



Clackamas River Water

Monthly Update

July 2022



- Monthly Update 3
 - Purchase Order Report..... 3
 - Contracts Log..... 4
 - Summary of Legal..... 4
 - Public Records Request Received 4
 - Financial Reports..... 5
 - Statistics 6
 - Activity Reports 7
- System Operations 8
 - Operation Statistics..... 8
 - Project Updates..... 9 -10
- Water Resources & Water Quality 11
 - Water Distribution Charts 11
 - Sampling Reports 12
 - Regulatory 12
 - Non-Regulatory 12
 - River Conditions 13

Purchase Order Report- June 2022

Purchase Order Report - June 2022

Vendor: 00165 - UNIVAR SOLUTIONS USA INC

PO #	Description	Date	Total Amount
22-0120	ASCORBIC ACID - AKA VITAMIN C	06/02/2022	3,341.70

Vendor: 00223 - ESRI INC.

PO #	Description	Date	Total Amount
22-0125	ESRI - SMALL UTILITY ENTERPRISE LICEN	06/27/2022	25,000.00

Vendor: 01546 - CASCADE COLUMBIA DIST CO INC

PO #	Description	Date	Total Amount
22-0121	SODA ASH - DENSE	06/14/2022	4,760.00

Vendor: 01681 - ADVANCED AMERICAN CONSTRUCTION

PO #	Description	Date	Total Amount
22-0122	REMOVE TREE & DEBRIS FROM WTP INTA	06/15/2022	5,900.00
22-0122	REMOVE TREE & DEBRIS FROM WTP INTA	06/15/2022	3,750.00

Vendor: 03212 - EVOQUA WATER TECHNOLOGIES, LLC

PO #	Description	Date	Total Amount
22-0123	ANNUAL DI SYSTEM MAINTENANCE AGREI	06/16/2022	3,897.00

Vendor: 04147 - CITY WIDE TREE SERVICES INC

PO #	Description	Date	Total Amount
22-0126	TREE REMOVAL	06/30/2022	5,400.00

Vendor: 04386 - SWIFTCOMPLY US OPCO INC

PO #	Description	Date	Total Amount
22-0119	XC2 SOFTWARE	06/02/2022	2,568.00

Vendor: 04389 - OREGON METER REPAIR & WATER

PO #	Description	Date	Total Amount
22-0124	LARGE METER TESTING	06/22/2022	6,450.00

Contracts Log

(Executed since last board meeting June 9, 2022)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
AKS Engineering	On-call Surveying	NTE \$75,000	7/1/22	6/30/24	Extended and amended to increase the NTE
Compass Land Surveyors	On-call Surveying	NTE \$75,000	7/1/22	6/30/24	Extended and amended to increase the NTE
Ferguson Waterworks	Waterworks Supplies	NTE \$75,000	12/1/21	11/30/22	Increased the NTE
First Response	Security Services	NTE \$55,000	7/1/22	6/30/23	New
Harper Houf Peterson Righellis	On-call Surveying	NTE \$75,000	7/1/22	6/30/24	Extended and amended to increase the NTE
S2 Contractors, Inc.	Paving Services	NTE 75,000	6/14/22	6/14/23	Extended (participating in the City of Lake Oswego Contract)
Wilson-Heirgood	Safety Coordinator Services	NTE \$6,000	7/1/22	6/30/23	Extended

