



Clackamas River Water

Monthly Update

July 2021



Monthly Update 3

 Contracts Log..... 3

 Summary of Legal 3

 Public Records Request Received 3

 Financial Reports 4

 Statistics 5

 Activity Reports 6

System Operations & Engineering 7

 Operation Statistics 7

 Project Updates..... 8-9

Water Resources & Water Quality 10

 Water Distribution Charts 10

 Sampling Reports 11

 Regulatory 11

 Non-Regulatory 11

 Sampling for Other Agencies..... 11

 River Conditions Report 12

Contracts Log

(Executed since last board meeting June 10, 2021)

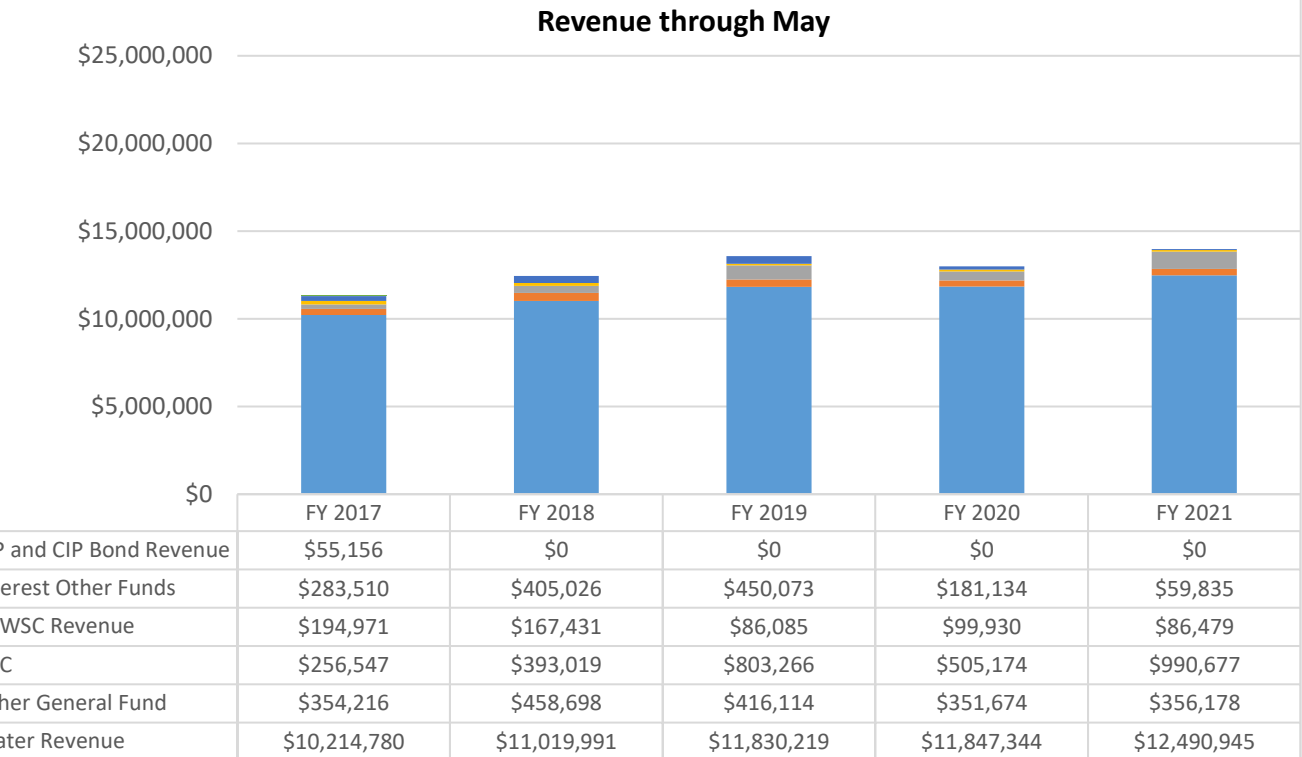
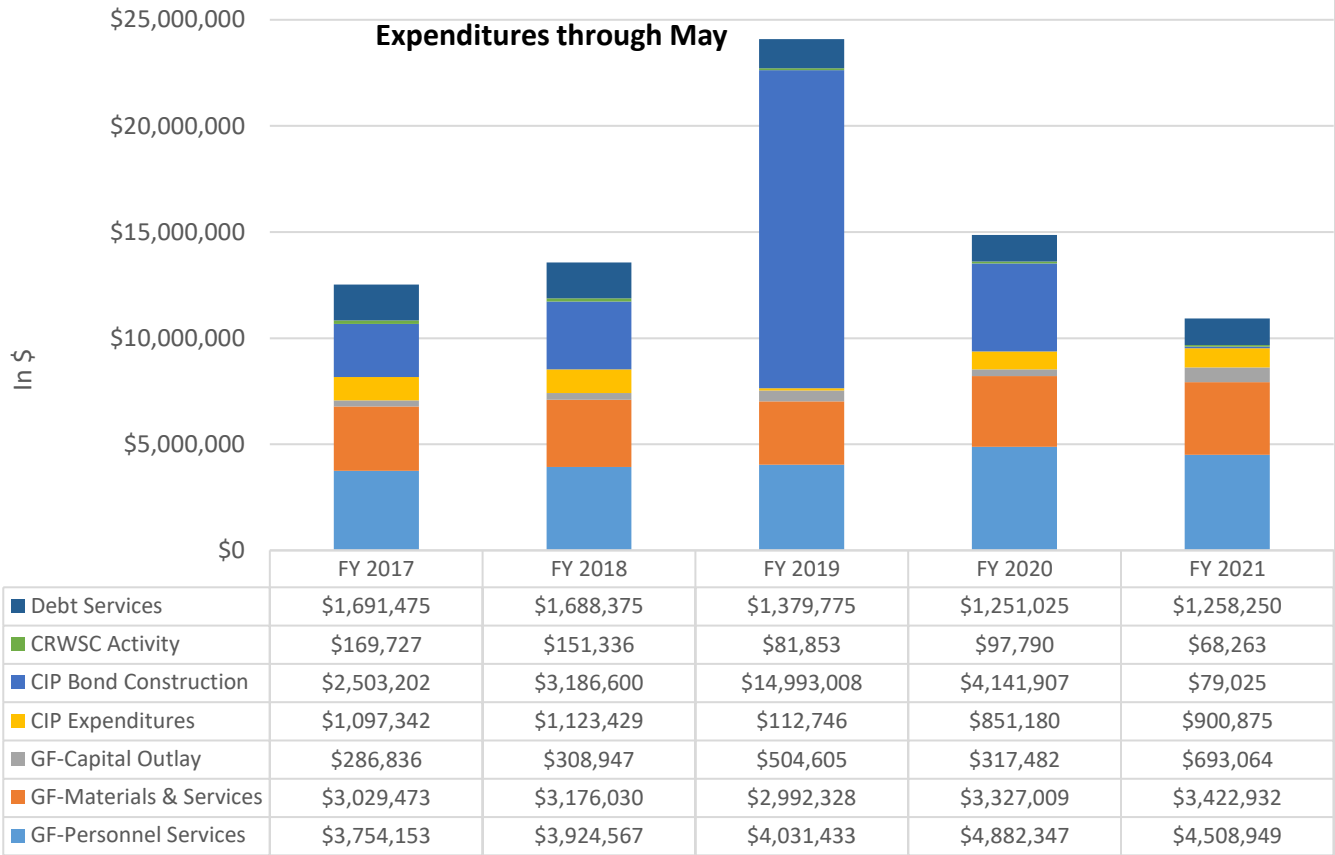
Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Carollo Engineers	Facility Plan & Studies	NTE \$299,657	6/13/19	6/30/23	Extended (Approved by the Board 6/13/19)
Cascade Columbia	Water Treatment chemicals	NTE \$65,000	8/1/21	7/31/22	Extended (approved on the recurring contracts log)
Chemtrade	Water Treatment chemicals	NTE \$50,000	8/1/21	7/31/22	Extended (approved on the recurring contracts log)
PBS Engineering & Environmental Inc	Design of the Redland Rd. WL	NTE \$44,475	7/1/21	6/30/22	New
S-2 Contractors	Paving	NTE \$50,000	6/14/21	6/14/22	Extended (in participation with city of Lake Oswego)

