



Clackamas River Water

Monthly Update

December 2020



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Contracts Log

(Executed since last board meeting November 12, 2020)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
C & R Reforestation	Emergent Spraying	NTE \$19,950	11/16/20	6/30/21	Extended
Carollo Engineers	Water treatment Plant Facility Plan	NTE \$299,657	6/13/19	6/30/21	Approved by the Board 6/13/19 and extended to 6/30/21
Cascade Centers	Employee Assistance Program	\$2.90/per month/per employee	14/1/21	12/31/21	Extended
HD Fowler	Waterwork Supplies	NTE \$65,00	12/1/20	11/30/21	Approved by the Board at the July Board meeting with the recurring contracts log

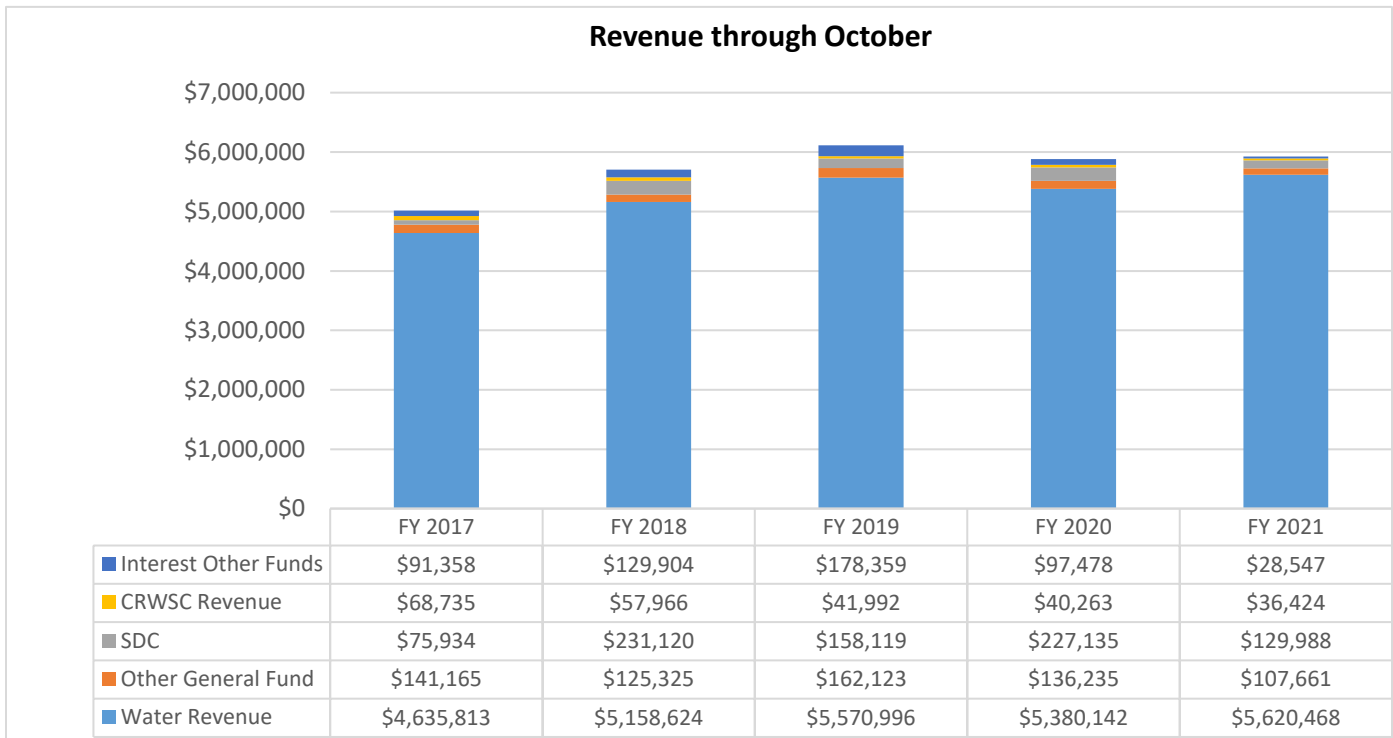
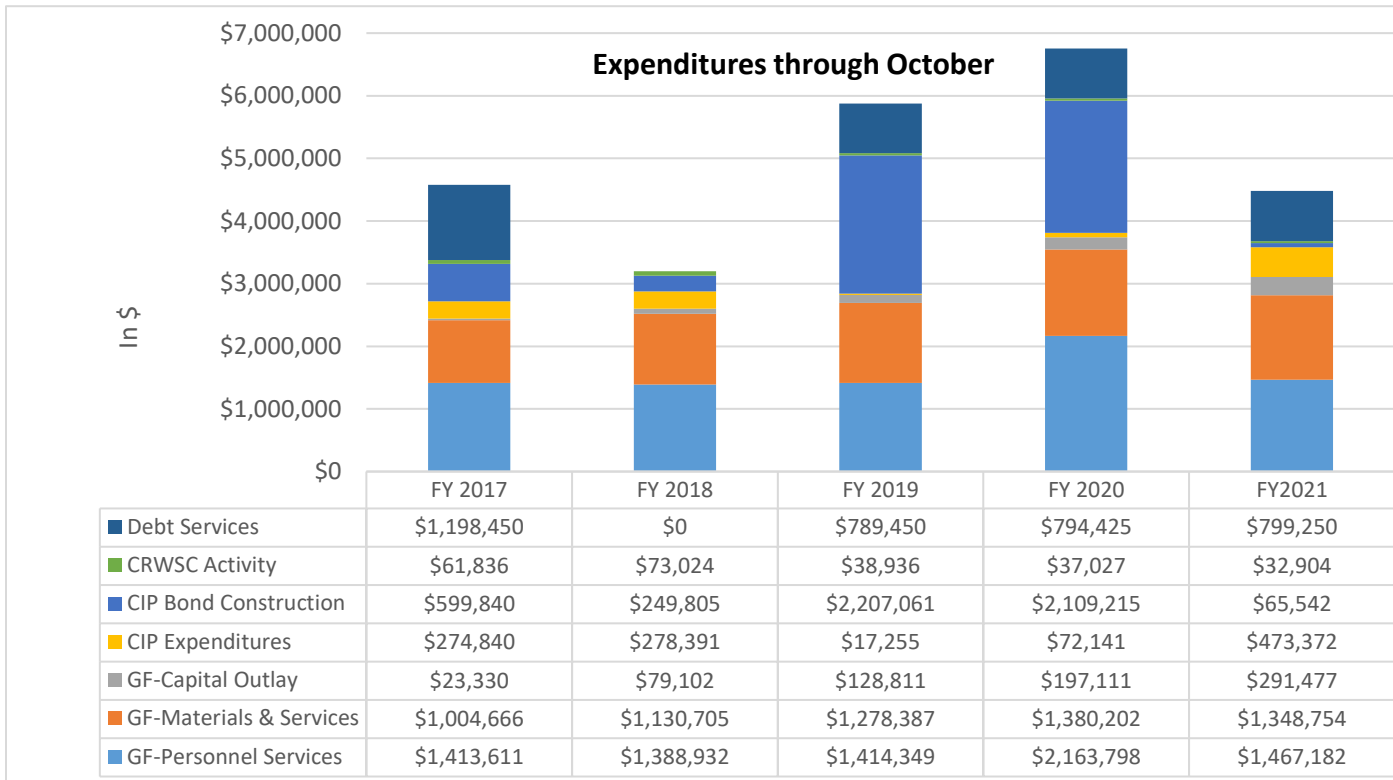
Summary of Legal

