



Clackamas River Water

Monthly Update

February 2020



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Contracts Log

(Executed since last board meeting January 9, 2020)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/Extended
None Executed since the January 9, 2020 Board Meeting					

Summary of Legal

January 2020

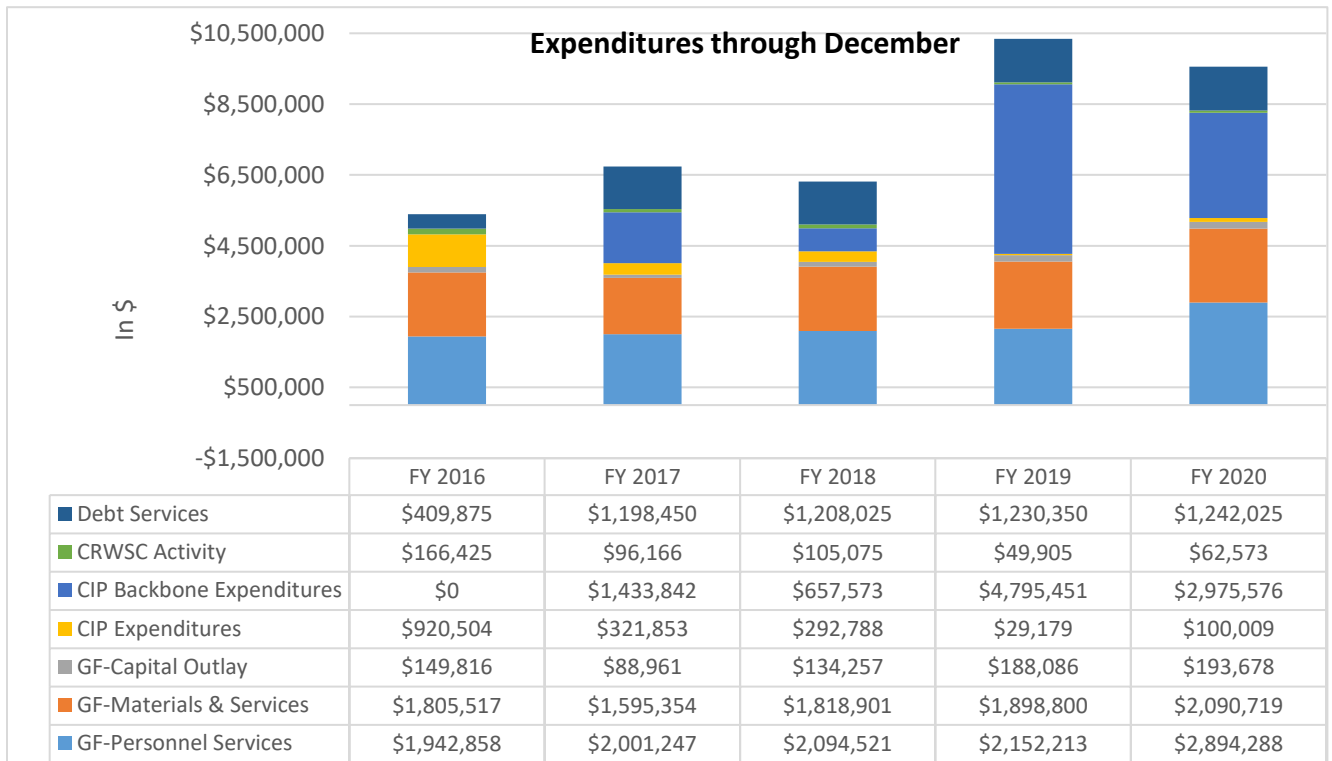
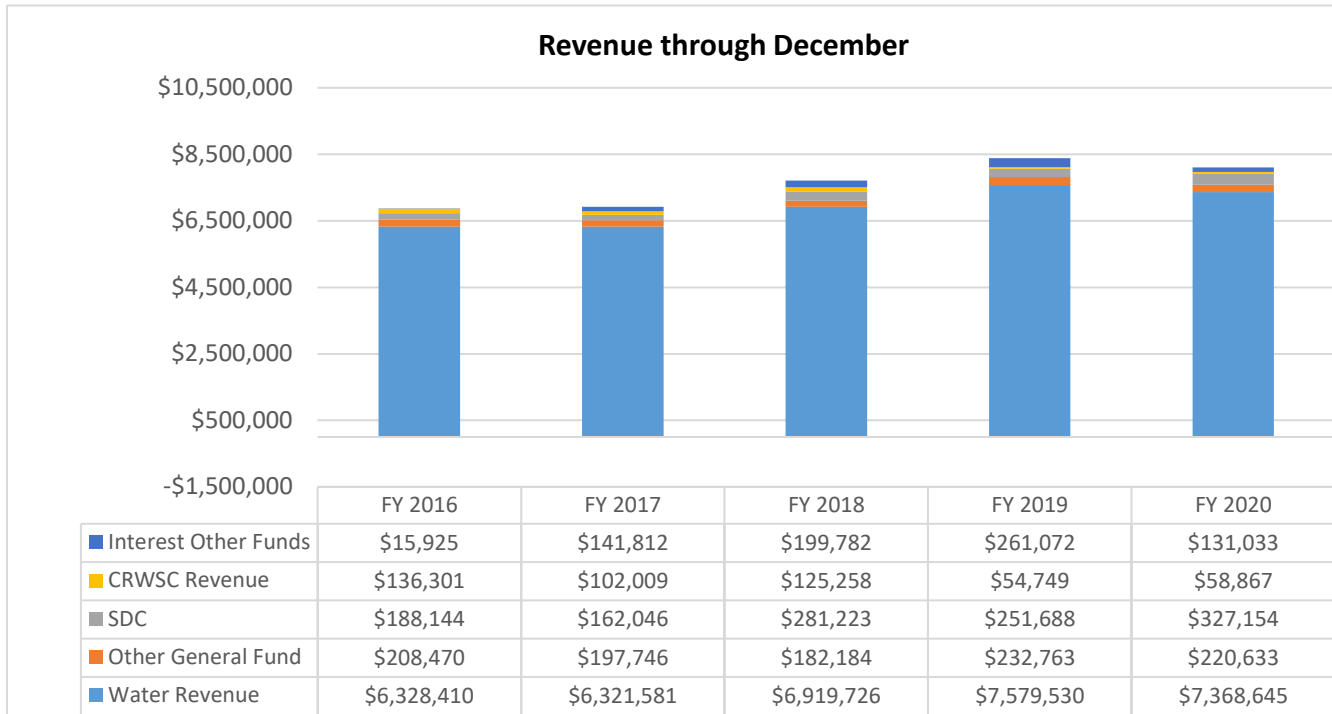
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer	\$ 1,750.00
Sub-contracted legal services	\$ _____
Total Legal	\$ 5,945.00

