



Clackamas River Water

Monthly Update

May 2022



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Purchase Order Report- April 2022

Vendor: 00008 - CONSOLIDATED SUPPLY CO.

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0103	WATER WORKS MATERIAL	04/11/2022	7,061.52

Vendor: 01541 - HARRIS WORKSYSTEMS

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0107	ERGO & WORKSTATION EQUIPMENT	04/18/2022	1,531.40

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0108	ERGONOMIC ADJ FOR IT MANAGER	04/18/2022	795.62

Vendor: 01546 - CASCADE COLUMBIA DIST CO INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0105	SODA ASH - DENSE	04/14/2022	3,945.00

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0110	Sodium Hypochlorite 12.5% solution	04/27/2022	653.00

Vendor: 03283 - MINUTEMAN PRESS TEAM

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0106	PRINTING OF BACKFLOW TEST LETTER	04/14/2022	1,095.00

Vendor: 04138 - THE CHARLES MACHINE WORKS INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0109	REPAIR OF LOCATOR	04/19/2022	788.17

Vendor: 04320 - CHOWN INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0081	DOOR LOCK HARDWARE REPLACEMENTS	04/14/2022	16,720.28

Vendor: 04379 - GLOBAL MAINTENANCE & PAINTING

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
22-0104	PAINTING- WTP WING WALLS & PEELED AR	04/14/2022	4,800.00

Contracts Log

(Executed since last board meeting April 14, 2022)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Alexin Laboratories	Laboratory services- sample testing	NTE \$50,000	5/1/22	4/30/24	New
Bridgestone Tire	Tires & Service		4/13/22	3/31/24	In participation with the State of Oregon contract
Executive Security Services	Riverside Park Summer Patrol	NTE \$22,000	5/5/22	9/15/22	New
Executive Forum	Leadership Training/Coaching	NTE \$27,000	4/11/22	12/31/22	New
GT Excavating	On-Call Construction	NTE \$ 86,000	5/1/22	4/30/23	Amended to increase the NTE
Les Schwab	Tires & Service		4/13/22	4/13/26	In participation with the State of Oregon contract