	<i>November 2020</i>
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer	\$ 759.20
Sub-contracted legal services	\$ _____
Total Legal	\$ 4,999.20

Public Records Request Received

Number of Records Requests Received in November 2020 1

Financial Activity

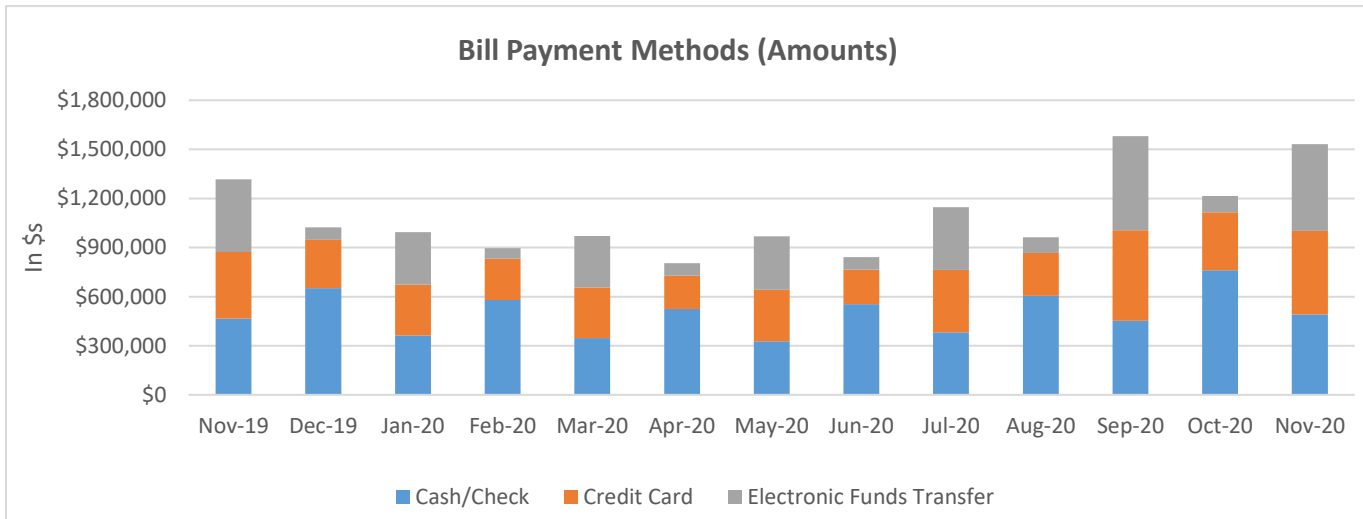
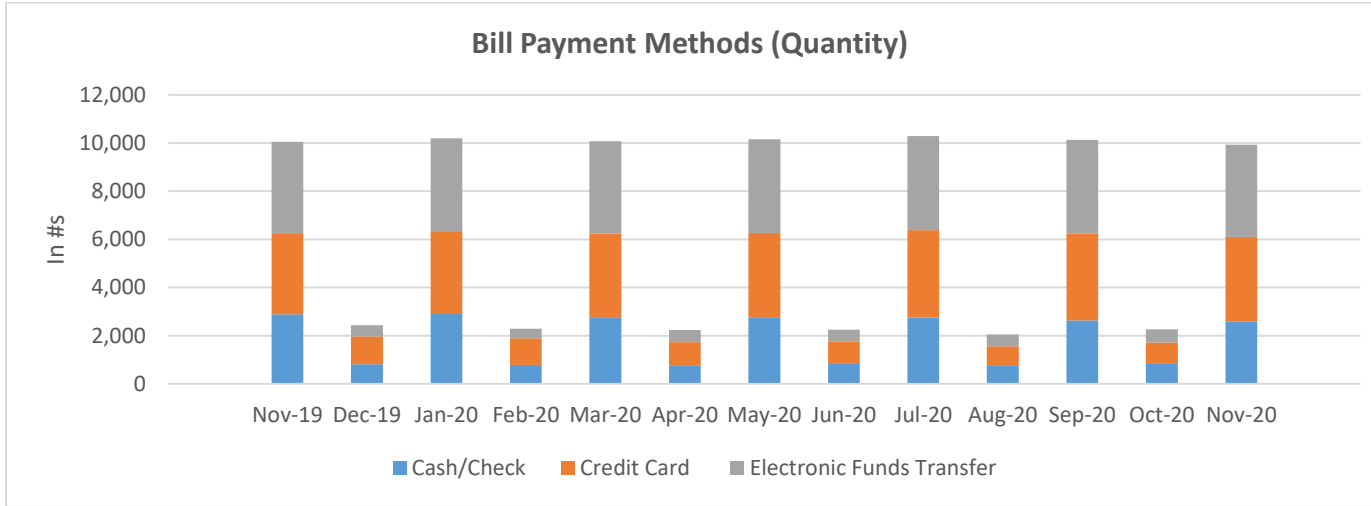


