition

Key Elements

- Joint venture of TVWD, and cities of Sherwood, Tigard, and Tualatin
- TVWD serves as the managing agency
- TVWD's dues are budgeted in Regional Partnerships
- The WRWC budget is set annually by its governing board
- Primarily focused on water rights on the Willamette River

Resources	
TVWD	\$ 58,000
Other Partners	 67,950
Total Resources	\$ 125,950
Requirements	
Materials & Services	\$ 114,300
Capital Outlay	0
Contingency	 11,650
Total Requirements	\$ 125,950

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Appropriations Summary - Proposed 2021-23 Budget

	20	2019-21 Biennial Revised		21-23 Biennial	% Change from	
				Proposed	Revised	
		Budget		Budget	2019-21 Biennial	
Sources of Funds						
Operating Revenue	\$	170,406,943	\$	180,495,611	5.9%	
Non-Operating Revenue		240,480,095		472,586,886	96.5%	
Total Revenues:	\$	410,887,038	\$	653,082,497	58.9%	
Transfers In From Other Funds		283,013,943		686,262,670	142.5%	
Debt Resources		25,000,000		226,500,000		
Beginning Fund Balances		132,950,815		93,893,898	-29.4%	
Total Sources	\$	851,851,796	\$	1,659,739,065	94.8%	
Uses of Funds						
Personnel Services	\$	43,536,651	\$	42,330,036	-2.8%	
Materials and Services		44,391,964		51,686,496	16.4%	
Capital Outlay		404,589,611		839,112,006	107.4%	
Special Payments		21,446,000		1,625,000	-92.4%	
Contingency		15,209,000		20,353,650	33.8%	
Transfers Out To Other Funds		283,013,943		686,262,670	142.5%	
Total Appropriations:	\$	812,187,169	\$	1,641,369,858	102.1%	
Ending Fund Balances		39,664,627		18,369,207	-53.7%	
Total Uses	\$	851,851,796	\$	1,659,739,065	94.8%	

Summary

2021-23 Presents New Challenges

- Unfamiliar financial position
- Continued large infrastructure investments

Proposed 2021-23 Budget

- Funds initiatives based on strategic plan
- Maintains current service levels with limited additions for strategic initiatives
- Recognizes impact of pandemic on customers by funding bad debt expense and Customer Emergency Assistance Program
- Funds District's infrastructure investments
- Funds District transition to managing agency for the WWSS and WIF

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Management Recommendation

Adopt Resolution 06-21

- Adopting the 2021-23 Biennial Budget
- Making appropriations for 2021-23 biennium

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Update on Financial Performance

Paul L. Matthews
Chief Financial Officer

June 16, 2021



Overview of Tonight's Presentation

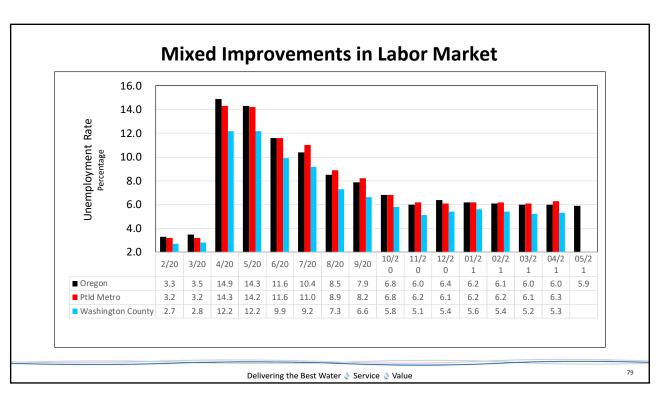
Updates on:

- Update on unemployment rates
- •TVWD's Financial Performance
 - Revenue
 - Collections
 - Expenses

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Monitoring TVWD's Financial Performance



Revenue

• Impact on future water sales



Collections

• Capacity for customers to pay their water bills



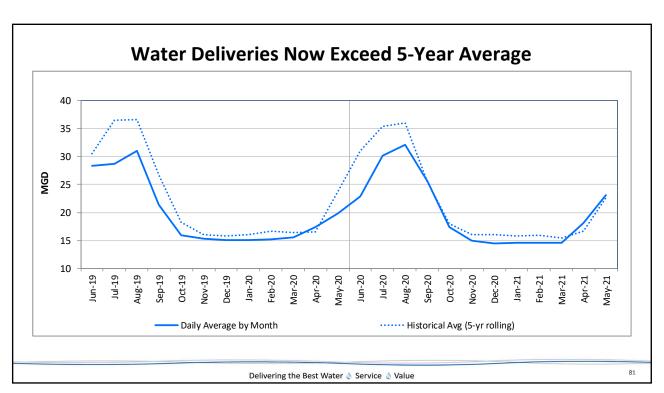
Expenses

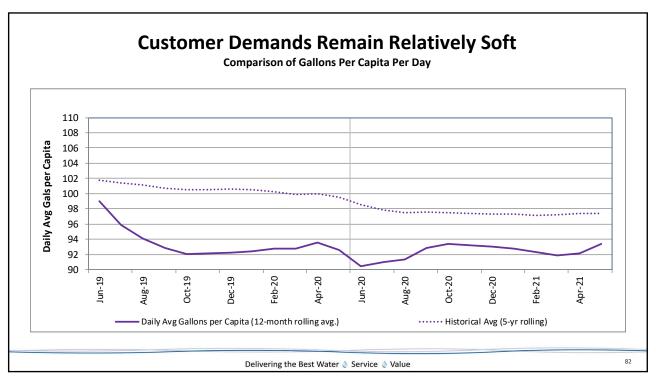
• Effect on budget to respond to COVID-19