Summary of Legal

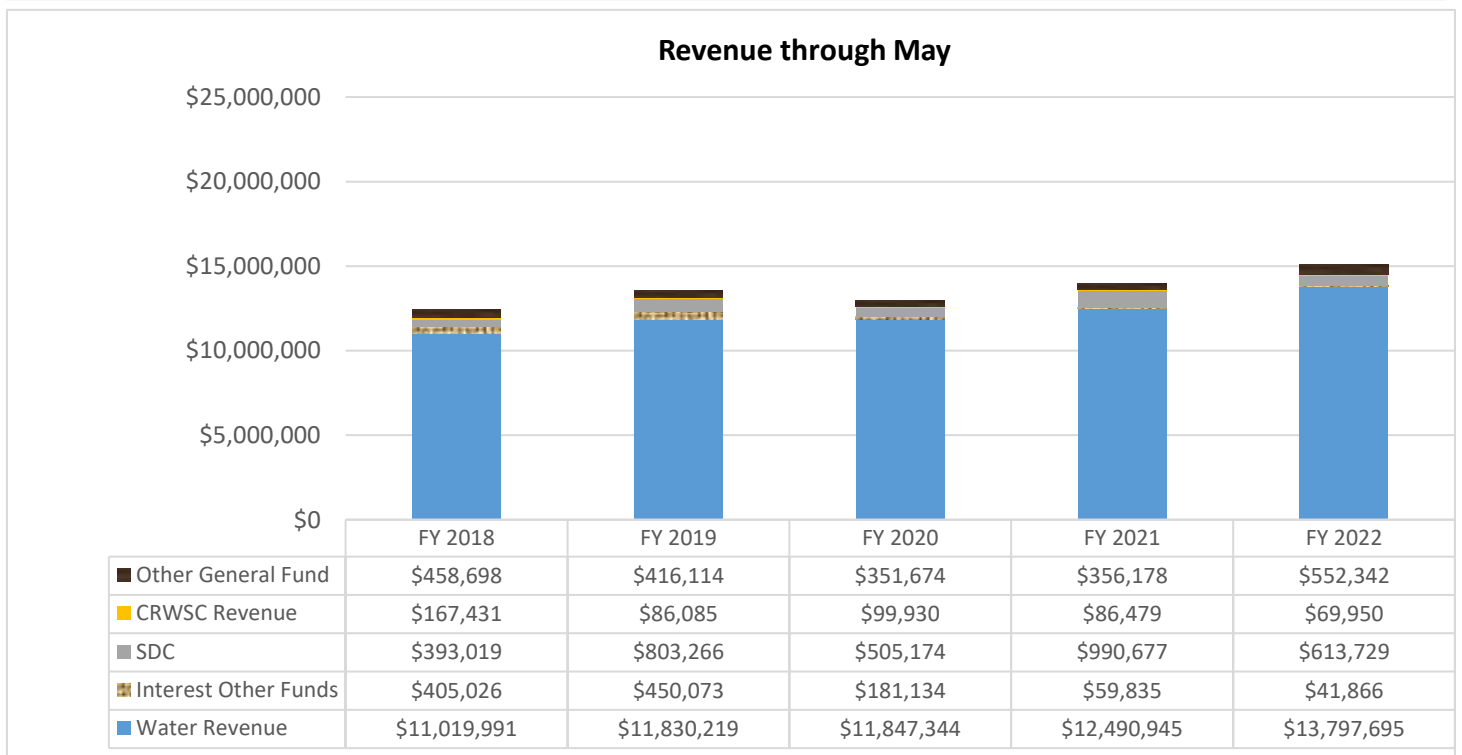
