



**Clackamas River Water**

# **Monthly Update**

*June 2020*



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Contracts Log

(Executed since last board meeting May 14, 2020)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
DM Excavating	On-call Construction	NTE \$50,000	5/1/20	4/30/21	Extended
FCS Group	On-Call Rate Study Assistance	NTE \$50,000	5/14/20	4/30/21	New Contract
First Response	Security and Monitoring	NTE \$46,000	7/1/19	6/30/21	Extended
Metereaders, LLC	Meter Reading Services	NTE \$65,000	7/1/15	6/30/22	Extended (Approved by the Board in July as part of recurring contracts approval)
Murraysmith	152 <sup>nd</sup> Ave. Reservoir Construction Phase Assistance	NTE \$ 979,403.23	2/15/18	6/30/20	Approved by the Board in Feb. 2018, Amended Within the GM Authority to Increase the NTE For End of Project Work
Wilson-Heirgood	Safety Coordinator Assistance	NTE \$6,000	7/1/20	6/30/21	New Contract

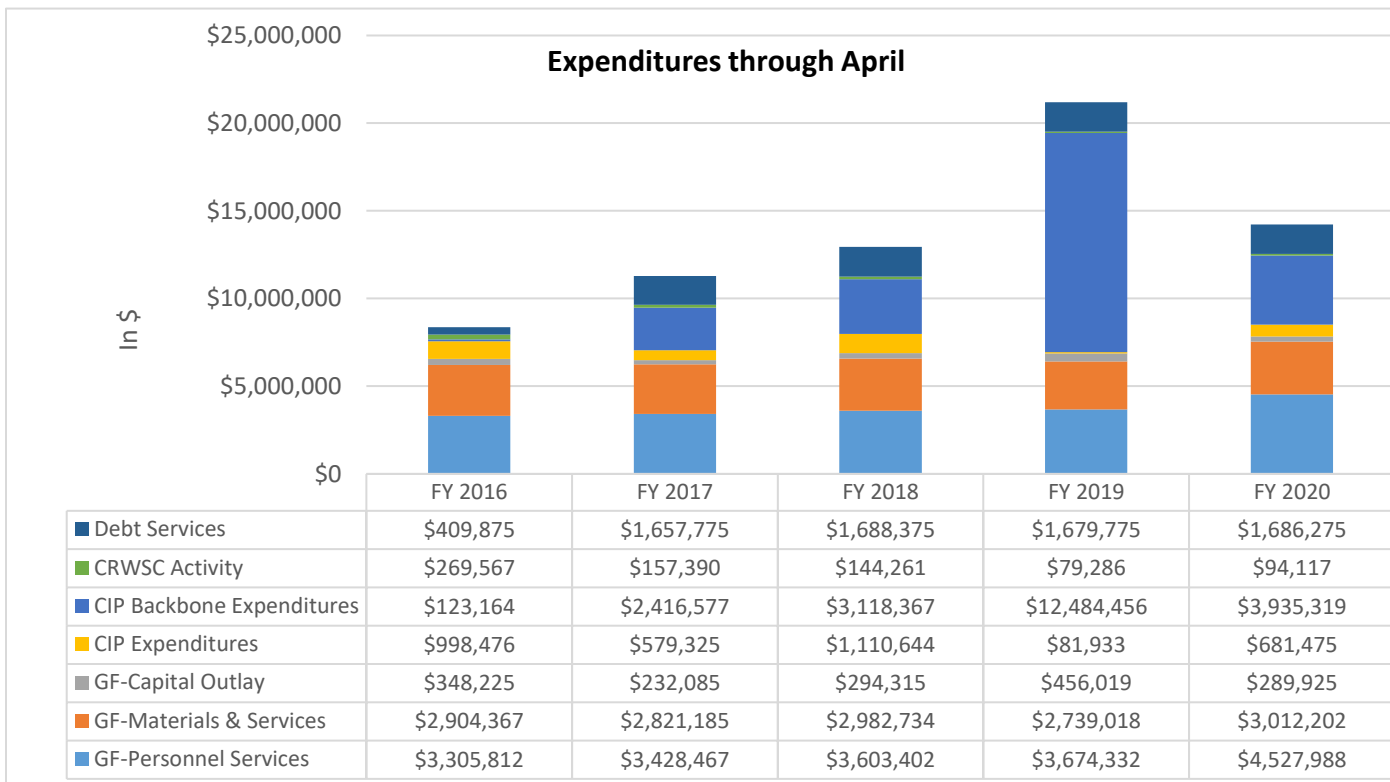
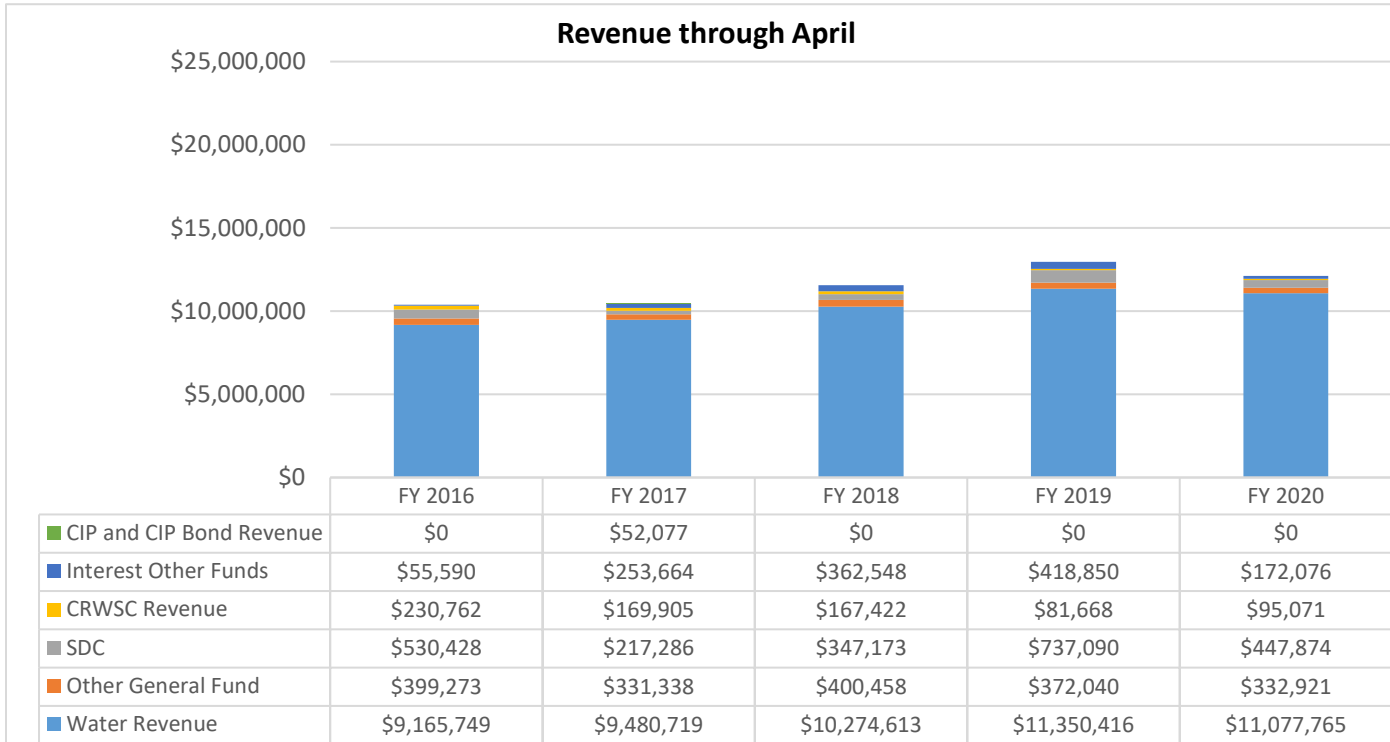
Summary of Legal