Summary of Legal

	<i>June 2021</i>
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer	\$ 788.40
Sub-contracted legal services	\$ _____
Total Legal	5,028.40

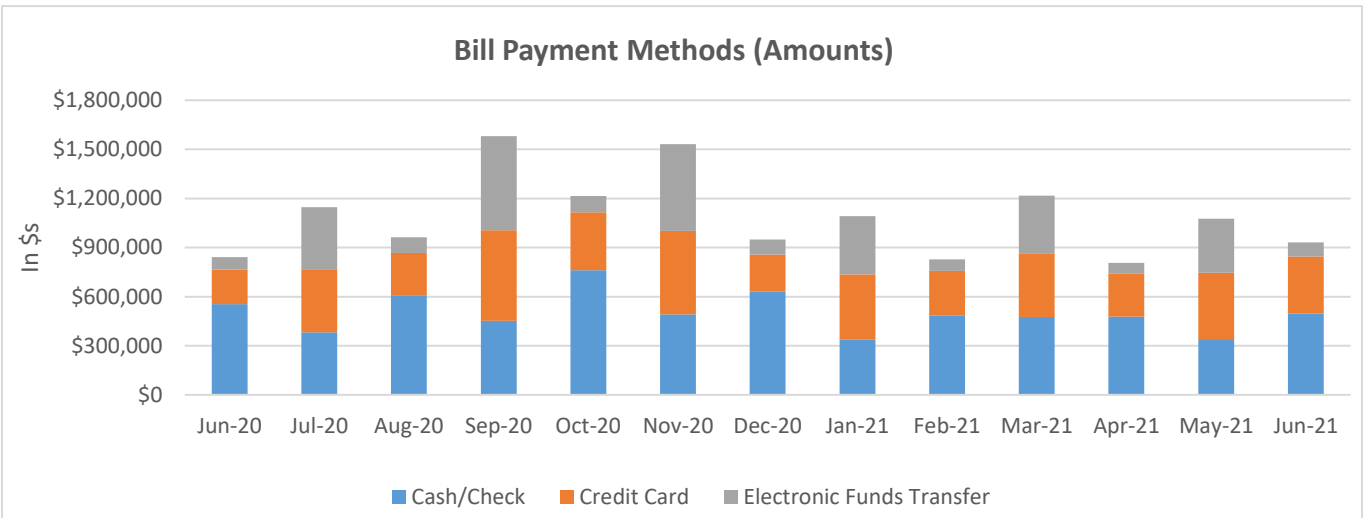
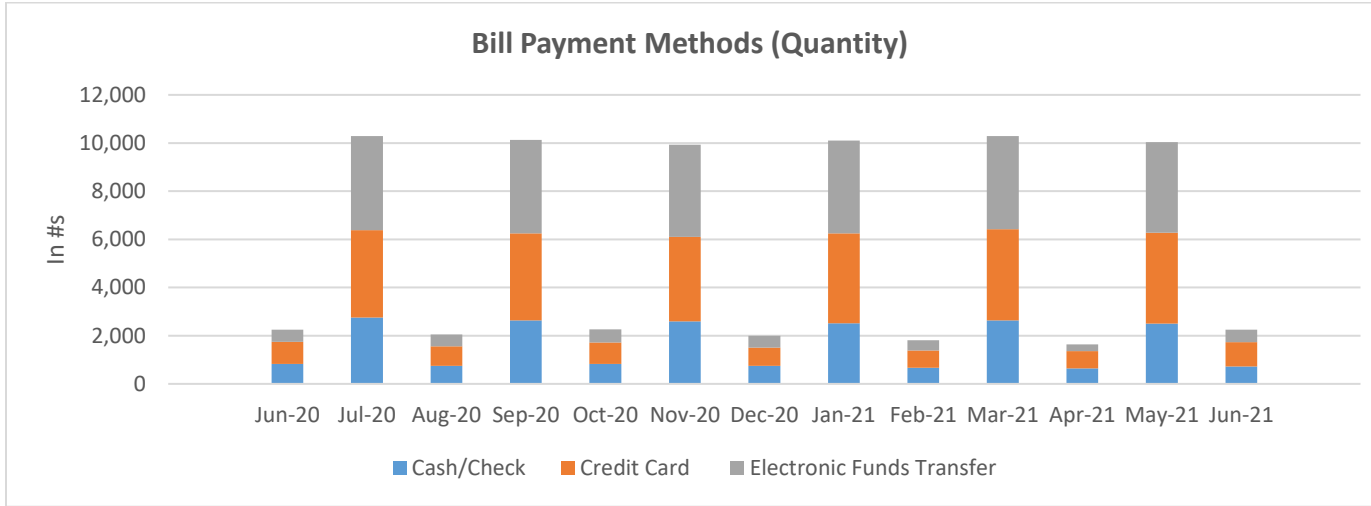
Public Records Request Received

