



Clackamas River Water

Monthly Update

August 2023



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Purchase Order Report- July 2023

Vendor: 00001 - A & A DRILLING SERVICE INC

PO #	Description	Total Amount
24-0019	HOT TAPS	10,000.00

Vendor: 00008 - CONSOLIDATED SUPPLY CO.

PO #	Description	Total Amount
24-0021	WATERWORKS MATERIALS	50,000.00

Vendor: 00017 - CORE & MAIN LP

PO #	Description	Total Amount
24-0022	WATERWORKS PARTS	50,000.00

Vendor: 00063 - CESSCO INC

PO #	Description	Total Amount
24-0020	BLADES, CHAINS, EQUIPMENT PURCHASE	7,000.00

Vendor: 00092 - AIRGAS USA INC

PO #	Description	Total Amount
24-0007	WELDING AND TORCH SUPPLIES	1,000.00

Vendor: 00107 - UNITED SITE SERVICES INC

PO #	Description	Total Amount
24-0042	PORTABLE RESTROOMS	15,000.00

Vendor: 00124 - H D FOWLER CO INC

PO #	Description	Total Amount
24-0002	STEEL PIPE COUPLINGS FOR WTP PROJECT	34,427.00

Vendor: 00128 - IDEXX DISTRIBUTION CORP.

PO #	Description	Total Amount
24-0004	MICROBIOLOGICAL TESTING SUPPLIES	20,000.00

Vendor: 00160 - TOP INDUSTRIAL SUPPLY INC

PO #	Description	Total Amount
24-0015	MISC. SUPPLIES	3,000.00

Vendor: 00165 - UNIVAR SOLUTIONS USA INC

PO #	Description	Total Amount
24-0043	CALCIUM HYPOCHLORITE 3" TABS	19,000.00

Vendor: 00167 - GRAINGER INC

PO #	Description	Total Amount
24-0028	MISC SUPPLIES	8,500.00

Vendor: 00168 - WICHITA FEED & HARDWARE

PO #	Description	Total Amount
24-0016	TOOLS AND MAINTENANCE ITEMS	1,200.00

Vendor: 00187 - RAG MAN INC.

PO #	Description	Total Amount
24-0013	TERRY CLOTH RAGS	1,400.00

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

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0009	Small engine repair, service,	3,000.00

Vendor: 00215 - RELIABLE FENCE & CONSTRUCTION

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0038	FENCE REPAIRS	7,500.00

Vendor: 00285 - ARAMARK UNIFORM SERVICES INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0005	ACCT. #934649000 - BUILDING MAINT. SUPPLIES	4,500.00

Vendor: 00290 - UNITED RENTALS NORTHWEST INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0041	EQUIPMENT RENTAL	10,000.00

Vendor: 00304 - CANTEL SWEEPING

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0044	LOT SWEEPING SERVICES	8,300.00

Vendor: 00317 - CDW GOVERNMENT INC.

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0161	COMPUTER PERIPHERALS & SOFTWARE	10,000.00

Vendor: 00343 - MICROMAIN CORP.

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0003	4 hour Online (Zoom) training on	1,074.00

Vendor: 00353 - METRO OVERHEAD DOOR INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0033	GARAGE DOOR AND AUTO GATE REPAIRS	8,000.00

Vendor: 00459 - SAME DAY AUTO SERVICE INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0014	SERVICE FOR TOYOTAS	4,500.00

Vendor: 00992 - POLLARDWATER.COM

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0012	WATERWORKS TOOLS AND MISC	4,000.00

Vendor: 01361 - D & H FLAGGING INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0023	TRAFFIC CONTROL, 2ND VENDOR	10,000.00

Vendor: 01546 - CASCADE COLUMBIA DIST CO INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0006	CASCADE COLUMBIA - SODIUM HYPOCHLORITE	6,000.00

Vendor: 01751 - FASTRAK SOFTWARES INC.

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0001	FASTTRAK SOFTWARES SOFTWARE RENEWAL	930.00

Vendor: 01833 - MIKE PATTERSON PLUMBING

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0034	PLUMBING INSTALLS AND REPAIRS	10,000.00

Vendor: 01844 - FERGUSON ENTERPRISES INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0025	FERGUSON ON ENOCH CT PLUMBING PARTS	5,000.00

Vendor: 02322 - GENERAL PACIFIC INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0026	BADGER METERS, VALVE BOXES	50,000.00

Vendor: 02373 - WORLD CUP COFFEE & TEA SERVICE

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0018	COFFEE, TEA & SUPPLIES	4,000.00

Vendor: 02487 - LINESCAPE DIRECTIONAL BORING, LLC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0032	DIRECTIONAL BORING	10,000.00

Vendor: 02545 - LAKESIDE INDUSTRIES INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0030	EASY STREET POLYMER COLD PATCH	6,000.00

Vendor: 02703 - CARCO INDUSTIES INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0164	NEXSTAR TRANSMITTER AND TETHER	4,906.29

Vendor: 02833 - PROCOM TECHNOLOGIES, LLC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0162	DATA & VOICE WIRE RUN WORK AS NEEDED	4,000.00

Vendor: 02837 - TAURUS POWER & CONTROLS INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0163	Blanket PO for VFD & Soft Start Service	10,000.00

Vendor: 03543 - SIX ROBBLEES INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0040	TRUCK BOXES, TRAILER PARTS	2,500.00

Vendor: 03568 - LEGGETT ASPHALT INC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0031	ASPHALT PAVING	10,000.00

Vendor: 03645 - RITZ SAFETY LLC

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0039	SAFETY TRAINING, EQUIPMENT	10,000.00

Vendor: 03782 - PAPE MACHINERY INC.