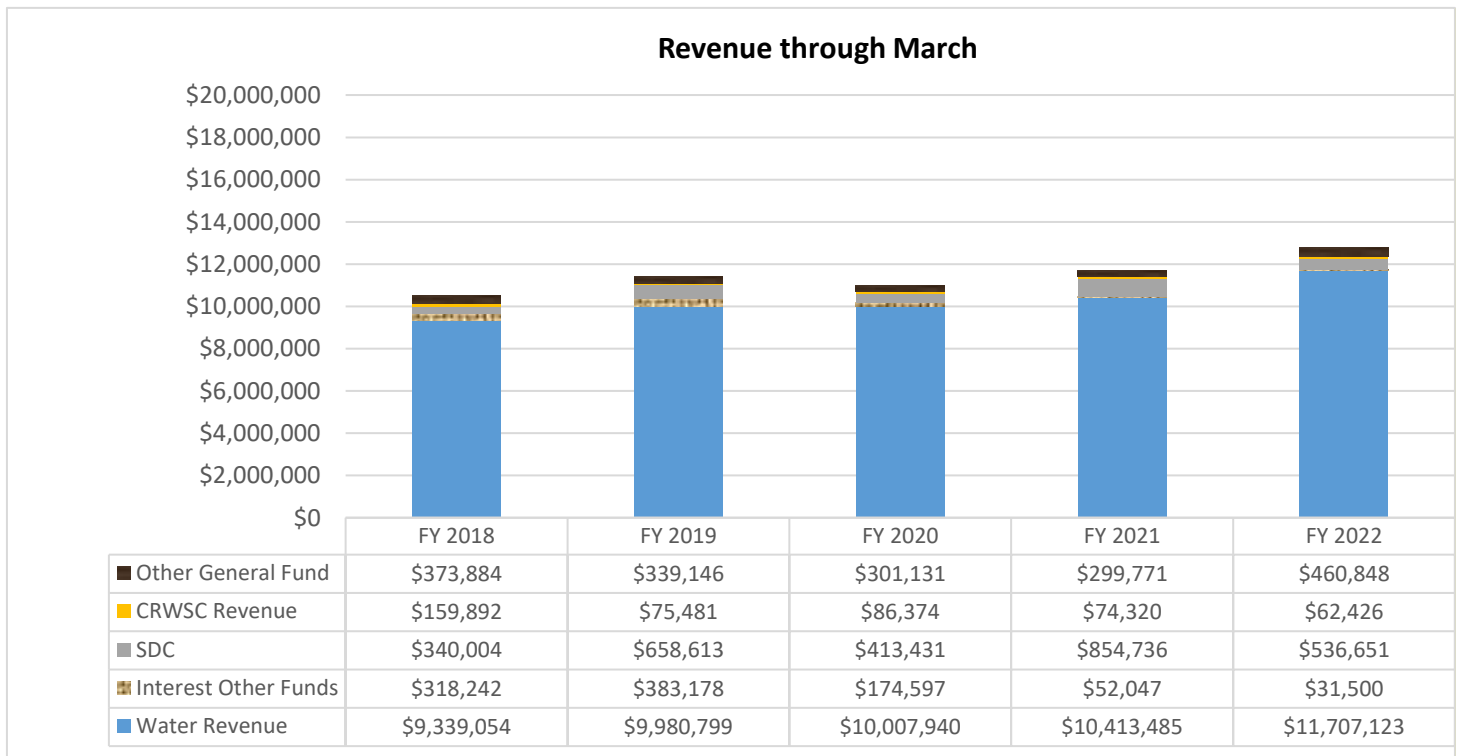
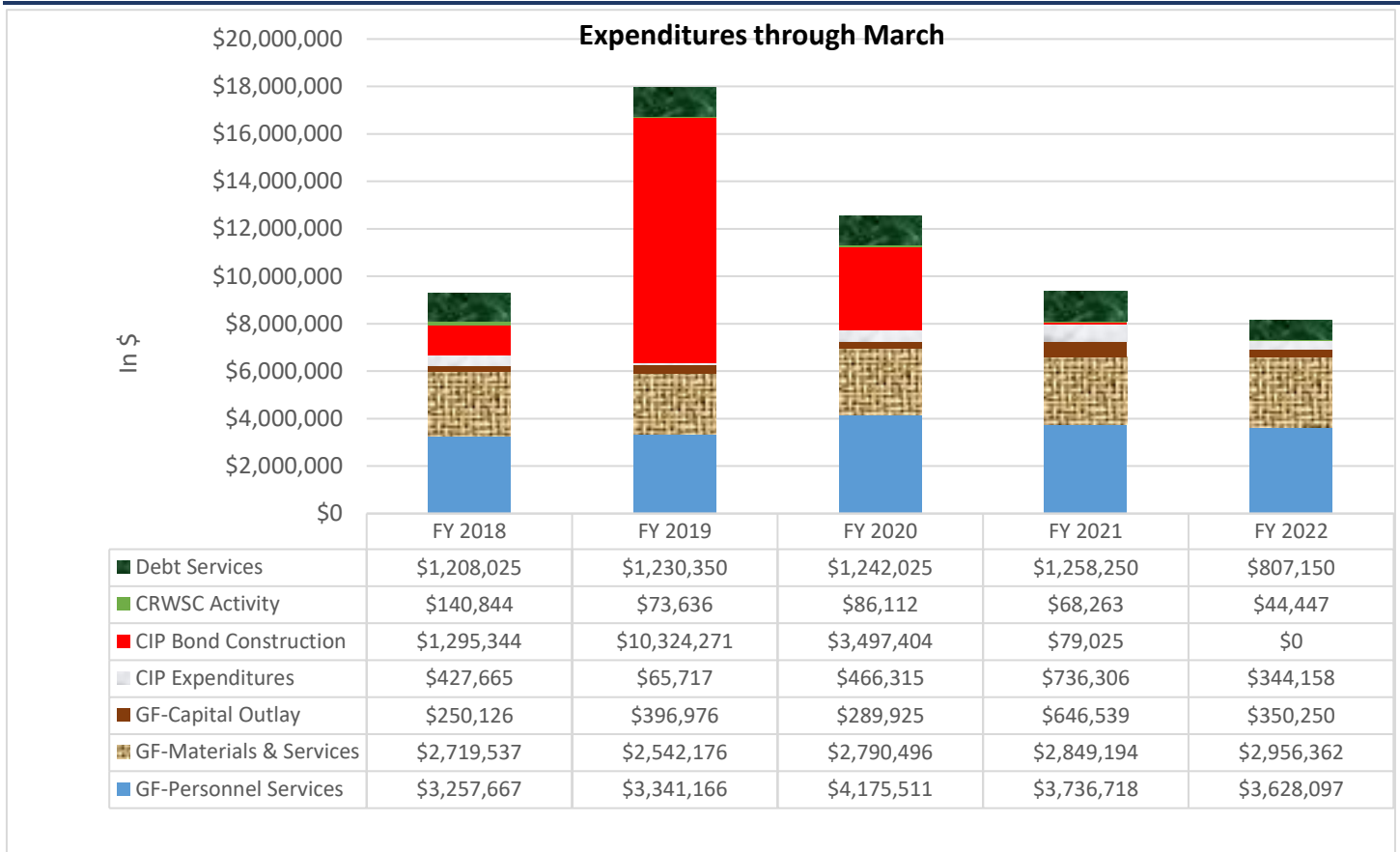
Summary of Legal

