



Clackamas River Water

Monthly Update

June 2023



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Purchase Order Report- May 2023

Purchase Order Report - May 2023

Vendor: 00094 - GFS CHEMICALS INC.

PO #	Description	Total Amount
23-0134	TURBIDITY STANDARDS	404.20

Vendor: 00165 - UNIVAR SOLUTIONS USA INC

PO #	Description	Total Amount
23-0122	CALCIUM HYPOCHLORITE 3" TABS	2,725.60

Vendor: 01376 - BUD'S CRANE SERVICE INC

PO #	Description	Total Amount
23-0136	BLANKET PO - CRANE SERVICE	3,000.00

Vendor: 01541 - HARRIS WORKSYSTEMS

PO #	Description	Total Amount
23-0127	ERGONOMIC CHAIR - TAYLOR, C.	1,302.65

Vendor: 01653 - NORTHSIDE FORD TRUCK SALES INC

PO #	Description	Total Amount
23-0138	BLANKET PO FOR VEHICLE SERVICE AND REPAIR	3,000.00

Vendor: 01844 - FERGUSON ENTERPRISES INC

PO #	Description	Total Amount
23-0123	12" INSERTION VALVE	16,800.00

Vendor: 02246 - CONCRETE SAWING COMPANY INC

PO #	Description	Total Amount
23-0133	CONCRETE DRAINAGE CUTS - TOP OF CLEARWELL	2,025.00

Vendor: 02319 - NURNBERG SCIENTIFIC

PO #	Description	Total Amount
23-0137	LABORATORY INCUBATOR	3,542.14

Vendor: 03212 - EVOQUA WATER TECHNOLOGIES, LLC

PO #	Description	Total Amount
23-0126	ANNUAL DI WATER SYSTEM MAINTENANCE	5,000.00

Vendor: 03775 - FIELD INSTRUMENTS & CONTROLS

PO #	Description	Total Amount
23-0121	30" MAG FLOW METER	22,708.72

PO #	Description	Total Amount
23-0130	2 PH PROBES FOR ENDRESS + HAUSER SYSTEM	1,237.58

Vendor: 04138 - THE CHARLES MACHINE WORKS

PO #	Description	Total Amount
23-0135	(2) UNDERGROUND LINE LOCATORS	8,597.84

PO #	Description	Total Amount
23-0128	Rebuild Low Lift Pump #3	50,000.00

Vendor: 04250 - CIMCO-GC SYSTEMS, LLC, DBA GC SYSTEMS

PO #	Description	Total Amount
23-0132	3/8" CLA-VAL CRD Reducing Pilot, Bronze	680.00

Vendor: 04320 - CHOWN INC

PO #	Description	Total Amount
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23-0124	CRW FACILITIES LOCK & KEY CONVERSION	18,855.21
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Vendor: 04386 - SWIFTCOMPLY US OPCO INC

PO #	Description	Total Amount
23-0131	SWIFT COMPLY DATA BASE MIGRATION	8,950.00

Vendor: 04491 - MJU INDUSTRIAL, LLC

PO #	Description	Total Amount
23-0125	RECOAT AND IMPROVE SAFETY OF CLEARWELL TOP	42,150.00

Vendor: 04494 - INSTRUMART

PO #	Description	Total Amount
23-0129	Watgate DM5E Ultrasonic Thickness Gauge	1,751.00

Contract Log

(Executed since last board meeting May 11, 2023)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Meng-Hannan Construction	Fuel Station Expansion Project	NTE \$105,000	12/19/22	7/14/23	Time extension only
United Site Services	Portable chemical toilet rental	NTE \$25,000	6/1/23	5/31/24	Extended

