



Clackamas River Water

Monthly Update

June 2022



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Purchase Order Report- May 2022

Purchase Order Report - May 2022

Vendor: 00165 - UNIVAR SOLUTIONS USA INC

PO #	Description	Date	Total Amount
22-0115	CALCIUM HYPOCHLORITE TABLETS_ 3-INCH	05/23/2022	2,332.00

Vendor: 00193 - ABC FIRE EXTINGUISHER INC

PO #	Description	Date	Total Amount
22-0112	2022 CRW FIRE EXTINGUISHERS ANNUAL IN	05/10/2022	1,940.00

Vendor: 00552 - OREGON IRRIGATION

PO #	Description	Date	Total Amount
22-0116	CRW 2022 ANNUAL FACILITIES BACK FLOW	05/24/2022	1,080.00

Vendor: 02837 - TAURUS POWER & CONTROLS INC

PO #	Description	Date	Total Amount
22-0118	REPLACE DRIVE FOR HIGH LIFT PUMP 4	05/31/2022	53,941.00

Vendor: 03319 - C & R REFORESTATION

PO #	Description	Date	Total Amount
22-0111	FACILITIES WEED CONTROL - EMERGENT S	05/05/2022	6,646.00

Vendor: 04138 - THE CHARLES MACHINE WORKS INC

PO #	Description	Date	Total Amount
22-0109	REPAIR OF LOCATOR	05/16/2022	1,054.97
22-0109	REPAIR OF LOCATOR	05/16/2022	1,054.97

Vendor: 04379 - GLOBAL MAINTENANCE & PAINTING

PO #	Description	Date	Total Amount
22-0104	PAINTING- WTP WING WALLS & PEELED ARE	05/13/2022	7,950.00

Vendor: 04379 - GLOBAL MAINTENANCE & PAINTING

PO #	Description	Date	Total Amount
22-0117	PAINTING WTP PIPE GALLERY STAIRS W/SA	05/25/2022	1,200.00

Vendor: 04381 - CORRECT EQUIPMENT INC

PO #	Description	Date	Total Amount
22-0113	PLUGS , RECEPTACLE AND SPLICE KITS	05/12/2022	1,000.00

Vendor: 04383 - FORENSIC BUILDING CONSULTANTS

PO #	Description	Date	Total Amount
22-0114	FORENSIC WATER INTRUSION SPECIALIST	05/23/2022	6,540.00

Contracts Log

(Executed since last board meeting May 12, 2022)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Core & Main	Water works supplies	NTE \$74,500	11/1/21	12/31/22	Amended to increase the NTE amount
Meterreaders, LLC	Meter Reading Services	NTE \$75,000	7/1/22	6/30/24	New Contract
River City Environmental	Vactron truck services	NTE \$90,000	8/13/20	8/12/22	Amended to increase the NTE Board Approved 5/14/22