	<i>April 2022</i>
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer/Client Cost	\$
Sub-contracted legal services	\$ _____
Total Legal	\$ 4,240.00

Public Records Request Received

Number of Records Requests Received in April 2022 **0**

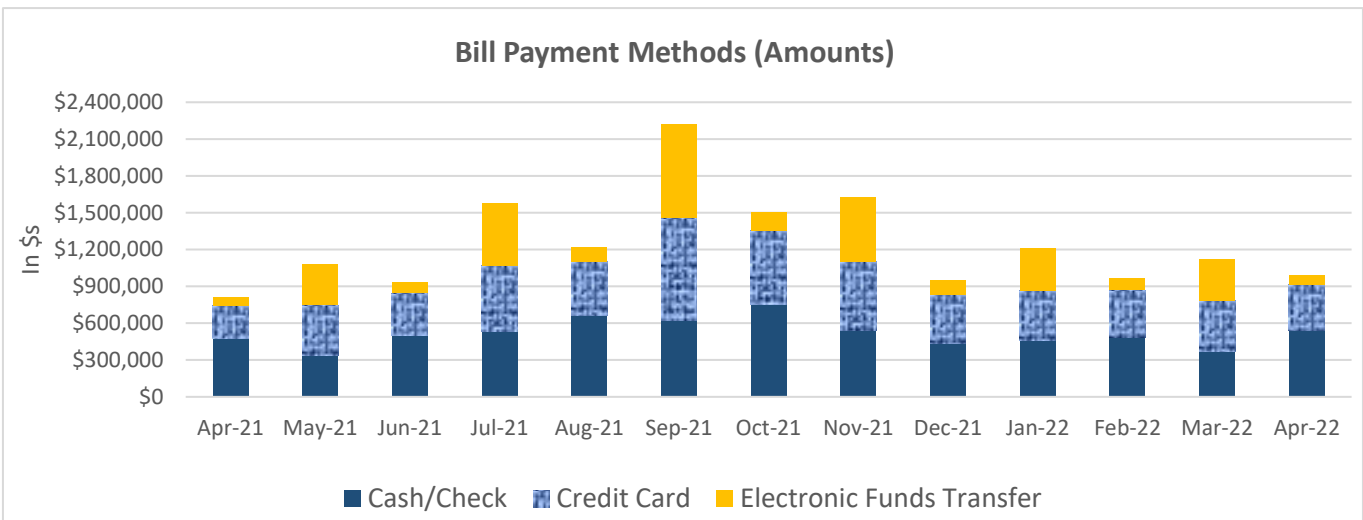
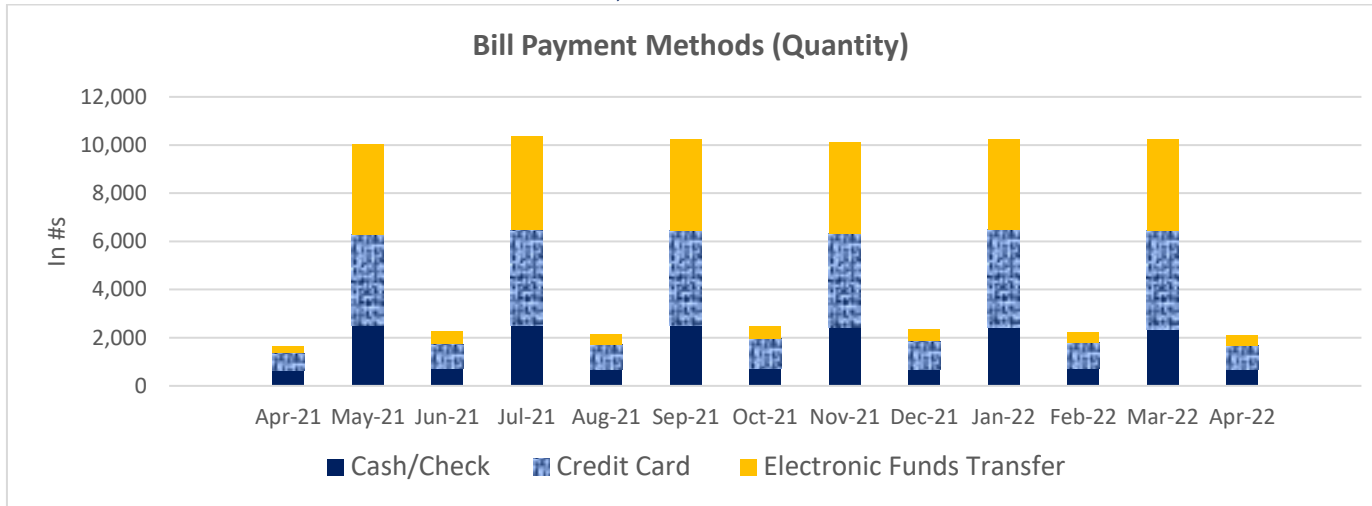
Financial Activity



