



Clackamas River Water

Monthly Update

August 2021



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Contracts Log

(Executed since last board meeting July 8, 2021)

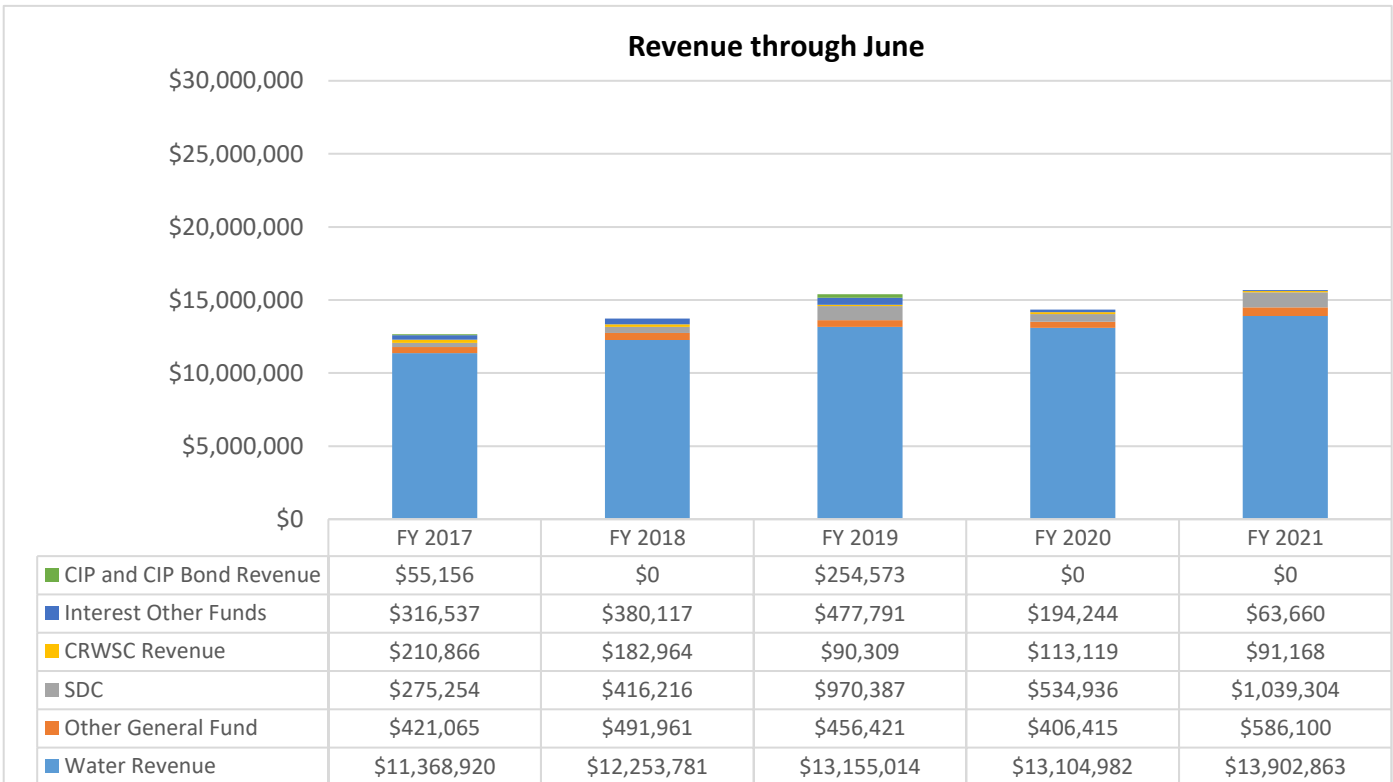
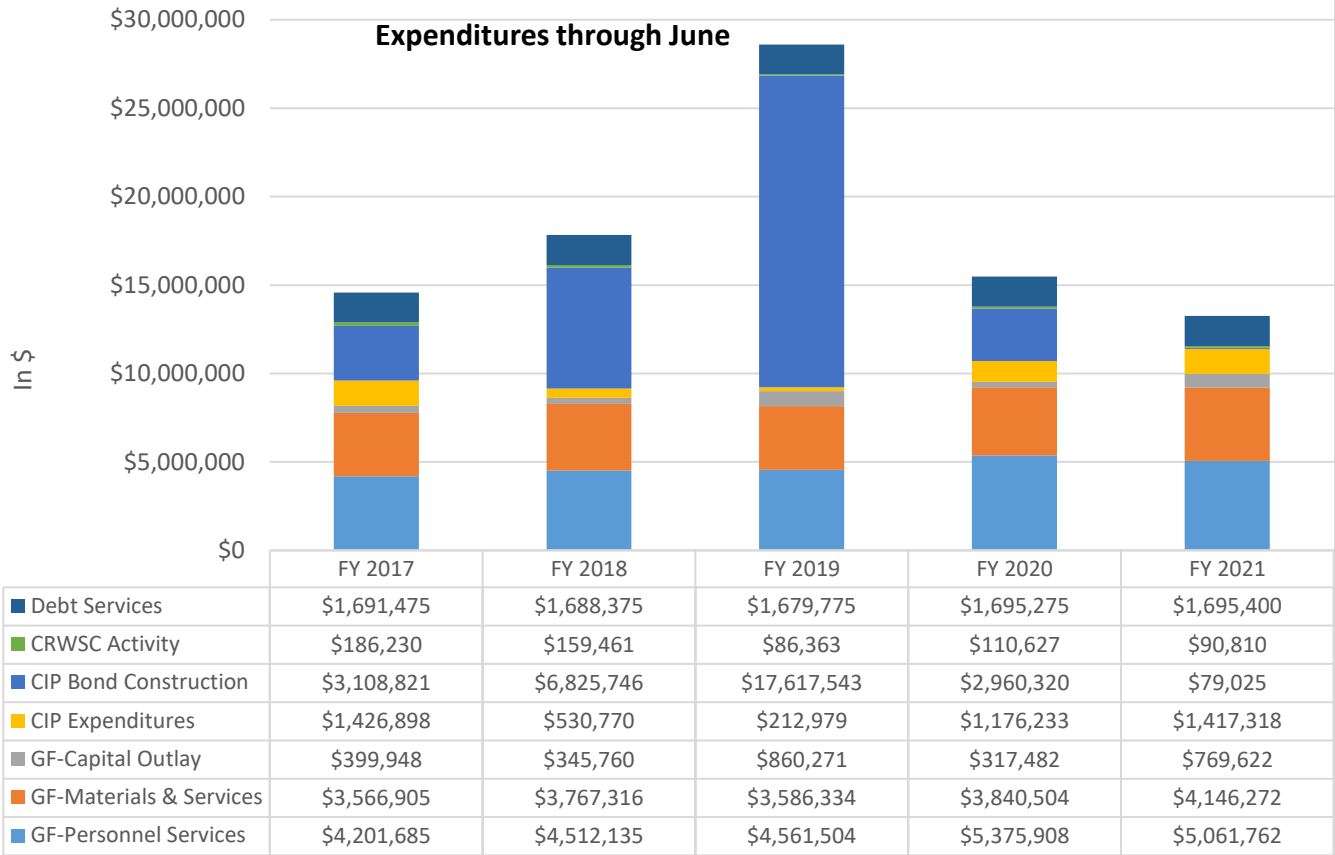
Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
River City Environmental	Hydro Vactron Services	NTE \$65,000	8/13/21	8/12/22	Approved by the Board in July on recurring contracts log
Wright Business Graphics	Bill Printing	NTE \$65,000	4/12/18	3/31/22	Amended (NTE amount approved in July)