Public Records Request Received

January 2020

Number of Requests received and processed	0
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Financial Reports
(as of December 2019)

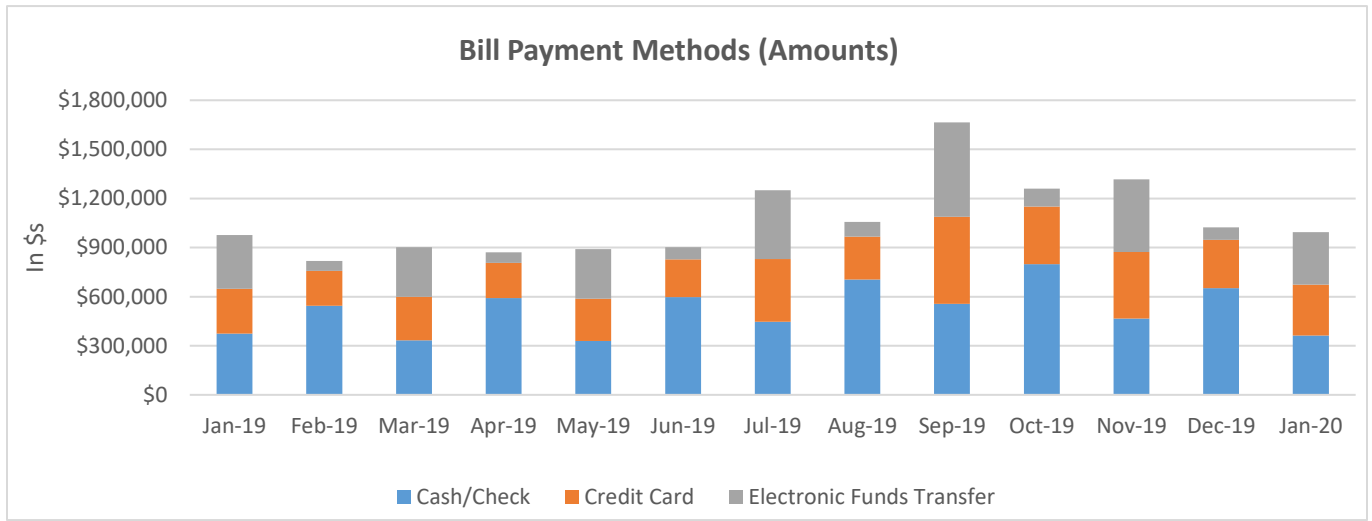
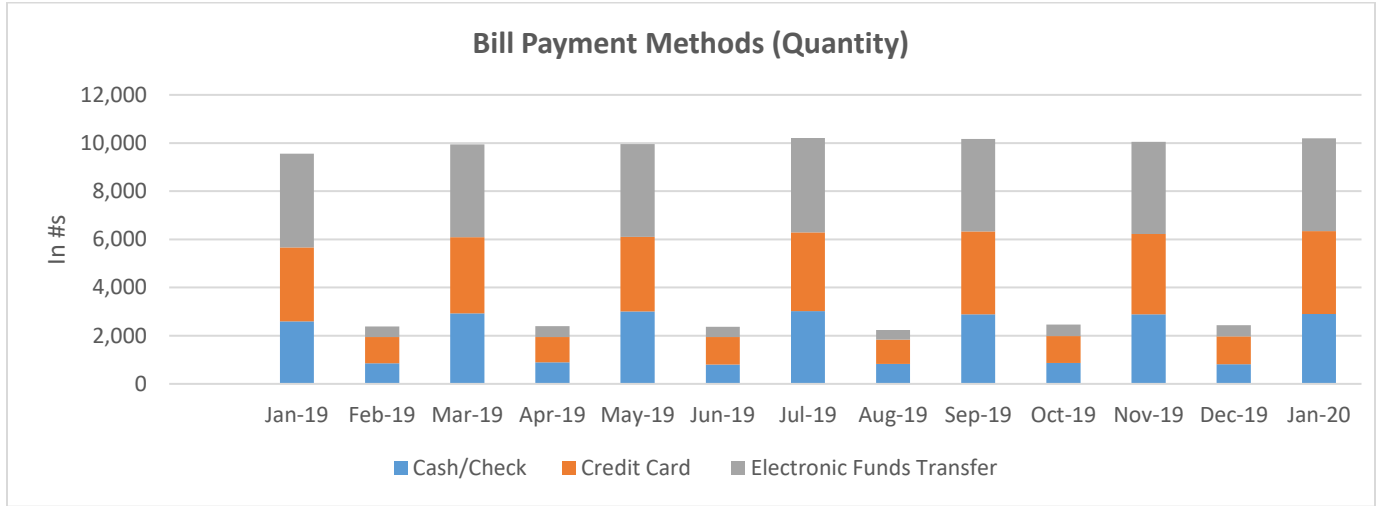