1) Water revenue is up due to heat waves in June & Aug. causing greater water use for the summer billing cycles. 2) Other General Fund revenue is higher than average primarily due to receiving reimbursement for Ice Storm expenses from the state. 3) There are no costs for CIP Bond as that fund was closed out in FY 2021 but will be reported in the 5-year graph until 2026. 4) Personnel Services expenses were high in FY 2020 due to the payment of the PERS transitional liability.

(as of the end of April 2022)

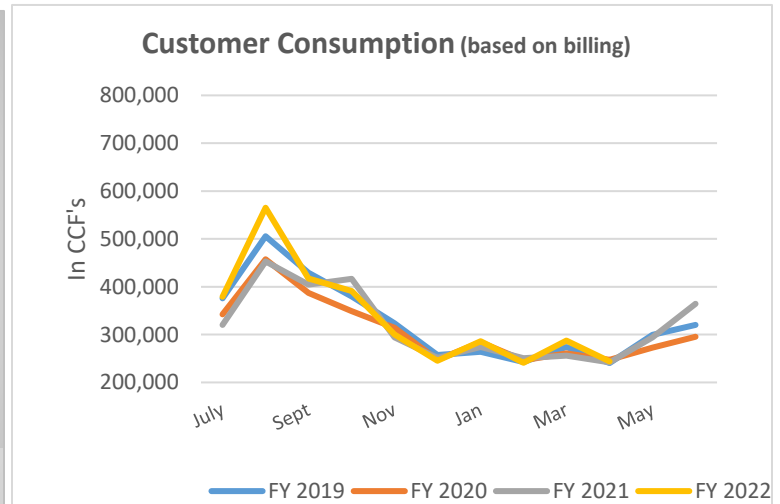
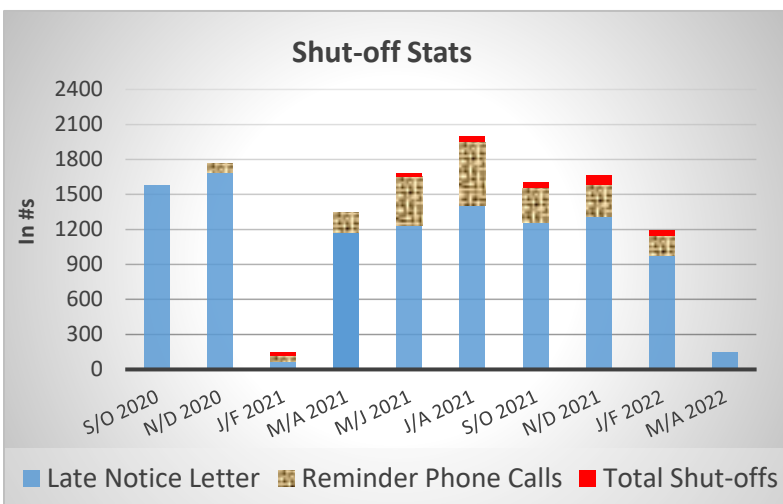
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