Summary of Legal

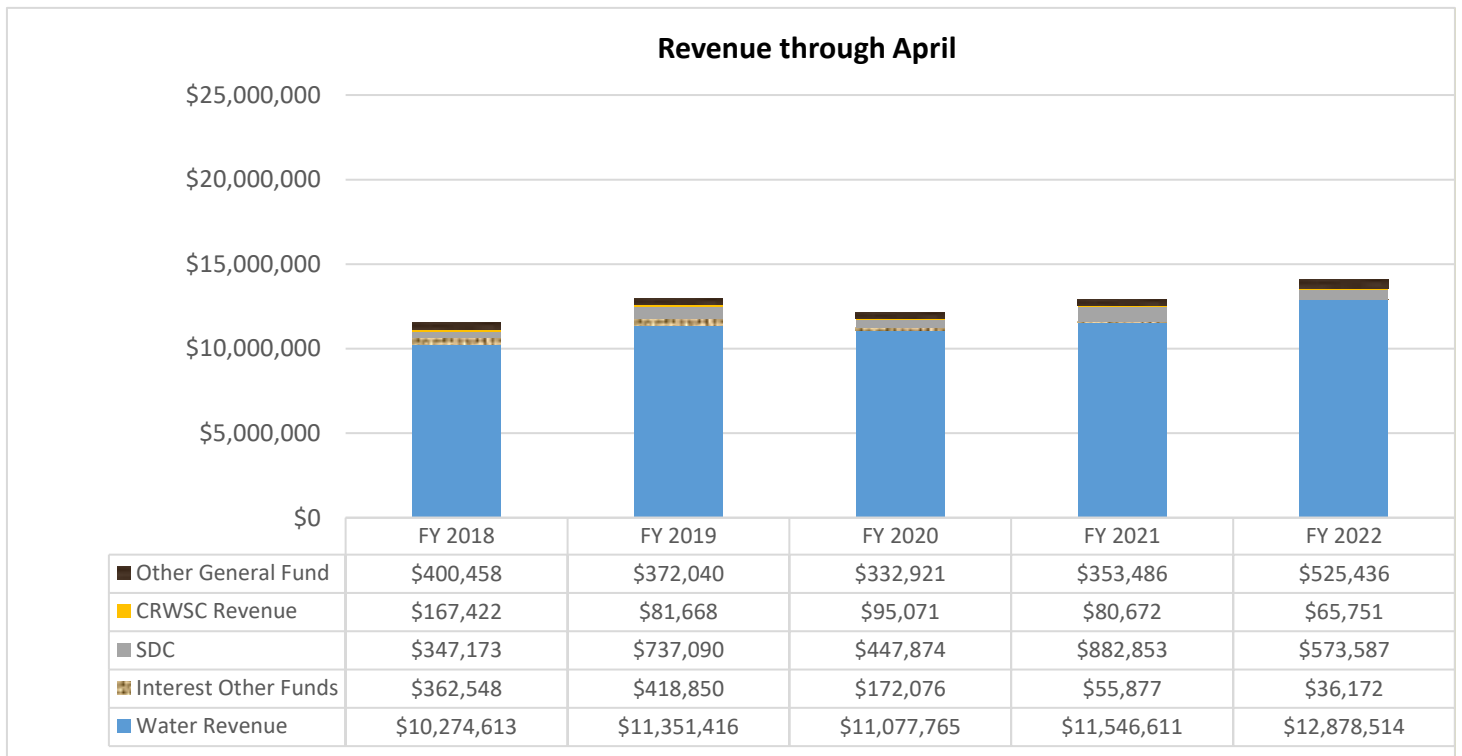
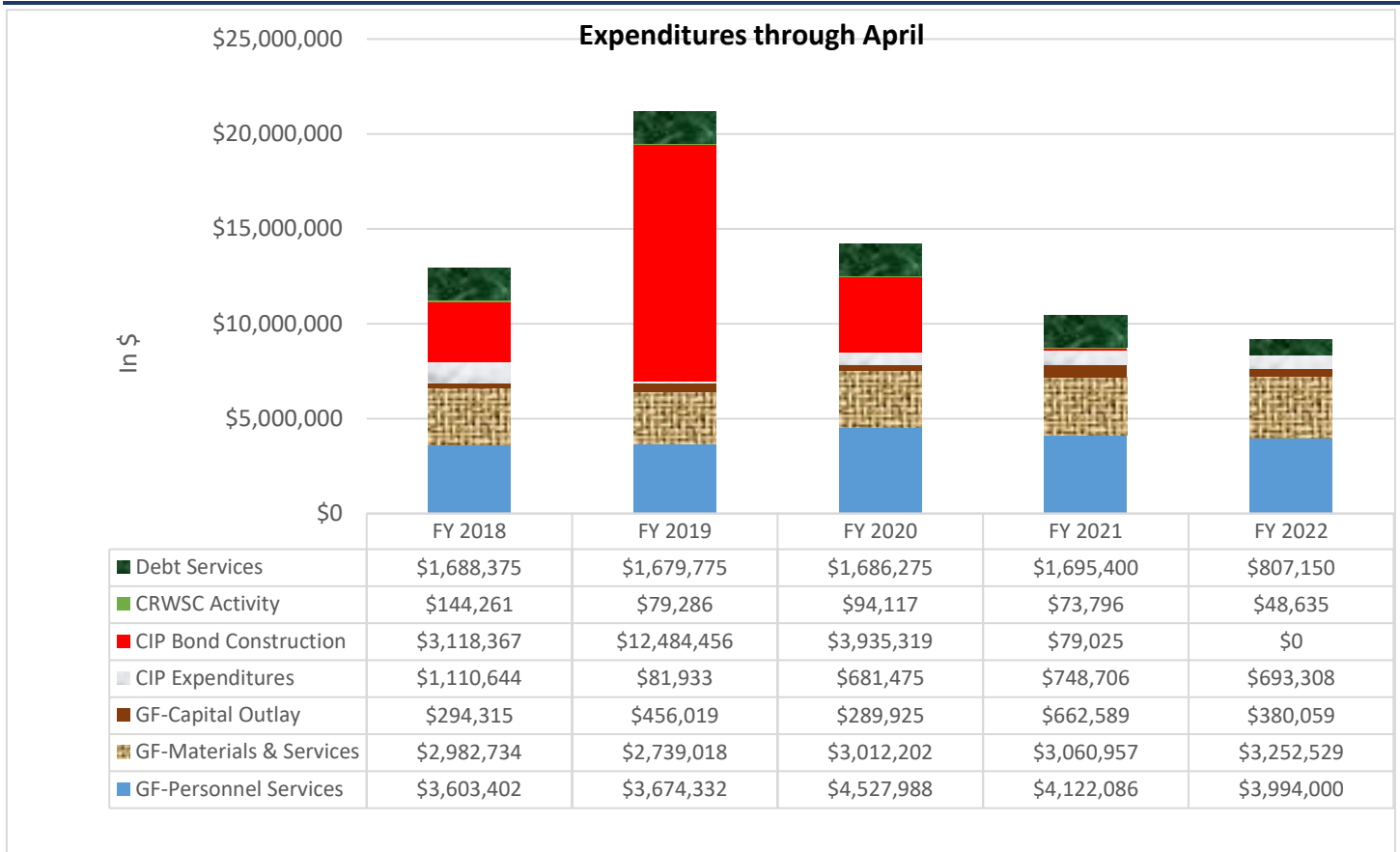
May 2022