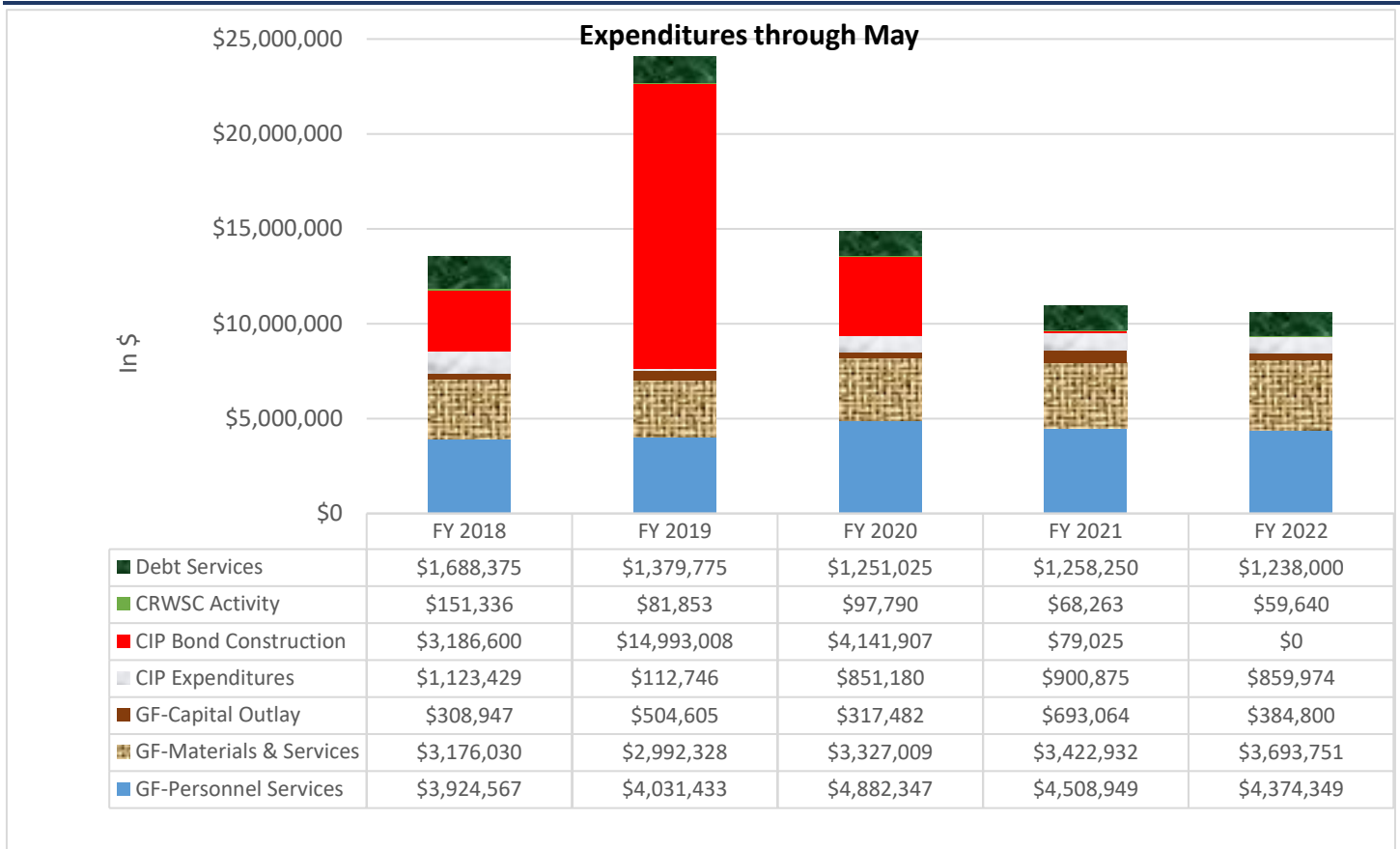
June 2022

