



**Clackamas River Water**

# **Monthly Update**

*August 2022*



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Purchase Order Report- July 2022

Vendor: 00008 - CONSOLIDATED SUPPLY CO.

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0014	WATER WORKS MATERIAL	07/13/2022	50,000.00

Vendor: 00063 - CESSCO INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0030	BLADES, CHAINS, EQUIPMENT PUI	07/20/2022	2,500.00

Vendor: 00092 - AIRGAS USA INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0003	WELDING AND TORCH SUPPLIES	07/12/2022	1,000.00

Vendor: 00107 - UNITED SITE SERVICES INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0013	PORTABLE REST ROOMS	07/13/2022	15,000.00

Vendor: 00160 - TOP INDUSTRIAL SUPPLY INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0010	MISN. WATER WORKS SUPPLIES	07/12/2022	3,000.00

Vendor: 00168 - WICHITA FEED & HARDWARE

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0023	TOOLS AND OTHER MAINTENANCI	07/18/2022	1,000.00

Vendor: 00187 - RAG MAN INC.

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0008	TERRY CLOTH RAGS	07/12/2022	1,400.00

Vendor: 00188 - CLARK'S LAWN & GARDEN EQ., LLC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0004	SMALL ENGINE REPAIR , SERVICE	07/12/2022	3,000.00

Vendor: 00290 - UNITED RENTALS NORTHWEST INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0011	EQUIPMENT RENTAL	07/12/2022	6,000.00

Vendor: 00353 - METRO OVERHEAD DOOR INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0006	GARAGE DOOR AND AUTO. GATE	07/12/2022	7,500.00

Vendor: 00459 - SAME DAY AUTO SERVICE INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0016	SERVICE FOR TOYOTAS	07/13/2022	4,500.00

Vendor: 01546 - CASCADE COLUMBIA DIST CO INC

Purchase Order Report- July 2022

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0031	\$6000 Blanket PO to Cascade Colum	07/21/2022	6,000.00

Vendor: 01833 - MIKE PATTERSON PLUMBING

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0007	MIKE PATTERSON PLUMBING	07/12/2022	10,000.00

Vendor: 02322 - GENERAL PACIFIC INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0015	BADGER METERS, VALVE BOXES.	07/13/2022	50,000.00

Vendor: 02373 - WORLD CUP COFFEE & TEA SERVIC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0018	COFFEE AND SUPPLIES	07/13/2022	4,000.00

Vendor: 02487 - LINESCAPE DIRECTIONAL BORING,

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0022	DIRECTIONAL BORING	07/18/2022	9,000.00

Vendor: 02545 - LAKESIDE INDUSTRIES INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0029	EASY STREET POLMER COLD PAT	07/20/2022	4,000.00

Vendor: 03319 - C & R REFORESTATION

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0019	EMERGENT SPRAYING	07/18/2022	13,000.00

Vendor: 03473 - HASA INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0025	SODIUM HYPOCHLORITE 12.5% - L	07/19/2022	70,000.00

Vendor: 03645 - RITZ SAFETY LLC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0009	SAFETY TRAINING, EQUIPMENT	07/12/2022	10,000.00

Vendor: 03887 - GENUINE PARTS CO. INC, DBA: NAP

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0020	AUTO PARTS AND MAINTENANCE	07/18/2022	1,000.00

Vendor: 04171 - LSK GRAPHICS INC.

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0017	NEWSLETTER AND GRAPHIC NEEI	07/13/2022	3,000.00

Vendor: 04204 - COLVIN SAND AND GRAVEL LLC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0005	SPOILS DUMPING	07/12/2022	4,000.00

Purchase Order Report- July 2022

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Vendor: 04321 - KEITH MORRIS CONSTRUCTION INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0021	CONCRETE WORK	07/18/2022	5,000.00

Vendor: 04411 - GOODFELLOW BROS LLC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0028	SPOIL'S DUMPING	07/20/2022	3,000.00

Vendor: 00011 - HACH COMPANY

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0002	CHLORINE TEST REAGENTS	07/11/2022	4,700.86

Vendor: 00123 - GRANTS PASS WATER LAB INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0024	CRYPTOSPORIDIUM & GIARDIA ANALYSIS	07/19/2022	9,000.00

Vendor: 00317 - CDW GOVERNMENT INC.

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0001	COMPUTER PERIPHERALS & SOFTWARE	07/11/2022	10,000.00

Vendor: 01681 - ADVANCED AMERICAN CONSTRUCTION

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0033	WTP INTAKE INSPECTION & SCREEN CLEA	07/28/2022	5,725.00

Vendor: 01844 - FERGUSON ENTERPRISES INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0026	6" RUBBER REP KIT FOR 100-3 CLAVAL	07/19/2022	1,092.50

Vendor: 03529 - EAGLE ELSNER INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0032	KING RD PAVEMENT REPAIR	07/27/2022	7,148.00

Vendor: 03782 - PAPE MACHINERY INC.