Expenses through October 2020 are down primarily due to completion of the Backbone projects, so we are seeing reduced capital expenditures this year. You will also note the reduction in Personnel Services - last year at this time we had paid off the Transitional Liability which greatly increased our personnel services expenses.

Revenue through October 2020 is essentially equal to revenue from FY 2020. Interest earnings are down because the fund balances are lower due to completion of the Backbone projects. Water revenue through October has surpassed water revenue this time last year.

(as of the end of November 2020)

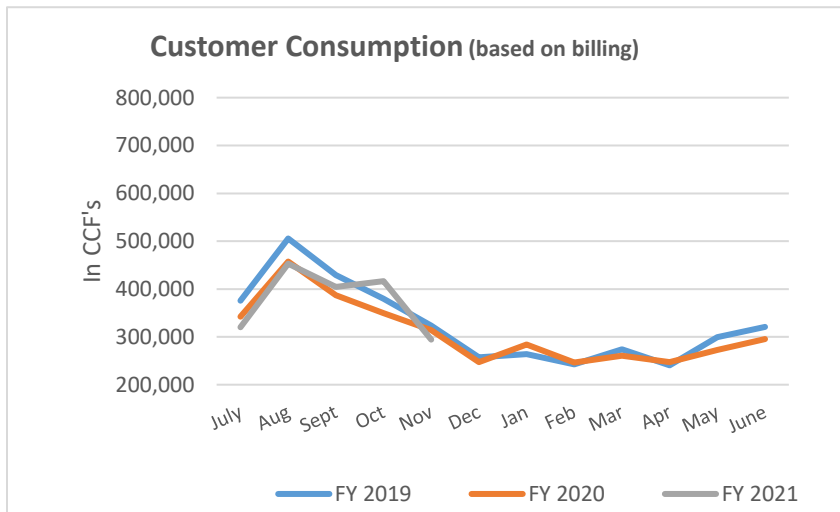
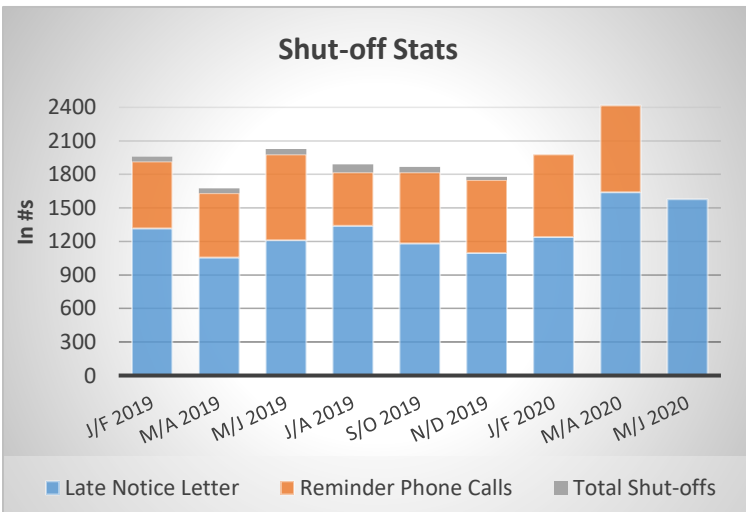
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