Summary of Legal

	<i>July 2021</i>
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer	\$
Sub-contracted legal services	\$ _____
Total Legal	4,240.00

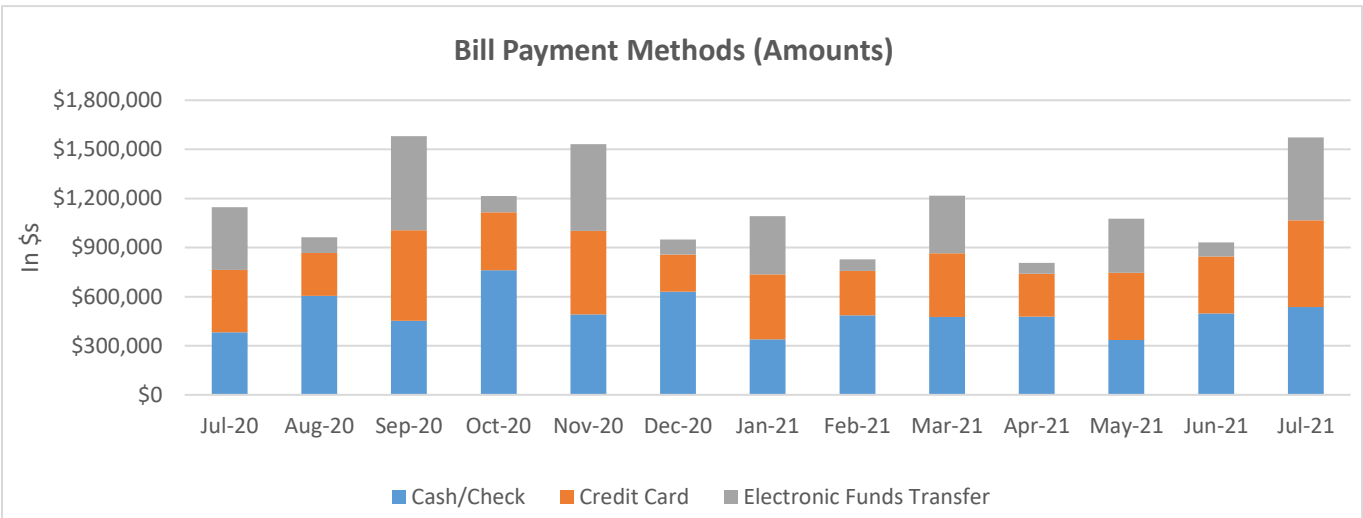
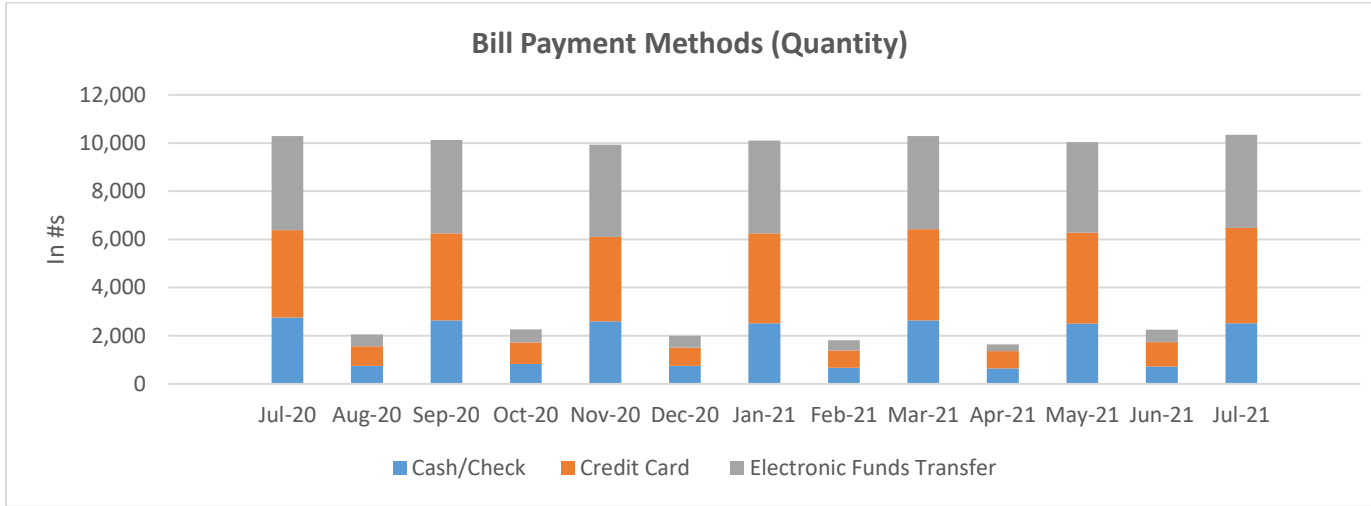
Public Records Request Received

Number of Records Requests Received in July 2021 1



(as of the end of July 2021)