Harrang Long Gary Rudnick monthly retainer	\$ 4,244.33
Harrang Long Gary Rudnick work outside of retainer/Client Cost	\$
Sub-contracted legal services	\$ _____
Total Legal	\$ 4,244.33

Public Records Request Received

Number of Records Requests Received in May 2022 **2**

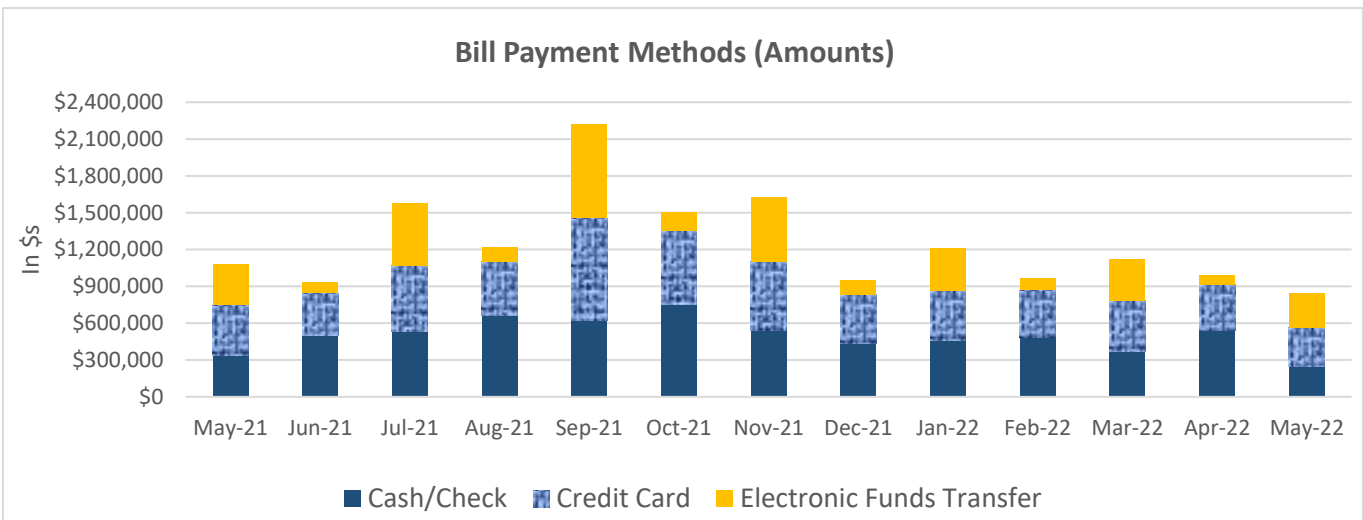
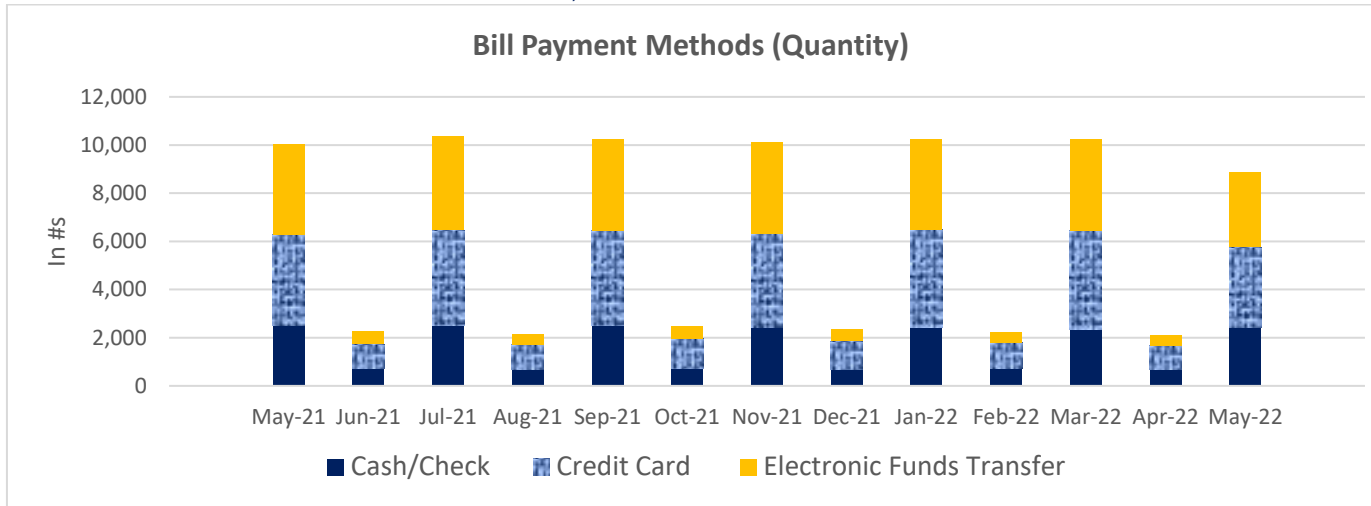
Financial Activity