Revenue: Demand through December 2019 is 92.32% of demand from Fiscal Year 2019 through December. This could be the result of the decrease in average temperatures this past summer. The trend is consistent with other water providers in the region. Water Revenue is 97.22% of revenue generated through this period in fiscal year 2019

Expenses - Personnel Services expense is significantly higher than prior years due to the payment of budgeted PERS Transitional Liability. Exclusive of the PERS Transitional Liability payment, personnel services are 19.9% of the biennial budget. Materials & Services are at 23.6% of the biennial budget in alignment with 25% of the two-year budget cycle.

(as of January 2020)

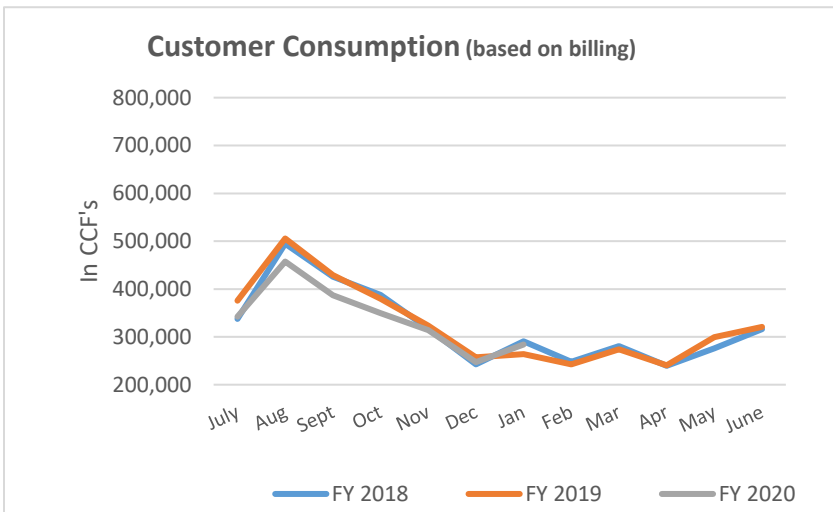
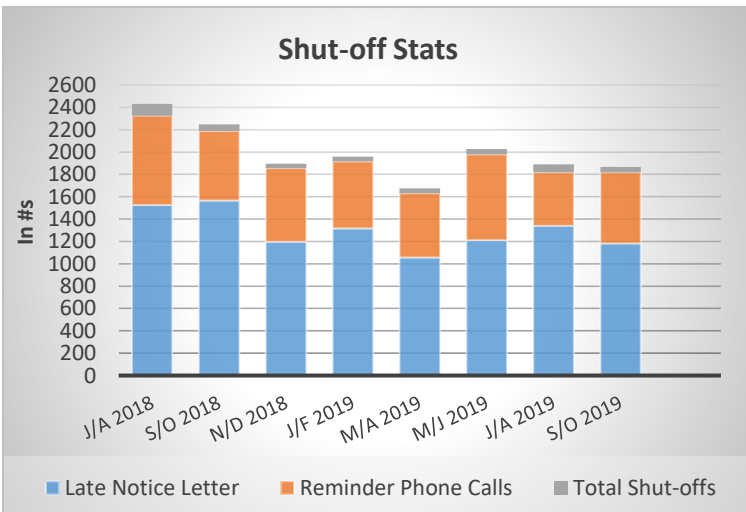
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