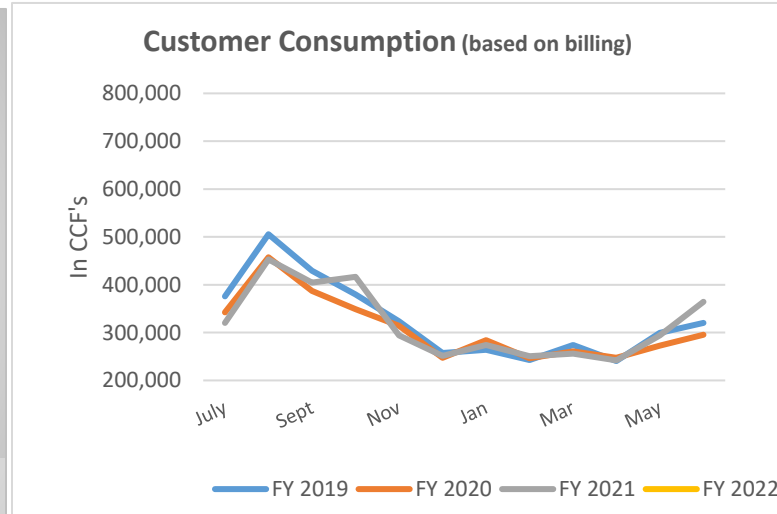
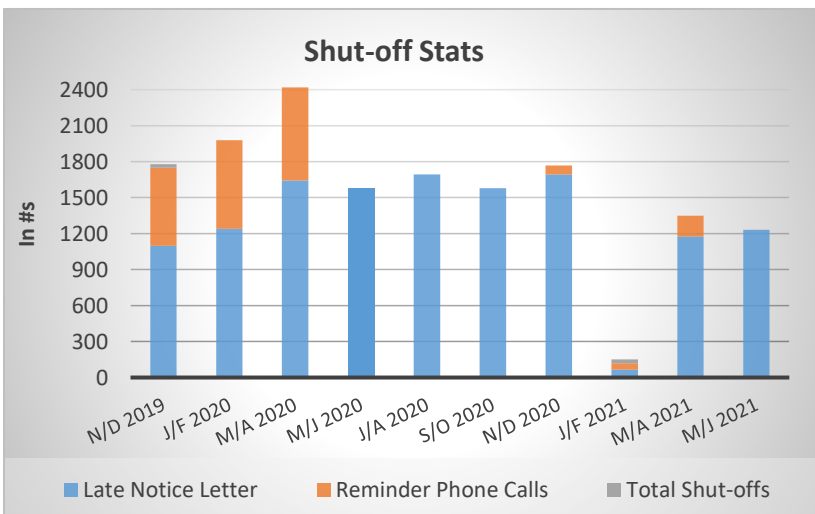
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