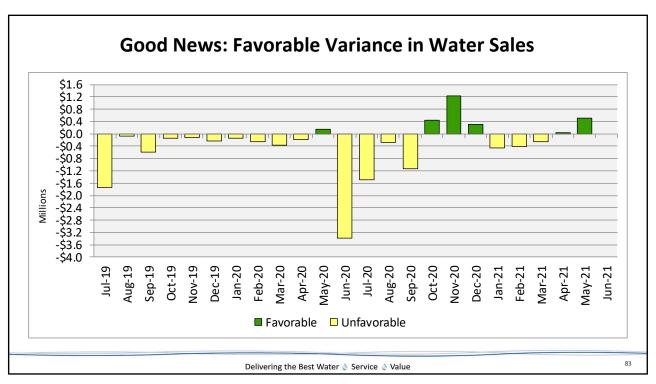
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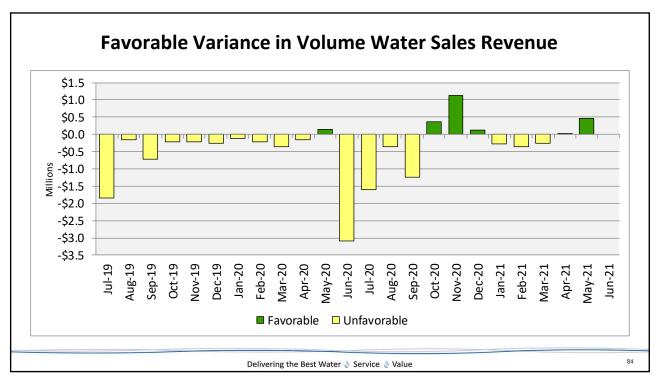
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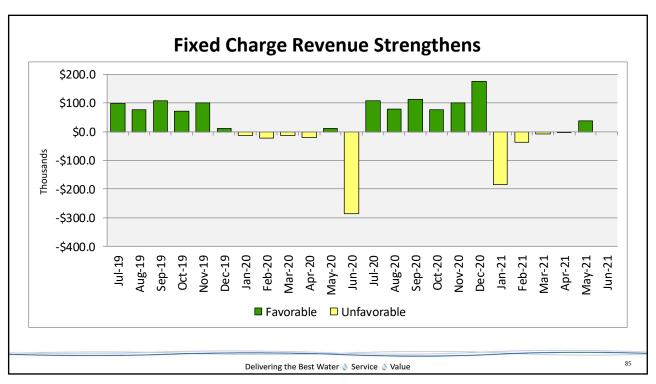
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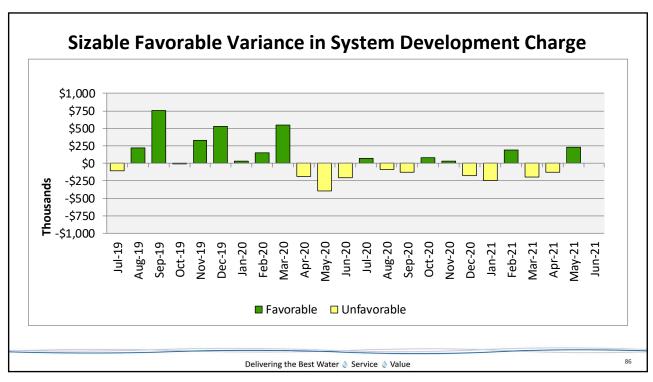












Revenue Trends by Customer Class

Revenue

- Diminishing volatility
- Biennium performance remains uncertain
- Latest forecast suggests unfavorable variance of \$8.0 to \$9.5 million for biennium

Challenges

- COVID-19's impact on the economy
- Uneven variance in revenue by customer classes
- Bimonthly billing cycles
- Unbalanced billing cycles by month

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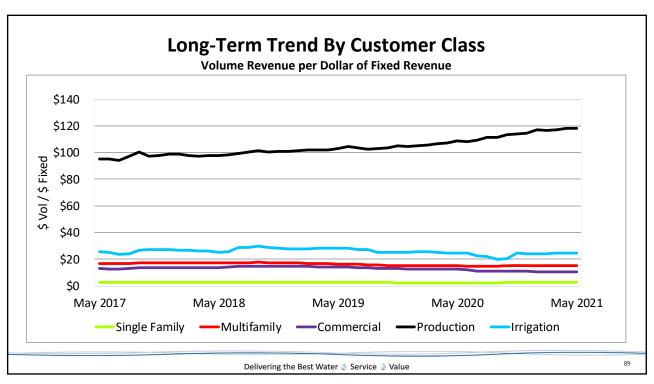
Metric to Assess Trends