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0037	EQUIPMENT MAINTENANCE	10,000.00

Vendor: 03887 - GENUINE PARTS CO. INC, DBA: NAPA AUTO PARTS

<u>PO #</u>	<u>Description</u>	<u>Total Amount</u>
24-0011	AUTO PARTS AND MAINTENANCE ITEMS	1,000.00

Vendor: 03981 - EXCAVATOR RENTAL SERVICES

PO #	Description	Total Amount
24-0024	HEAVY EQUIPMENT RENTAL	10,000.00

Vendor: 04147 - CITY WIDE TREE SERVICES INC

PO #	Description	Total Amount
24-0008	TREE REMOVAL	10,000.00

Vendor: 04171 - LSK GRAPHICS INC.

PO #	Description	Total Amount
24-0017	GRAPHIC DESIGN	3,000.00

Vendor: 04204 - COLVIN SAND AND GRAVEL LLC

PO #	Description	Total Amount
24-0010	SPOILS DUMPING	4,000.00

Vendor: 04321 - KEITH MORRIS CONSTRUCTION INC

PO #	Description	Total Amount
24-0029	CONCRETE WORK	10,000.00

Vendor: 04367 - OREGON CITY GARAGE DOOR LLC

PO #	Description	Total Amount
24-0035	REPAIR OR REPLACE GARAGE CURTAIN SENSO	7,500.00

Vendor: 04389 - OREGON METER REPAIR & WATER

PO #	Description	Total Amount
24-0036	3 INCH AND LARGER METER TESTING AND REP/	14,000.00

Vendor: 04411 - GOODFELLOW BROS LLC

PO #	Description	Total Amount
24-0027	SPOILS DUMPING	6,000.00

Contract Log

(Executed since last board meeting July 20, 2023)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Cascade Columbia Distributing	Aluminum Chlorohydrate	NTE \$85,600	8/1/23	7/31/24	Extended
Chemtrade	Aluminum Sulfate	NTE \$50,000	8/1/23	7/31/24	New
S 2 Contractors Inc	Paving Services	NTE \$87,691	6/14/23	6/14/24	Extended in Participation with City of Lake Oswego Contract
River City Environmental	Vactron Truck Service	NTE \$90,000	8/13/23	2/28/27	In Participation with City of Portland

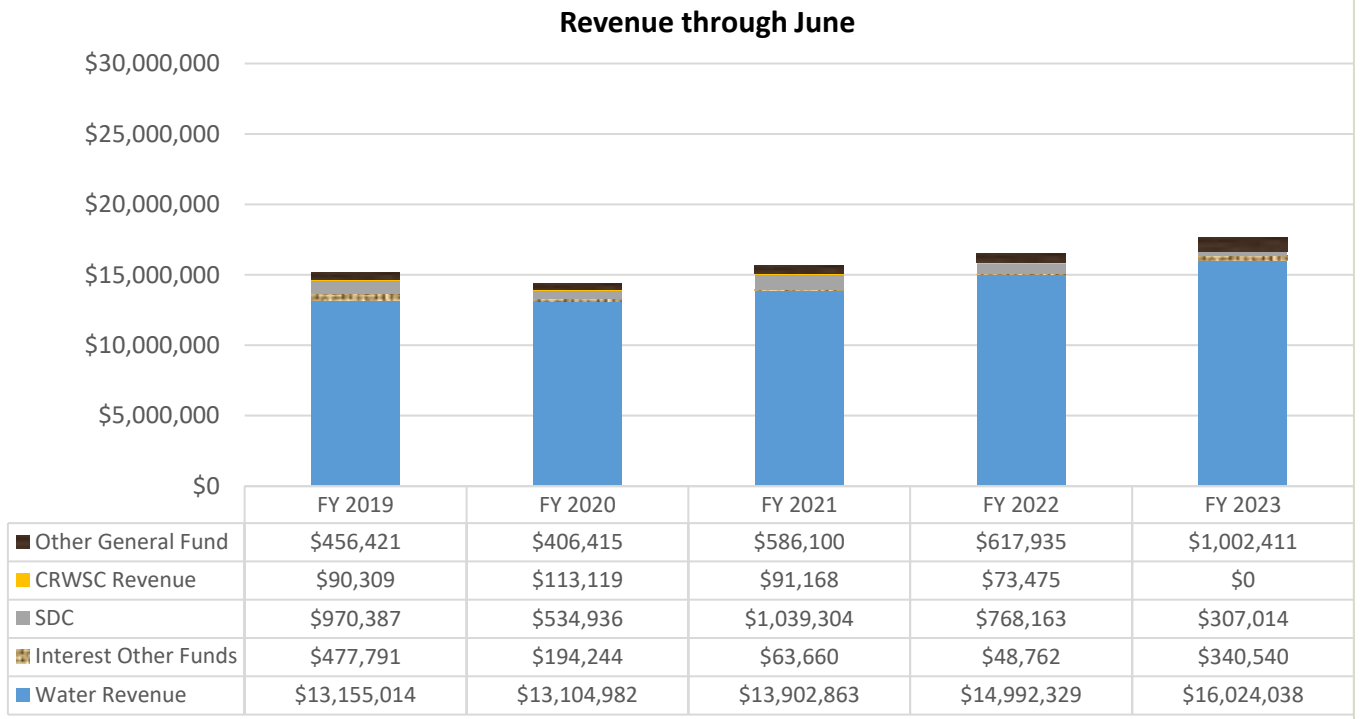
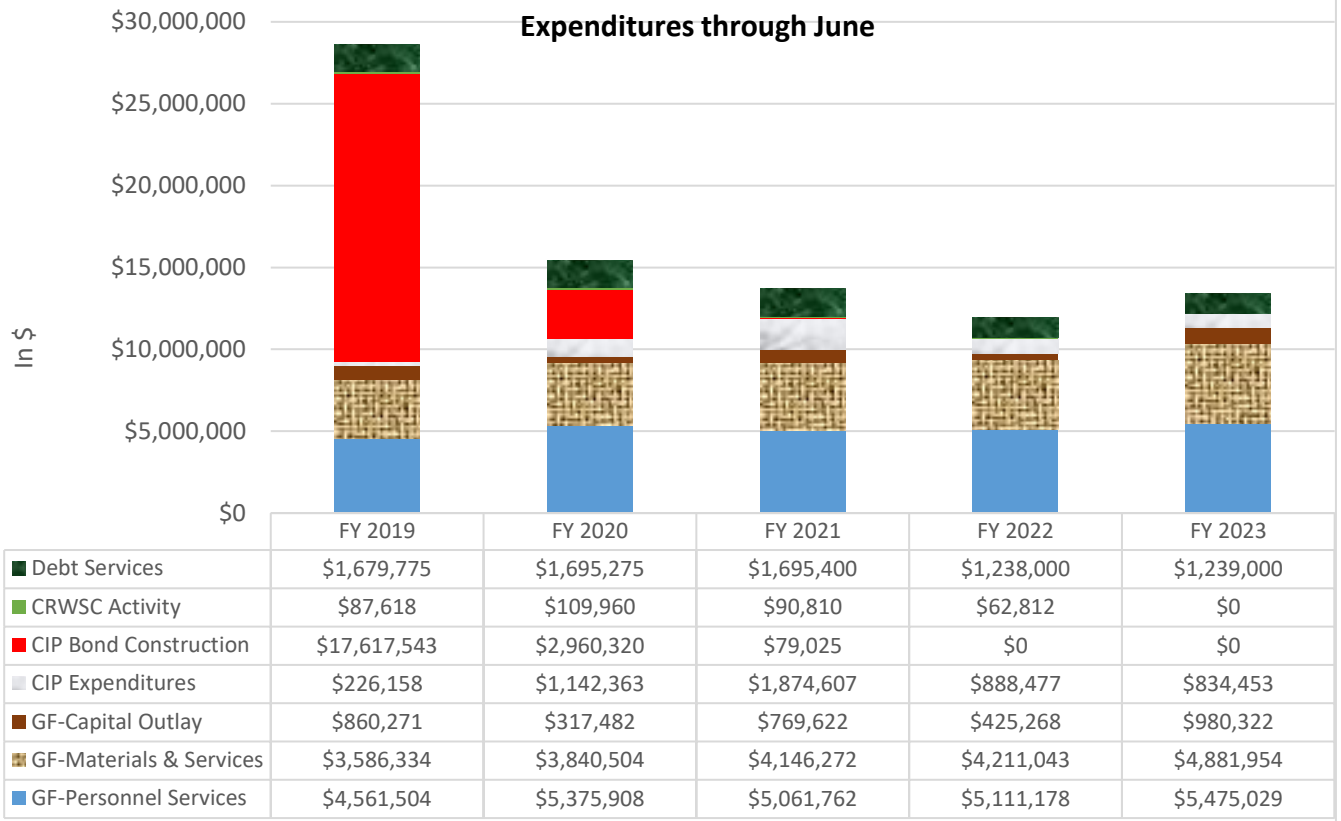
Summary of Legal