	<i>May 2020</i>
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer	\$ 1,489.20
Sub-contracted legal services	\$ _____
<b>Total Legal</b>	<b>\$ 5,729.20</b>

Public Records Request Received

**Number of Records Requests Received in May 2020** **0**

## Financial Reports

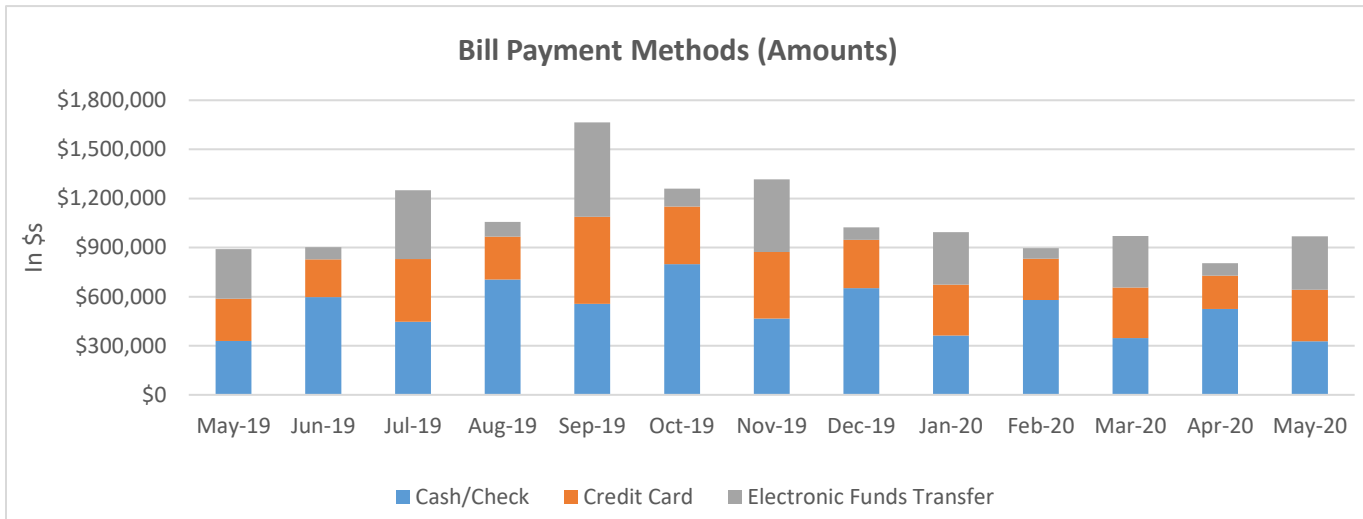
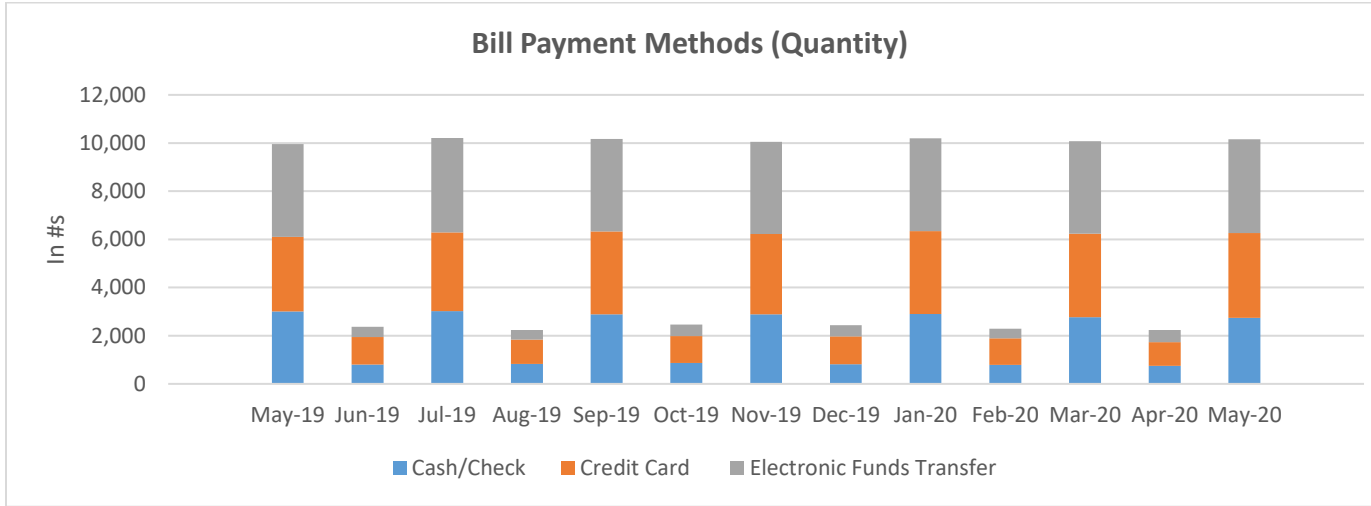