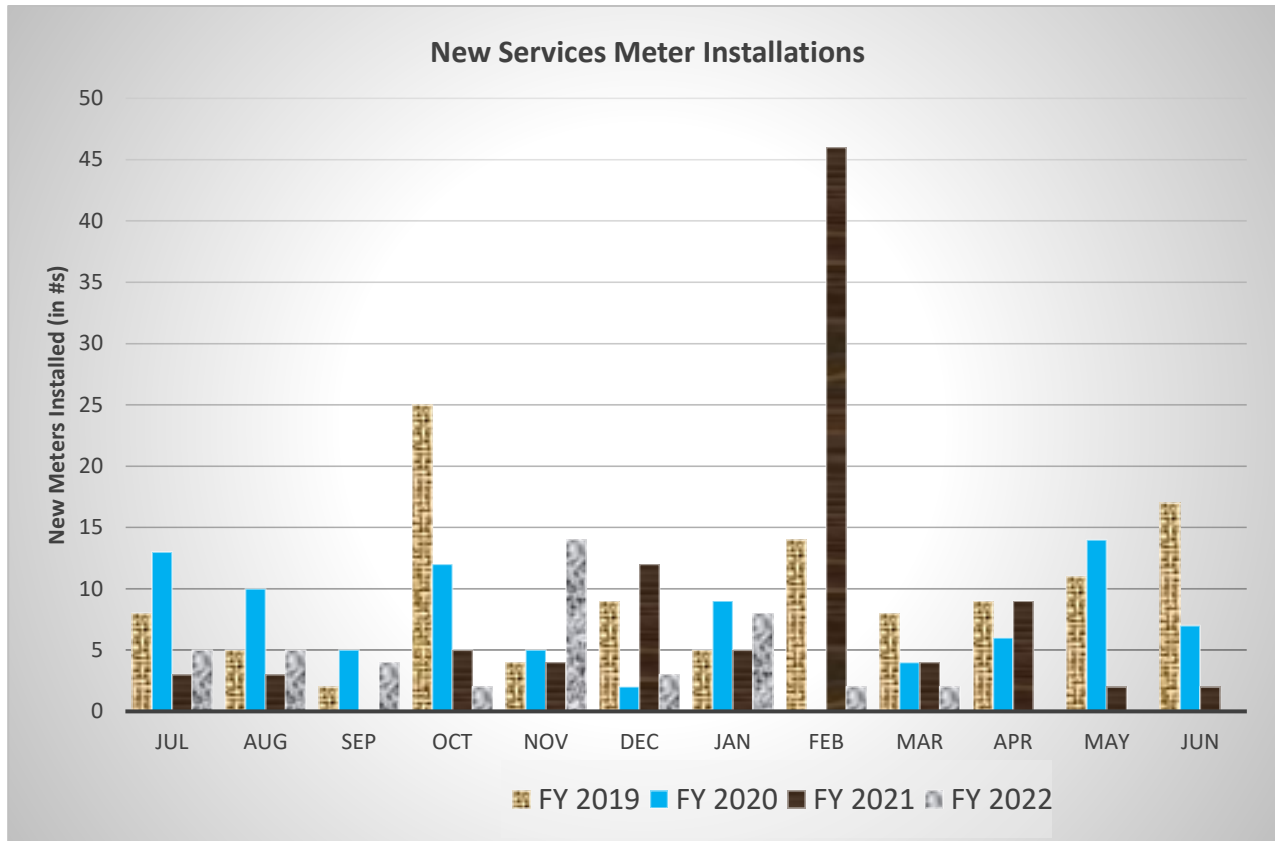
Cash/Check – Received via Lockbox, Counter

Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

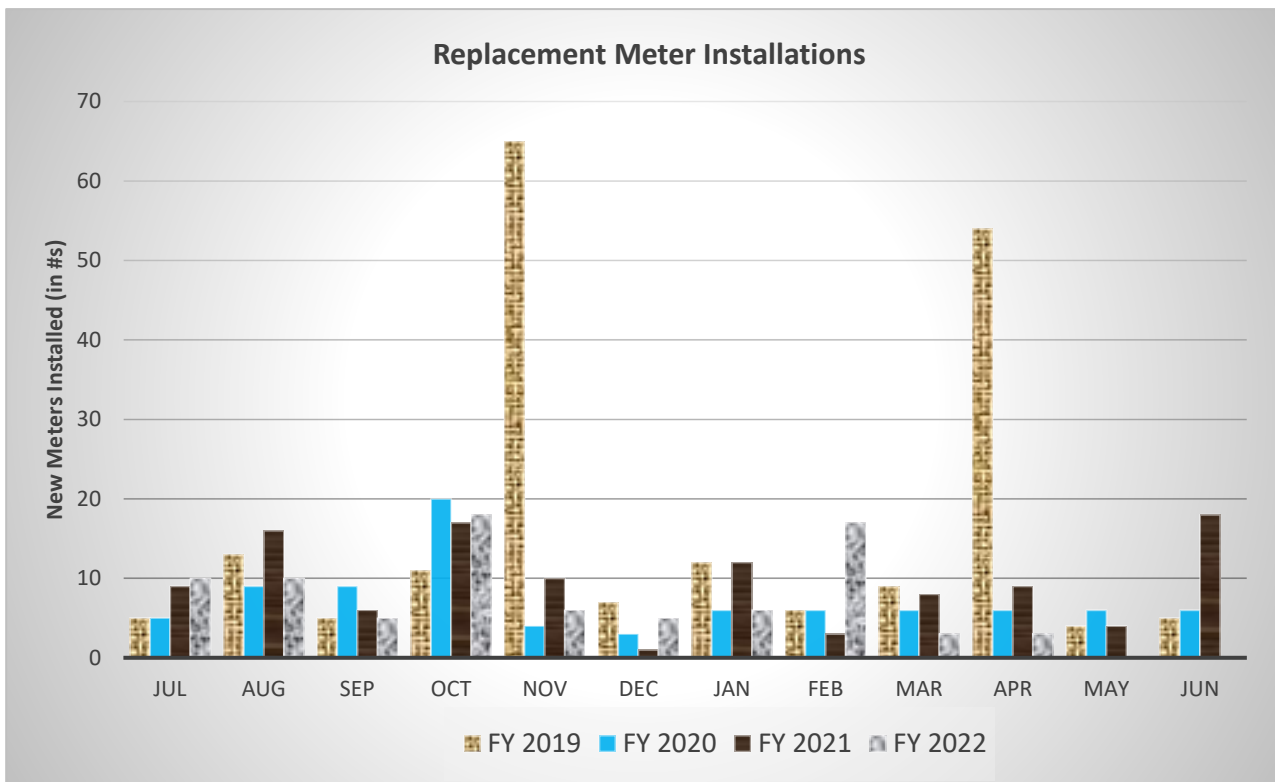
Electronic Funds Transfer – Received via Bank to Bank Transfer, Automatic Checking Withdrawal (RapidPay)