Cash/Check – Received via Lockbox, Counter

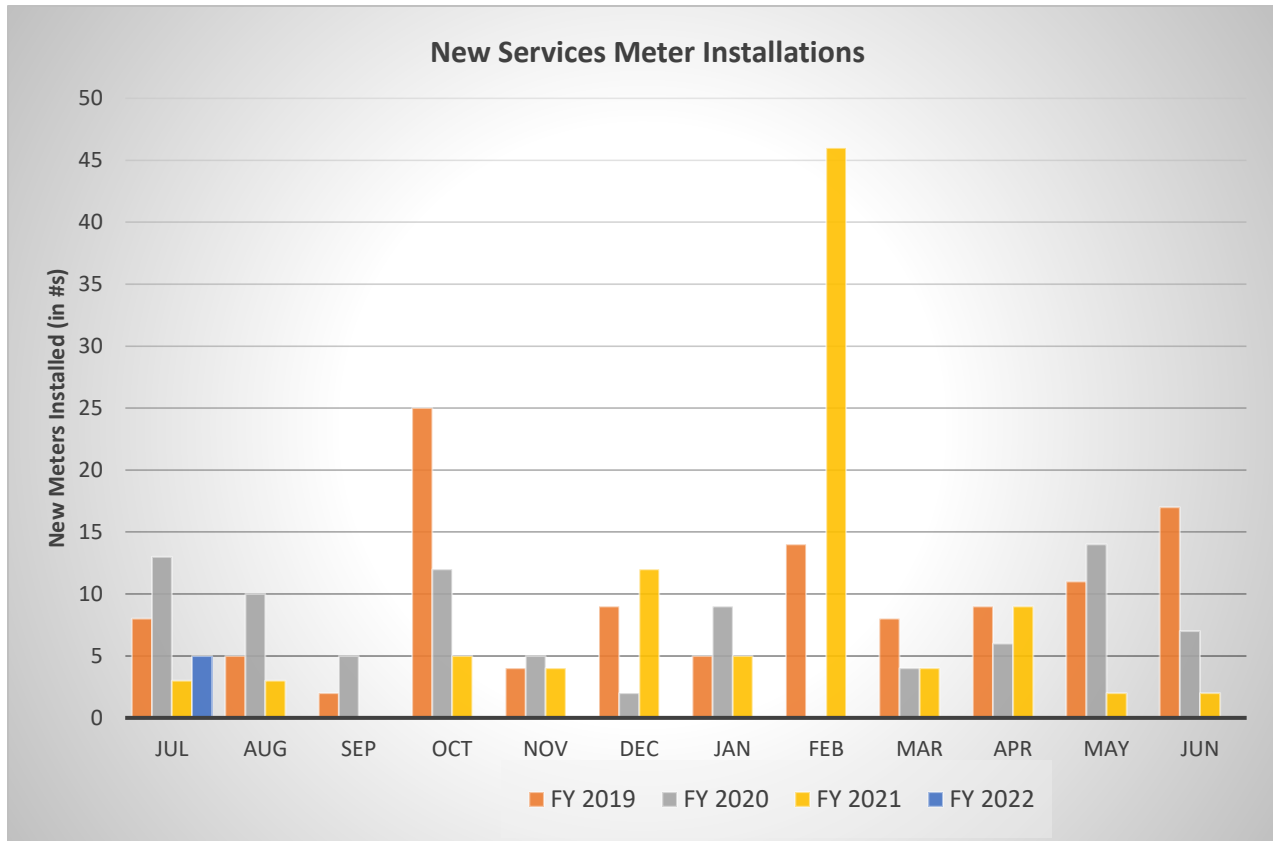
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