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0027	FRONT END LOADER	07/20/2022	164,187.90

Vendor: 04391 - FORBISTER ROOFING INC

<u>PO #</u>	<u>Description</u>	<u>Date</u>	<u>Total Amount</u>
23-0012	SYSOPS SHOP ROOF REPLACEMENT	07/12/2022	36,680.00

## Contracts Log

(Executed since last board meeting July 14, 2022)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Cascade Columbia Distributing Co	Aluminum Chlorohydrate	NTE \$50,000	8/1/22	7/31/23	New
Core & Main	Water Works Supplies	NTE \$85,000	11/1/22	10/31/22	Amended and the Board approved the NTE increase in July 2022
Executive Security Services	Park Security	NTE \$25,300	5/5/22	9/25/22	Amended to extend through Septmber
First Response	Security Services	NTE \$55,000	7/1/22	6/30/23	New
ML Houck Construction Company	Maplelane Rd Waterline Project	NTE \$790,232	7/28/22		Awarded by the Board at the July 14, 2022 Board meeting
River City Environmental	Vactron Truck Services	NTE \$90,000	8/13/22	8/12/23	Approved in July on the recurring contracts log

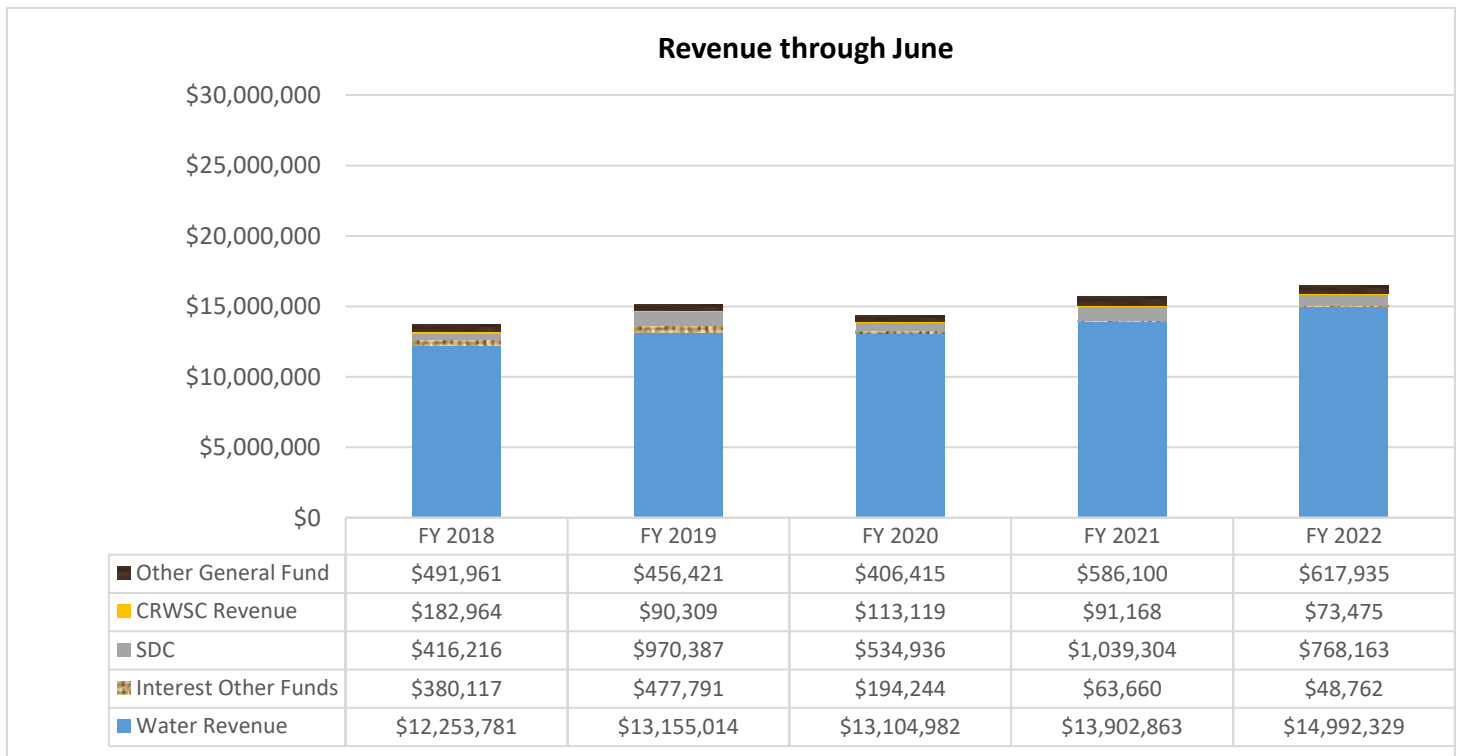
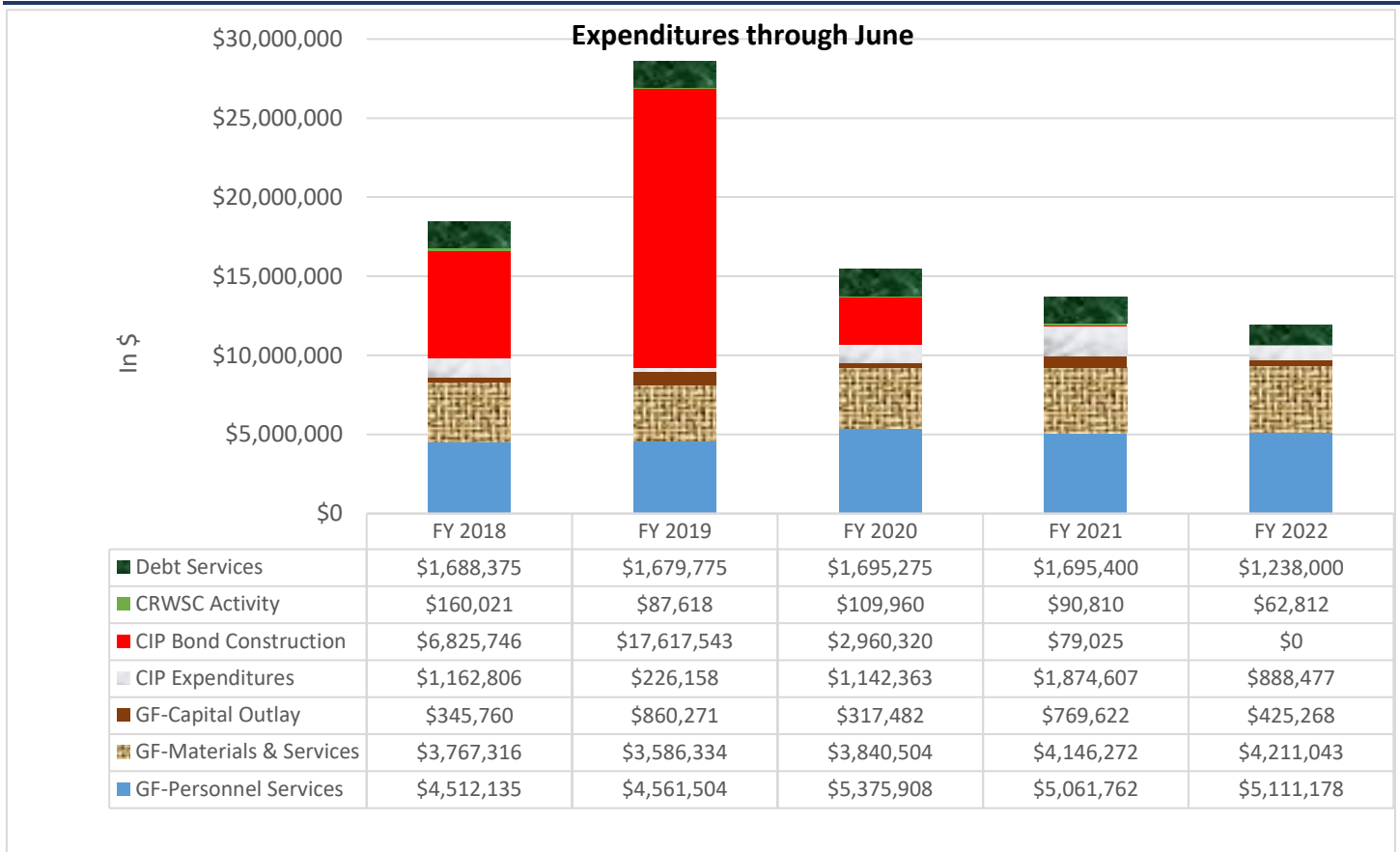
## Summary of Legal