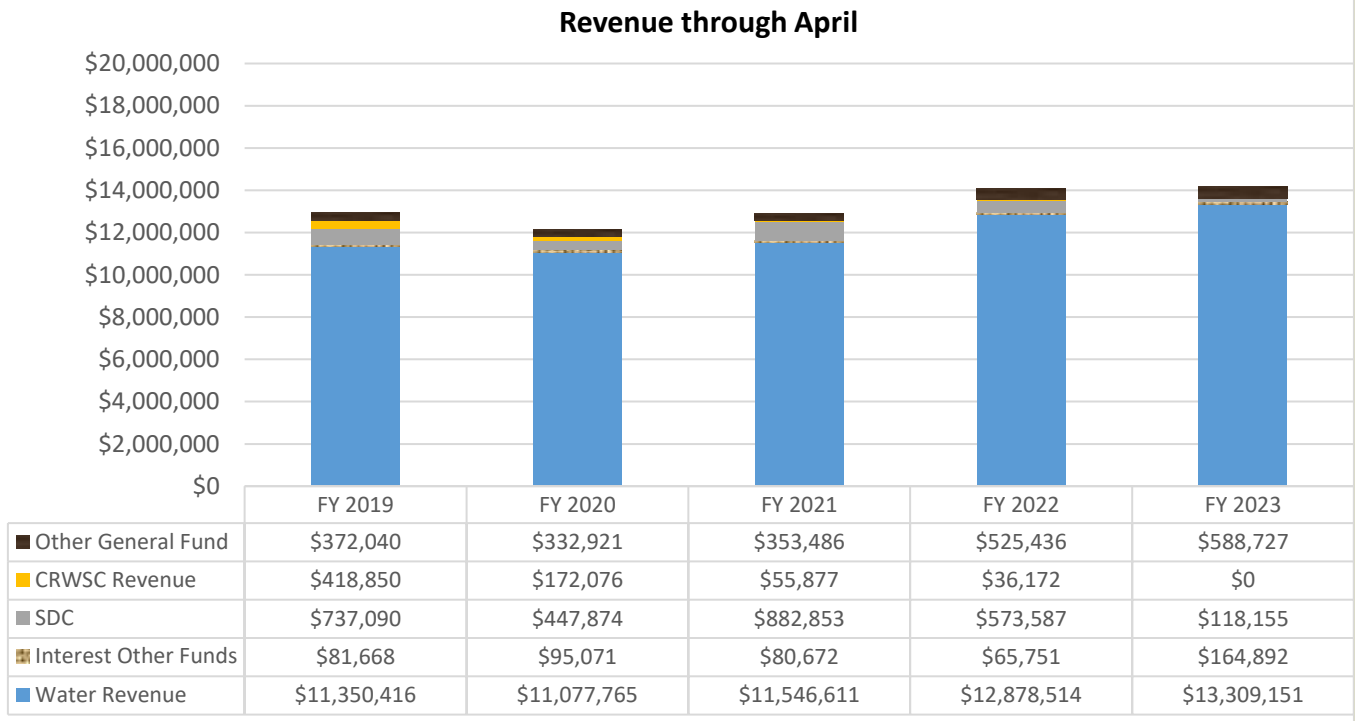
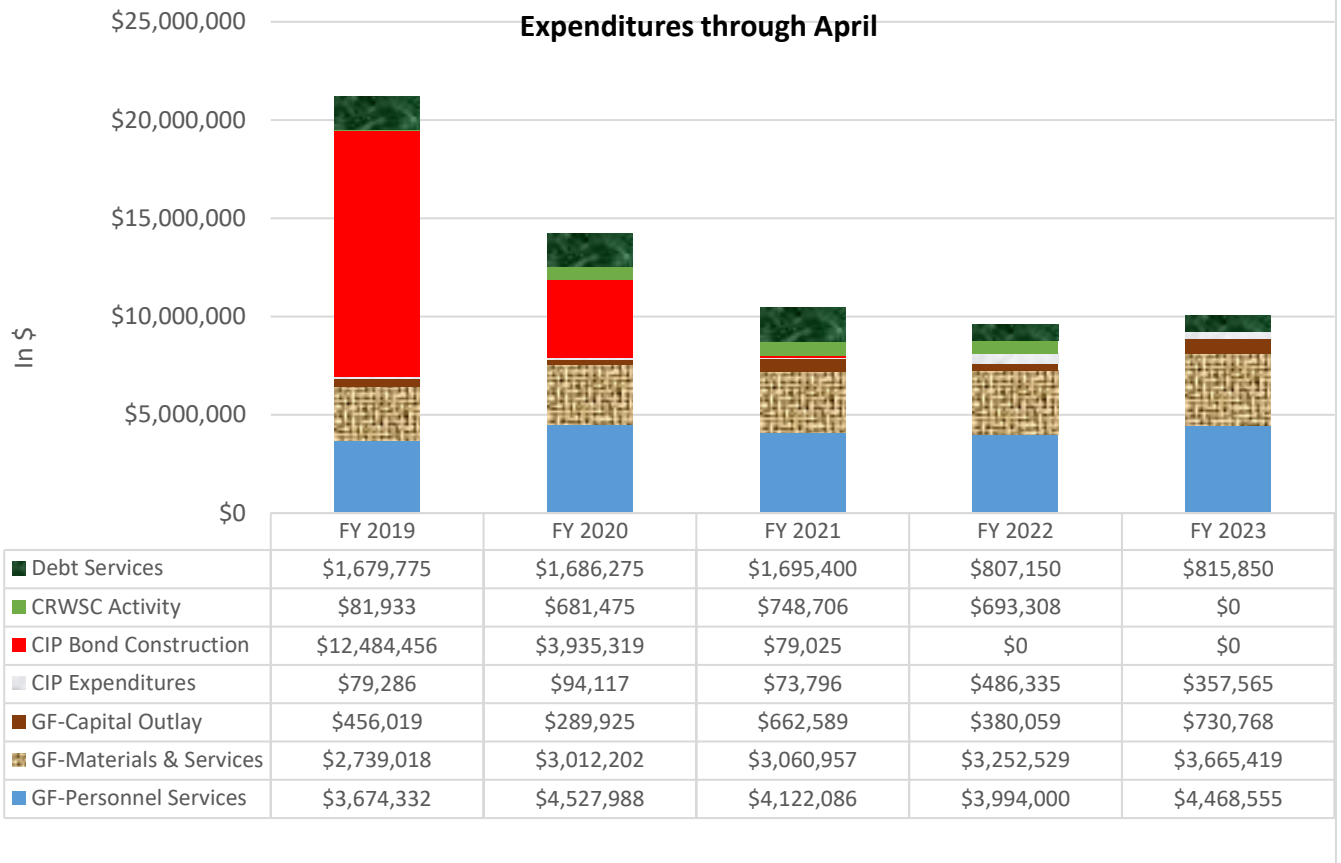
Summary of Legal