**Revenue:** Demand compared with FY 2019 is down by 4.967% through April billing. Revenue dollars are down 1.24% compared with FY 2019. The reduced consumption could have been the result of the decrease in average temperatures this past summer that continued into the fall. We are monitoring the effect the Stay Home/Save Lives order has on consumption. Any impact may become more evident after the May commercial billing cycle.

**Expenses –** Personnel Services expense dollars are significantly higher than prior years due to the payment of budgeted PERS Transitional Liability. Exclusive of the PERS Transitional Liability payment, Personnel Services are 35.68% of the biennial budget exclusive of the budgeted PERS payment. Materials & Services are at 34.03% of the biennial budget or \$676,000 below the 41.67% of the total budget.

(as of May 2020)

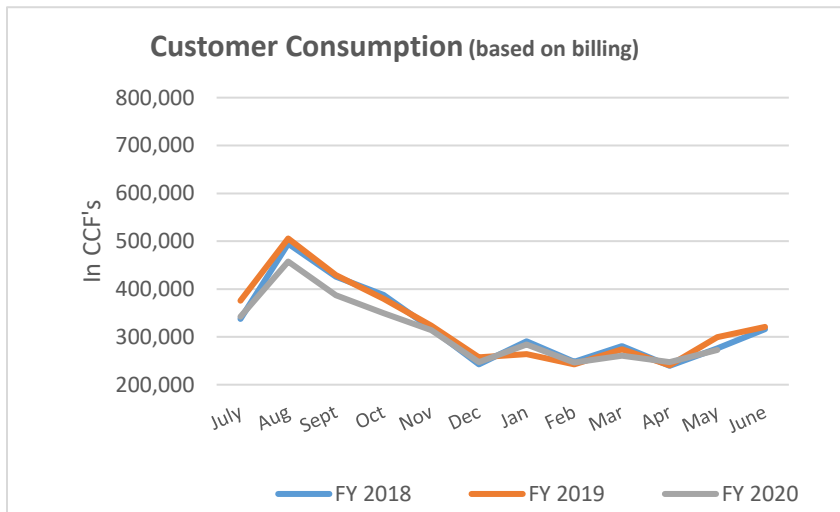
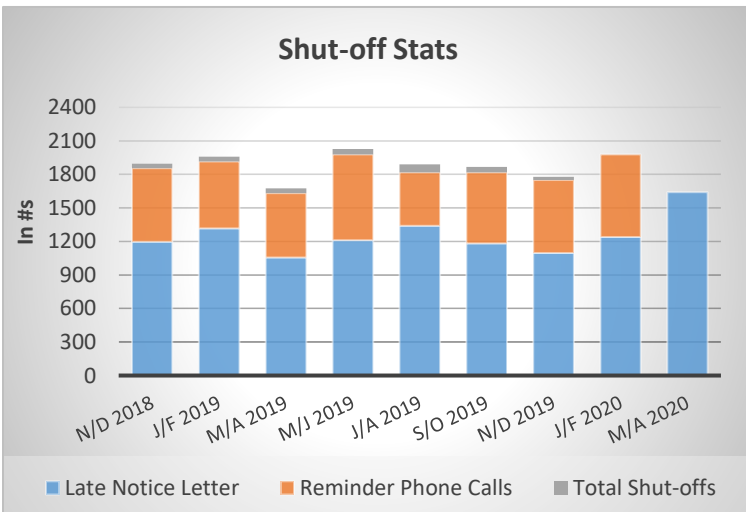
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