Cash/Check – Received via Lockbox, Counter

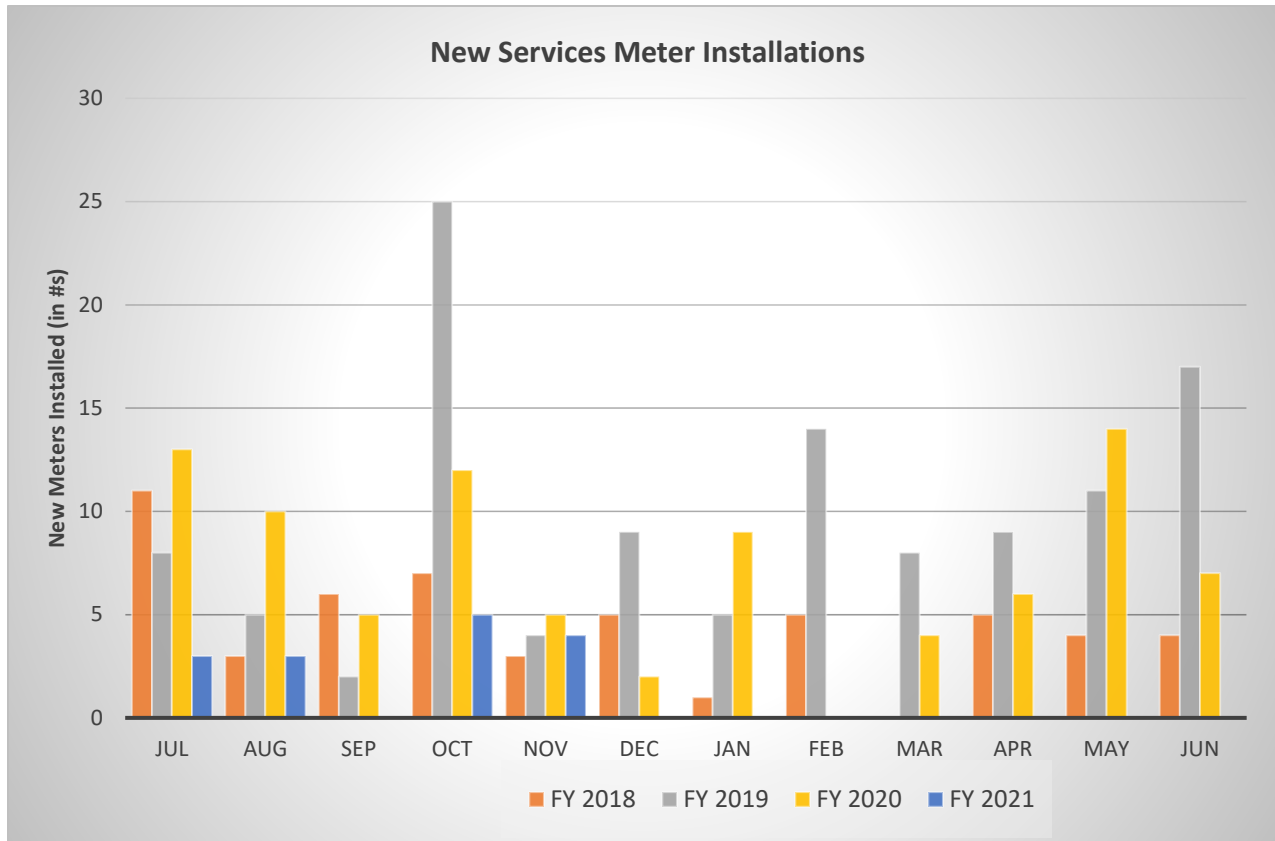
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