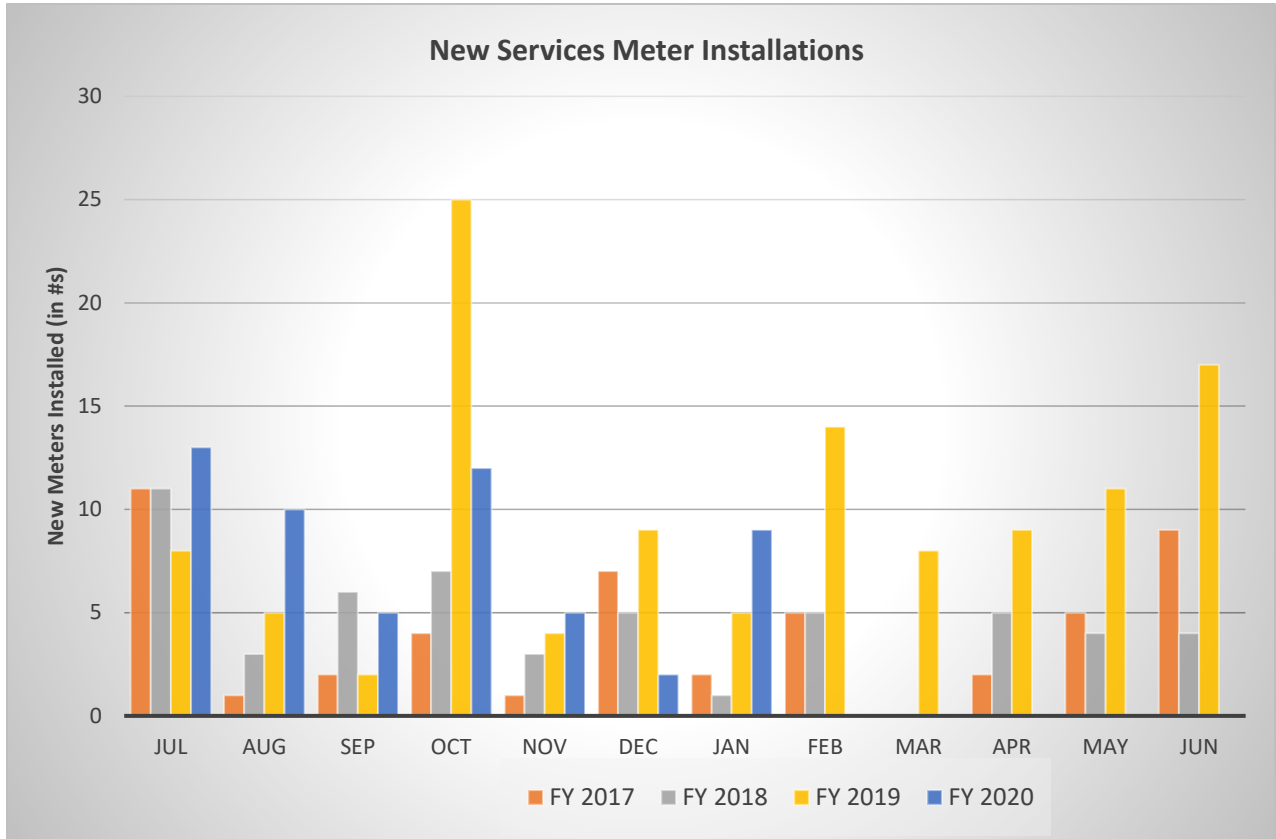
Cash/Check – Received via Lockbox, Counter