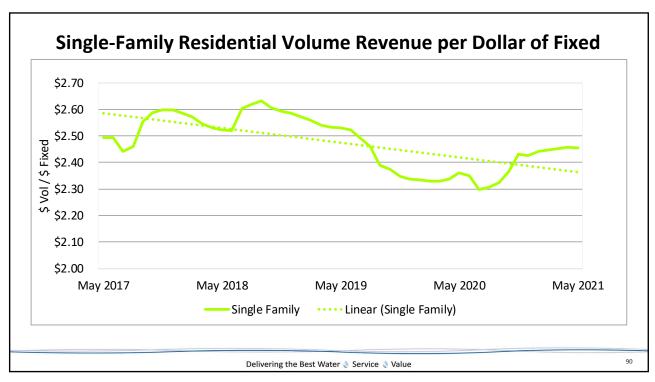
Approach

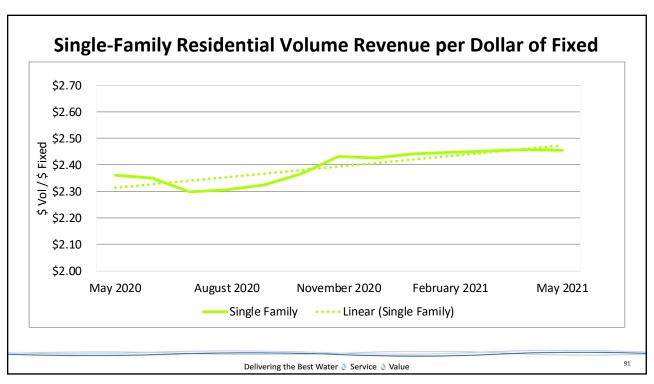
- Volume-based revenue per dollar of fixed charges
- Reduces the impact of seasonal variability in revenue
- Addresses the challenges of unbalanced billing cycles
- Provides meaningful trend data over time

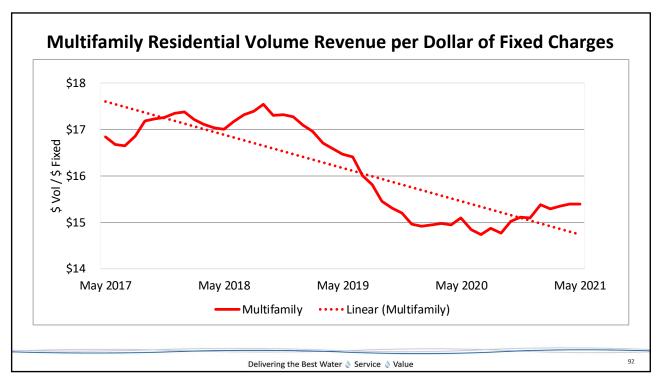
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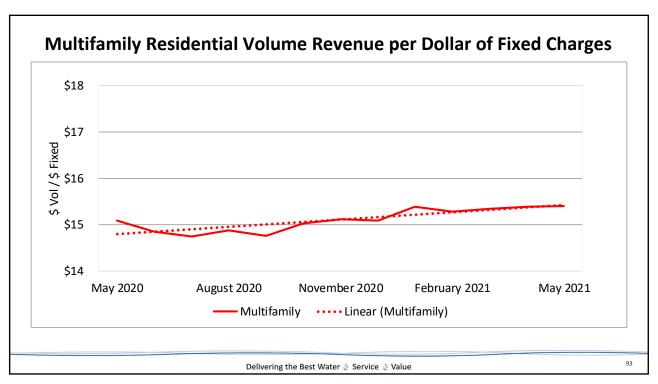
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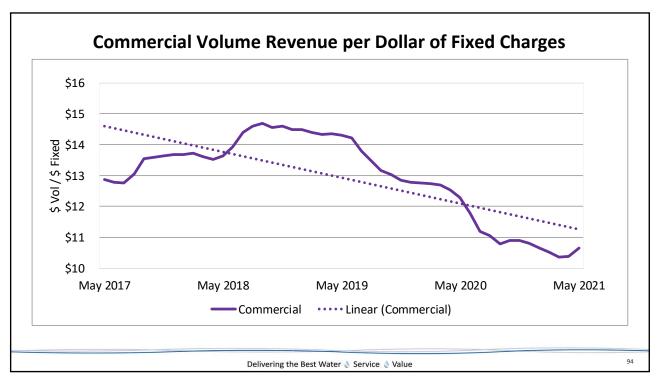