	<i>July 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	\$ _____
<b>Total Legal</b>	<b>\$ 4,240.00</b>

## Public Records Request Received

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

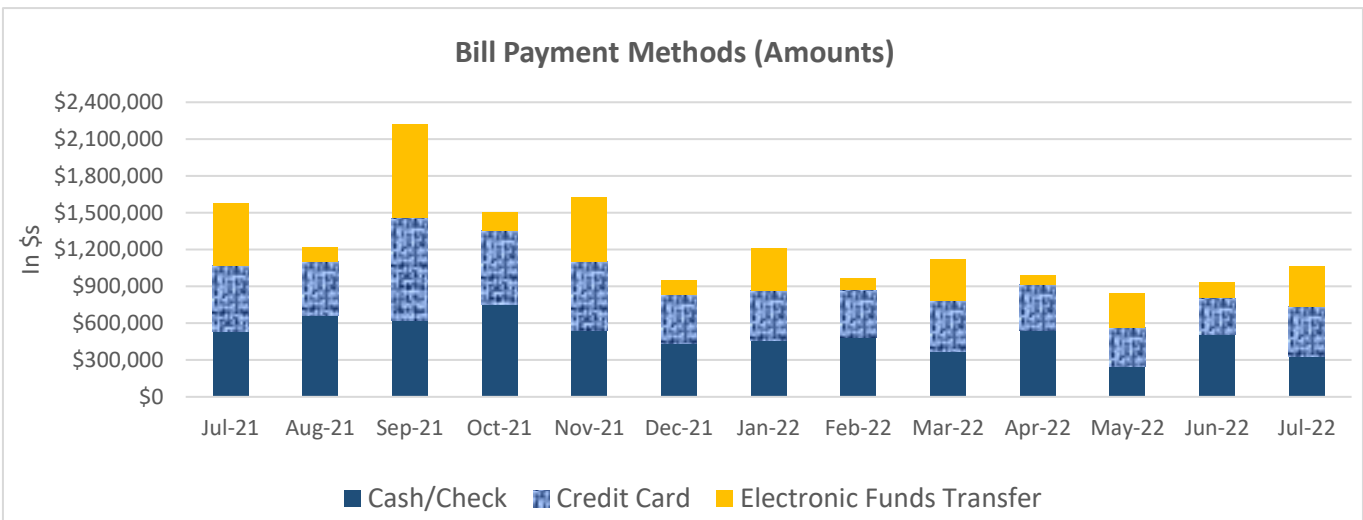
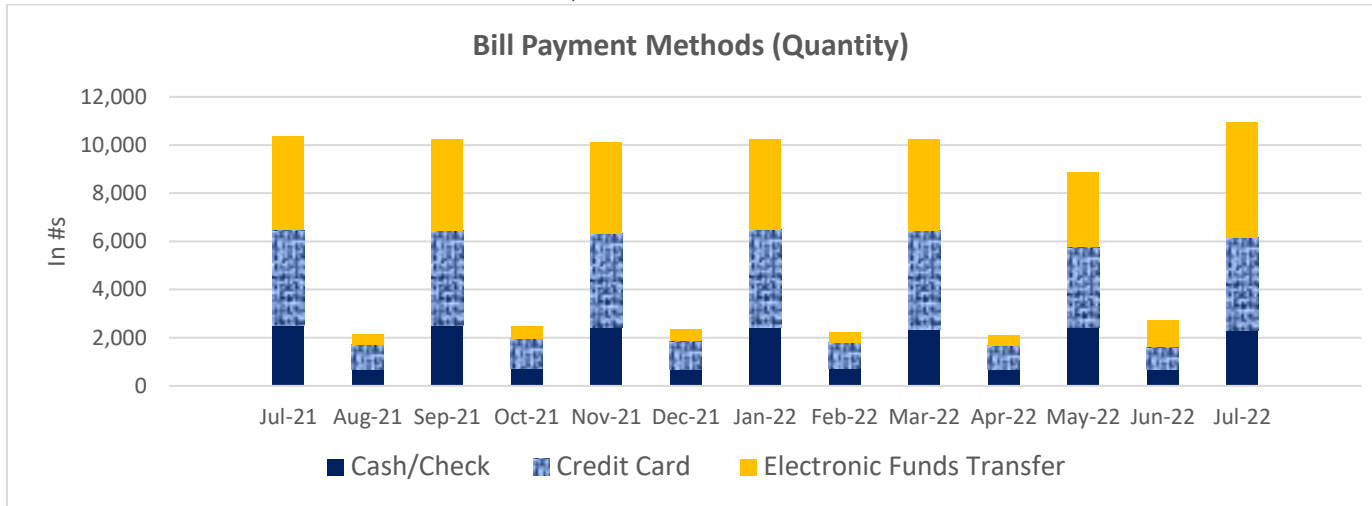
## Financial Activity



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 and COVID cleaning 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 July 2022)

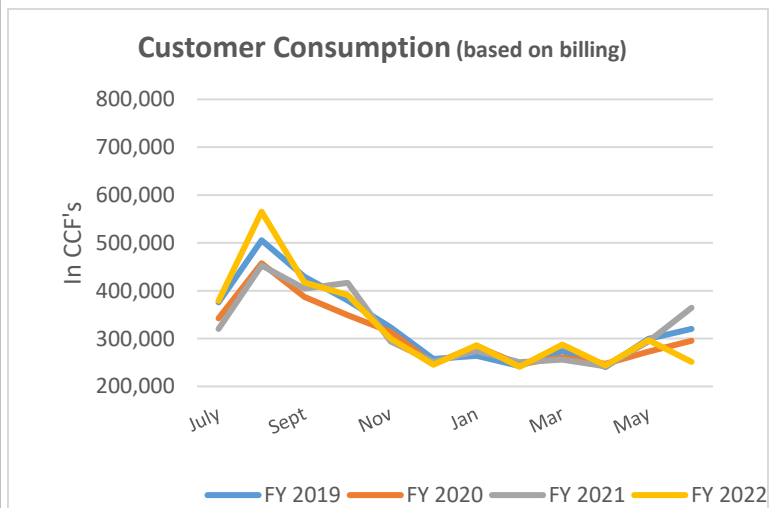
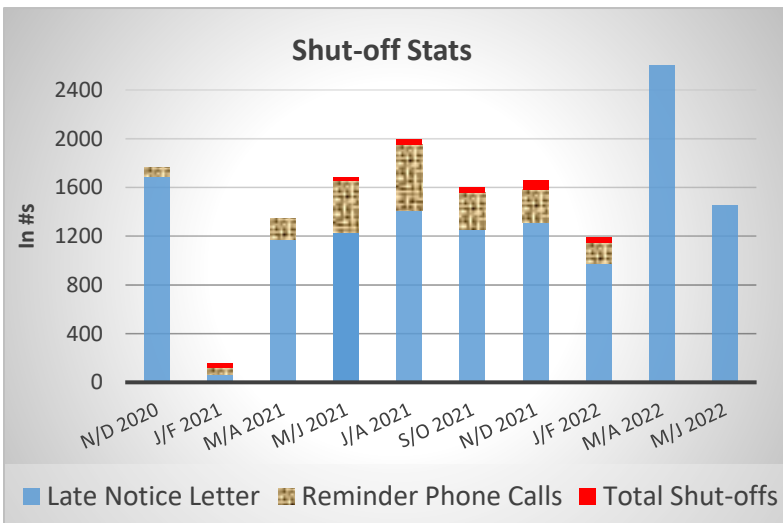
Residential Customers are billed on even months, Commercial Customers are billed on odd months.