Number of Records Requests Received in June 2021 **0**



(as of the end of June 2021)

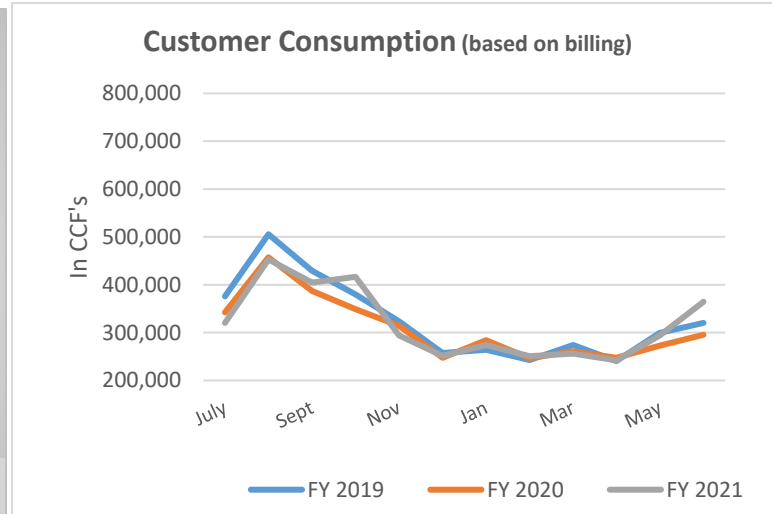
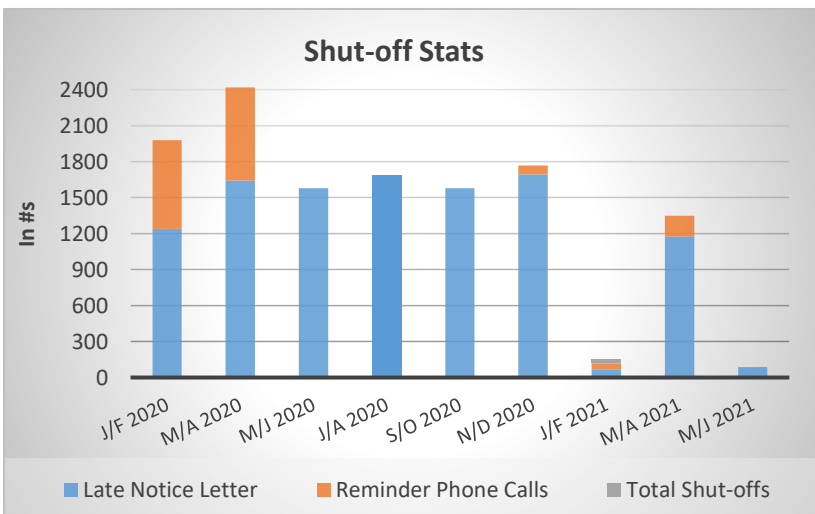
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