Cash/Check – Received via Lockbox, Counter

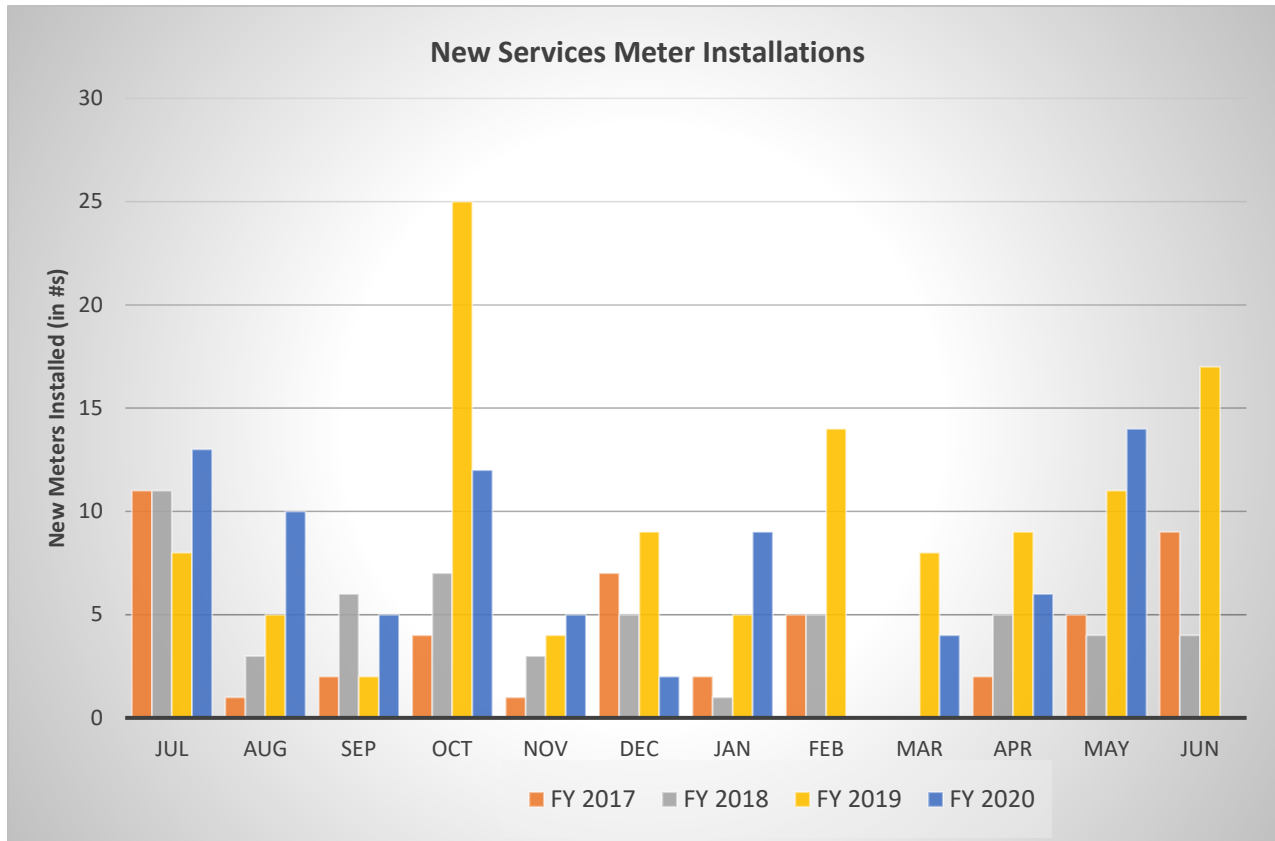
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