July 2023

Harrang Long Gary Rudnick monthly retainer	\$ 4,600.00
Harrang Long Gary Rudnick work outside of retainer/Client Cost	\$ 128.00
Sub-contracted legal services	\$ _____
Total Legal	\$ 4,718.00

Public Records Request Received

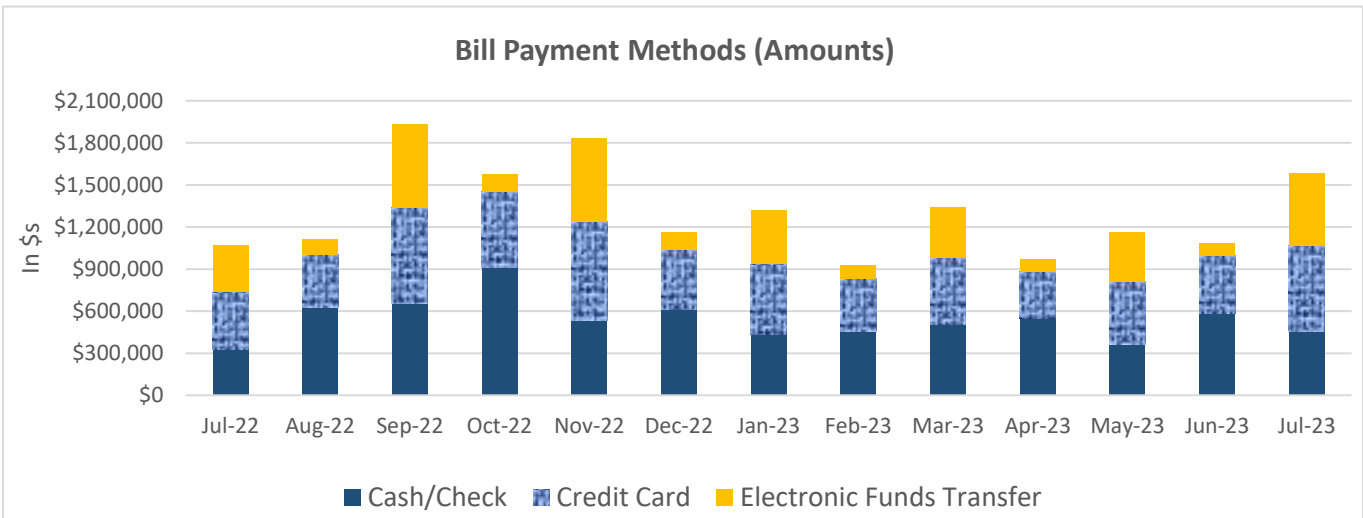
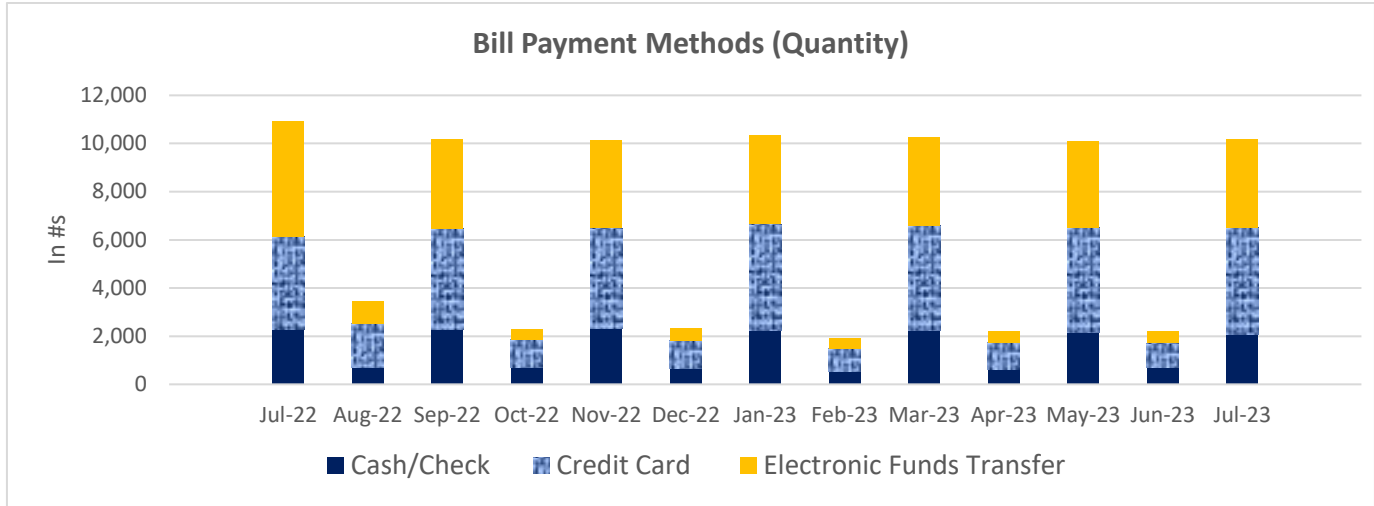
Number of Records Requests Received in July 2023 **0**



1) SDC revenue is lower than the prior years due to fewer construction projects in the district. 2) Other General Fund revenue is higher primarily due to increasing interest rates. 3) There are no costs for CIP Bond or CRWSC as those funds have been closed out but will be reported in the 5-year graph.

(as of the end of July 2023)

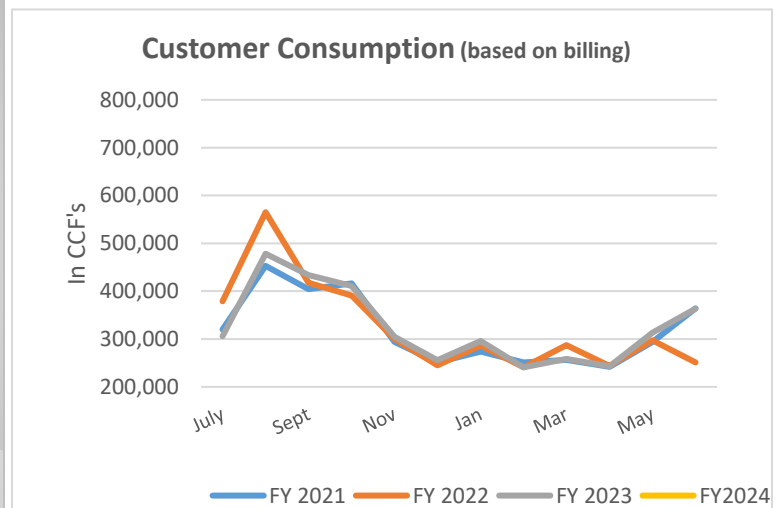
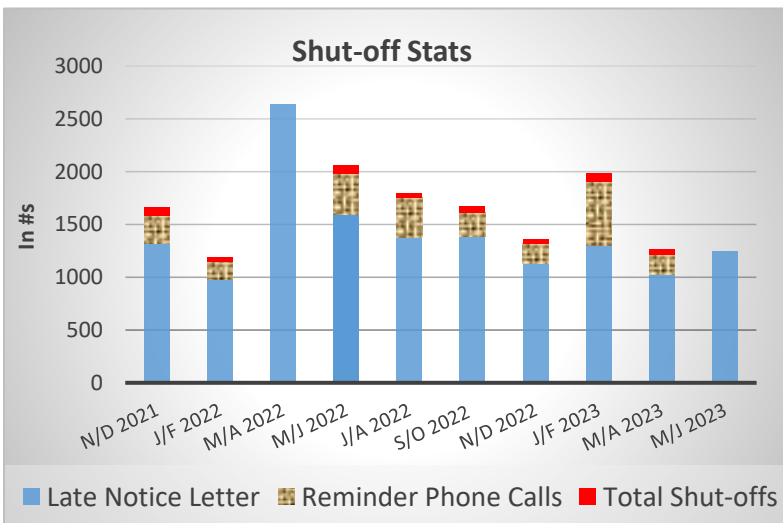
Residential Customers are billed on even months, Commercial Customers are billed on odd months.