Cash/Check – Received via Lockbox, Counter

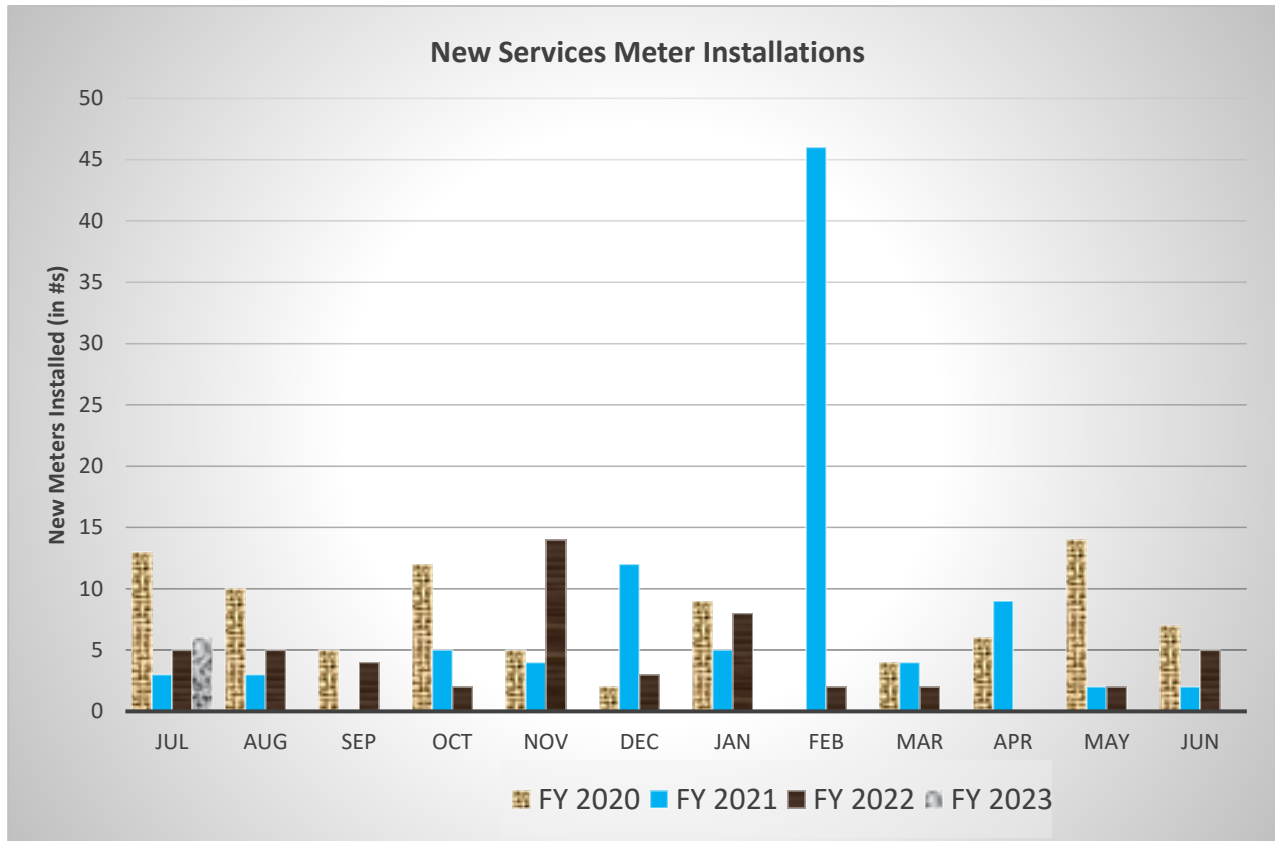
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