Cash/Check – Received via Lockbox, Counter

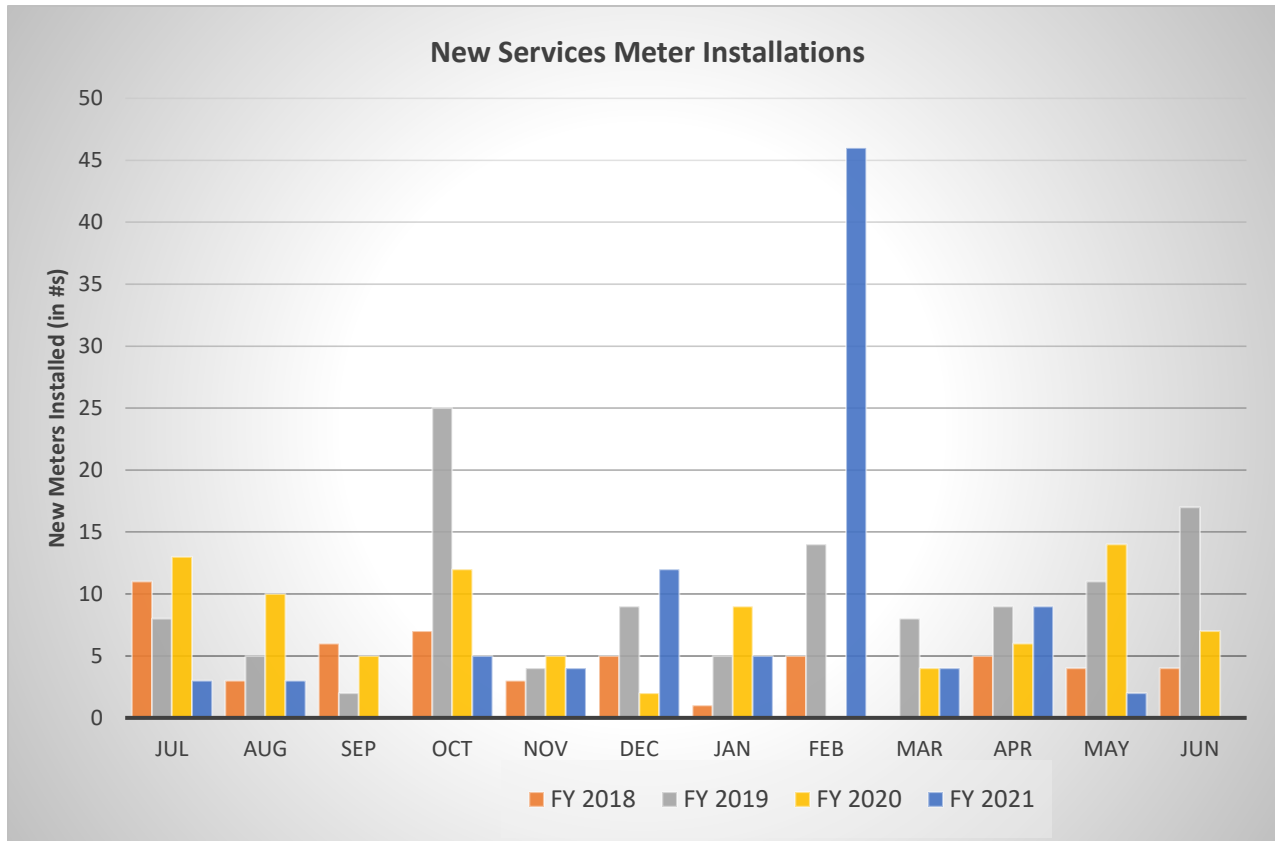
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