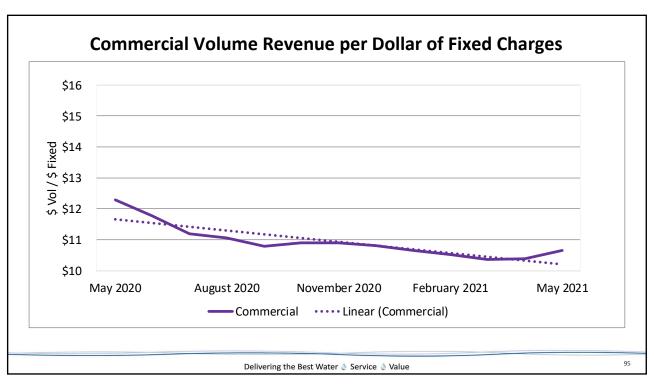


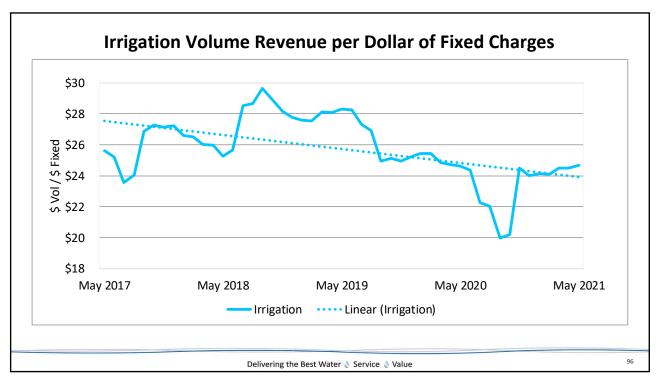


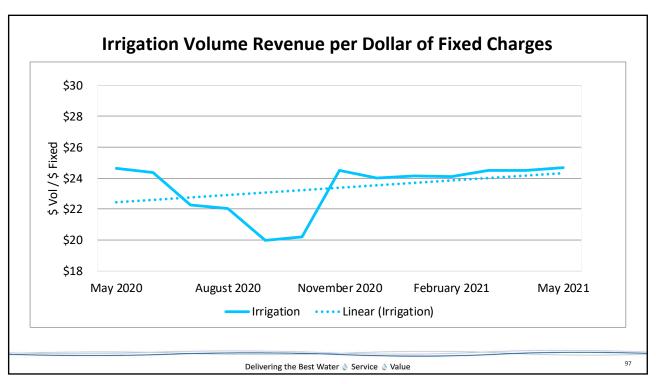


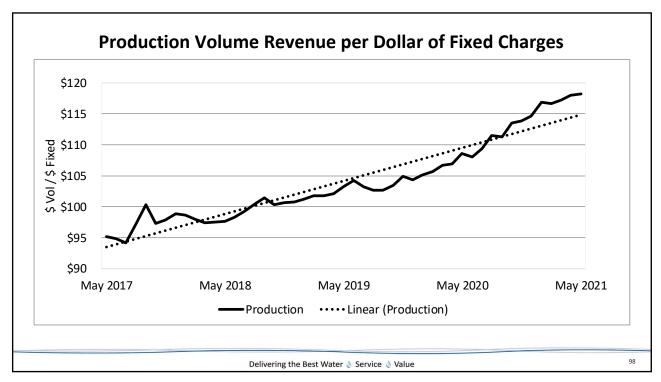


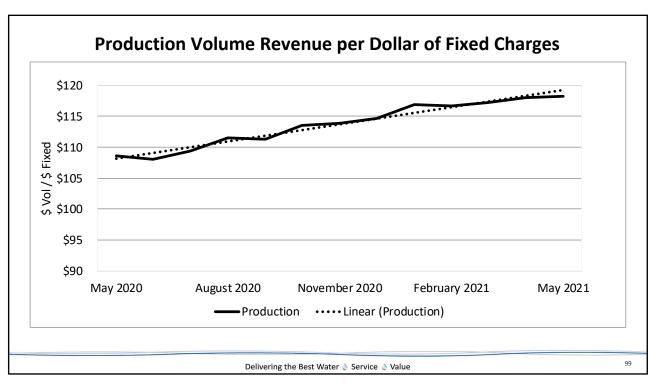












What We've Learned This Month

Revenue for May

- Outdoor water use may be increasing
- Commercial class remains down, but appears to be recovering
- Single-family residential sales seem to have stabilized at lower levels
- Multifamily residential sees slight improvement
- Production class remains strong

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Monitoring TVWD's Financial Performance