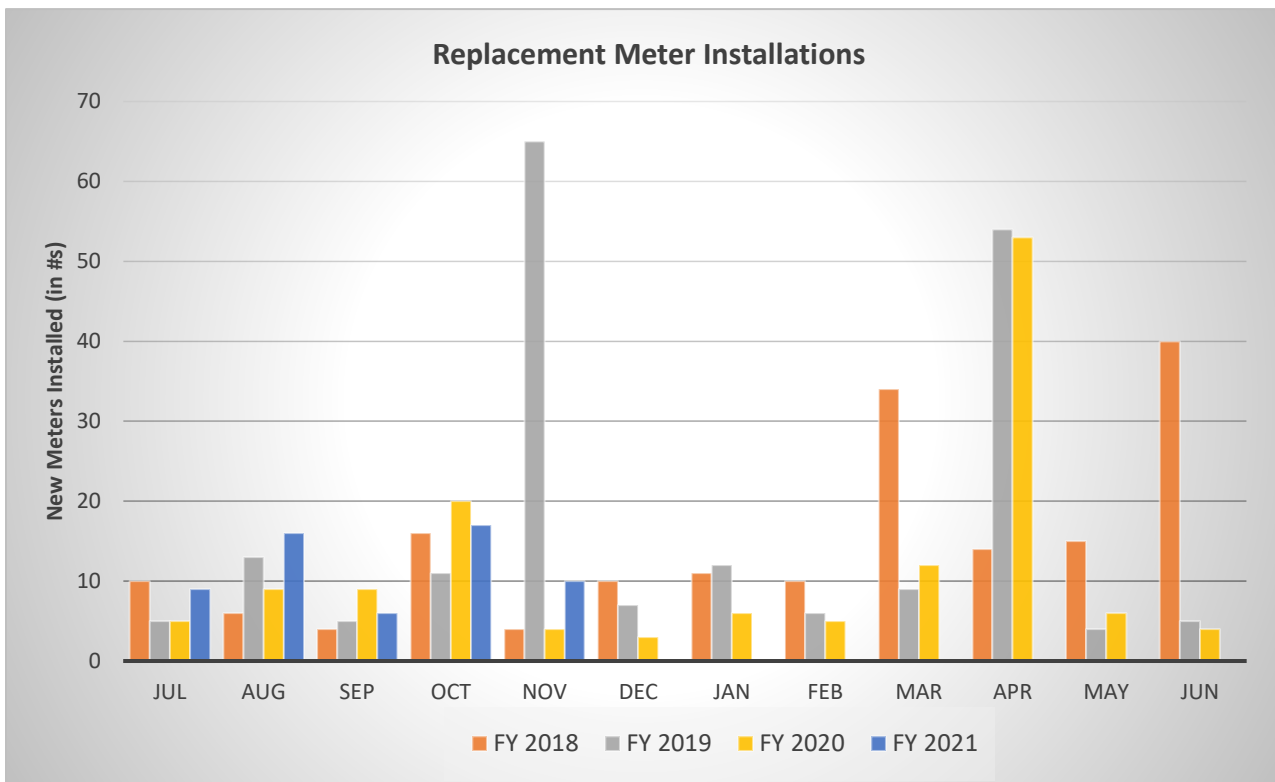


*Reminder Phone Calls are made during the even months.

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



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



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 Call-outs	Meter Maintenance Tasks	Cross Connection Inspections
Nov. 2019	1	.2	65	352	0	4	27	0
Dec. 2019	1	.1	78	337	19	8	50	0
Jan. 2020	0	.1	153	344	32	7	39	1
Feb. 2020	0	8.7	23	370	5	3	33	5
Mar. 2020	2	.3	139	438	147	7	31	3
April 2020	0	1.7	253	567	591	6	9	0
May 2020	2	.2	128	473	83	8	9	0
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