*Reminder Phone Calls are made during the even months. Shut offs occur the following month. **Jan/Feb late notice number is an estimate *No late notices Sept-Dec. '20; reinstated February and sent in May 2021



No new services for Feb. FY20, Sept. FY21, April F22



Annual 2022 Goal for Meter Replacement is 350- Year to date is 29

System Operations & Engineering

Operation Statistics

	Leak Repairs Made (all pipe sizes)	Leak Detection Completed (miles)	Hydrant Maintenance	Locate Requests	Valve Maintenance & Mapping	After-hours Callouts	Meter Maintenance Tasks	Cross Connection Inspections
April 2021	0	11.3	42	584	126	8	25	2
May 2021	0	9.1	27	457	48	7	27	2
June 2021	1	15.2	205	500	323	12	17	3
July 2021	1	6.3	110	450	24	5	200	5
Aug. 2021	0	3.7	160	472	4	0	100	0
Sep. 2021	2	10.82	156	524	0	8	74	1
Oct. 2021	1	17	12	398	18	4	25	14
Nov. 2021	3	0	0	331	0	5	64	1
Dec. 2021	2	0	98	285	6	8	2	0
Jan. 2022	1	0.0	14	370	1	19	63	0
Feb. 2022	3	0.0	50	387	19	2	23	7
Mar. 2022	3	0.0	20	516	1	7	24	1
April 2022	0	0.0	35	410	20	5	20	0
Total 2022 year to Date	7	0.0	119	1683	41	33	130	8
2022 Annual Goal	N/A	120.0	1,120	N/A	500	N/A	N/A	96

Note - Annual maintenance goals are established based on several criteria including; AWWA Best Management Practices, identified system priority maintenance and repair focus needs, and internal/external project forecasts.

Project Updates

Private Development Projects

Private Project Tracking – May 2022

Project No.	Name	Description	Phase	Status
16-5205 Private	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	Punch list underway.
19-5240 Private	Home2 Suites	12" main for 101-unit hotel, 4" meter	Const.	As-builts in progress.
19-5252 Private	Heirloom Apartments	8" & 12" mains for 286-unit apartments, (4) 3" meters, (7) 2" meters	Const.	Punch list underway.
19-5254 Private	D St. Improvements	Road Extension with utilities (at Fuller P&R)	Const.	Punch list underway.
19-5255 Private	Fuller Station Affordable Housing	100-unit Multi-family housing, 4" meter	Const.	Punch list underway.
19-5256 Private	Residence Inn by Marriot	117-unit Hotel at Clackamas Town Center, 4" meter	Const.	As-builts in progress.
20-5262 Private	Bonaventure Senior Living	6" fire service and 3" meter	Const.	No activity.
20-5272 Private	Elite Motors	8" Main and 1" Meter	Design	No activity.
21-5283 Private	NCSD Facility	1 - 6" Fire Service 3 - domestic meters	Const.	Punch list underway.
21-5284 Private	Quail Park	15 lot subdivision in Milwaukie	Const.	Construction begins.
14-5169 Private	Church of Portland	6" Fire Service and 2" domestic meter	Const.	Punch list underway.
21-5285 Private	130 th Industrial Park	3-fire services 3-commercial services	Const.	Construction scheduled for late summer.
18-5288 Private	Copper Heights	Residential 30 lot subdivision	Design	Plan review.