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

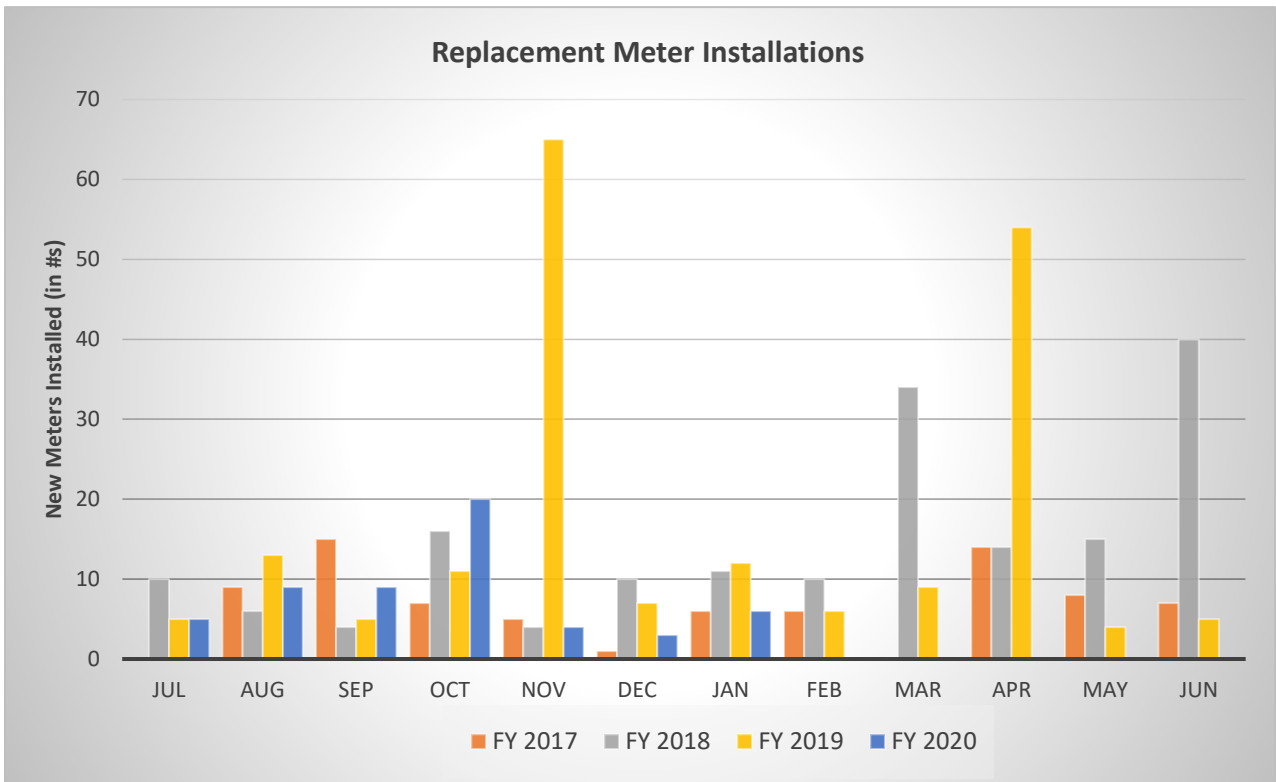
Electronic Funds Transfer – Received via Bank to Bank Transfer, Automatic Checking Withdrawal (RapidPay)



*Reminder Phone Calls are made during the even months.
Shut-offs occur the following month.



No New Services for Nov. or Apr FY15, Mar. FY17 & FY18



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 Call-outs	Meter Maintenance Tasks	Cross Connection Inspections
Jan. 2019	4	0	31	496	23	9	112	0
Feb. 2019	3	0	37	431	1	3	53	0
Mar. 2019	1	0	76	520	0	5	104	0
April 2019	1	0	110	592	0	2	70	0
May 2019	1	0	268	608	28	8	54	0
June 2019	3	0	63	501	4	7	22	10
July 2019	1	0	133	551	6	5	254	1
Aug. 2019	1	15.7	213	485	5	15	105	11
Sep. 2019	1	0	205	493	1	15	68	0
Oct. 2019	4	.2	226	501	8	5	71	0
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