1) Water revenue is up due to heat waves in June & Aug. 2021 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 May 2022)

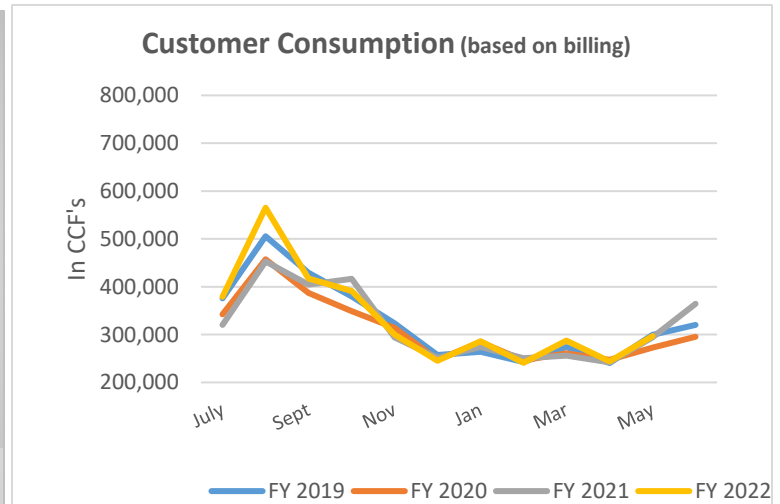
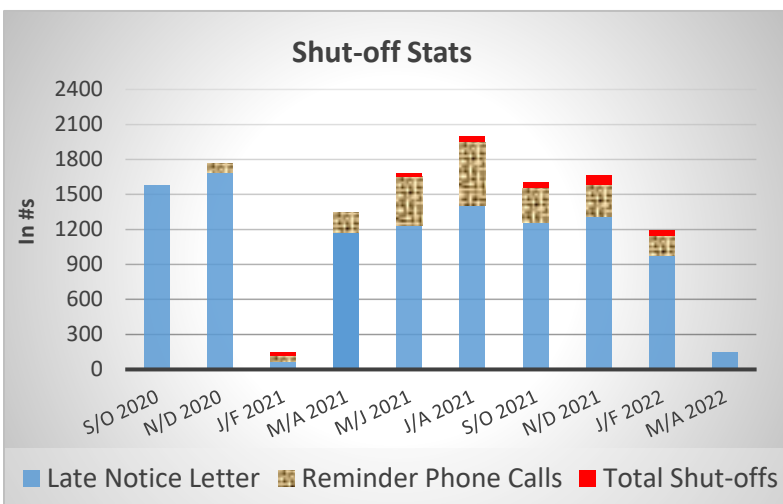
Residential Customers are billed on even months, Commercial Customers are billed on odd months.