Revenue

Impact on future water sales



Collections

• Capacity for customers to pay their water bills

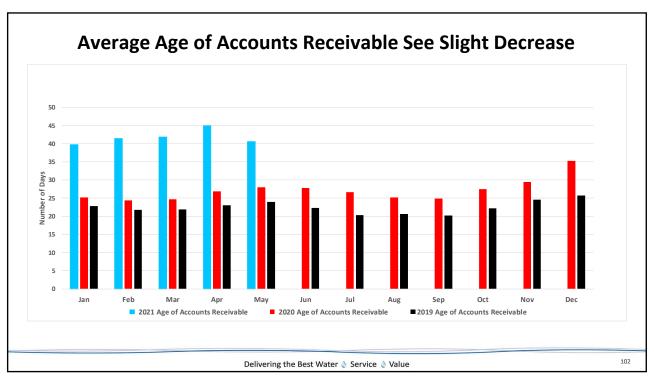


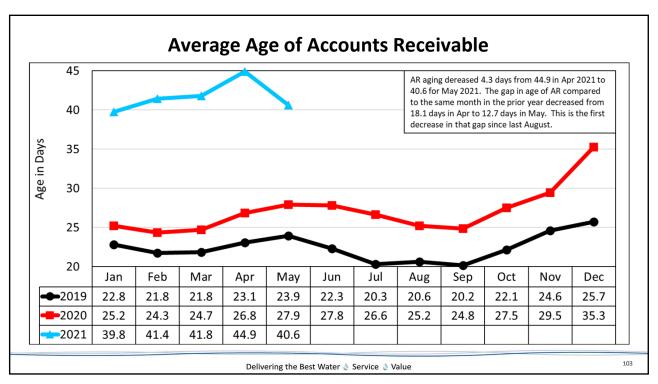
Expenses

• Effect on budget to respond to COVID-19

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Days Sales Outstanding

• Measures average number of days to collect on sales

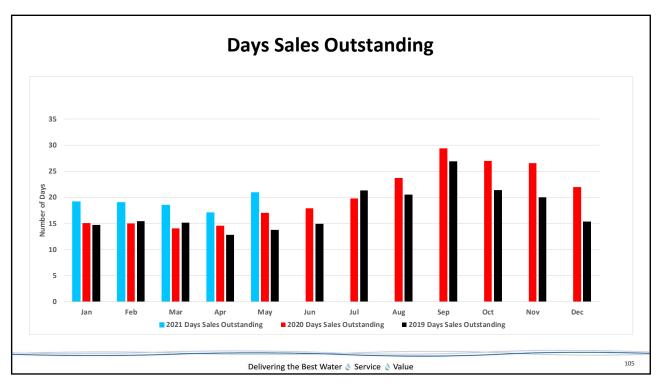
$$\textit{Days Sales Outstanding} = \frac{\textit{Account Receivable}}{\textit{Total Sales}} * 365$$

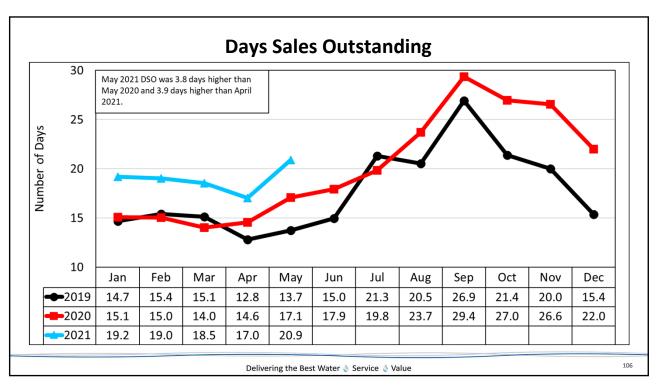
- Increases in Days Sales Outstanding could indicate collections challenges
- Proposed basis is years of sales to account for seasonality of water sales

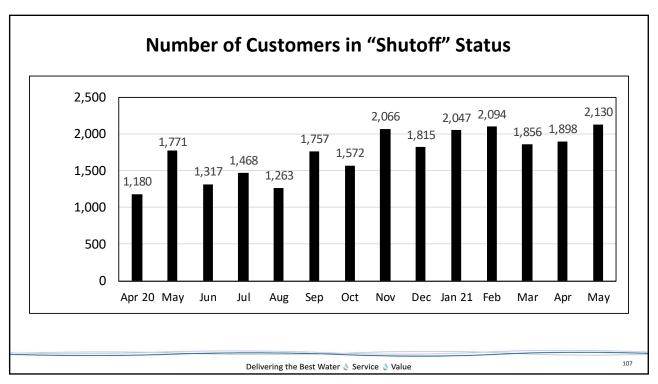
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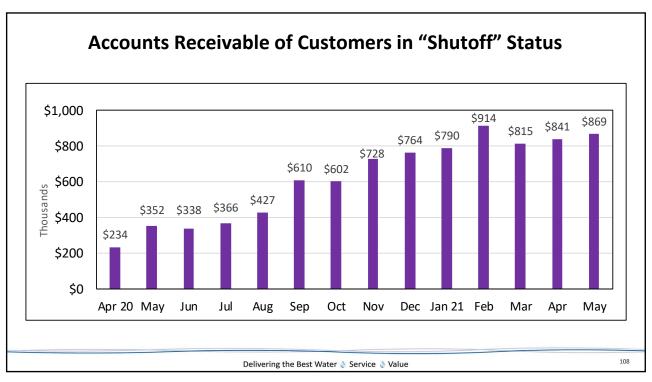
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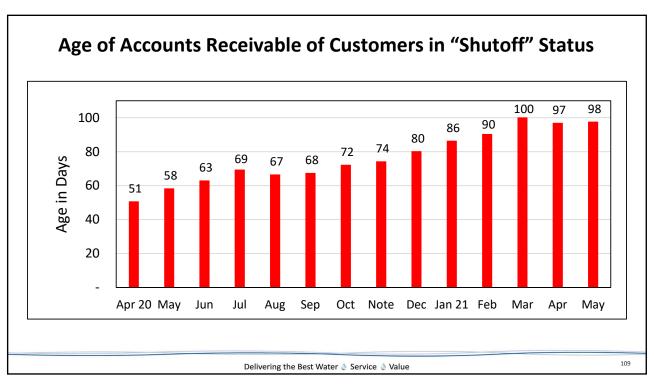
104