Private Project Tracking – February 2020

Project No.	Name	Description	Budget	Spent	Phase	Status
16-5205 Private	Glen Oak Master Meter	Master Meter to Oregon City	N/A	N/A	Const.	Developer seeking contractors.
16-5206 Private	Rosewood Terrace	200+ Multi-family housing 6" meter	N/A	N/A	Const.	Punch list underway. Building construction continues.
18-5232 Private	Copper Heights	Residential 30 lot subdivision on difficult site	N/A	N/A	Design	No activity.
19-5252 Private	Heirloom Apartments	8" & 12" main extension for 286 unit apartments	N/A	N/A	Const.	Design review complete. Land use process ongoing.
19-5240 Private	Home2 Suites	12" main extension for 101 unit hotel	N/A	N/A	Design	Design review ongoing.
19-5254 Private	D St. Improvements	Road Extension with utilities (at Fuller P&R)	N/A	N/A	Design	Design review ongoing.
19-5255 Private	Fuller Station Affordable Housing	100 unit Multi-family housing, 4" meter	N/A	N/A	Design	Utility coordination and design review ongoing.
19-5256 Private	Residence Inn by Marriot	117 unit Hotel at Clackamas Town Center, 4" meter	N/A	N/A	Design	Design review ongoing.
19-5258 Private	Shellenberg School	8" main extension for fire service plus new 3" meter	N/A	N/A	Design	Design review ongoing.
19-5259 Private	Washman	8" main extension and new 2" meter	N/A	N/A	Design	Design review ongoing.

Project Management Report							February 2019			
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 December 2019	Remaining Budget				
Capital Improvement Projects Fund							(Backbone only)			
ODOT/City/County DTD Adjustments	5249	169,000	117,000	286,000	53,213	229,682		53,213	Miscellaneous project coordination	
CRC Mobility Improvements (b)	5243				4,762			11,071	Preparing construction amendment to County IGA. Construction has started. First water work scheduled for early March.	
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-	2,258			2,258	Const. not scheduled yet.	
Edgewood Neighborhood Waterline	5239	1,045,000	-	1,045,000	8,371	1,036,629		99,838	Construction begins February 6. Neighborhood customers informed via mailed letter.	
Forsythe Road Waterline - Phase 1	5251	572,000		572,000	13,410	558,590		13,410	In Design.	
Leland Road Master Meter & Waterline	TBD	-	480,000	480,000	-	480,000		-	No Activity	
82nd Drive Waterline - Phase 1	5253	-	814,000	814,000	247	813,753		247	No Activity	
Orchid Waterline & Meter	TBD	74,000	-	74,000	780	73,220		780	Working with Shellenberg School for new large meter	
Mather Reservoir Control Valve	5250	210,000	-	210,000	13,534	196,466		13,534	Design complete. Scheduling construction.	
90th Ave Pump Station Valve Replacement	5248	-	150,000	150,000	3,433	146,666		3,433	Design ongoing	
Totals		2,070,000	1,561,000	3,631,000	100,009	3,530,991		197,784		

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 December 2019	Remaining Budget			
Backbone Projects (Various Funds)									
Butterfield Lane Transmission Main	5160	-	-	-	-	-	2,567,000	2,566,689	Complete
Carver-Springwater Transmission Main	5217	-	-	-	-	-	1,875,000	1,826,968	Complete
Highway 224 Intertie	5189	-	-	-	235	-	2,412,000	2,231,132	Complete
152nd Avenue Reservoir (c) SWA estimated final contribution Net estimate	5188	1,410,000	-	1,410,000	1,485,574 1,276,625	(75,2574) 133,375	9,400,000	10,525,041 (1,500,000) 9,025,041	Construction- site backfill, storm system and control building work ongoing
Hattan Road Pump Station	5190	1,322,000	-	1,322,000	888,165	433,835	4,402,000	4,310,693	Complete; final project closeout and as-builts underway
Hattan Road Transmission Main	5191	382,000	-	382,000	281,921	100,079	3,823,000	4,042,203	Complete
Redland Reservoir #3	5195	-	-	-	316,147	(316,147)	4,128,000	4,099,236	Complete
General Project Administration	5187	25,000	-	25,000	3,535	21,465	250,000	204,651	Ongoing
All Phase 2 Project work Charged to Phase 1							375,000		
Bradley Rd (Butterfield) Pump Station (d)	5213	-	-	-	2,499	(2,499)	N/A	38,260	Strategizing next steps in property negotiation
Grasle Road Transmission Main (d)	5235	-	-	-	85,832	(85,832)	N/A	112,726	Planning
Beaver Lake Pump Station (d)	5236	-	-	-	39,262	(39,262)	N/A	72,626	Preparing County land use application for property partition
Bradley Rd Transmission Main (d)	5237	-	-	-	1,036	(1,036)	N/A	1,036	No work to report
Beavercreek Elevated Reservoir (d)	5238	-	-	-	-	-	N/A	2,699	No work to report
Totals (Backbone Phase 1 only)		3,139,000	-	3,139,000	2,766,393	372,607	29,232,000	28,306,614	

Notes:

(a) "Expenditures to Date" includes all costs through all project phases (planning, design, construction), spanning multiple fiscal periods as applicable.