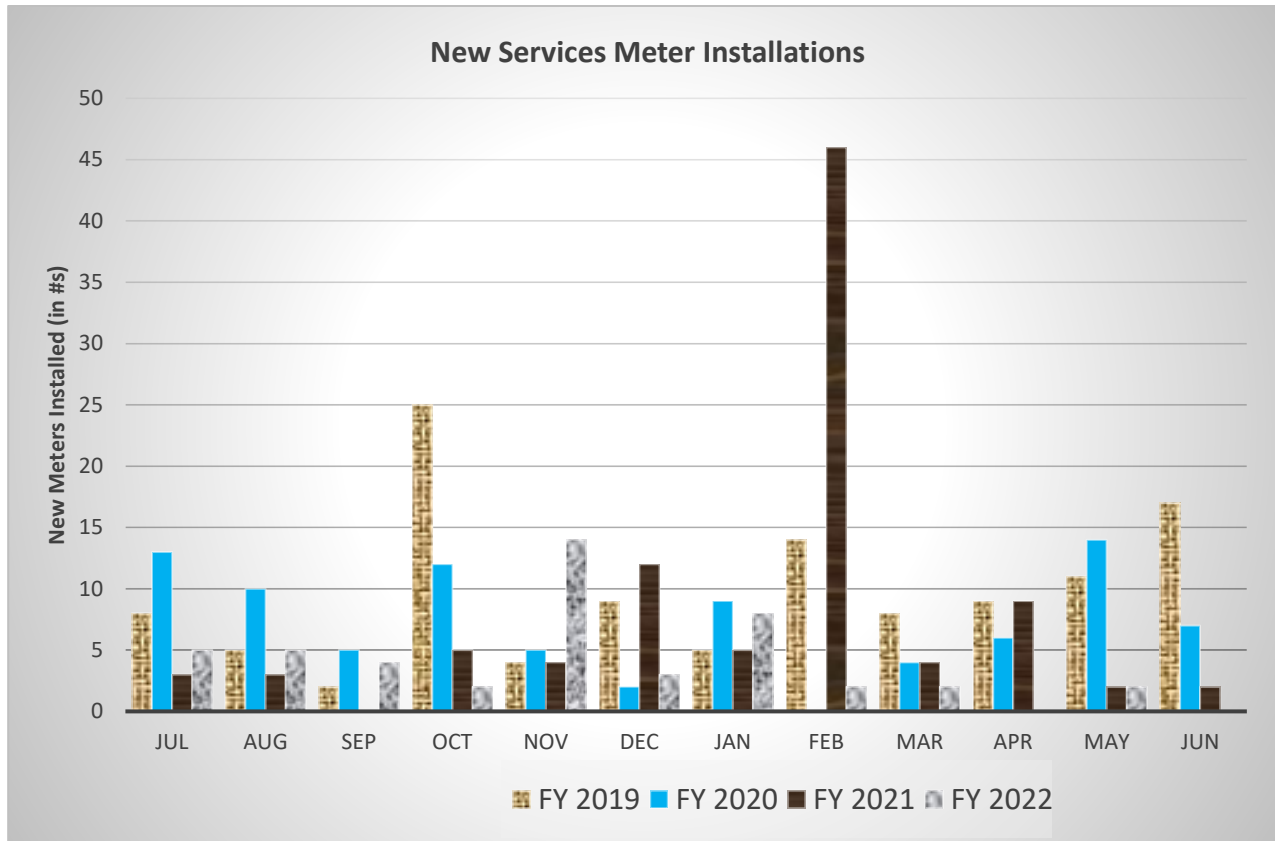
Cash/Check – Received via Lockbox, Counter