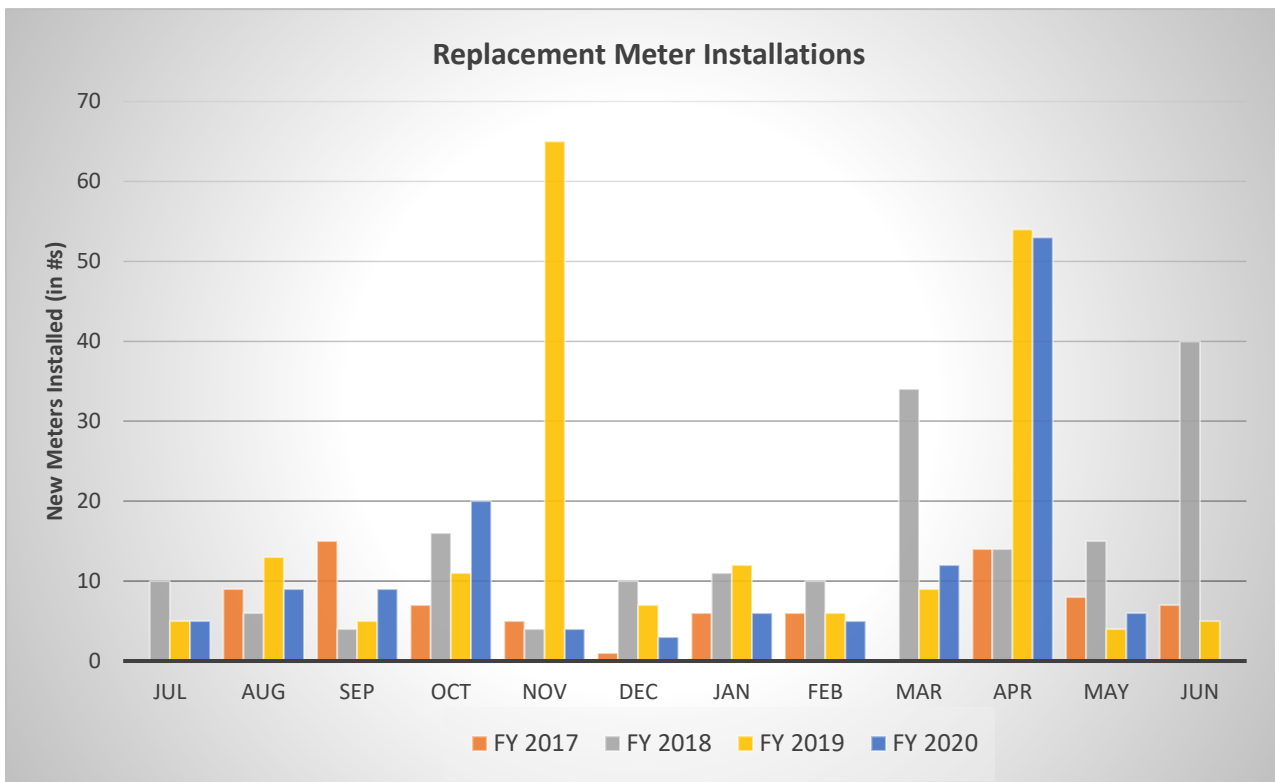


\*Reminder Phone Calls are made during the even months.