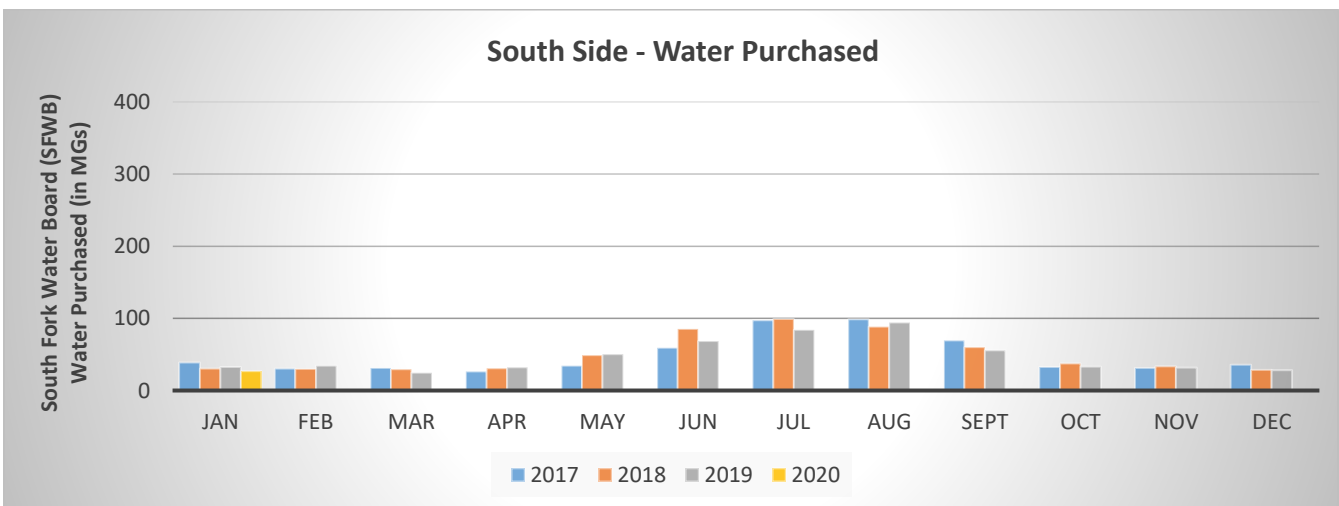
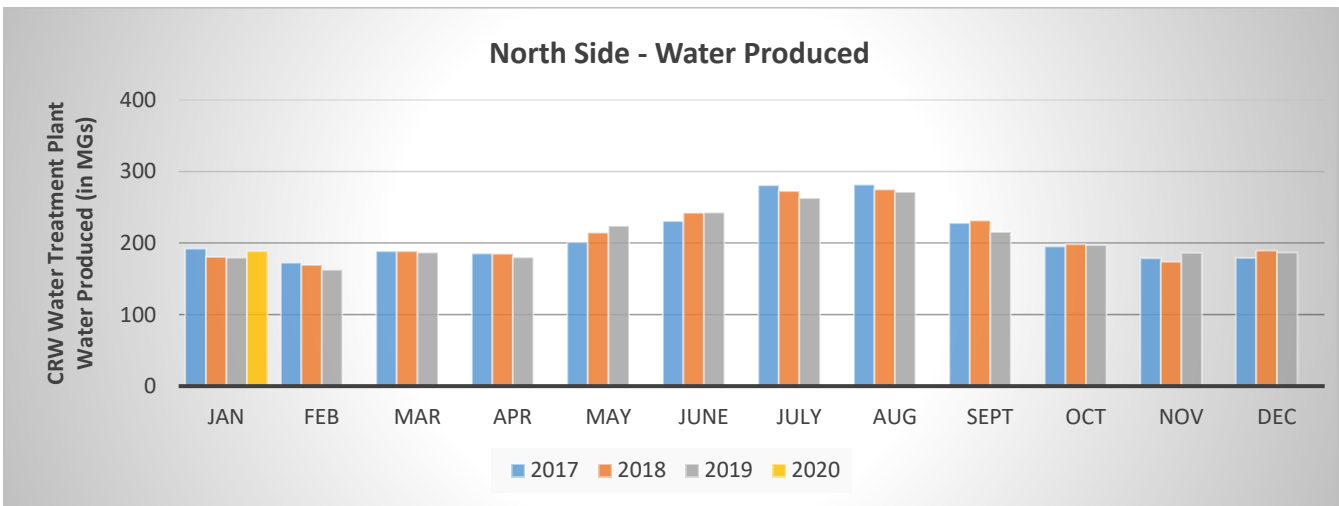
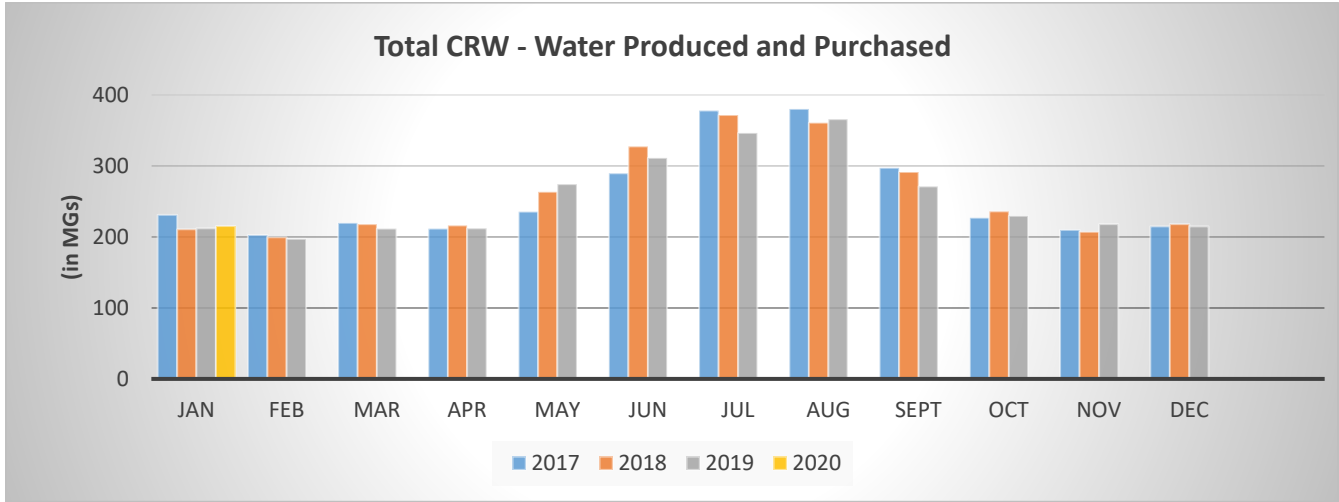
(b) CRC project #5243 and Sunnybrook & 93rd Loop project #5241 are included in ODOT/DTD budget