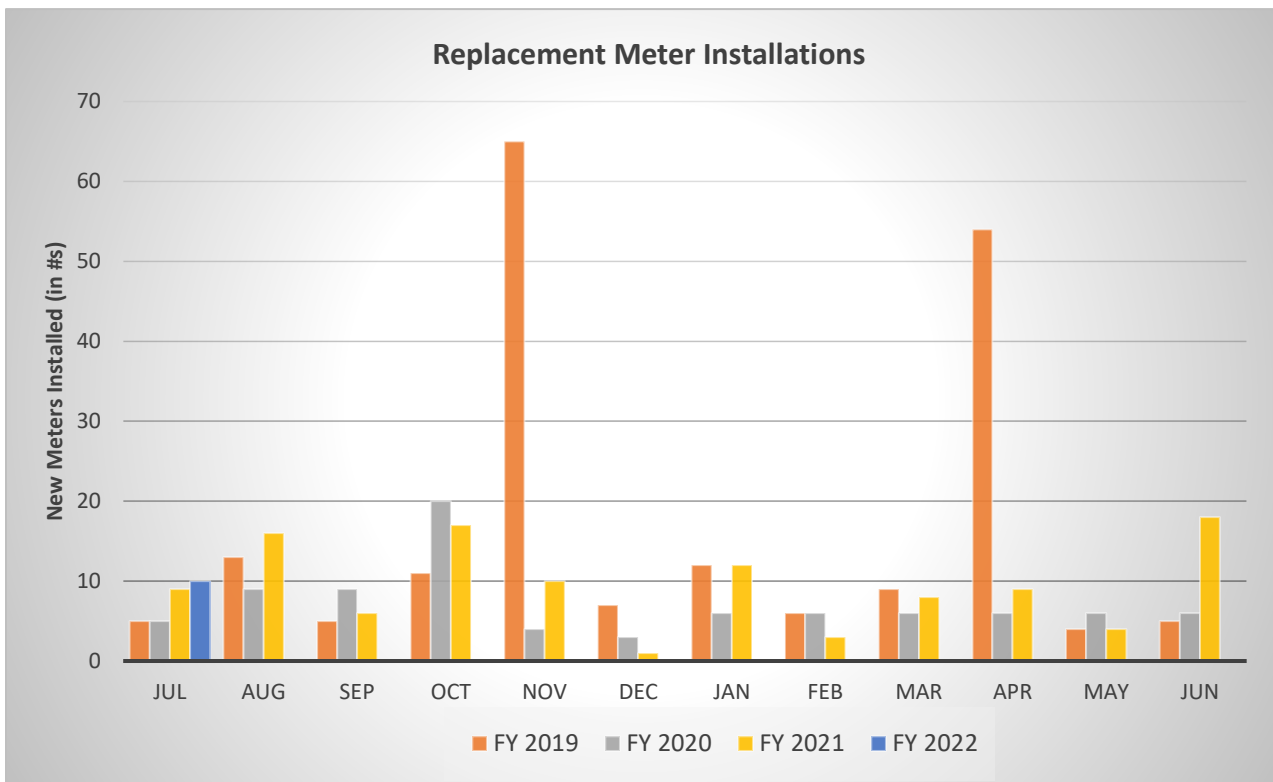


*Reminder Phone Calls are made during the even months.

Shut offs occur the following month. **Jan/Feb late notice number is an estimate *No late notices sent Sept-Dec.