May 2023

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

Public Records Request Received

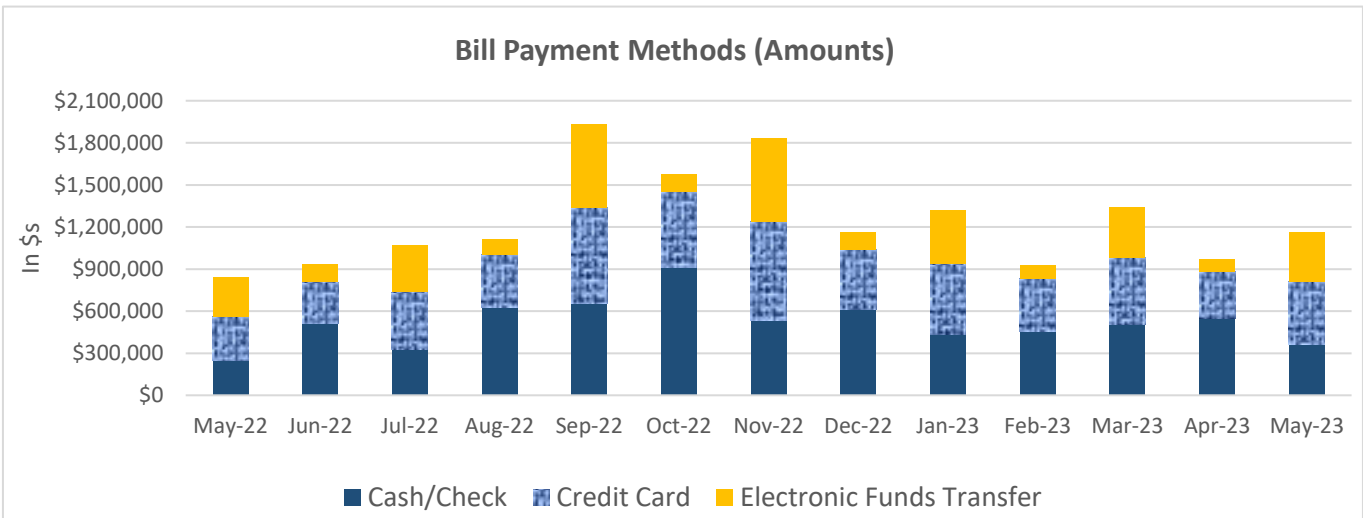
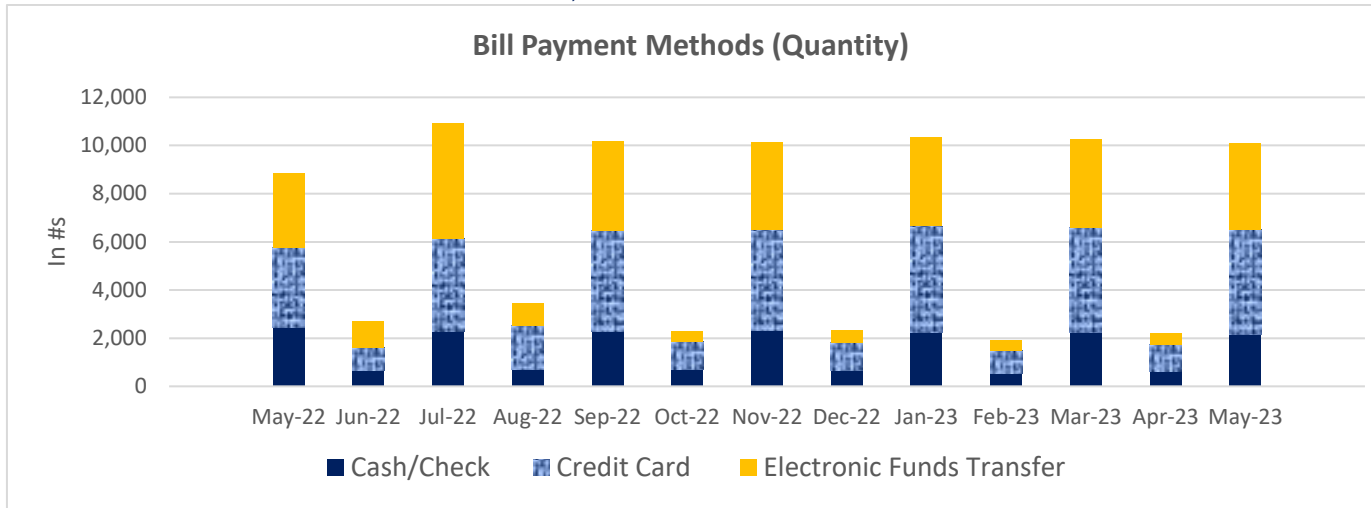
Number of Records Requests Received in May 2023 **0**



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 May 2023)