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

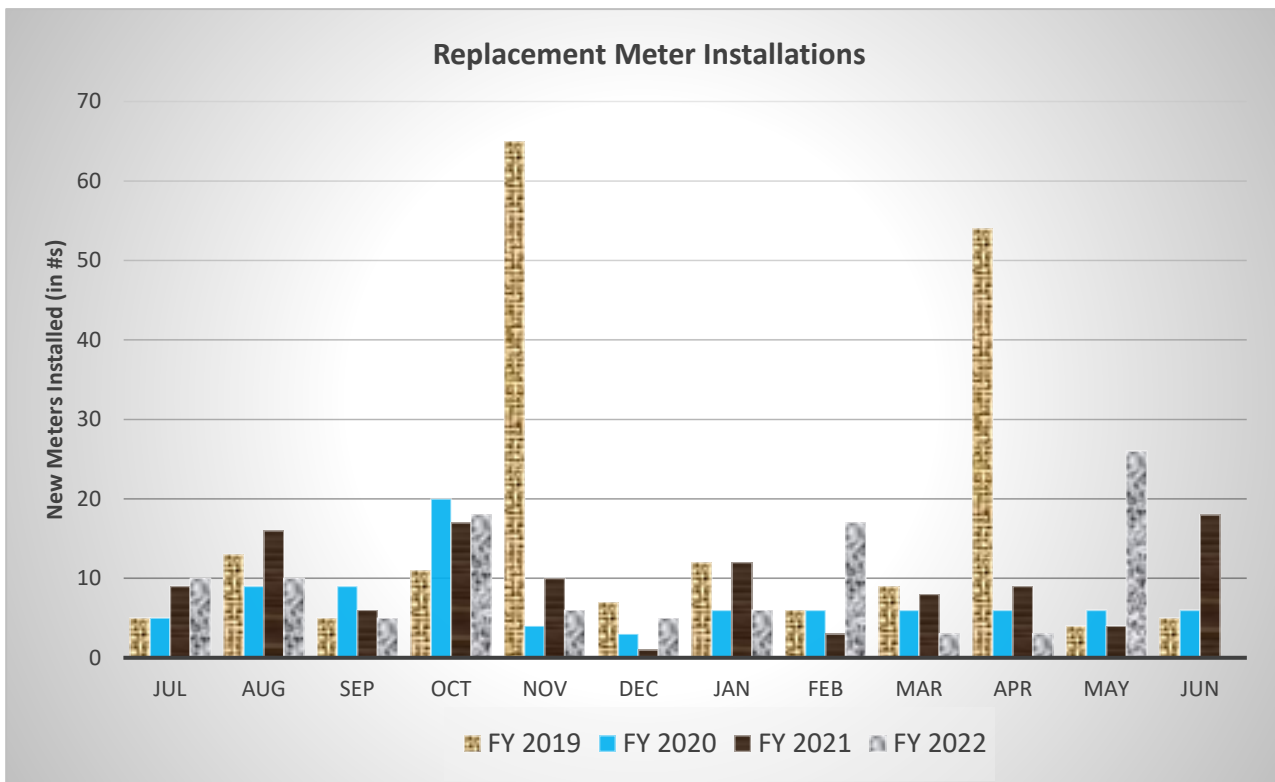
Electronic Funds Transfer – Received via Bank to Bank Transfer, Automatic Checking Withdrawal (RapidPay)



*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 55

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
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
May 2022	1	0.0	93	437	49	4	43	1
Total 2022 year to Date	8	0.0	212	2120	90	37	173	9
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 – June 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.	As-builts 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 in progress.
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