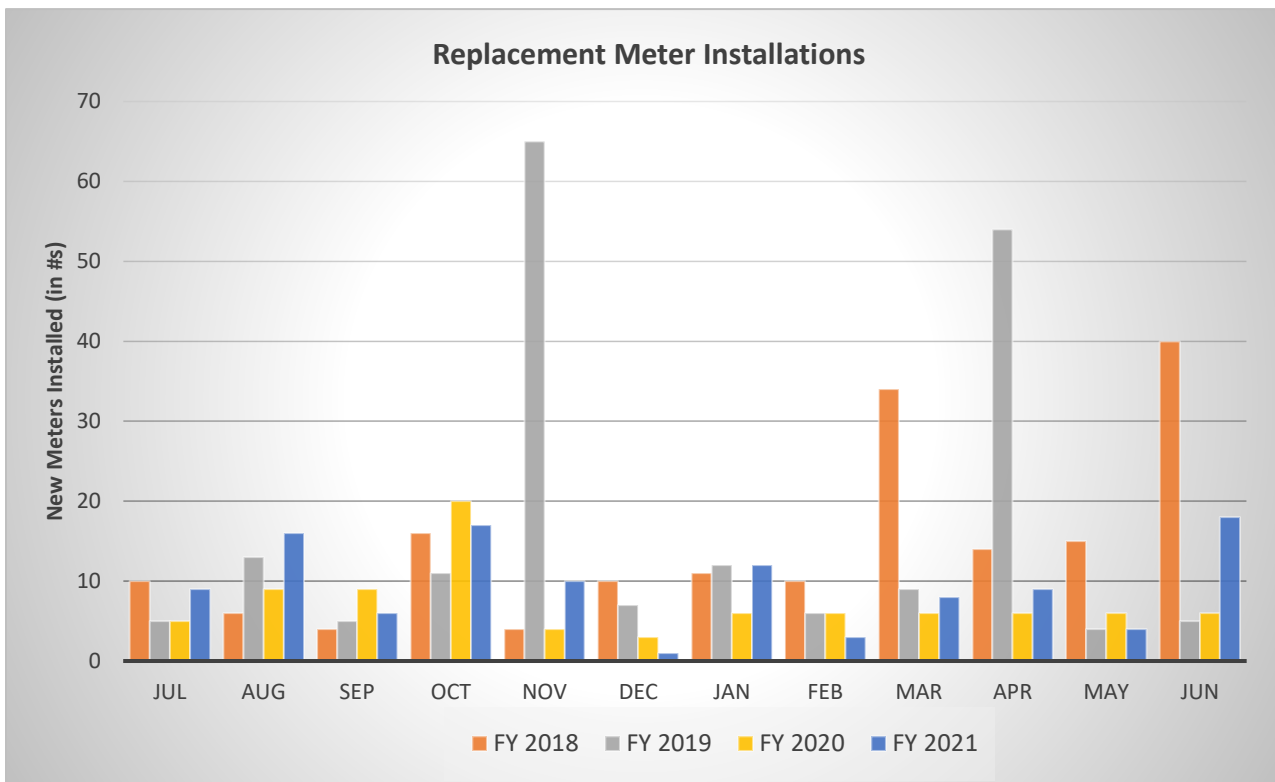


*Reminder Phone Calls are made during the even months.