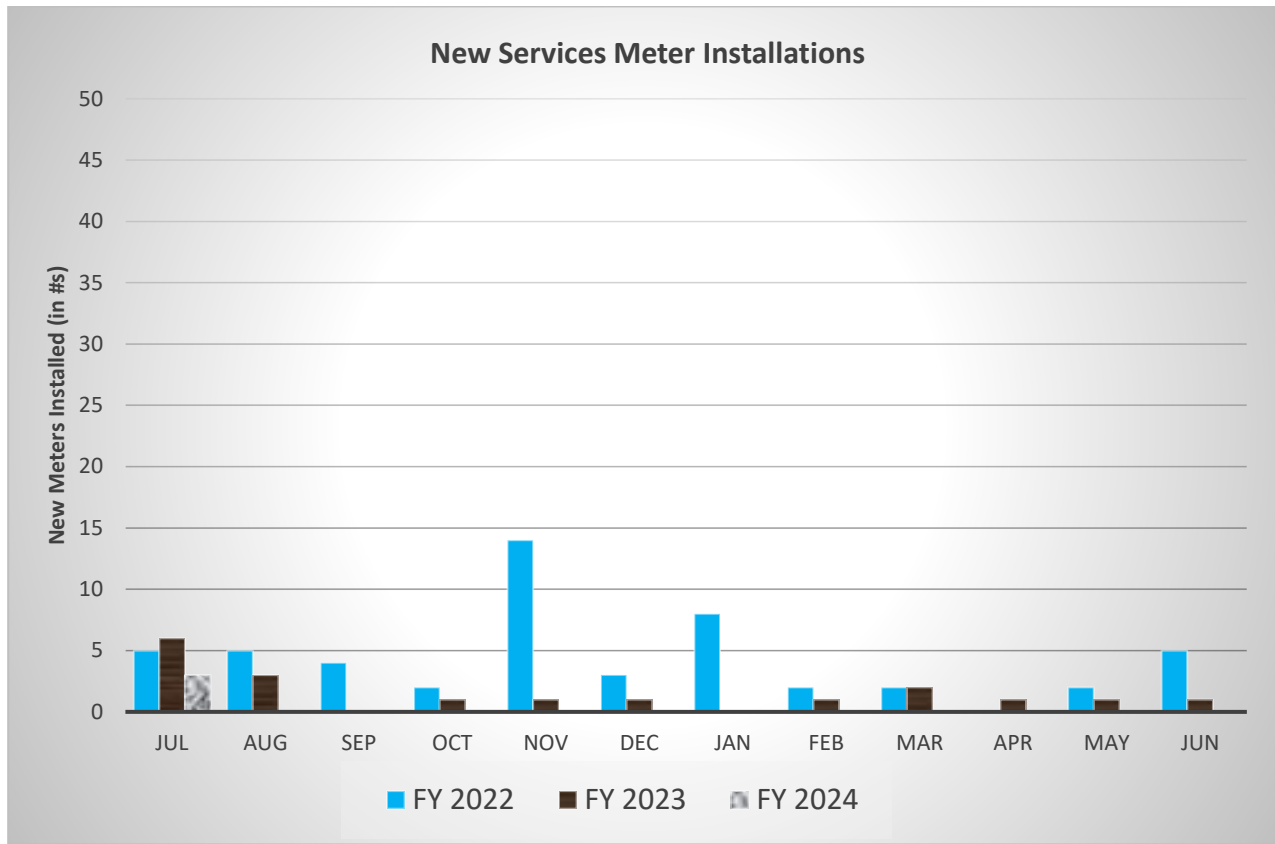
Cash/Check – Received via Lockbox, Counter

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

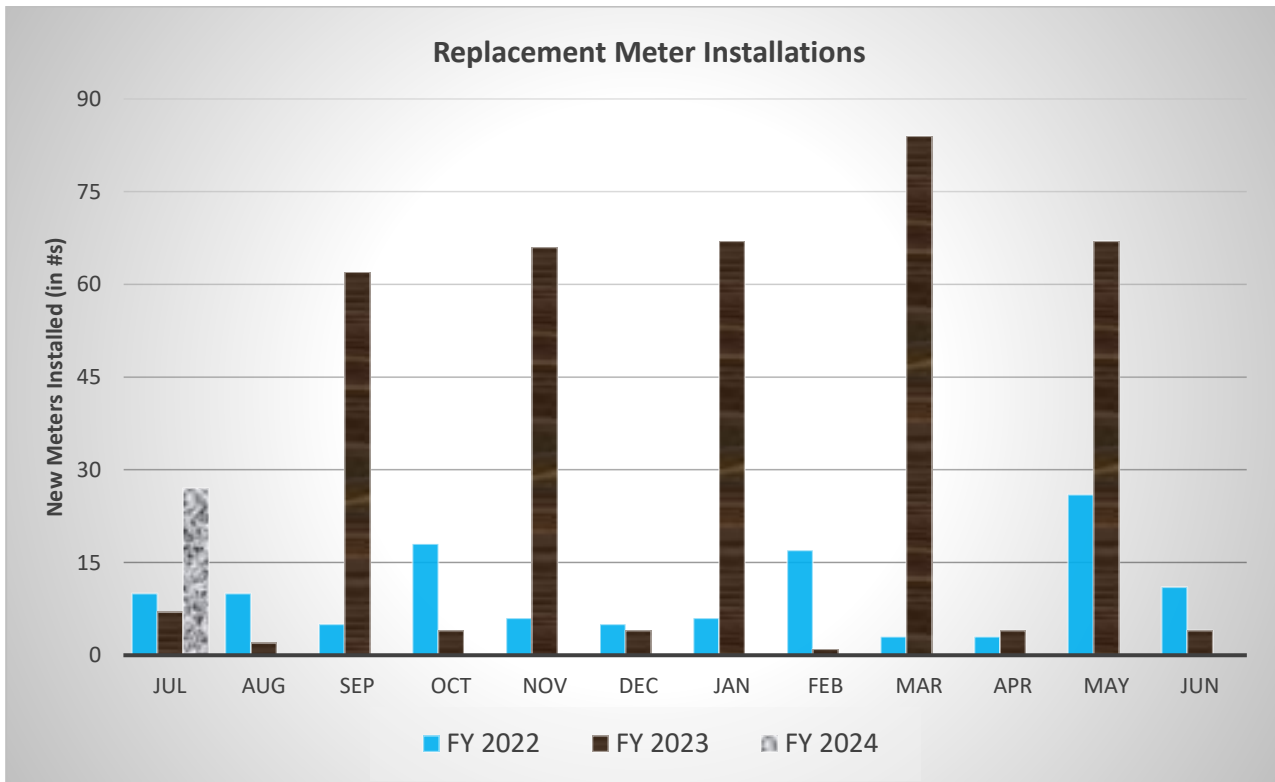
Electronic Funds Transfer – Received via Bank-to-Bank Transfer, Automatic Checking Withdrawal (RapidPay)