Capital Project Tracking

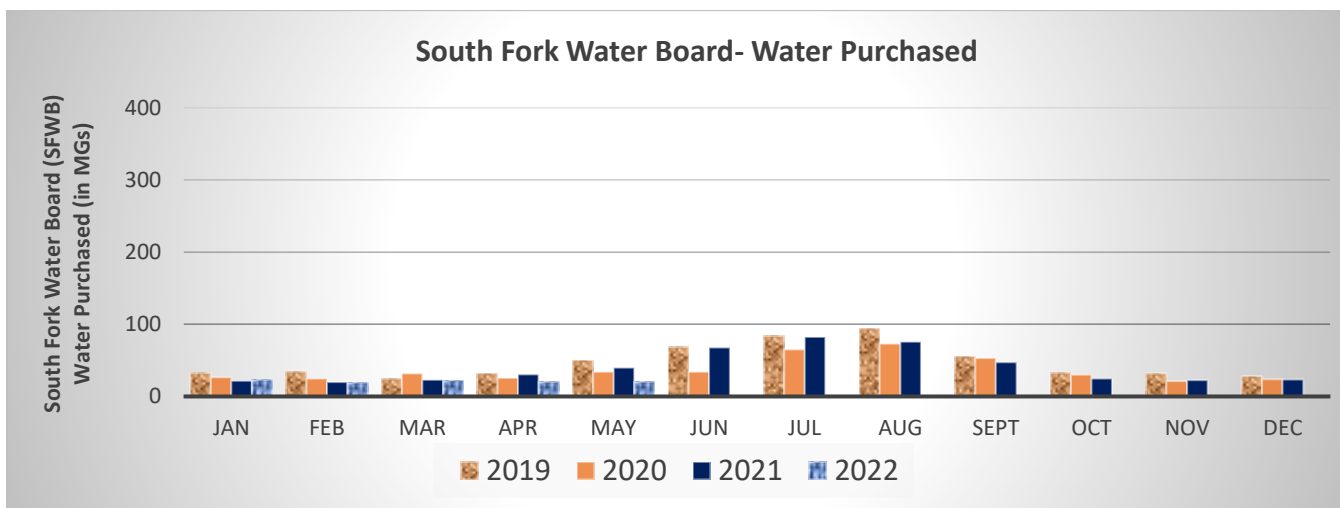
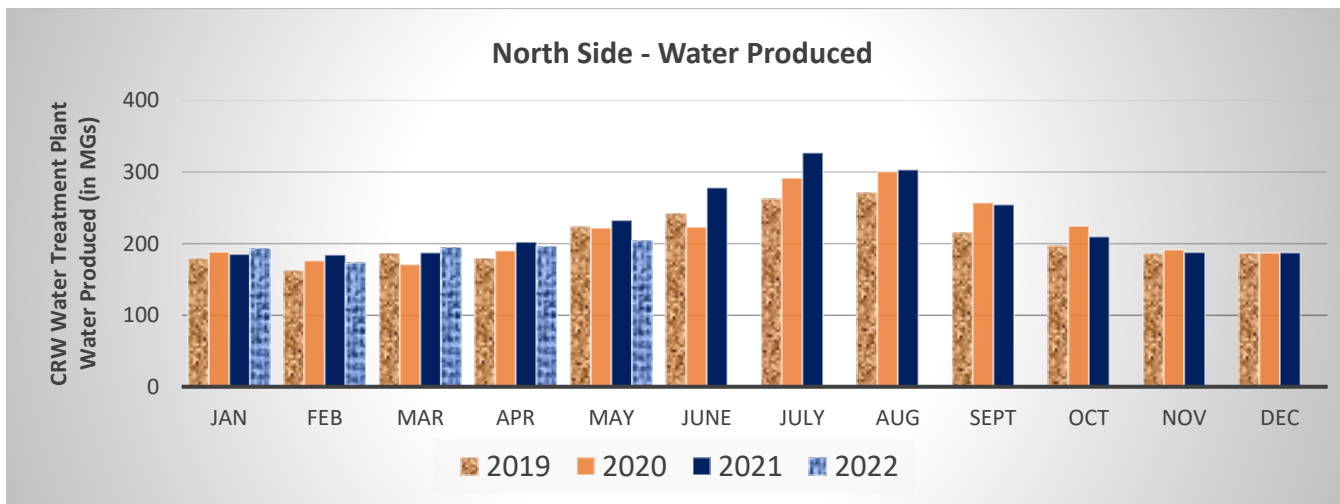
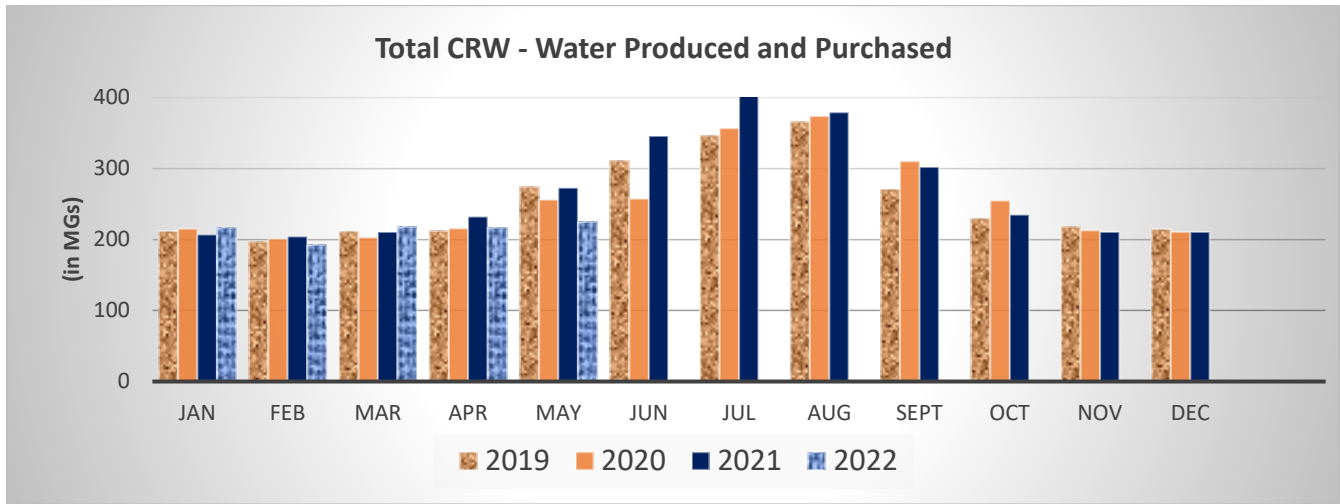
Project No.	Name	Total Budget BN 2021-23	Total to Date* (Thru last Month)	Remaining Budget	Status
5274	ODOT/City/Clackamas County DTD	\$250,000	\$5,619	\$244,381	No Activity.
5275	Athens Drive Waterline	\$641,000	\$342,695	\$298,305	Project closeout in progress
5276	Fawn Ct. Waterline	\$277,000	\$0	\$277,000	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	\$181,650	\$146,350	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. Tentative bid mid-June.
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	Preparing to purchase valves and accessories.
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	\$694,201	\$5,597,084	

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 May 2022)



Regulatory

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

Cyanotoxin Testing

Microcystin and Cylindrospermopsin sampling of our raw water began in May and occurs every two weeks for compliance.