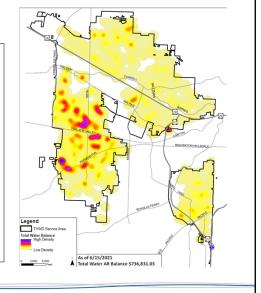




Locations of Struggling Customers

Heat map

- Based on District's GIS
- Shows density of dollar balances of bills by location
- Areas of most concern are bluer in color



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Monitoring TVWD's Financial Performance



Kevenue

Impact on future water sales



Collections



Expenses

• Effect on budget to respond to COVID-19

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Reminder on Bad Debt Expense

Recent Adjustments

- Allowance for doubtful accounts increased from 0.11% of sales to 0.85% of sales (historical rate has been about 0.20%)
- One-time bad debt expense of about \$250 thousand to bring allowance to about \$500 thousand

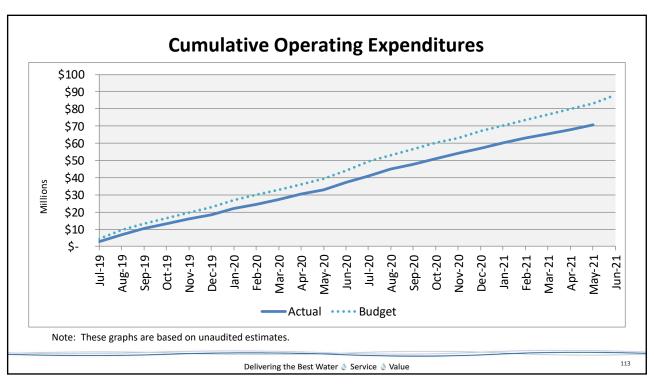
Future Adjustments

 Staff will continue to monitor collections and allowance for doubtful accounts

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Closing Thoughts

Final Thoughts

- Revenue seams to have stabilized at lower levels
- Likely to close the biennium with \$8.0 to \$9.5 million in unfavorable variance
- Taking actions to manage allowance for doubtful accounts

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Questions and Comments

Update on Financial Performance

Paul L. Matthews
Chief Financial Officer



Taylors Ferry Reservoir Replacements and Pump Station Exemption for Alternative Delivery

June 16, 2021

Andrew Barrett, P.E.
Senior Engineer / Project Manager



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Outline

- Taylors Ferry Reservoir Replacements and Pump Station Project Background
- Existing Condition
- Project Site Plan
- Alternative Project Delivery Evaluation
- Alternative Project Delivery Evaluation Results
- Board Action

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Taylors Ferry Reservoir Replacements and Pump Station Project Background Willamette Water Supply System Fortland Water Fortland Water Supply System Fortland Water Supply System Fortland Water Supply System Fortland Water Fortland Wat

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Project Background

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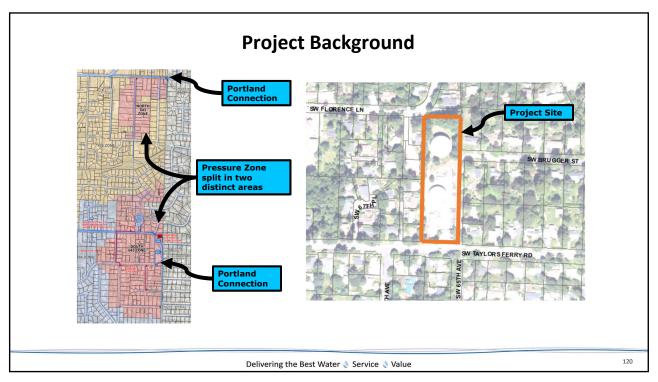
- Existing reservoirs not seismically resilient
- Lead-jointed cast iron piping not seismically resilient
- Only water storage reservoirs in the 498 pressure zone
- Zone serves 3,130 residents including large commercial areas



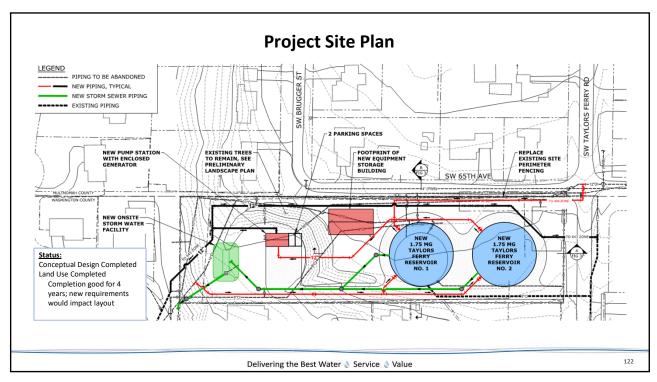
Existing Site

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Why Use Alternative Delivery?