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 June 2022 **0**

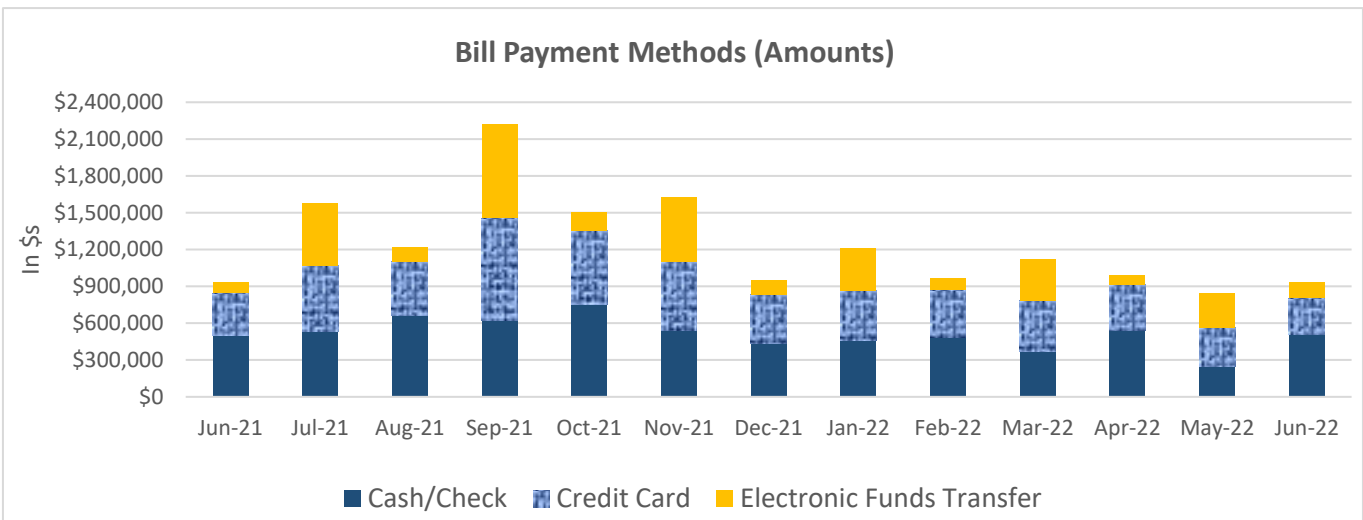
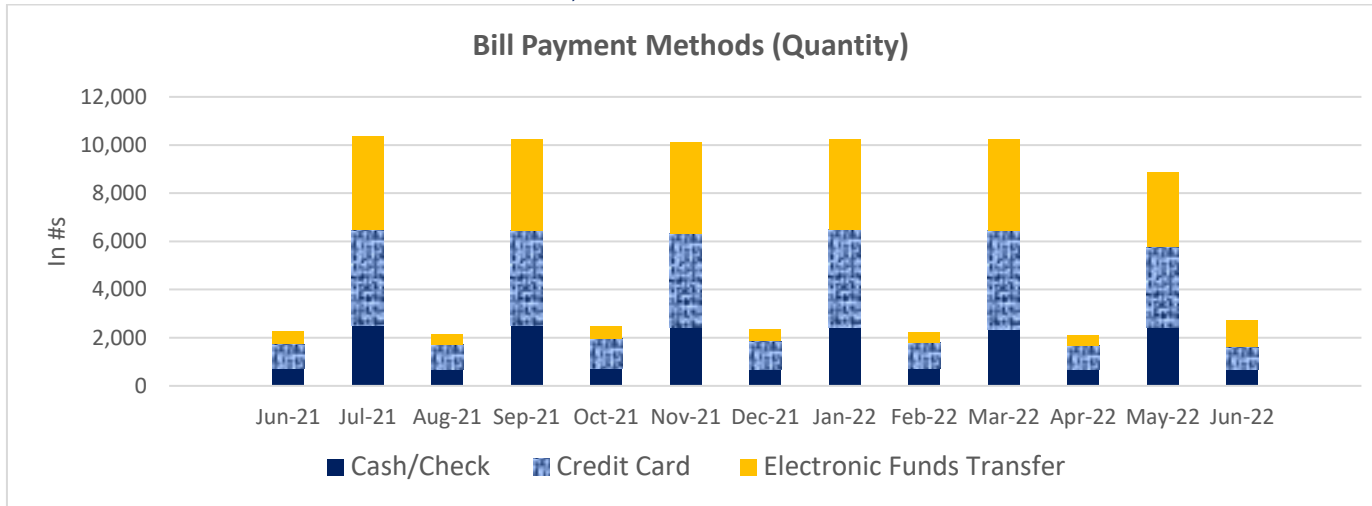
Financial Activity



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 June 2022)

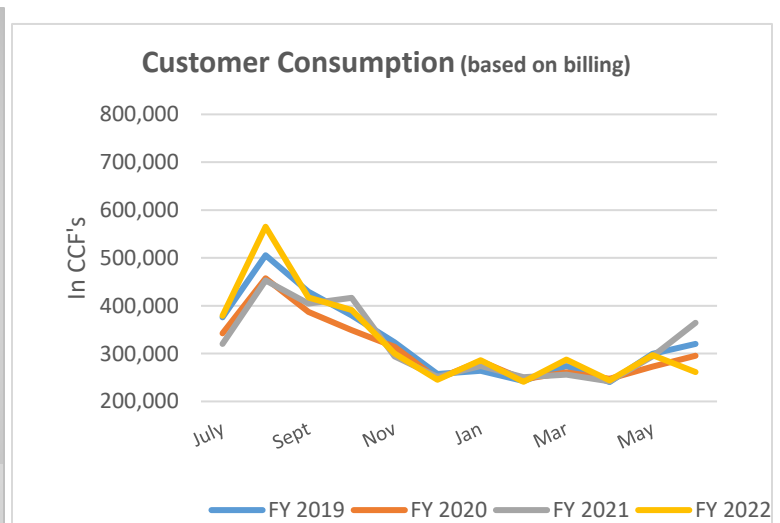
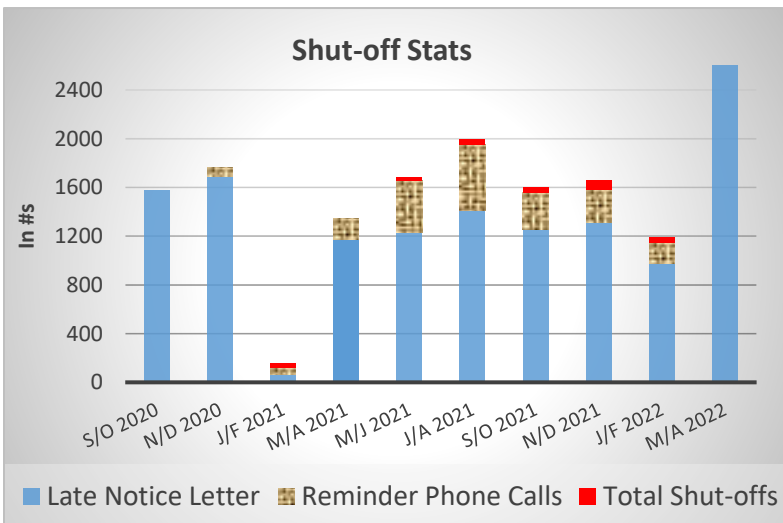
Residential Customers are billed on even months, Commercial Customers are billed on odd months.