Project
Updates

Capital Project Tracking

(as of end of March 2022)

Capital Project Tracking

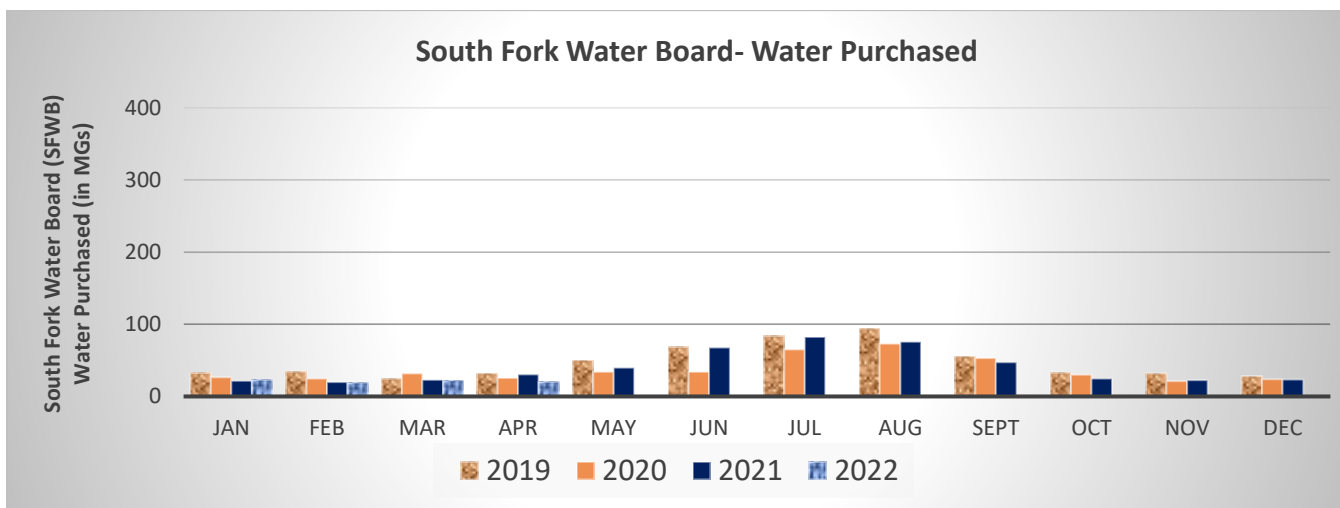
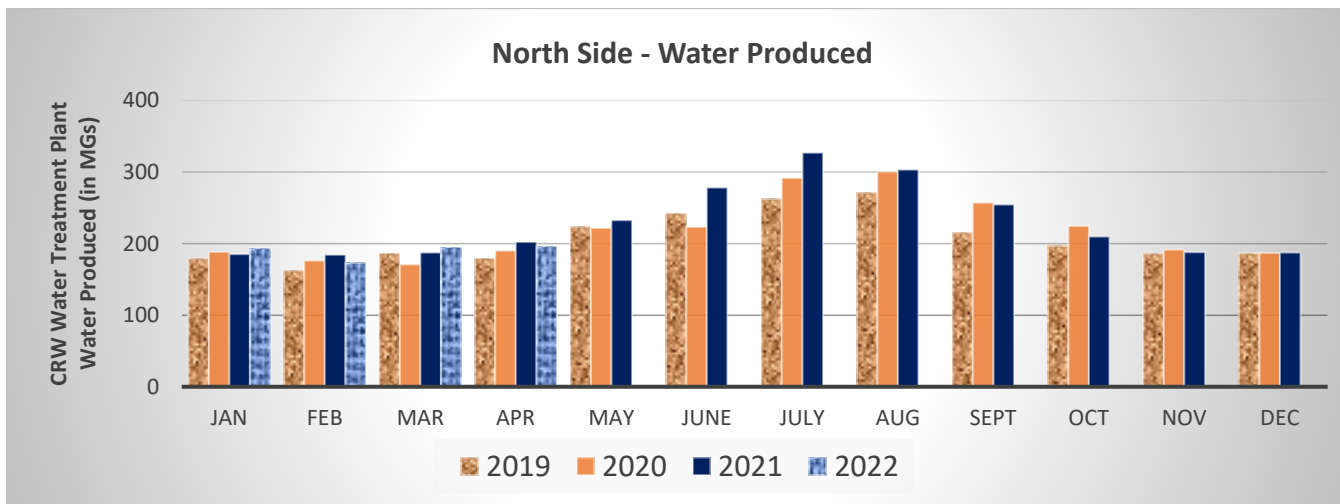
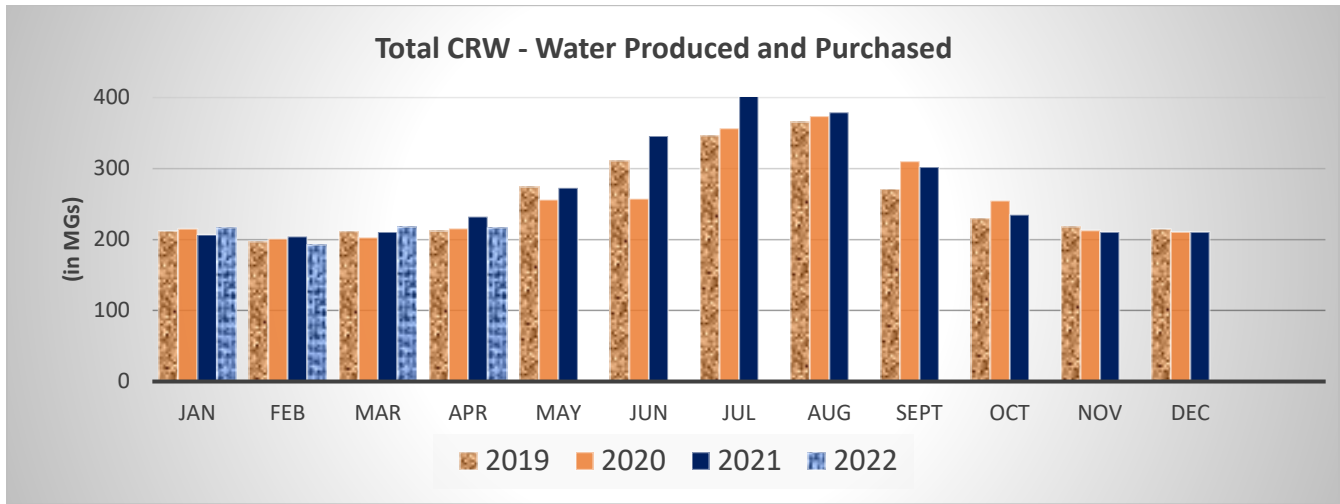
Project No.	Name	Total Budget BN 2021-23	Total to Date* (Thru last Month)	Remaining Budget	Status
5274	ODOT/City/Clackamas County DTD	\$250,000	\$5,619	\$244,381	Utility Coordination.
5275	Athens Drive Waterline	\$641,000	\$342,695	\$298,305	Anticipate completion in the first week of May.
5276	Fawn Ct. Waterline	\$277,000	\$0	\$277,000	No Activity.
5277	Leland Road Master Meter	\$493,000	\$0	\$493,000	No Activity.
5273	Redland Rd. Waterline Phase 1	\$1,080,000	\$3,622	\$1,076,378	Design in progress.
5270	Linwood Road Improvements	\$328,000	\$180,757	\$147,243	Preparing IGA with County.
5278	Monroe Street Improvements	\$940,000	\$721	\$939,279	Received concept plan from County.
5279	Maple Lane Road Waterline	\$846,000	\$45,925	\$800,075	Design in progress.
5280	Pump Station Chlorine	\$168,000	\$1,940	\$166,060	Study Phase.
5281	WTP Polymer Feed System	\$476,000	\$0	\$476,000	No Activity.
5282	WTP Filter Valve Replacement	\$692,000	\$5,945	\$686,055	Design in progress.
5253	82nd Dr. Waterline - Phase 1 (Carryover)	\$97,000	\$46,974	\$50,026	Complete.
5287	90th St PS Electrical		\$55,825	(\$55,825)	Complete.
5243	CRC Mobility Improvements		\$3,285	(\$3,285)	Complete.
	Totals	\$6,288,000	\$693,308	\$5,597,977	