No New Services for Mar. FY17 & FY18 & Feb. FY20 & Sept. FY21 & June FY 21



No Replacements for Jul., Mar.FY17

Operation Statistics

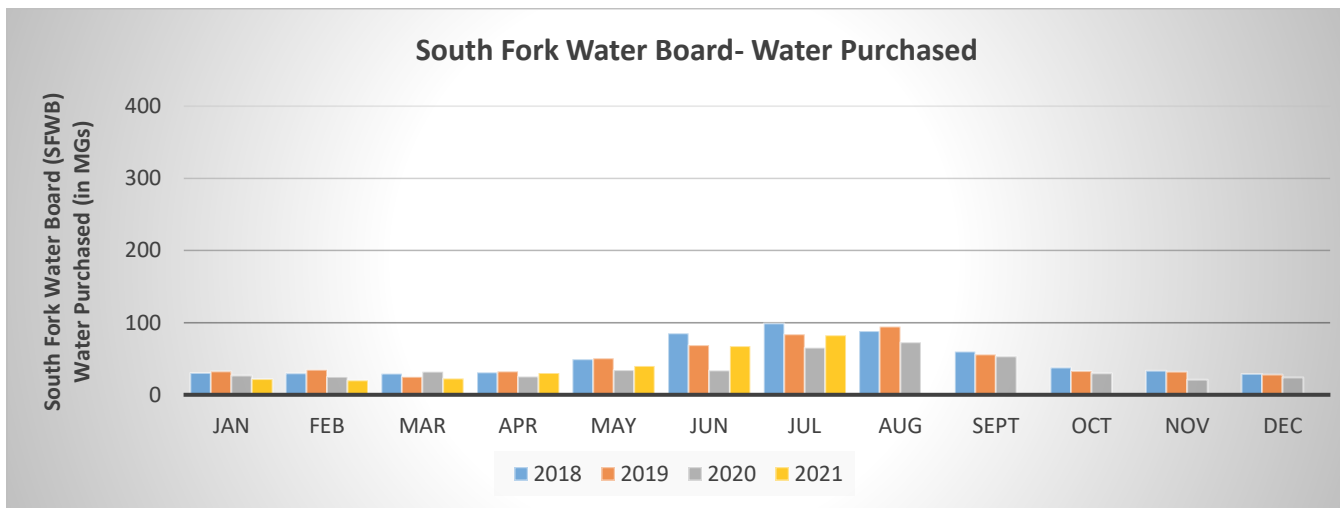
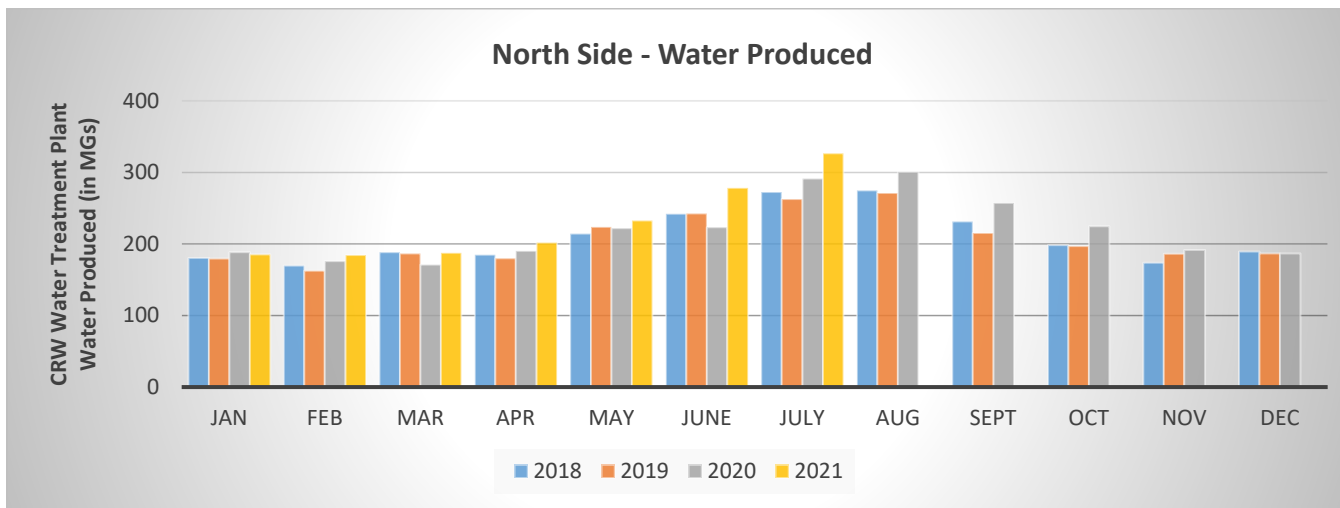
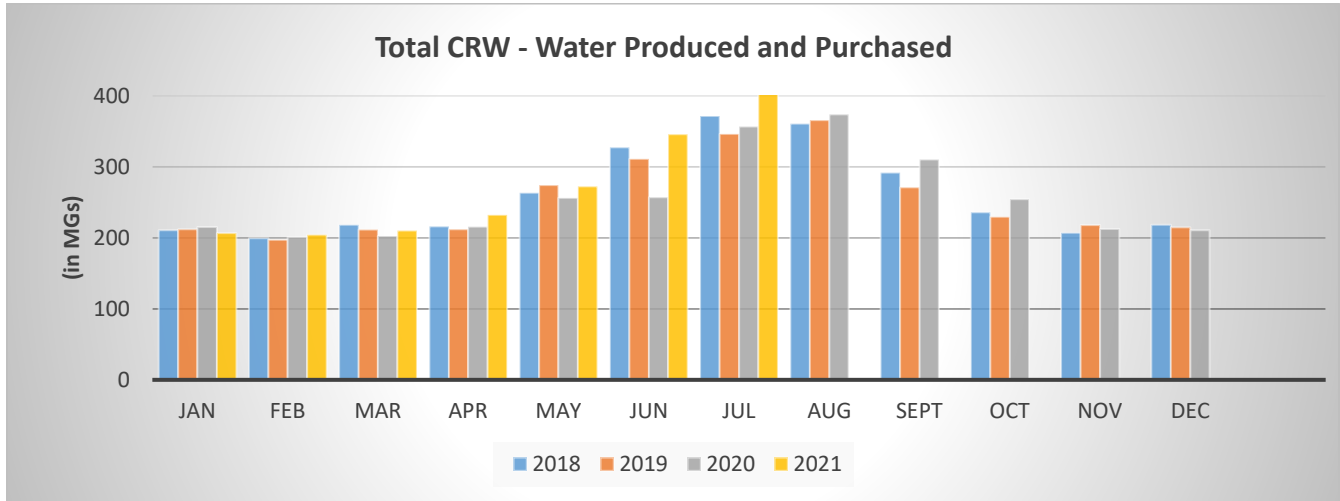
	Leak Repairs Made (all pipe sizes)	Leak Detection Completed (miles)	Hydrant Maintenance	Locate Requests	Valve Maintenance & Mapping	After-hours Callouts	Meter Maintenance Tasks	Cross Connection Inspections
July 2020	1	0.1	104	474	15	5	43	1
Aug. 2020	3	0.3	228	418	14	5	37	1
Sep. 2020	5	14.9	136	494	4	10	35	0
Oct. 2020	1	15.5	120	474	0	7	155	2
Nov. 2020	3	1	6	331	7	10	241	1
Dec. 2020	3	1	13	339	26	3	55	5
Jan. 2021	2	.2	5	419	257	7	61	5
Feb. 2021	0	2	26	327	364	7	93	6
Mar. 2021	1	12.6	80	522	106	9	36	12
April 2021	0	11.3	42	584	126	8	25	2
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