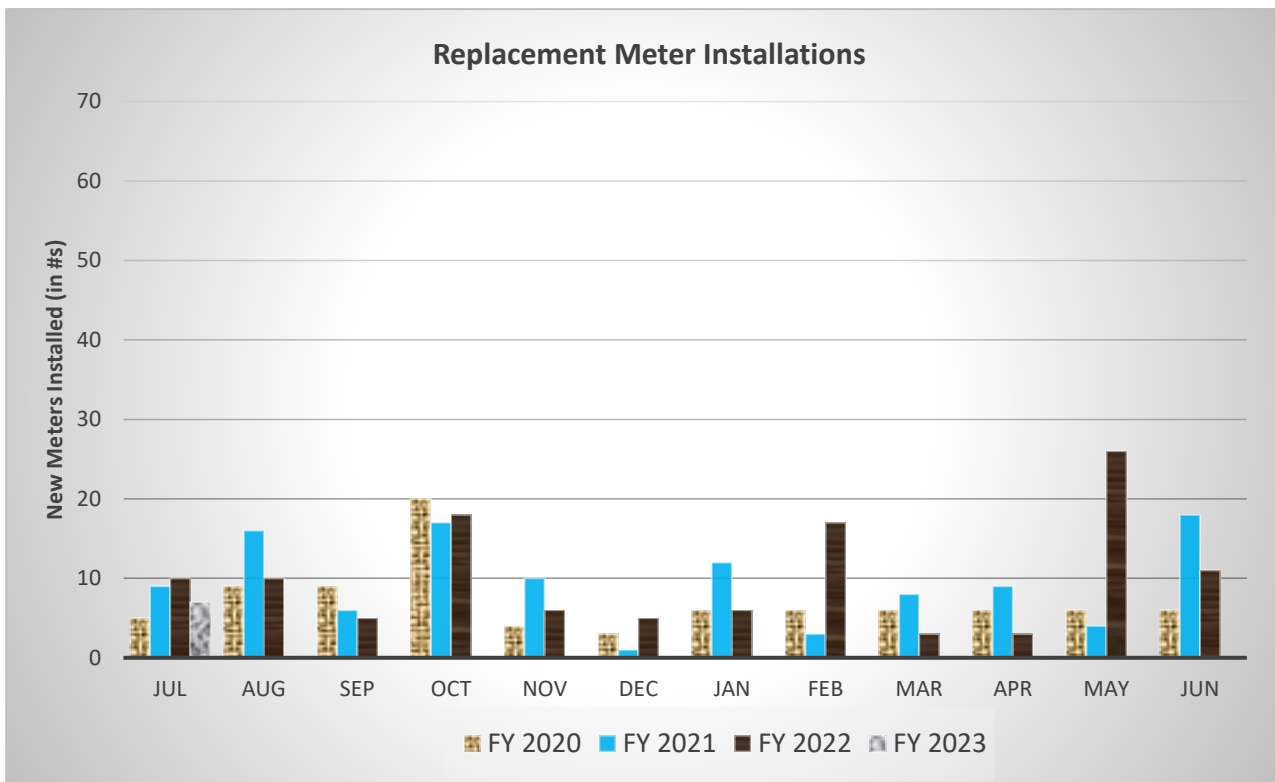


\*Reminder Phone Calls are made during the even months. Shut offs occur the following month. \*\*Jan/Feb late notice number is an estimate \*No late notices Sept-Dec. '20; reinstated February and sent in May 2021





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



**Annual 2022 Goal for Meter Replacement is 350- Year to date is 73**

## 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
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
July 2022	3	9.0	50	385	39	9	108	1
<b>Total 2022 year to Date</b>	<b>16</b>	<b>12.4</b>	<b>325</b>	<b>2934</b>	<b>183</b>	<b>50</b>	<b>284</b>	<b>12</b>
<b>2022 Annual Goal</b>	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
<b>16-5205 Private</b>	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	Punch list underway.
<b>19-5240 Private</b>	Home2 Suites	12" main for 101-unit hotel, 4" meter	Const.	As-builts in progress.
<b>19-5254 Private</b>	D St. Improvements	Road Extension with utilities (at Fuller P&R)	Const.	Punch list underway.
<b>19-5255 Private</b>	Fuller Station Affordable Housing	100-unit Multi-family housing, 4" meter	Const.	Punch list underway. As-builts in progress.
<b>19-5256 Private</b>	Residence Inn by Marriot	117-unit Hotel at Clackamas Town Center, 4" meter	Const.	As-builts in progress.
<b>20-5262 Private</b>	Bonaventure Senior Living	6" fire service and 3" meter	Const.	No activity.
<b>20-5272 Private</b>	Elite Motors	8" Main and 1" Meter	Design	No activity.
<b>21-5283 Private</b>	NCSD Facility	1 - 6" Fire Service 3 - domestic meters	Const.	Punch list underway.
<b>21-5284 Private</b>	Quail Park	15 lot subdivision in Milwaukie	Const.	Construction in progress.
<b>14-5169 Private</b>	Church of Portland	6" Fire Service and 2" domestic meter	Const.	Punch list underway.
<b>21-5285 Private</b>	130 <sup>th</sup> Industrial Park	3-fire services 3-commercial services	Const.	Construction scheduled for late summer.
<b>18-5288 Private</b>	Copper Heights	Residential 30 lot subdivision	Const.	Construction pending.
<b>21-5289</b>	224 Logistics Center	Unified Grocer site; 4 fire & 4 Domestic Services	Design	Preparing Developer Agreement