Private Project Tracking – November 2020

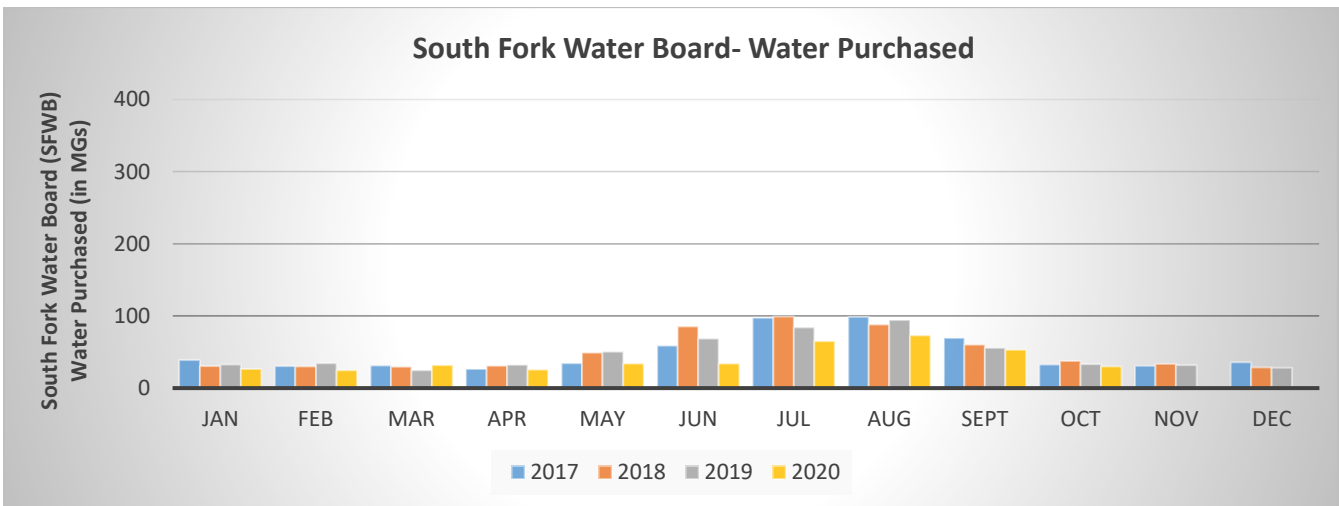
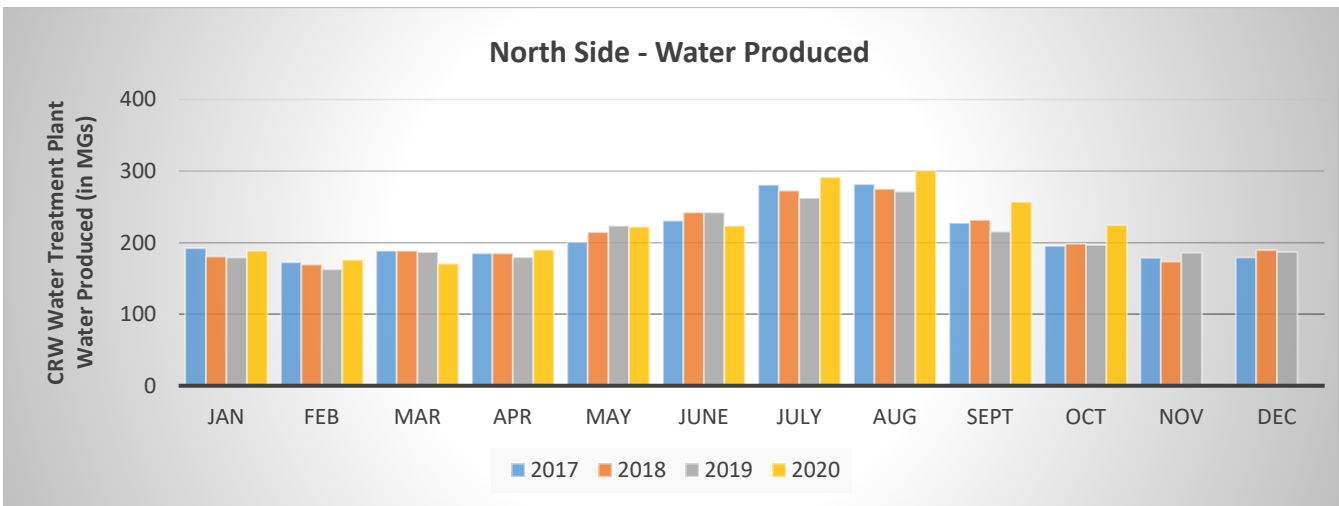
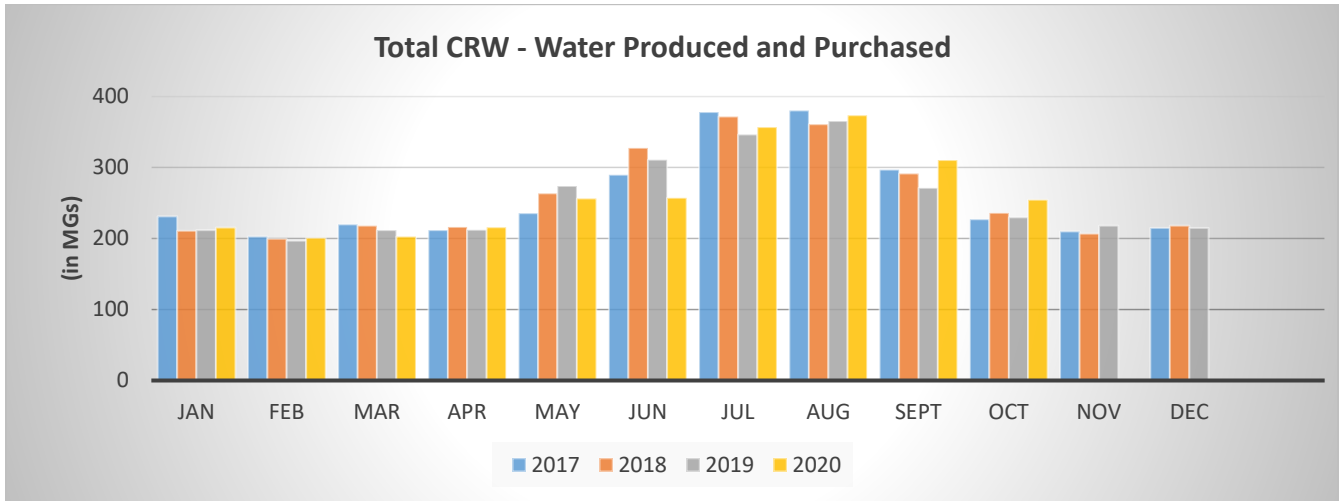
Project No.	Name	Description	Phase	Status
16-5205 Private	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	No activity.
18-5232 Private	Copper Heights	Residential 30 lot subdivision on difficult site	Design	No activity.
19-5252 Private	Heirloom Apartments	8" & 12" mains for 286-unit apartments, (4) 3" meters, (7) 2" meters	Const.	Site work continues.
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.	Pending construction start.
19-5255 Private	Fuller Station Affordable Housing	100-unit Multi-family housing, 4" meter	Design	Plan review.
19-5256 Private	Residence Inn by Marriot	117-unit Hotel at Clackamas Town Center, 4" meter	Const.	Punch list underway.
19-5258 Private	Shellenberg School	8" main extension for fire service plus 3" meter	Const.	Closing out.
19-5259 Private	Washman	8" main and 2" meter	Const.	Construction imminent.
20-5261 Private	Glencoe Townhomes	8" main and 2" meter	Const.	Punch list underway.
20-5262 Private	Bonaventure Senior Living	6" fire service and 3" meter	Const.	Pending construction start.
20-5263 Private	Fora Townhomes	7 domestic services on Lamphier St.	Const.	Construction underway.
20-5264 Private	West Coast Storage	2 - 6" Fire Service and 2 - 2" Meters	Const.	Pending construction start.
20-5267 Private	Ogden MS Fire Service	6" main extension of fire service	Const.	Construction underway.
20-5271 Private	Capps Rd @ 120th	2- 6" Fire Services and 2 - 2" Meters	Const.	Pending construction start.
20-5272 Private	Elite Motors	8" Main and 1" Meter	Design	Plan review