- Complex projects benefit from Alternative Delivery
 - Contractor buy-in
 - Appropriate risk allocation
 - Cost savings
 - Teamed approach to the project delivery
 - Understanding of project goals and objectives over plain scope execution
 - Ability to meet project timeline

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Alternative Project Delivery Evaluation









- CM/GC preferred delivery method for this project
 - Complex project (Construction sequence, pumping, contractor buy-in, site to remain open to Operations)
 - Long lead items can be ordered early such as pumps and backup power systems, scheduling of key subcontractors
 - Possibility of multiple phases of the work
 - Planning for project staging on relatively small site

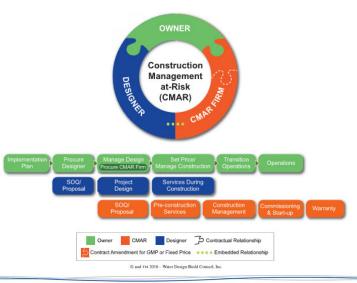
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Alternative Project Delivery Evaluation

- CM/GC
 - Hired based on combination of price and qualifications
 - Separate selections for designer and contractor
 - Price negotiations
 - Risk
 - Less unknowns
 - Less risk at GMP



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Oregon Legal Authority

- ORS 279C.335 competitive bidding exemptions
 - As required by 335.2, the District developed the findings that
 - The exemption is unlikely to encourage favoritism in awarding public improvement contracts or substantially diminish competition for public improvement contract
 - Awarding a public improvement contract under the exemption will likely result in substantial cost savings and other substantial benefits to the contracting agency
 - The findings addressed required items under 335.2.b
 - A public hearing is being held before the Board's approval on June 16, 2021, as required by 335.5.a
 - Notification of the public hearing was published on May 26, 2021,
 a minimum of 14 days before the hearing, as required by 335.5.b

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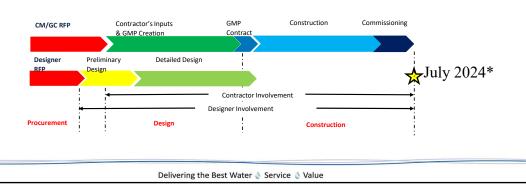
Firms and Services for CM/GC

- Encouraging competition for the project delivered by CM/GC
 - A solicitation of interest letter was sent to potential respondents
 - Request for Letters of Interest (RLOI) was published in Daily Journal of Commerce on May 12, 2021
 - 10 firms responded and expressed interest in the project
- The District is in the process of retaining a consultant to provide Engineering consulting and to act as the Owner's Representative for CM/GC delivery of the project
- The District to use in-house counsel for legal assistance

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Requested Local Contract Review Board Action

Acting as the Local Contract Review Board, consider adopting Resolution 07-21 declaring an exemption from competitive bidding for the Taylors Ferry Reservoir Replacements and Pump Station Project and approving a CM/GC delivery method.





Commissioner Bernice Bagnall

Date	Meeting or Function	Purpose	\$	Claimed
5/25/2021	Budget Committee meeting	Approve budget	0.00	□ Yes X No
6/1/2021	Board Work session	Board Appts, WWSS, Water rate schedule	50.00	X Yes □ No
6/8/2021	CEO and Board VP	Agenda Planning	50.00	X Yes □ No
6/16/2021	Board meeting	District Business	50.00	X Yes □ No
			\$150 OK to pay	□ Yes □ No
			DCarper	□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No

ORS 198.190, "A member of the governing body of a district may receive, not to exceed \$50.00 for each day or portion thereof as compensation for services performed as a member of the governing body. Such compensation shall not be deemed lucrative. The governing body may provide for reimbursement of a member for actual and reasonable traveling and other expenses necessarily incurred by a member in performing official duties." Please note that in accordance with ORS 294.331 (3) members of the budget committee shall receive no compensation for their services as members of such committee.

Debbie Carper

From: Todd Sanders

Sent: Wednesday, June 16, 2021 4:10 PM

To: Debbie Carper

Subject: Re: Commissioner Bagnall meetings attended form

I approve the May 2021 Meetings Attended Form for Commissioner Bagnall.

Todd Sanders

From: Debbie Carper <Debbie.Carper@tvwd.org>
Sent: Wednesday, June 16, 2021 12:55 PM
To: Todd Sanders <Todd.Sanders@tvwd.org>

Subject: Commissioner Bagnall meetings attended form

Hi Commissioner Sanders,

Could I please get your emailed approved for the attached form for Commissioner Bagnall?