Notes:

* Includes all costs through all project phases (planning, design, construction), spanning multiple fiscal periods as applicable.

Water Distribution Charts

(as of the end of April 2022)



Regulatory

All 73 samples collected and analyzed for the April monitoring period showed no presence of coliform/*E. coli* bacteria.

Quarterly Disinfection By-Product sampling was conducted at 4 locations in the North Service Area and 4 locations in the South Service Area distribution systems.

Non-Regulatory

General water quality parameters (pH, temperature, chlorine, TDS, hardness, alkalinity) were collected for the distribution system at 16 locations in the North and South systems.

Monthly watershed sampling was conducted at 4 long-term sampling locations for total organic carbon, nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc), coliform density, pH, dissolved oxygen, TDS, temperature, and volatile organic carbon compounds (VOCs, 21 regulated for drinking water, 36 unregulated).

Quarterly sampling was conducted in raw water at the treatment plant intakes for inorganic compounds, including metals, synthetic inorganic chemicals (SIOCs, 29 regulated for drinking water, 5 unregulated), and synthetic organic chemicals (SOCs, 29 regulated, 14 unregulated).

- As of May 1st, the **Willamette basin snowpack was 145% of median**. This is significantly higher than last month when the Willamette basin snowpack was 69% of median.
- **Basin precipitation in April was 161% of median**, and since the beginning of the water year (October 1 – May 1) has been 97% of median.
- The May through September **streamflow forecasts in the Clackamas River at Estacada is 117% of median**.
- **The three-month outlook** from the NOAA Climate Prediction Center calls for elevated chances of below normal precipitation, and elevated chances of above normal temperatures for areas east of the Cascade crest in Oregon.