*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 Sept. FY21, April F22, Sept. FY 22, Sept. FY 23, Jan FY23



Annual 2023 Goal for Meter Replacement is 350- Year to date is 254

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
Jan. 2023	0	0.0	6	374	95	3	47	0
Feb. 2023	0	0.0	140	366	162	0	58	2
Mar. 2023	4	0.0	4	496	80	4	0	0
April 2022	1	23.7	169	378	219	7	0	0
May 2023	3	40.6	1	440	5	9	54	3
June 2023	1	9.0	188	401	124	7	0	1
July 2023	1	24.6	135	338	0	5	112	0
Aug. 2023								
Sep. 2023								
Oct. 2023								
Nov. 2023								
Dec. 2023								
Total to Date	10	97.9	643	2793	685	35	271	6
2023 Annual Goal	N/A	120.0	1,110	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.

Private Development Projects

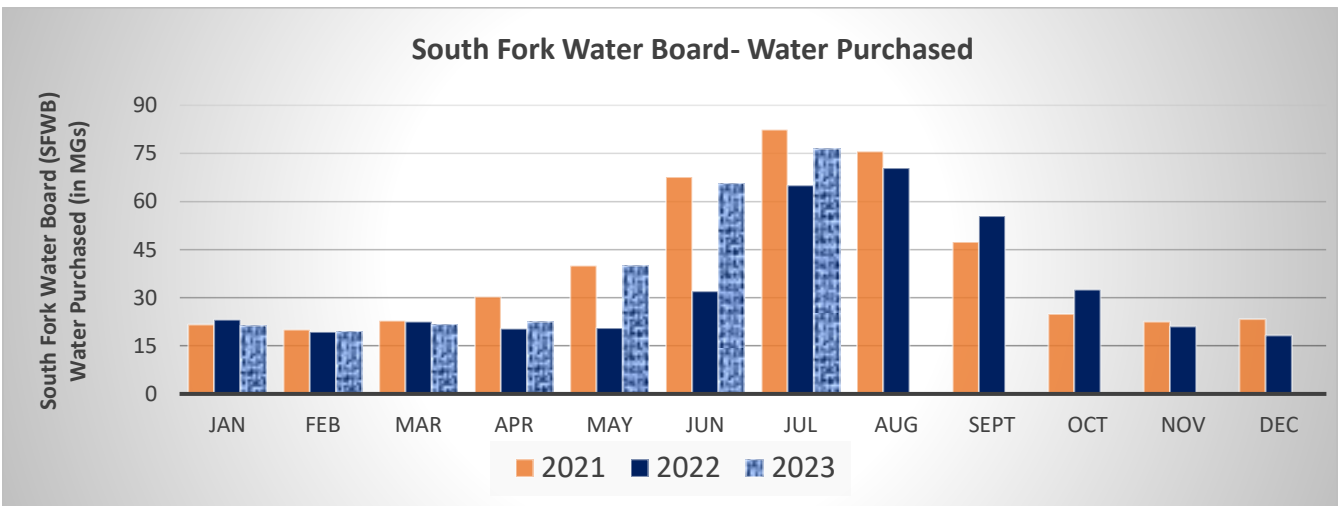
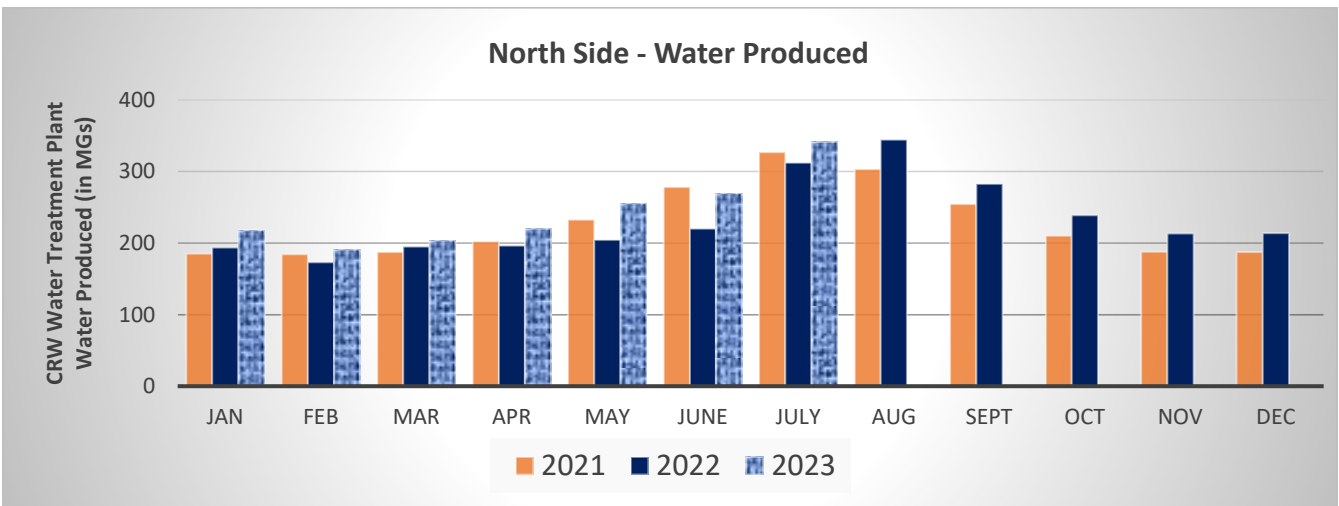
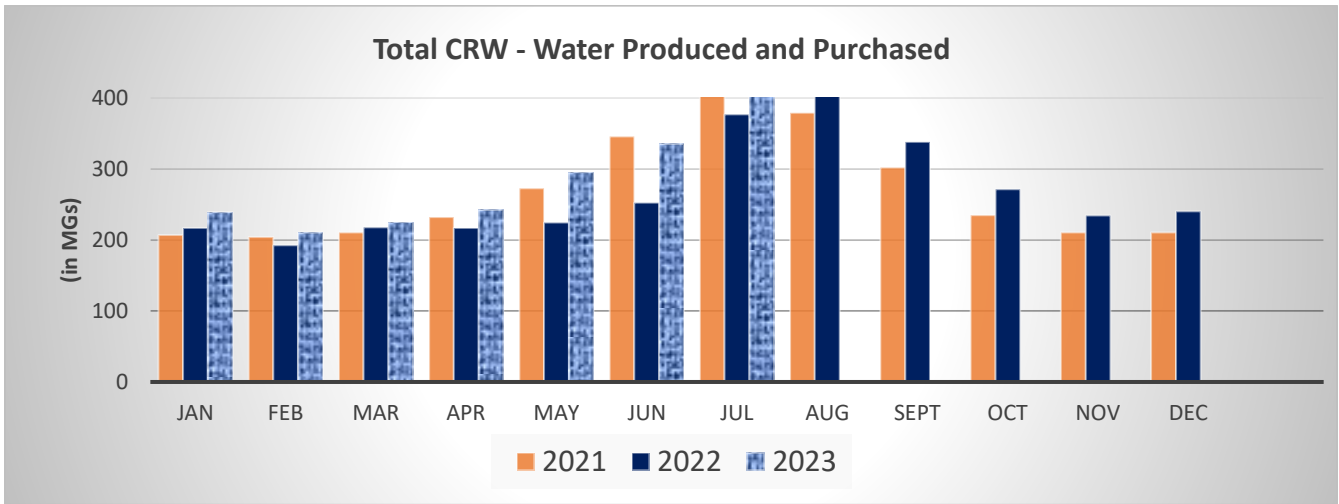
Private Project Tracking – July 2023