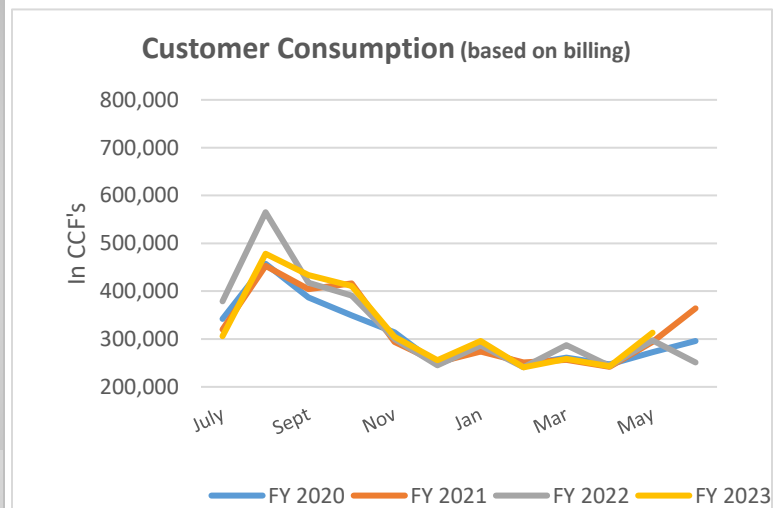
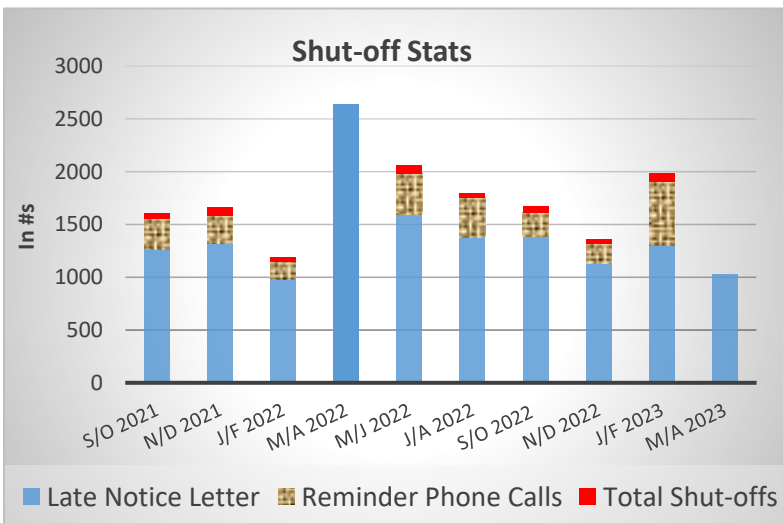
Residential Customers are billed on even months, Commercial Customers are billed on odd months.



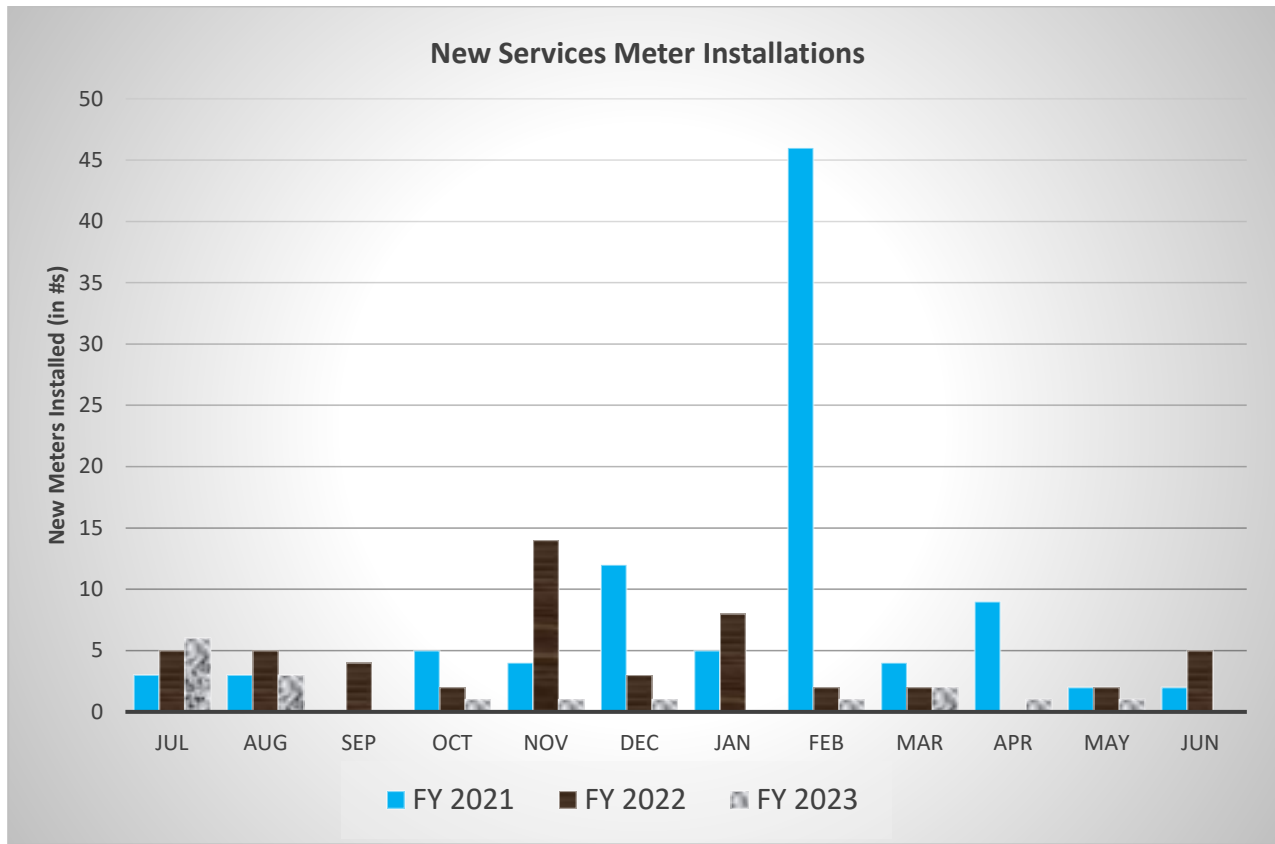
Cash/Check – Received via Lockbox, Counter