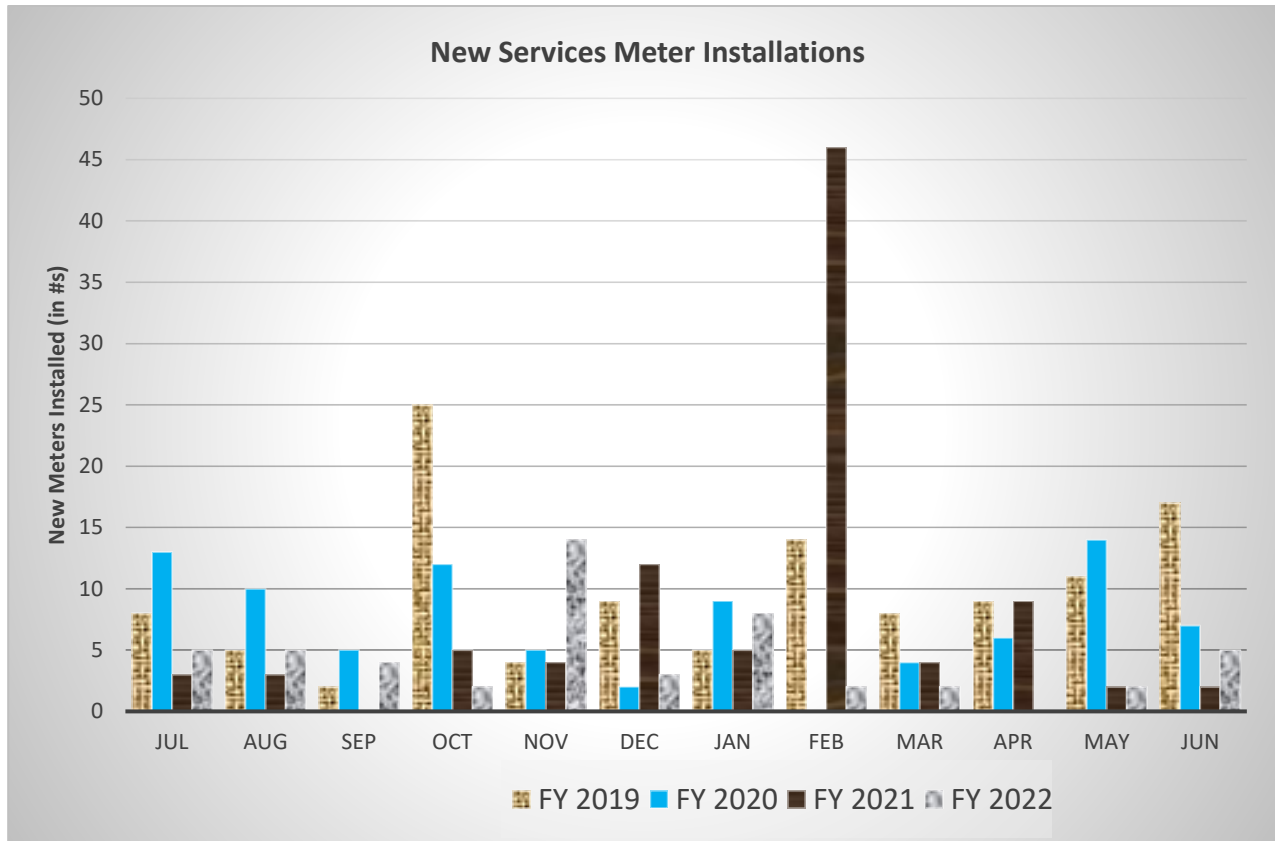
Cash/Check – Received via Lockbox, Counter