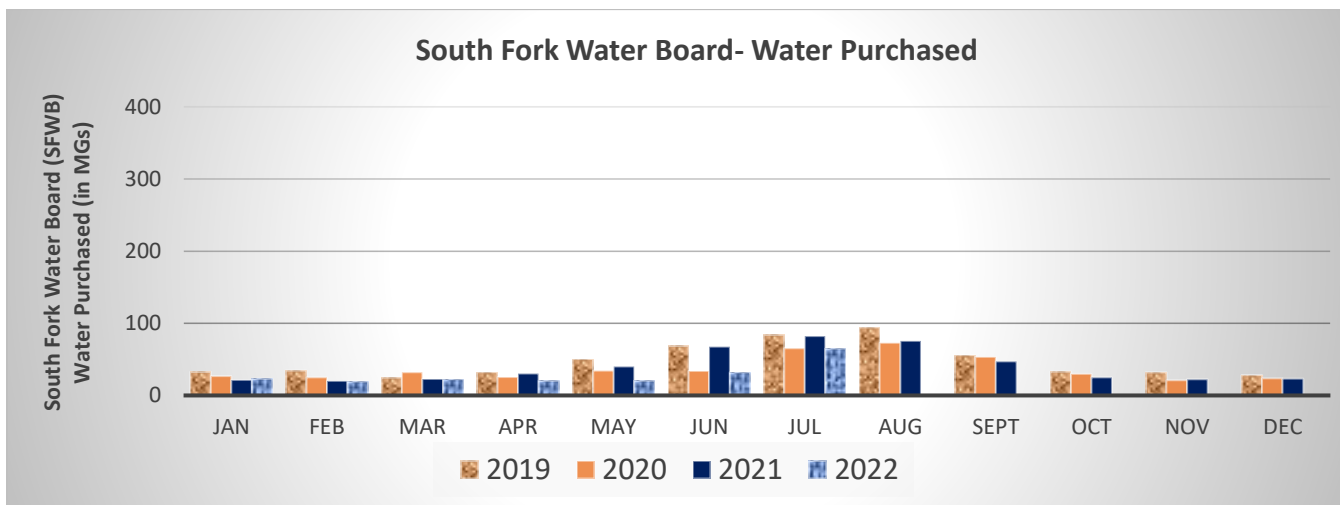
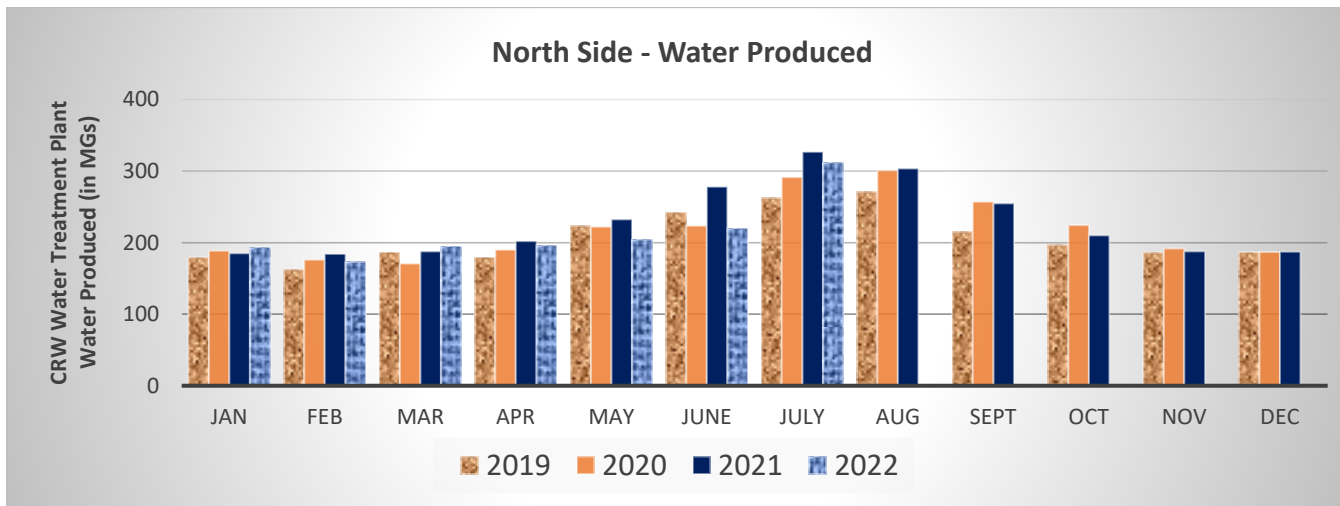
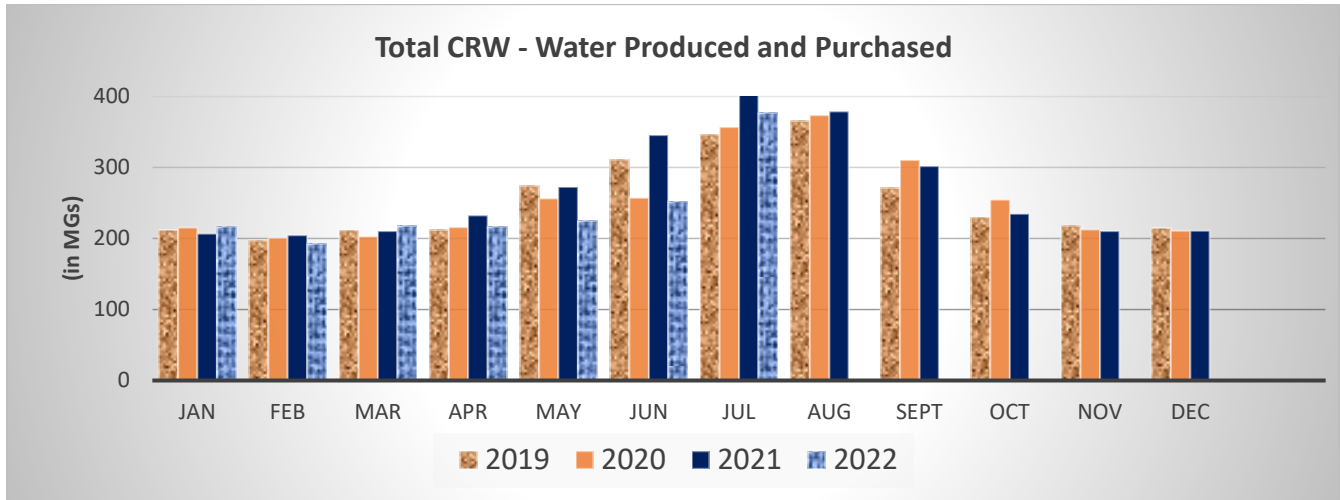
## Project Updates