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

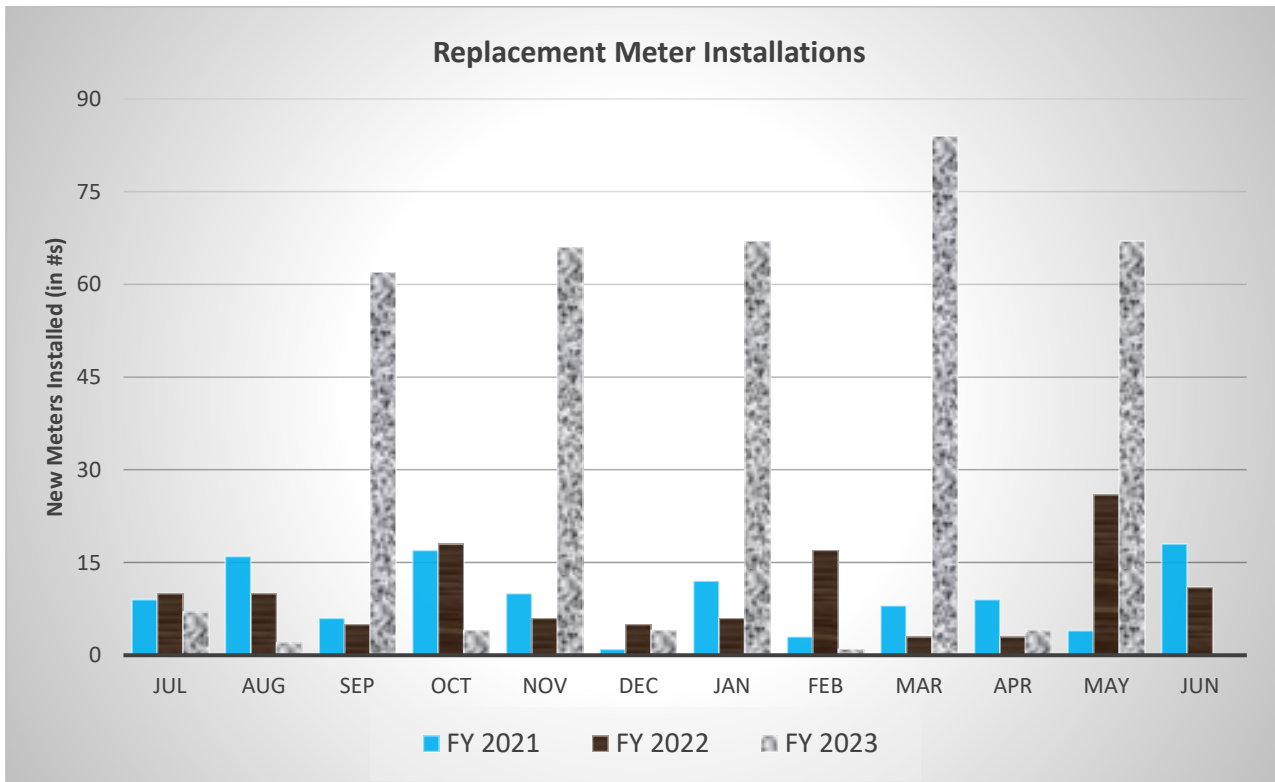
Electronic Funds Transfer – Received via Bank-to-Bank Transfer, Automatic Checking Withdrawal (RapidPay)



*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 223

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								
July 2023								
Aug. 2023								
Sep. 2023								
Oct. 2023								
Nov. 2023								
Dec. 2023								
Total to Date	8	64.3	320	2054	561	23	159	5
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.