Project No.	Name	Description	Phase	Status
20-5262 Private	Bonaventure Senior Living	6" fire service and 3" meter	Const.	Site construction underway.
21-5285 Private	130 th Industrial Park	3-fire services 3-commercial services	Const.	Construction nearing completion.
18-5288 Private	Copper Heights	Residential 30 lot subdivision	Const.	Site construction is ongoing. Water system nearly complete.
21-5289 Private	224 Logistics Center	Unified Grocer site; 4 fire & 4 Domestic Services	Const.	Pending Construction start.
22-5293 Private	Crosswhite Industrial	New 6" fire service	Const.	Punch list Underway.
22-5294 Private	Clackamas CLT	8" main extension for 10 lot subdivision	Const.	Site construction underway
22-5295 Private	Jannsen Multi-Family	New fire and domestic service for 8-plex development.	Const.	Pending Construction start.
22-5298 Private	Serres Farms Subdivision	7-lots of subdivision	Design	Design Review Underway.
23-5299 Private	Prologis Park Clackamas	4-Warehouses with Fire and domestic service	Design	Design Review Underway.

Capital Project Tracking – July 2023

Project No.	Name	Budget BN 2023-25	Total to Date*	Remaining Budget	Status
5301	Trans/CRW Impact Projects	\$250,000	\$0	\$250,000	
Utility coordination and adjustments at: Johnson Cr. Blvd at 79th Place Signals; ODOT 82nd Ave.					
5303	82 nd Dr. Waterline	\$1,041,000	\$0	\$1,041,000	In Design
Preparing survey procurement.					
5291	I-204 Crossings:	\$1,119,000	\$0	\$1,119,000	In Design
Federal grant authorized. Preparing survey procurement.					
5306	Redland Rd. Waterline Phase 2	\$1,355,000	\$8,216	\$1,346,784	In Design
Survey complete. Design at 70% complete.					
5307	Redland Rd. PRV	\$1,003,000	\$0	\$1,003,000	No Activity
No Activity.					
5308	Low Lift PS Improvements	\$749,000	\$0	\$749,000	No Activity
No Activity					
5309	WTP Structural Improvements	\$1,000,000	\$0	\$1,000,000	No Activity
No Activity.					
5273	Redland Rd. Waterline Phase 1	\$666,000	\$0	\$666,000	Construction
Preconstruction meeting - July 31. Waterline construction starts mid-August, completion in late September.					
5270	Linwood Road Improvements	\$210,000	\$0	\$210,000	Construction
Construction has begun. CRW is coordinating service replacement work with the County and Contractor.					
5278	Monroe Street Improvements	\$850,000	\$0	\$850,000	Design in progress
Staff is preparing design for construction in 2023 prior to County project.					
5280	Pump Station Chlorine	\$142,000	\$0	\$142,000	Design in progress
Designing spaces to house the new and upgraded chlorination equipment.					
5281	WTP Polymer Feed System	\$252,000	\$0	\$252,000	Design phase
Designing space and layout of proposed feed system on first floor of WTP.					
5282	WTP Filter Valve Replacement	\$1,302,000	\$0	\$1,302,000	Valve procurement
Valves and actuators have been ordered with delivery in October 2023. An installation contract is being prepared.					
	Totals	\$9,939,000	\$8,216	\$9,930,784	