Private Project Tracking –July 2021

Project No.	Name	Description	Phase	Status
16-5205 Private	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	No Activity.
18-5232 Private	Copper Heights	Residential 30 lot subdivision on difficult site	Design	Revised land use underway.
19-5252 Private	Heirloom Apartments	8" & 12" mains for 286-unit apartments, (4) 3" meters, (7) 2" meters	Const.	Punch list underway.
19-5240 Private	Home2 Suites	12" main for 101-unit hotel, 4" meter	Const.	Punch list 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.	Construction underway.
19-5256 Private	Residence Inn by Marriot	117-unit Hotel at Clackamas Town Center, 4" meter	Const.	Punch list underway.
19-5259 Private	Washman	8" main and 2" meter	Const.	No Activity.
20-5262 Private	Bonaventure Senior Living	6" fire service and 3" meter	Const.	Pending construction start.
20-5264 Private	West Coast Storage	2 - 6" Fire Service and 2 - 2" Meters	Const.	Punch list underway.
20-5271 Private	Capps Rd @ 120th	2- 6" Fire Services and 2 - 2" Meters	Const.	Punch list underway.
20-5272 Private	Elite Motors	8" Main and 1" Meter	Design	Plan review.
21-5283 Private	NCSD Facility	1 - 6" Fire Service 3 - domestic meters	Const.	Construction start pending
21-5284 Private	Quail Park	15 lot subdivision in Milwaukie	Design	Pending Development Agreement.
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	Design	Pending Development Agreement

Project Management Report										
Project Description	Project #	BN 2019-2021						Current Phase/Status		
		FY 2020 Budget	FY 2021 Budget	Total BN Budget	FY 2020 Actual	Through June 2021	Remaining Budget	Expenditures to Date (a)		
Capital Improvement Projects Fund										
ODOT/City/County DTD Adjustments	5249	169,000	117,000	286,000	67,024	60,606	53,873	127,629		
CRC Mobility Improvements (b)	5243				50,772	31,892		88,973	Punch list, IGA in progress	
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-	5,320			20,014	Punch list	
Linnwood Avenue Improvements	5270					15,764		15,764	Planning	
Edgewood Neighborhood Waterline	5239	1,045,000	-	1,045,000	907,777	55,387	81,837	1,054,630	Complete	
Forsythe Road Waterline - Phase 1	5251	572,000		572,000	40,223	461,649	70,127	501,669	Complete	
Leland Road Master Meter & Waterline	TBD	-	480,000	480,000		-	480,000	-	No Activity	
82nd Drive Waterline - Phase 1	5253	-	814,000	814,000	840	652,463	160,698	653,302	Construction complete, closeout	
Orchid Waterline & Meter	5260	74,000	-	74,000	35,297	317	38,386	35,614	Complete	
Mather Reservoir Control Valve	5250	210,000	-	210,000	50,897	39,851	119,252	90,748	Complete	
90th Ave Pump Station Valve Replacement	5248	-	150,000	150,000	13,474	122,511	14,015	135,985	Complete	
Redland Road Waterline- Phase 1	5273					723	(723)	723	In BN 2021-2023	
Totals		2,070,000	1,561,000	3,631,000	1,171,623	1,441,911	938,064	2,726,004		

Notes: (a) "Expenditures to Date" includes all costs through all project phases (planning, design, construction), spanning multiple fiscal periods as applicable (b) CRC project #5243 and Sunnybrook & 93rd Loop project #5241 are included in ODOT/DTD budget



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.

Quarterly sampling was conducted in raw water at the treatment plant intakes for inorganic compounds including metals, volatile organic compounds (VOCs, 21 regulated for drinking water, 36 unregulated), synthetic inorganic chemicals (SIOCs, 29 regulated for drinking water, 5 unregulated), and synthetic organic chemicals (SOCs, 29 regulated, 14 unregulated).

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.

- As of August 10th, the discharge of the Clackamas River near Oregon City is around the 25th percentile.
- The three-month forecast favors above average temperatures and equal chances of above and below average precipitation.