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

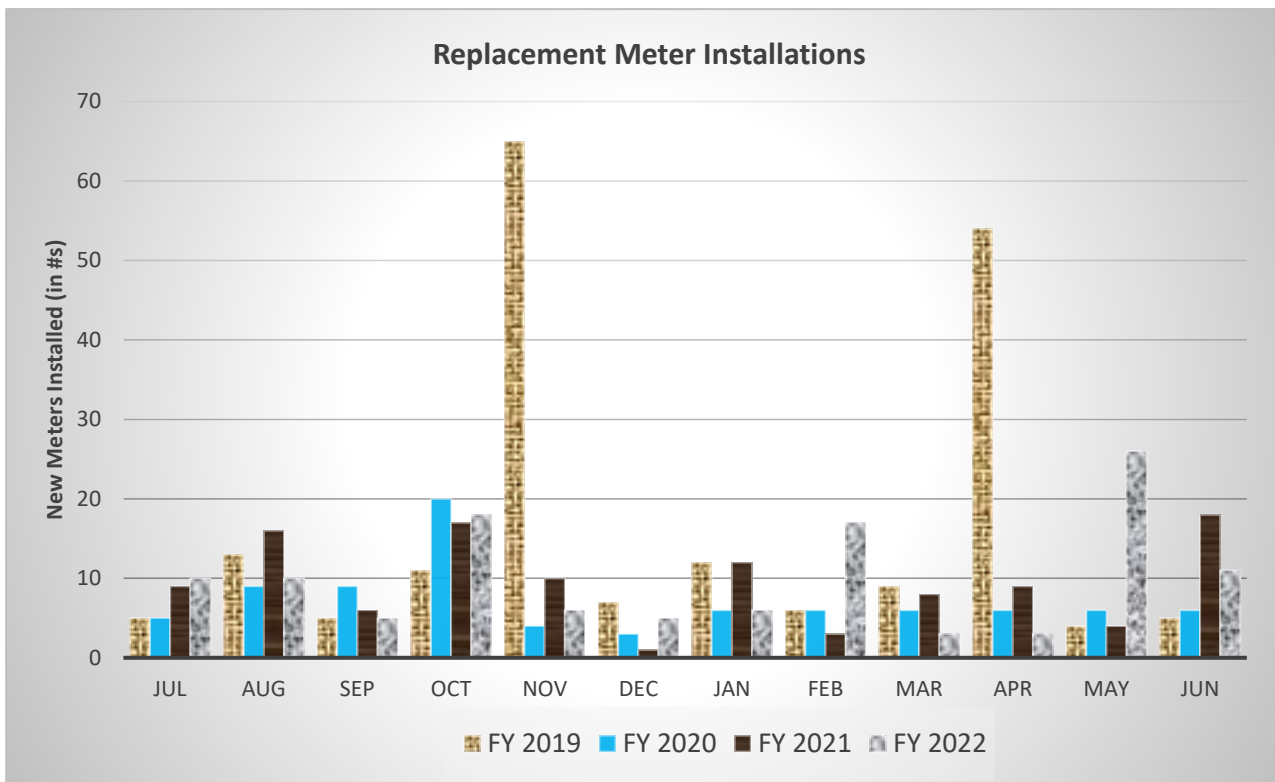
Electronic Funds Transfer – Received via Bank-to-Bank Transfer, Automatic Checking Withdrawal (RapidPay)



*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 66

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
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
June 2022	5	3.4	63	429	54	4	3	2
Total 2022 year to Date	13	3.4	275	2549	144	41	176	11
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.	Complete
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	Const.	Plan review complete. Construction pending.
21-5289	224 Logistics Center	Unified Grocer site; 4 fire & 4 Domestic Services	Design	Preparing Developer Agreement