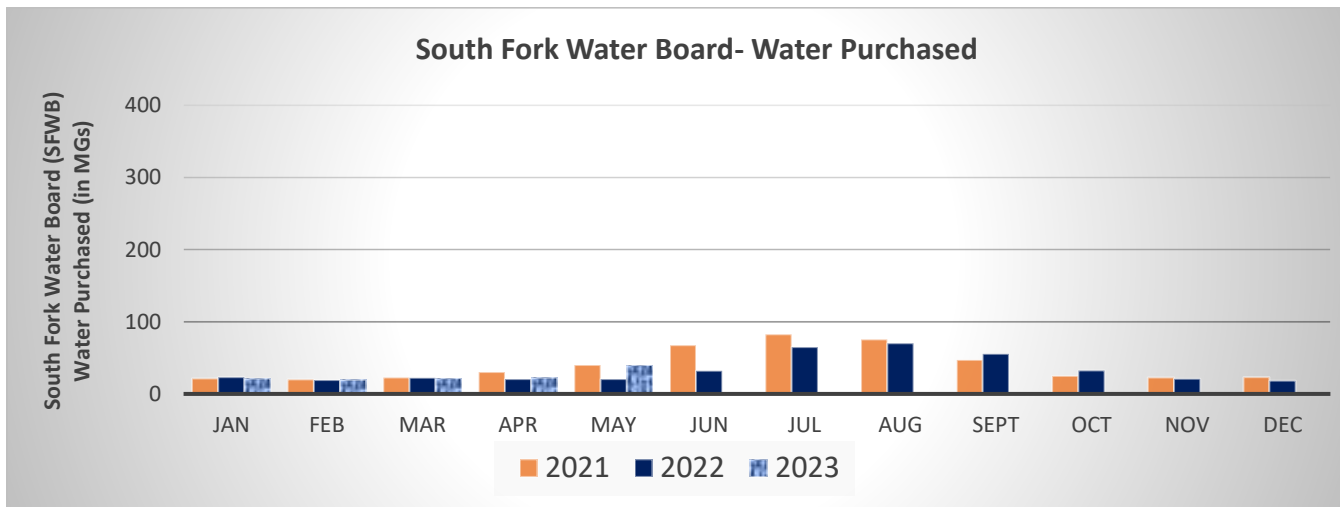
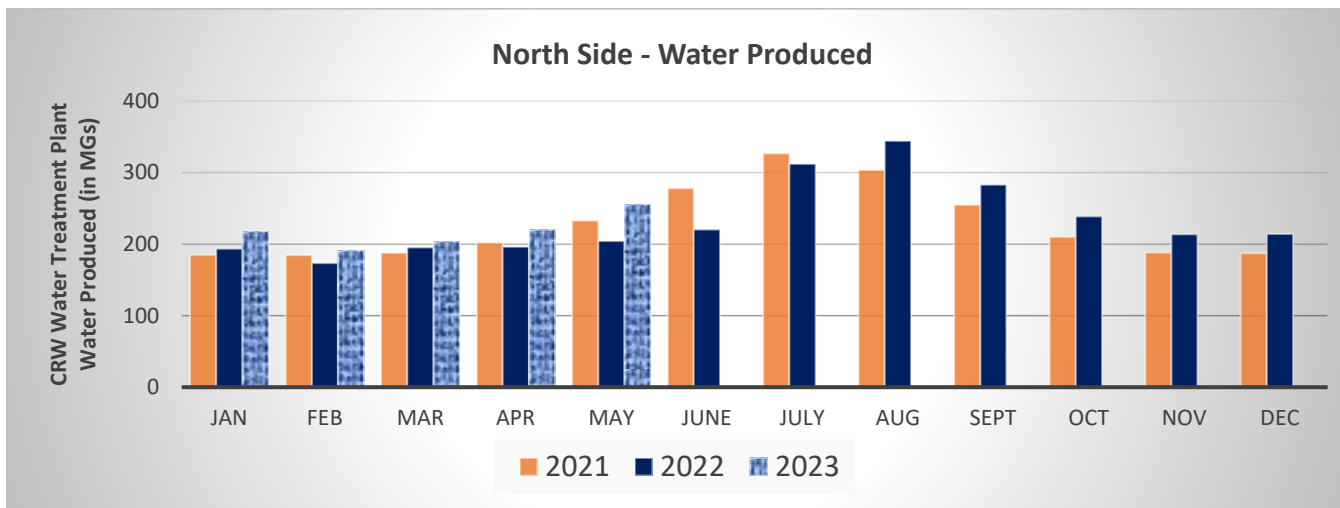
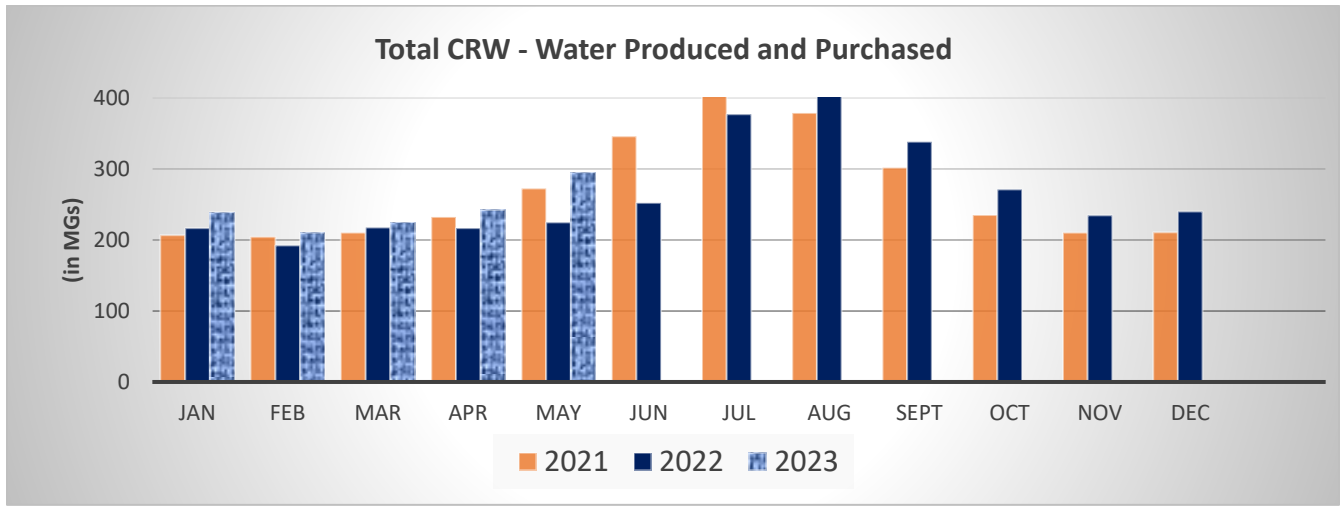
Private Development Projects