- Total expenditure for July does not include labor overhead.



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.

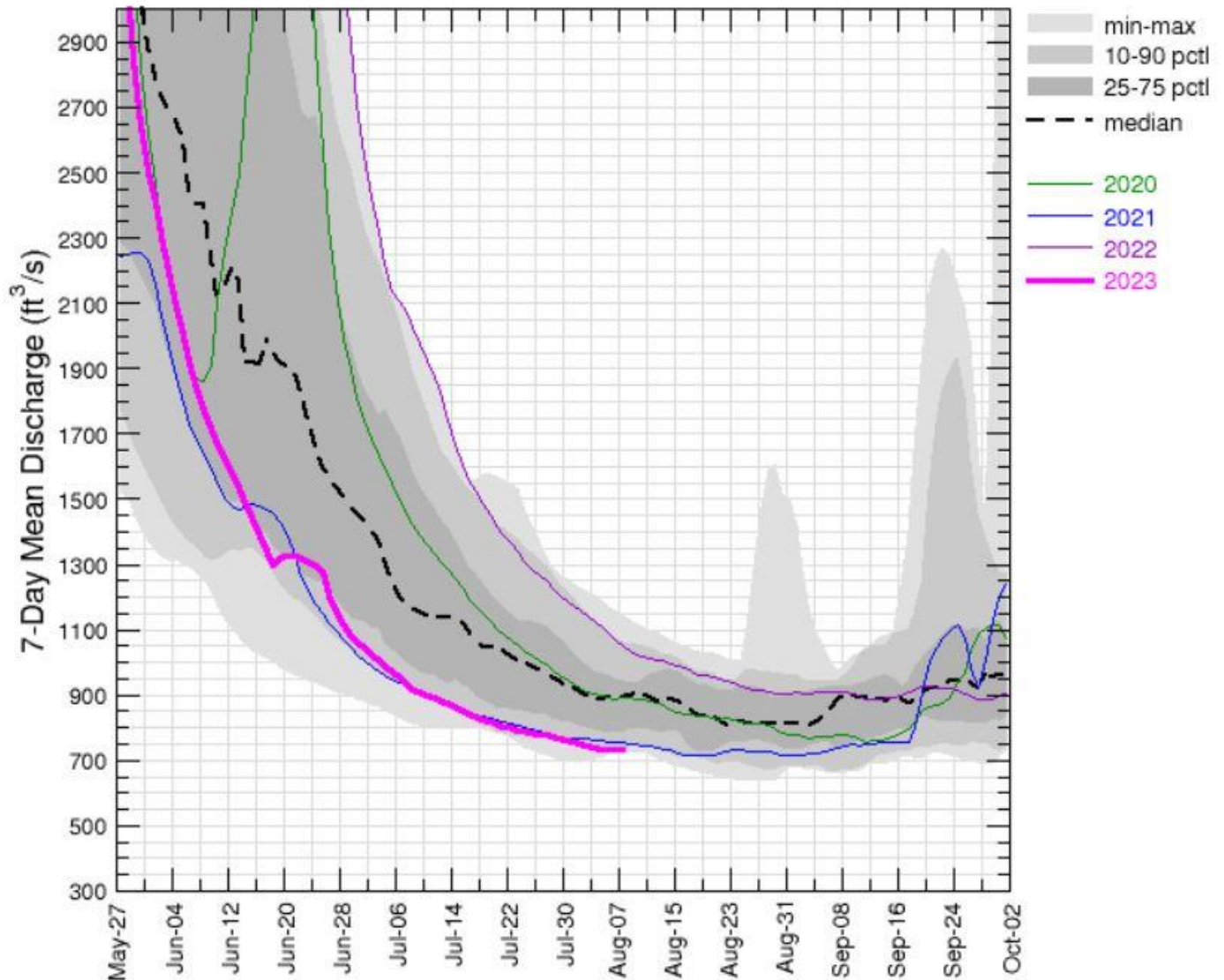
Weekly algae monitoring is occurring at 3 locations in the North Fork Reservoir and CRW's intakes. This work includes species monitoring with the FlowCAM and nutrient analysis.

River Conditions Reports

- The current Clackamas River **7-day average streamflow is 82% of normal** (median).
- July **precipitation in the Clackamas basin was 6% of normal**. Precipitation since the beginning of the water year (October 1 – August 6) has been 77% of normal.
- **The three-month outlook (Aug-Oct)** from the NOAA Climate Prediction Center calls for a likely chance of **above normal temperatures**, and slightly elevated chance of **below-normal precipitation** for the northern half of Oregon.

Clackamas River near Oregon City, OR (14211010)

Data from U.S. Geological Survey, Jun-08-2001 to Aug-07-2023



Mon Aug 7 14:04:58 2023