Project
Updates

Capital Project Tracking

Capital Project Tracking

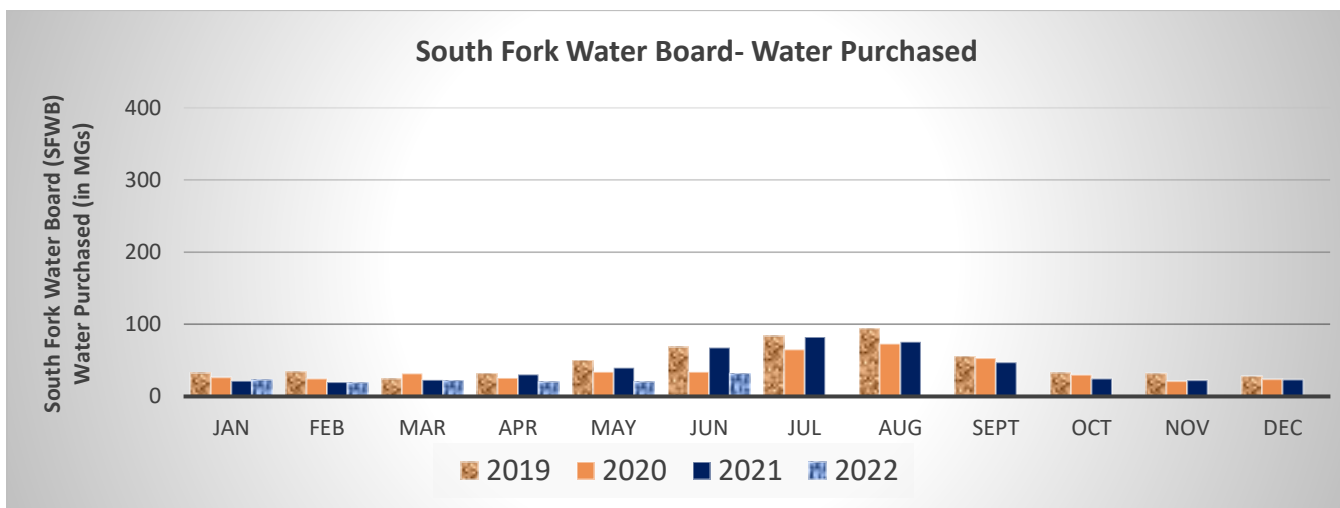
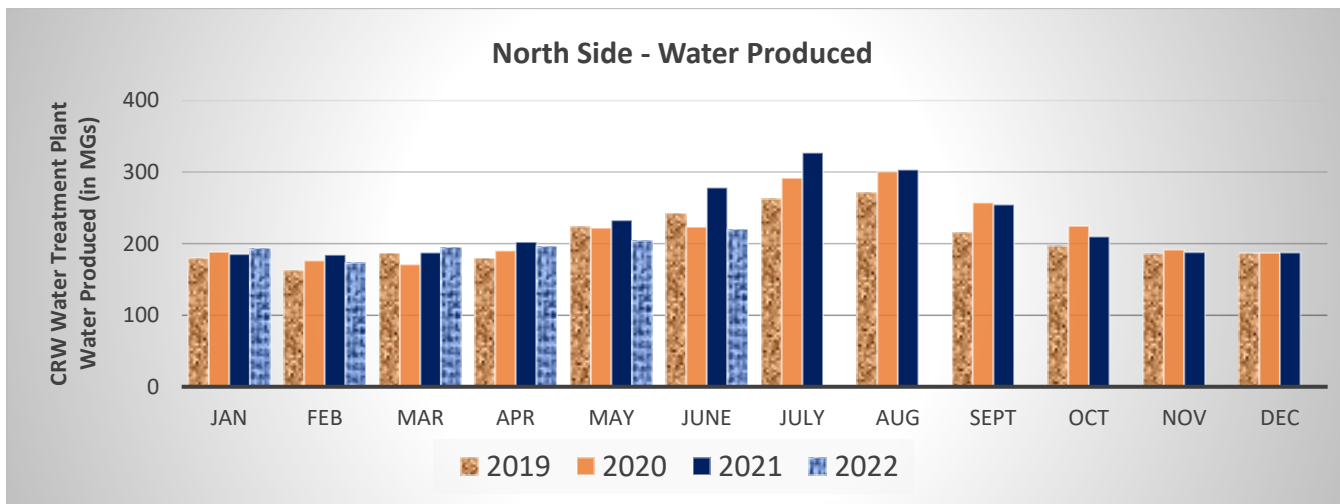
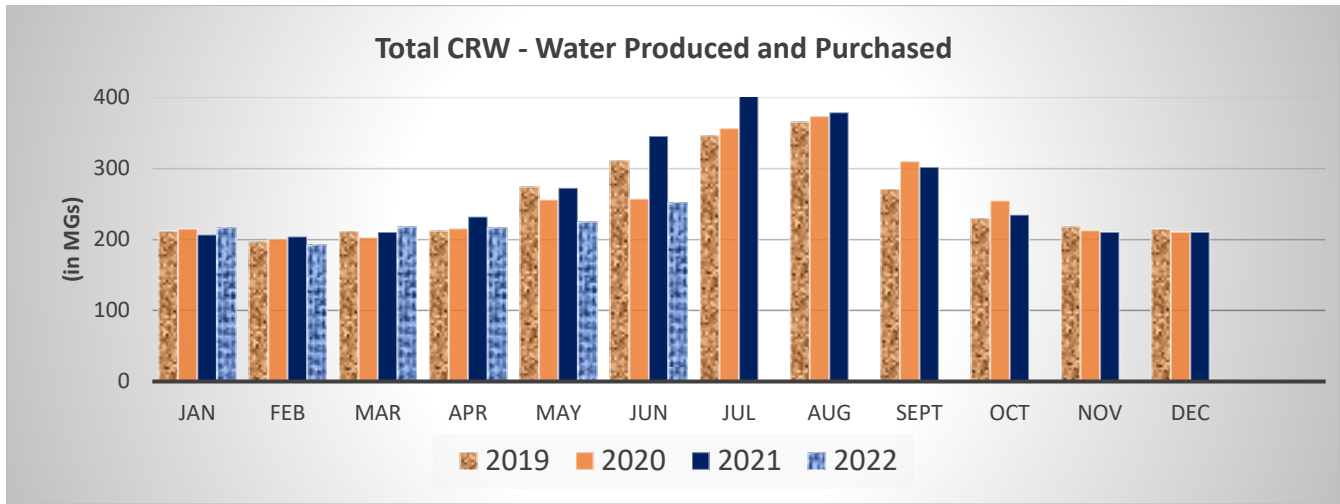
Project No.	Name	Total Budget BN 2021-23	Total to Date* (Thru June labor overhead not included)	Remaining Budget	Status
5274	ODOT/City/Clackamas County DTD	\$250,000	\$6,131	\$243,869	No Activity.
5275	Athens Drive Waterline	\$641,000	\$514,493	\$126,507	Complete
5276	Fawn Ct. Waterline	\$277,000	\$0	\$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	\$181,855	\$146,145	IGA complete. Project bid tentative Sept. 2022
5278	Monroe Street Improvements	\$940,000	\$721	\$939,279	No Activity.
5279	Maple Lane Road Waterline	\$846,000	\$53,798	\$792,202	Bid complete.
5280	Pump Station Chlorine	\$168,000	\$2,228	\$165,772	Study Phase.
5281	WTP Polymer Feed System	\$476,000	\$307	\$475,693	No Activity.
5282	WTP Filter Valve Replacement	\$692,000	\$6,662	\$685,338	Procuring 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	\$875,901	\$5,415,384	

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 June 2022)



Regulatory

All 73 samples collected and analyzed for the June 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 have been detected in our raw water.

Non-Regulatory

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

Weekly algae monitoring is occurring at 3 locations in the North Fork Reservoir and CRW's intakes. This work includes species monitoring with the FlowCAM and nutrient analysis.

Raw water at our intakes and finished water was tested for giardia and cryptosporidium.

River Conditions Reports

- As of July 10th, the 7-day average discharge of the Clackamas River near Oregon City is around 147% of the median.
- The 8–14-day forecast calls for near-normal temperatures and precipitation. The three-month climate forecasts for Jul-Aug-Sep 2022 shows equal chances of above and below normal temperature and precipitation for our region.