Project Management Report									
Project Description	Project #	BN 2019-2021					Projected Total Expenditures (Life of Project)	Expenditures to Date (a)	Current Phase/Status
		FY 2020	FY 2021	Total BN Budget	Through October 2020	Remaining Budget			
Capital Improvement Projects Fund								(Backbone only)	
ODOT/City/County DTD Adjustments	5249	169,000	117,000	286,000	8,032	177,358		73,427	Tracking and coordinating; ODOT 82nd Ave Overlay-2021
CRC Mobility Improvements (b)	5243				27,148			84,229	No Activity
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-				20,014	Complete
Edgewood Neighborhood Waterline	5239	1,045,000	-	1,045,000	13,206	151,255		1,025,763	Complete
Forsythe Road Waterline - Phase 1	5251	572,000		572,000	238,689	293,088		52,213	Waterline in place and online. Cleanup on-going
Leland Road Master Meter & Waterline	TBD	-	480,000	480,000	-	480,000		-	No Activity
82nd Drive Waterline - Phase 1	5253	-	814,000	814,000	28,985	784,175		27,418	In design
Orchid Waterline & Meter	5260	74,000	-	74,000	317	38,386		35,614	Complete
Mather Reservoir Control Valve	5250	210,000	-	210,000	37,493	121,610		88,339	Complete
90th Ave Pump Station Valve Replacement	5248	-	150,000	150,000	118,859	17,667		132,333	Complete
Totals		2,070,000	1,561,000	3,631,000	472,729	2,063,540		1,589,350	

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 84 samples collected and analyzed for the November monitoring period showed no presence of coliform/*E. coli* bacteria.

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.

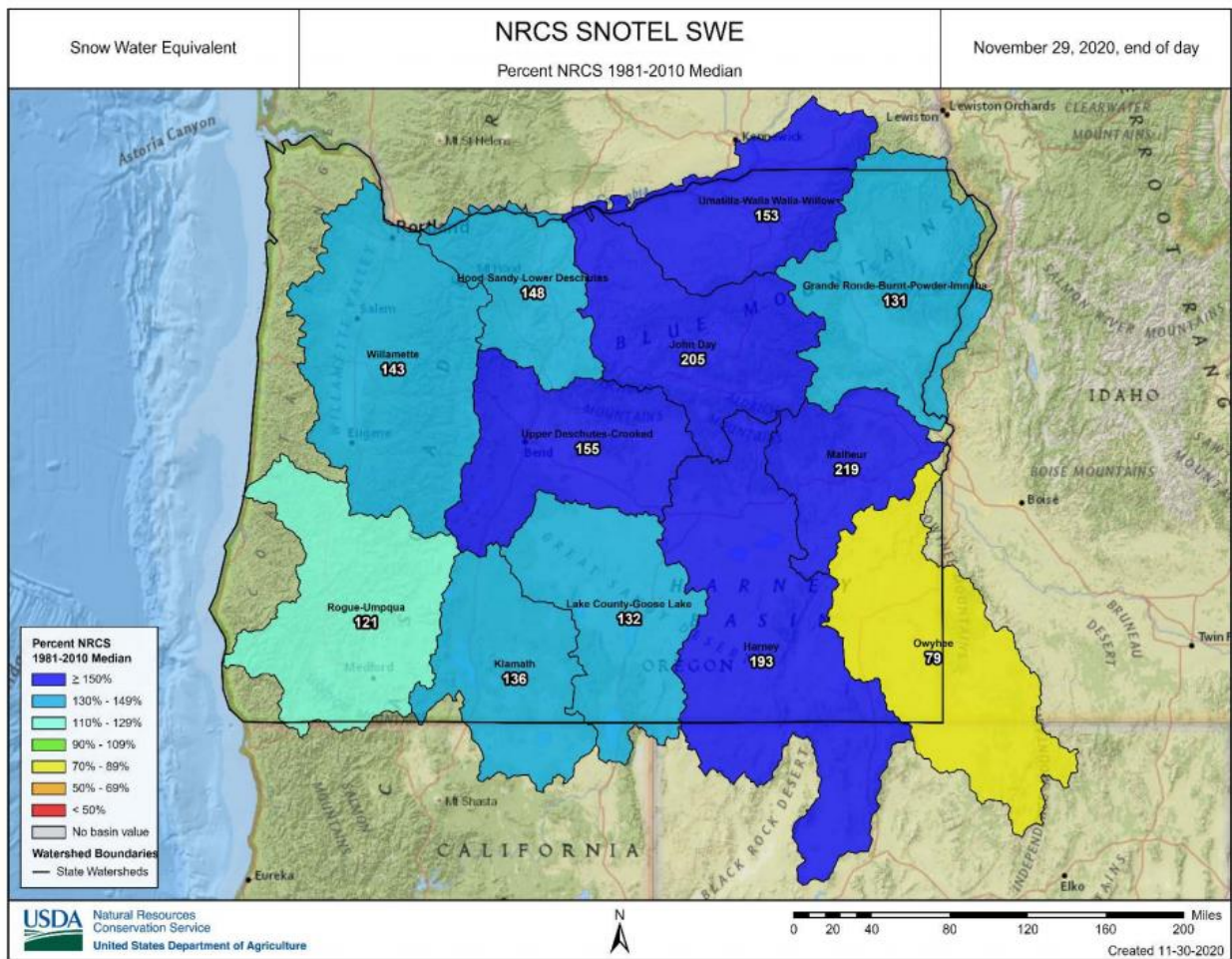
Raw water at our intakes was tested for giardia and cryptosporidium.