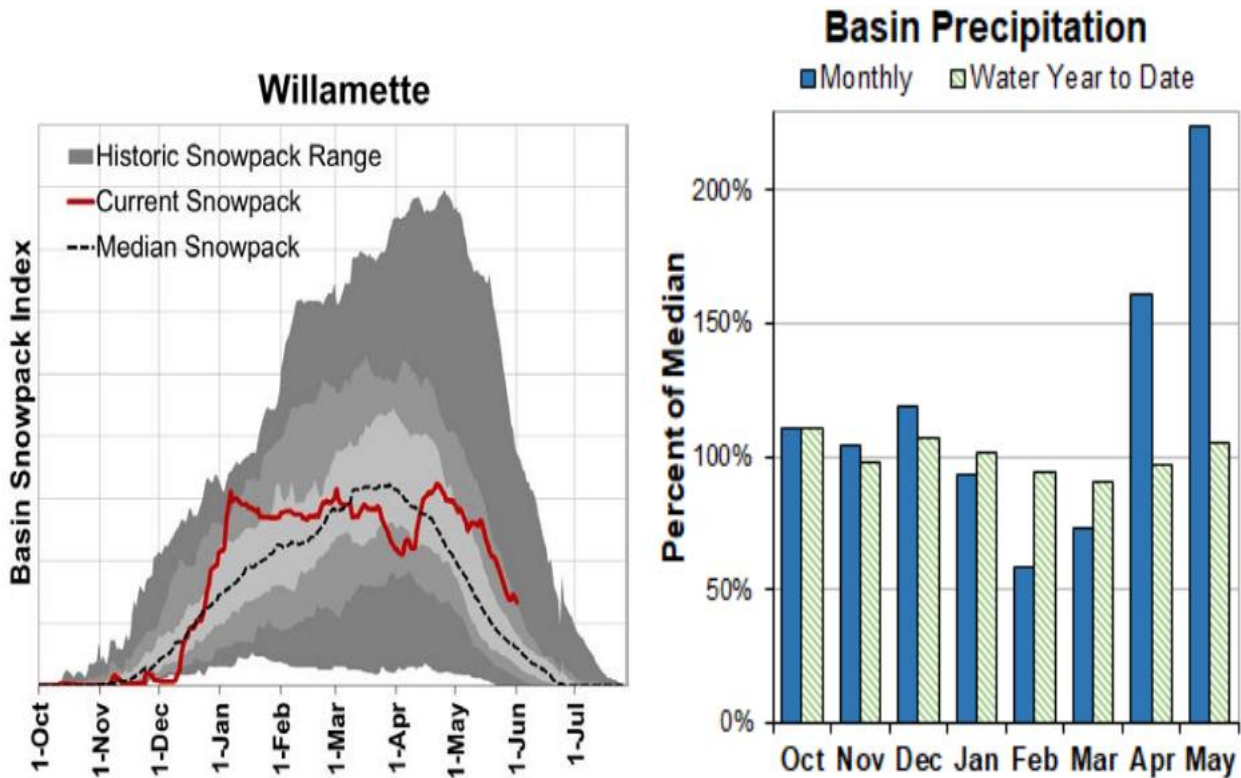
No cyanotoxins were detected in our raw water in May.

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, and temperature. Raw water at our intakes was also tested for giardia and cryptosporidium.

- As of June 1st, the **Willamette basin snowpack continues to rapidly melt-out**. Snowpack is 28% of the peak (Apr. 21) and 51% of the median peak (Mar. 28).
- **Basin precipitation in May was 224% of median**, and since the beginning of the water year (October 1 - June 1) has been 105% of median.
- The June through September **streamflow forecast in the Clackamas River at Estacada is 128% 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 much of Oregon.



- As of June 5th, the discharge of the Clackamas River near Oregon City is around the 78th percentile. At around 4560 cfs (cubic feet per second) the flow is **147% of median**.
- The near-term climate outlook for the next 8 – 14 days indicates probabilities favoring **above-average precipitation** and **below-average temperatures** throughout the state.