Private Project Tracking – May 2023

Project No.	Name	Description	Phase	Status
20-5262 Private	Bonaventure Senior Living	6" fire service and 3" meter	Const.	Pending Construction start.
21-5283 Private	NCSD Facility	1 - 6" Fire Service 3 - domestic meters	Const.	Punch list 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.	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.	Pending Construction Start
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 – May 2023

Project No.	Name	Budget BN 2021-23	Total to Date*	Remaining Budget	Status
5274	ODOT/City/Clackamas County DTD	\$250,000	\$15,952	\$234,048	
Utility coordination and adjustments at: Johnson Cr. Blvd at 79th Place Signals; WES force mains, ODOT 82nd Ave.					
5275	Athens Drive Waterline	\$641,000	\$516,373	\$124,627	Complete
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 has been abandoned for this biennium.					
5277	Leland Road Master Meter	\$493,000	\$1,850	\$491,150	No Activity
Discussing Oregon City logistics and impact of meter transfers. The project has been abandoned for this biennium.					
5273	Redland Rd. Waterline Phase 1	\$1,080,000	\$223,759	\$857,504	Construction
County is contracting with Contractor - Dirt and Aggregate Interchange. CRW waterline to be performed by County Contractor via IGA with County. Anticipate work start n late June 2023.					
5270	Linwood Road Improvements	\$328,000	\$207,031	\$120,969	Construction
Construction has begun. CRW is coordinating service replacement work with the County and Contractor.					
5278	Monroe Street Improvements	\$940,000	\$23,809	\$916,191	Design in progress
County road improvement schedule has construction in 2024. Staff is preparing design for construction in 2023 prior to County project.					
5279	Maplelane Road Waterline	\$846,000	\$66,282	\$780,050	Construction
Construction is underway with completion in late June.					
5280	Pump Station Chlorine	\$168,000	\$15,185	\$152,815	Design in progress
Designing spaces to house the new and upgraded chlorination equipment.					
5281	WTP Polymer Feed System	\$476,000	\$6,871	\$469,129	Design phase
Designing space and layout of proposed feed system on first floor of WTP.					
5282	WTP Filter Valve Replacement	\$692,000	\$17,256	\$674,744	Valve procurement
Valves and actuators have been ordered with delivery in October 2023. An installation contract is being prepared.					
5253	82nd Dr. - Phase 1 (Carryover)	\$97,000	\$46,974	\$50,026	Complete.
5287	90th St PS Electrical		\$55,825	(\$55,825)	Complete.
5291	I-205 Crossing		\$752	(\$752)	On hold
5292	Johnson Creek Blvd. Improv.		\$1,140	(\$1,140)	Utility coordination
5243	CRC Mobility Improvements		\$3,285	(\$3,285)	Complete
5296	Holly Lane Pipe Repair		\$43,270	(\$43,270)	Complete
5306	Redland Rd WL – Phase 2		\$2,022	(\$2,022)	
***Total expenditure for May 2023 does include labor overhead					



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.