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

System Operations & Engineering

Operation Statistics

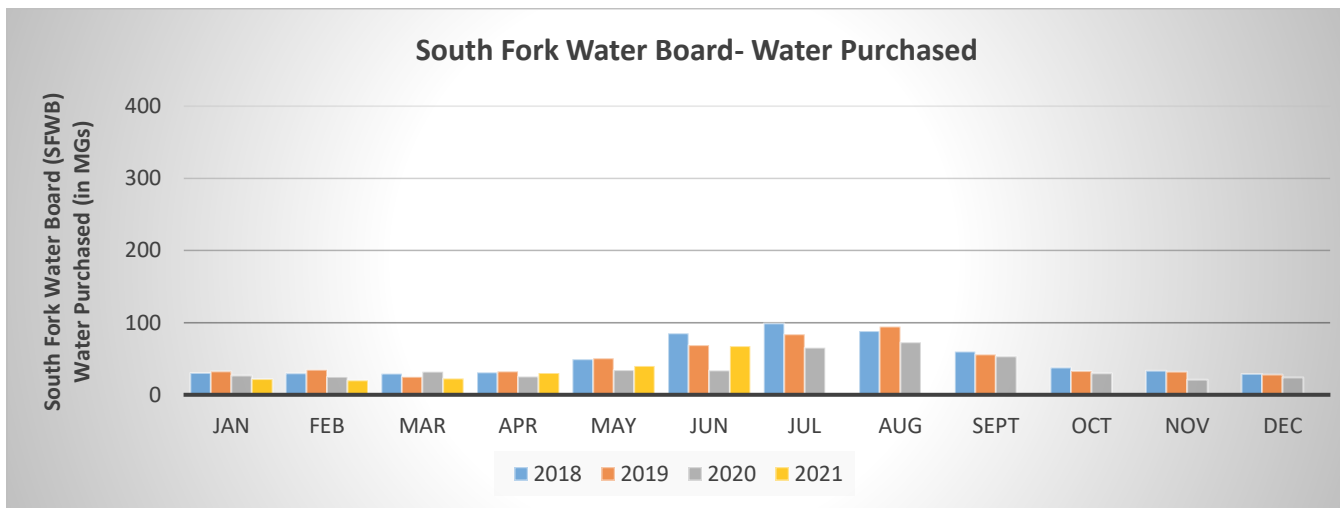
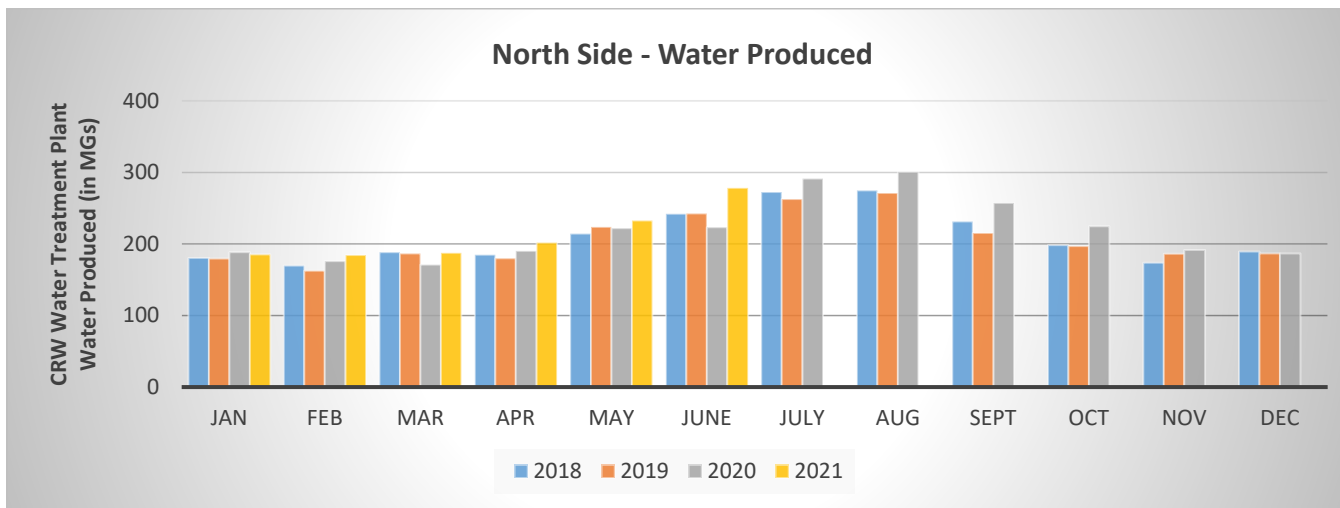
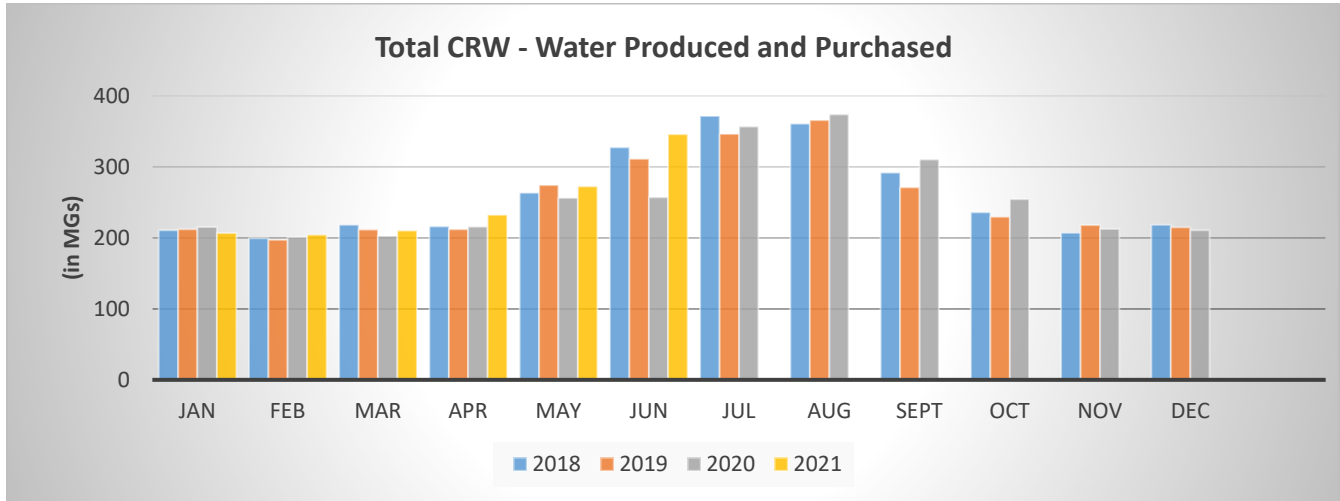
	Leak Repairs Made (all pipe sizes)	Leak Detection Completed (miles)	Hydrant Maintenance	Locate Requests	Valve Maintenance & Mapping	After-hours Callouts	Meter Maintenance Tasks	Cross Connection Inspections
June 2020	1	0.2	327	571	171	3	41	4
July 2020	1	0.1	104	474	15	5	43	1
July 2020	3	0.3	228	418	14	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	0	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