(c) Costs reported for the 152nd Reservoir project include deductions for contributions from Sunrise Water Authority, received to date. Final payment from SWA will be received when final costs accounting is completed and SWA share has been trued up to actual costs. Currently estimated greater than \$1.5 million.

(d) Backbone Phase 2 project costs were budgeted separately under General Fund- including administrative costs, property-related, pre-engineering, etc.

Water Distribution Charts

(as of January 2020)



Regulatory

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

Giardia and Cryptosporidium samples were collected for raw and finished water for LT2 Round 2 sampling. Samples were also collected for NCCWC and associated microbial analyses were conducted by CRW.

Quarterly Disinfection By-Product sampling was conducted at 4 locations in the North Service Area and 4 locations in the South Service Area distribution systems.

Annual Point of Entry Sampling was conducted in the North and South Service Areas for inorganic compounds, including metals, synthetic inorganic chemicals (SIOCs, 29 regulated for drinking water, 5 unregulated), volatile organic compounds, (VOCs, 21 regulated, 36 unregulated) and synthetic organic chemicals (SOCs, 29 regulated, 14 unregulated).

Non-Regulatory

General water quality parameters (pH, temperature, chlorine, TDS) were collected for the distribution system at 17 locations in the North and South systems and at 10 locations in the Sunrise Water Authority system.

Monthly watershed sampling was conducted at 4 long-term sampling locations for total organic carbon, nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc), and volatile organic carbon compounds (VOCs, 21 regulated for drinking water, 36 unregulated).

Quarterly watershed sampling was conducted at 4 long-term sampling locations for inorganic compounds, including metals, synthetic inorganic chemicals (SIOCs, 29 regulated for drinking water, 5 unregulated), and synthetic organic chemicals (SOCs, 29 regulated, 14 unregulated).

Sampling for Other Agencies

All 50 samples collected and analyzed during this period for Sunrise Water Authority showed no presence of coliform/*E.coli* bacteria.

Winter Conditions Report

Current Oregon statewide snow water equivalent is 93 percent of normal, improved from 79 percent over the last two weeks. Basin values vary from 86 percent of normal in the Klamath basin to 123 percent of normal in the Owyhee basin. Snowpack in the Hood, Sandy, and Lower Deschutes basin has increased from 25 percent of normal reported on December 30, 2019 to 90 percent today.

Oregon statewide water year precipitation at NRCS SNOTEL sites is 78 percent of normal.

Temperatures over the past two weeks have been warmer than normal.

January streamflow will likely end up between 75 and 80 percent of normal. This is higher than the 53 percent seen in December. Regionally for January, streamflow conditions should end up about 110 percent west of the Cascades.