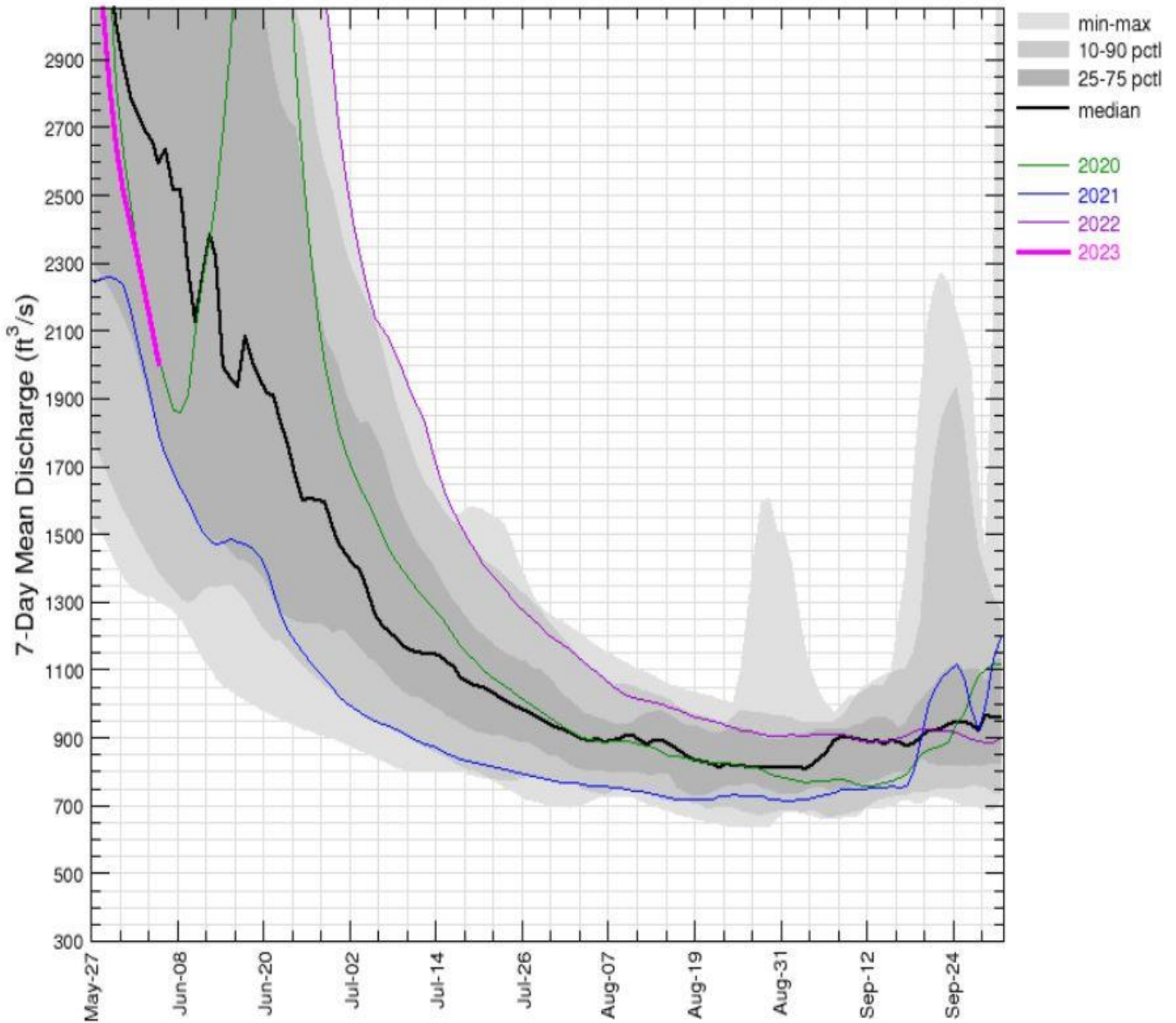
Monthly watershed sampling was conducted at 4 long-term sampling locations for total organic carbon, nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc), coliform density, pH, dissolved oxygen, TDS, and temperature.

River Conditions Reports

- As of June 5th, the **Clackamas basin snowpack has melted**. The current Clackamas River **7-day average streamflow is 79% of normal** (median).
- **May precipitation in the Clackamas basin was 36% of normal**. Precipitation since the beginning of the water year (October 1 – June 5) has been 83% of normal.
- The June through September **streamflow forecasts in the Clackamas River at Estacada is near 100% of median**.
- **The three-month outlook (Jun-Aug)** from the NOAA Climate Prediction Center calls for an elevated chance of **above normal temperatures**, and slightly elevated chance of **below-normal precipitation** for most of Oregon.

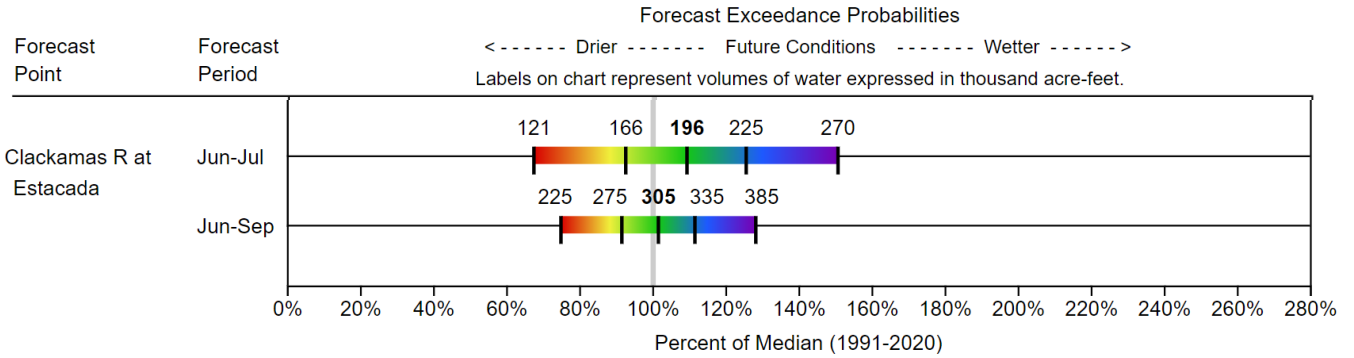
Clackamas River near Oregon City, OR (14211010)

Data from U.S. Geological Survey, Jun-08-2001 to Jun-05-2023



Mon Jun 5 18:22:39 2023

WILLAMETTE BASIN
Water Supply Forecasts
June 1, 2023



Legend