Private Project Tracking –June 2021

Project No.	Name	Description	Phase	Status
16-5205 Private	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	Construction in July 2021
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.	Passed pressure and disinfection test. 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.	Water construction delayed to July.
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.
20-5267 Private	Ogden MS Fire Service	6" main extension of fire service	Const.	Punch list underway.
20-5271 Private	Capps Rd @ 120th	2- 6" Fire Services and 2 - 2" Meters	Const.	Passed pressure and disinfection test. 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	Design	Plan Review.
21-5284 Private	Quail Park	15 lot subdivision in Milwaukie	Design	Pending plan review agreement.
14-5169 Private	Church of Portland	6" Fire Service and 2" domestic meter	Const.	Punch list underway.

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 May 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	59,846	62,411	126,870	Tracking and coordinating; ODOT 82nd Ave Overlay-2021	
CRC Mobility Improvements (b)	5243				50,772	31,892		88,973	Punch list	
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-	5,320			20,014	Punch list	
Linnwood Avenue Improvements	5270					8,734		8,734	Planning phase. Preparing consultant agreement. In BN 2021-2023	
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	461,446	70,331	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	148,959	664,202	149,798	Paving underway. Construction nearing completion	
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	118,859	17,667	132,333	Complete	
Redland Road Waterline- Phase 1	5273					315	(315)	315	In BN 2021-2023	
Totals		2,070,000	1,561,000	3,631,000	1,171,623	925,606	1,533,771	2,009,698		

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 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.

Monthly watershed sampling was conducted at 4 long-term sampling locations for total organic carbon, nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc.), volatile organic compounds, 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 and finished water was tested for giardia and cryptosporidium.

- As of July 6th, the discharge of the Clackamas River near Oregon City is around the 25th percentile.
- The near-term climate outlook for the next 8 – 14 days indicates probabilities favoring below-average precipitation and above-average temperatures throughout the state. One-month and three-month forecasts favor similar conditions throughout Oregon and the Pacific Northwest.