Debbie Carper, MMC

District Recorder

1850 SW 170th Avenue, Beaverton, OR 97003 direct 503-848-3014 debbie.carper@tvwd.org www.tvwd.org

Tualatin Valley Water District

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Commissioner Jim Doane

Date	Meeting or Function	Purpose	\$	Claimed
25 May	Budget Committee meeting		0	
16 June	Regular Meeting		50	□ Yes X No
10 June	Aloha Business Association		50	□ Yes X No
3 June	Backflow Issues Mtg		50	□ Yes X No
1 June	Work Session		50	□ Yes X No
			\$200 OK to pay C	□ Yes No
			DCarper	□ Yes No
				□ Yes No
				□ Yes□ No
				□ Yes No
				□ Yes No
				□ Yes□ No
				□ Yes □ No
				□ Yes □ No

ORS 198.190, "A member of the governing body of a district may receive, not to exceed \$50.00 for each day or portion thereof as compensation for services performed as a member of the governing body. Such compensation shall not be deemed lucrative. The governing body may provide for reimbursement of a member for actual and reasonable traveling and other expenses necessarily incurred by a member in performing official duties." Please note that in accordance with ORS 294.331 (3) members of the budget committee shall receive no compensation for their services as members of such committee.



Commissioner Jim Duggan

Date	Meeting or Function	Purpose	\$	Claimed
05/25/2021	TVWD Budget Meeting	Review & Recommend	0	□ Yes × No
06/01/2021	TVWD Work Session	WWSS & Other Updates	50	× Yes □ No
06/02/2021	RWPC Board Meeting	Officers; 1/3Yr. Reg. Mtg.	50	× Yes □ No
06/03/2021	WWSS Board Meeting & Exec. Session	Regular Monthly Mtg.	50	× Yes □ No
06/08/2021	Washington County CPO#1 Mtg.	CWS; Nature Park Project	50	× Yes □ No
06/10/2021	WWSS Documents/Debbie C.	Sign document backlog	50	× Yes □ No
06/16/2021	TVWD Board Meeting	Regular Monthly Mtg.	50	× Yes □ No
			\$300 OK to pay	□ Yes □ No
			OK to pay DCarper	□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No

ORS 198.190, "A member of the governing body of a district may receive, not to exceed \$50.00 for each day or portion thereof as compensation for services performed as a member of the governing body. Such compensation shall not be deemed lucrative. The governing body may provide for reimbursement of a member for actual and reasonable traveling and other expenses necessarily incurred by a member in performing official duties." Please note that in accordance with ORS 294.331 (3) members of the budget committee shall receive no compensation for their services as members of such committee.



Commissioner Todd Sanders

Date	Meeting or Function	Purpose	\$	Claimed
5/25/2021	Budget Committee meeting	Approve budget	0.00	□ Yes X No
6/1/2021	Board Work session	Board Appts, WWSS, Water rate schedule	50.00	X Yes □ No
6/8/2020	WRWC	Spring meeting	50.00	X Yes □ No
6/16/2021	Board meeting	District Business	50.00	X Yes □ No
			\$150	□ Yes □ No
			OK to pay DCarper	□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No
				□ Yes □ No

ORS 198.190, "A member of the governing body of a district may receive, not to exceed \$50.00 for each day or portion thereof as compensation for services performed as a member of the governing body. Such compensation shall not be deemed lucrative. The governing body may provide for reimbursement of a member for actual and reasonable traveling and other expenses necessarily incurred by a member in performing official duties." Please note that in accordance with ORS 294.331 (3) members of the budget committee shall receive no compensation for their services as members of such committee.



Commissioner Dick Schmidt

Date	Meeting or Function	Purpose	\$	Claimed
06012021	Work session	Various. Flag guidance.	50	⊠ Yes □
		Ductal IP issues		No
06082021	Tom, Bernice.	Agenda planning	50	⊠ Yes □
				No
06162021	Regular board		50	⊠ Yes □
				No
		\$15	50	□ Yes □
		OK	to pay	No
		DC	arper	□ Yes □
				No
				□ Yes □
				No
				□ Yes □
				No

ORS 198.190, "A member of the governing body of a district may receive, not to exceed \$50.00 for each day or portion thereof as compensation for services performed as a member of the governing body. Such compensation shall not be deemed lucrative. The governing body may provide for reimbursement of a member for actual and reasonable traveling and other expenses necessarily incurred by a member in performing official duties." Please note that in accordance with ORS 294.331 (3) members of the budget committee shall receive no compensation for their services as members of such committee.

Debbie Carper

From: Bernice Bagnall

Sent: Wednesday, June 16, 2021 7:50 PM

To: Debbie Carper

Subject: Re: Meetings attended forms approval

I approve these meetings attended for the 4 commissioners.

Bernice Bagnall

From: Debbie Carper < Debbie. Carper@tvwd.org>

Sent: Wednesday, June 16, 2021 7:46 PM

To: Bernice Bagnall
 Subject: Meetings attended forms approval

Hi Commissioner Bagnall,

Could you please send me your email approval of the attached meetings attended forms?

Thank you!

Debbie Carper, MMC

District Recorder

1850 SW 170th Avenue, Beaverton, OR 97003 direct 503-848-3014 debbie.carper@tvwd.org www.tvwd.org

Tualatin Valley Water District

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