### Capital Project Tracking

#### Capital Project Tracking - July 2022

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	\$9,513	\$240,487	
Utility coordination and adjustments at: Boyer King Neighborhood Paving; Johnson Cr. Blvd at 79th Place Signals; Webster at Bilquist School Sidewalks; WES force mains					
5275	Athens Drive Waterline	\$641,000	\$515,506	\$125,494	
The Athens waterline was bid and constructed just as material availability was changing. The project was completed on budget and on time with no disruptions in material availability and a slight cost increase.					
5276	Fawn Ct. Waterline	\$277,000	\$0	\$277,000	No Activity.
Fawn Ct is a waterline replacement in a short cul-de-sac. The project is tentatively scheduled for design and construction later in the biennium; however, staff is keeping an eye on increasing costs of other projects.					
5277	Leland Road Master Meter	\$493,000	\$1,107	\$491,893	
Discussing with Oregon City logistics and impact of meter transfers.					
5273	Redland Rd. Waterline Phase 1	\$1,080,000	\$3,827	\$1,076,173	
County is making progress on the road design with several revisions due to budget constraints. Our consultant is also advancing the waterline design, with both at 60% complete. Scheduled for construction in 2023.					
5270	Linwood Road Improvements	\$328,000	\$183,289	\$144,711	
IGA for design with county is complete. An amended IGA will be prepared when a contractor is selected and construction costs are known.					
5278	Monroe Street Improvements	\$940,000	\$721	\$939,279	Gathering data
Received concept plans from the County which are consistent with the plans developed during public comment in 2016. Staff is collecting data and researching project impact to CRW system.					
5279	Maplelane Road Waterline	\$846,000	\$58,096	\$787,904	
Project has been bid, a contractor selected, and contracts signed. Ductile iron pipe delivery is estimated at 22 weeks. Easement is being negotiated.					
5280	Pump Station Chlorine	\$168,000	\$4,161	\$163,839	Study Phase.
Researching chlorine systems and designing spaces to house the equipment.					
5281	WTP Polymer Feed System	\$476,000	\$307	\$475,693	No Activity.
5282	WTP Filter Valve Replacement	\$692,000	\$9,530	\$682,470	
Specifications are complete and procurement is ongoing. Delivery is estimated at approximately 30 weeks. An installation contract is being prepared and will be advertised for contractors.					
5253	82nd Dr. Waterline - Phase 1 (Carryover)	\$97,000	\$46,974	\$50,026	Complete.
5287	90th St PS Electrical		\$55,825	(\$55,825)	Complete.
5291	I-205 Crossing		\$1,107	(\$1,107)	
<b>Totals</b>		<b>\$6,288,000</b>	<b>\$889,963</b>	<b>\$5,398,037</b>	

Notes: 1) Includes all costs through all project phases (planning, design, construction) spanning multiple fiscal periods as applicable. 2) July data does not include overhead charges



### **Regulatory**

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

Quarterly Disinfection By-Product sampling was conducted at 4 locations each in the North and South Service Areas.

### **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.

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.

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 was tested for giardia and cryptosporidium.

## River Conditions Reports

- As of August 8th, the 7-day average discharge of the Clackamas River near Oregon City is around 106% of the median.
- The three-month climate forecasts for Aug-Sep-Oct 2022 indicates probabilities favoring above average temperatures statewide. Precipitation is forecast to be near average.