Sampling for Other Agencies

All 50 routine samples collected and analyzed during this period for Sunrise Water Authority showed no presence of coliform/*E. coli* bacteria. Annual coliform source assessment samples were also analyzed for all of their wells.

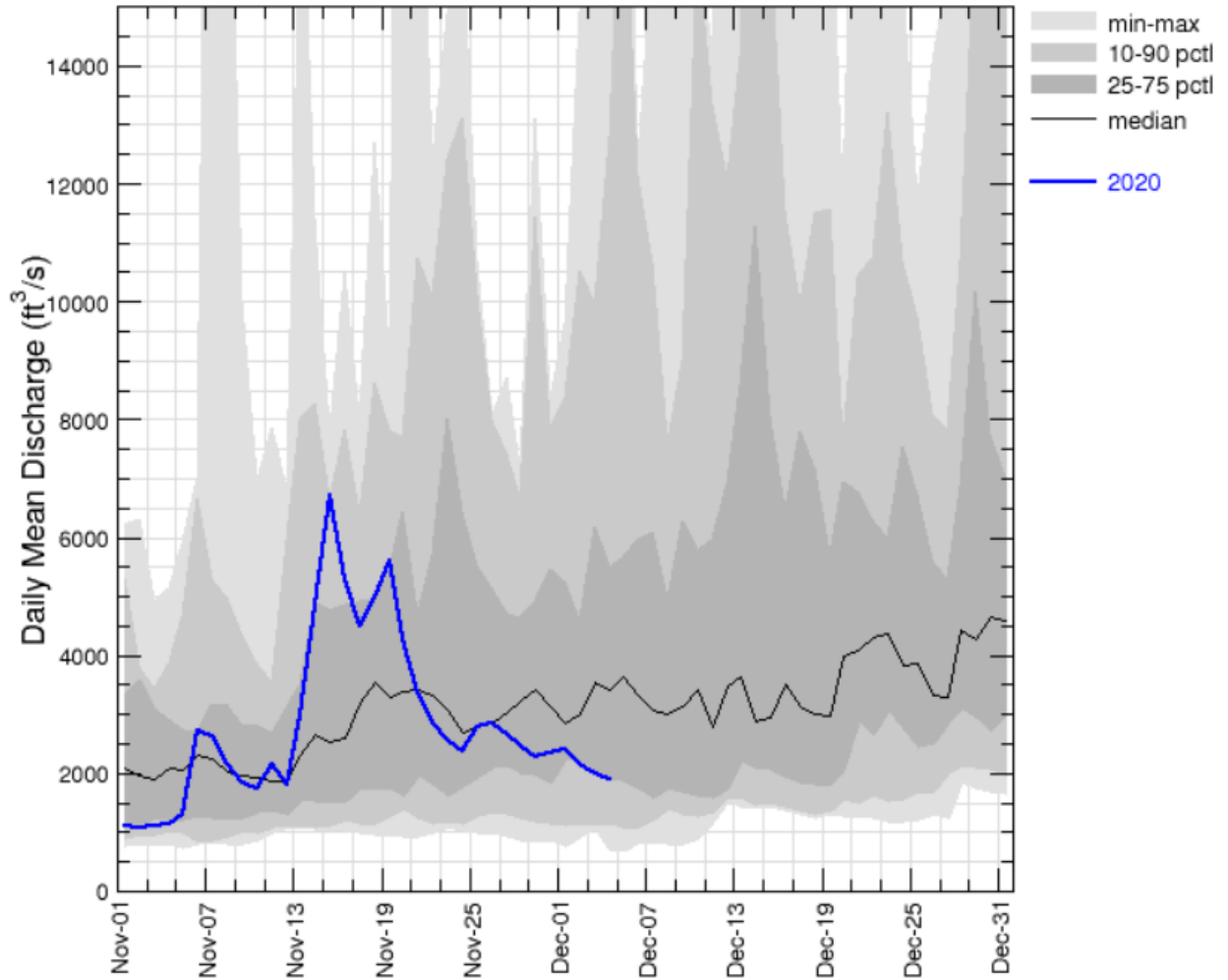
Quarterly Disinfection By-Product sampling was conducted at 4 locations each in the Sunrise Water Authority service area.

- The Water Supply Outlook is beginning to incorporate NRCS SNOTEL precipitation and snow-water equivalent infographics as snowfall begins to accumulate. Currently, Oregon is measuring **147% of the median snow-water equivalent (SWE)** at statewide SNOTEL sites.
- Statewide **precipitation for the water year to date at SNOTEL sites is measuring 94% of normal.** Precipitation over the last two weeks has been below normal for much of the state and is forecasted to continue to be below normal over the next 8-14 days.
- **Streamflows for the month of October measured 74% of normal,** with basins in the northern regions of the state faring better than the south. Currently discharge of the Clackamas River near Oregon City is about 75% of median flow (2001-2020).
- The earliest predictions of 2021 summer streamflows will be available in January and will be updated each month through June.



Clackamas River near Oregon City, OR (14211010)

Data from U.S. Geological Survey, Jun-08-2001 to Dec-04-2020



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