Shut-offs occur the following month. \*\*Jan/Feb late notice number is an estimate



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



No Replacements for Jul., Mar.FY17

## System Operations & Engineering

### Operation Statistics

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	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
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
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

Private Project Tracking – April 2020

Project No.	Name	Description	Budget	Spent	Phase	Status
<b>16-5205 Private</b>	Glen Oak Master Meter	Master Meter to Oregon City	N/A	N/A	Const.	No activity.
<b>16-5206 Private</b>	Rosewood Terrace	200+ Multi-family housing 6" meter	N/A	N/A	Const.	Punch list underway. Building nearing occupancy
<b>18-5232 Private</b>	Copper Heights	Residential 30 lot subdivision on difficult site	N/A	N/A	Design	No activity.
<b>19-5252 Private</b>	Heirloom Apartments	8" & 12" main extension for 286 unit apartments, (4) 3" meters, (7) 2" meters	N/A	N/A	Const.	Construction underway
<b>19-5240 Private</b>	Home2 Suites	12" main extension for 101 unit hotel	N/A	N/A	Const.	Construction underway
<b>19-5254 Private</b>	D St. Improvements	Road Extension with utilities (at Fuller P&R)	N/A	N/A	Design	Plan Review
<b>19-5255 Private</b>	Fuller Station Affordable Housing	100 unit Multi-family housing, 4" meter	N/A	N/A	Design	Plan Review
<b>19-5256 Private</b>	Residence Inn by Marriot	117 unit Hotel at Clackamas Town Center, 4" meter	N/A	N/A	Const.	Construction underway
<b>19-5258 Private</b>	Shellenberg School	8" main extension for fire service plus new 3" meter	N/A	N/A	Const.	Pipeline in service punch list underway
<b>19-5259 Private</b>	Washman	8" main and 2" meter	N/A	N/A	Design	No activity
<b>20-5261 Private</b>	Glencoe Townhomes	8" main and 2" meter	N/A	N/A	Design	Plan review
<b>20-5262 Private</b>	Bonaventure Senior Living	6" fire service and 3" meter	N/A	N/A	Design	Design review ongoing.
<b>20-5263 Private</b>	Fora Townhomes	7 domestic services on Lamphier St.	N/A	N/A	Design	Design review ongoing.



<b>Project Management Report</b>									
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 April 2020	Remaining Budget			
<b>Capital Improvement Projects Fund</b>									
ODOT/City/County DTD Adjustments	5249	169,000	117,000	286,000	61,583	180,086	(Backbone only)	61,583	Tracking and coordinating; ODOT Hwy 224 Overlay -2020, 82nd Ave Overlay-2021
CRC Mobility Improvements (b)	5243				39,011			45,320	Construction ongoing. Working with County and Contractor for required water relocations.
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-	5,320			19,204	Pipeline complete
Edgewood Neighborhood Waterline	5239	1,045,000	-	1,045,000	498,948	546,052		590,414	Punchlist nearing completion
Forsythe Road Waterline - Phase 1	5251	572,000		572,000	35,316	536,684		35,316	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	5260	74,000	-	74,000	4,589	69,411		4,589	Construction nearing completion
Mather Reservoir Control Valve	5250	210,000	-	210,000	25,525	184,475		25,525	Design complete. Scheduling construction
90th Ave Pump Station Valve Replacement	5248	-	150,000	150,000	10,937	139,063		10,937	Contractor selected. Control valves ordered, expect 8-10 weeks for delivery
Totals		2,070,000	1,561,000	3,631,000	681,476	2,949,524		793,135	

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 April 2020	Remaining Budget			
<b>Backbone Projects (Various Funds)</b>									
Butterfield Lane Transmission Main	5160	-	-	-	-	-	2,567,000	2,566,689	Complete
Carver-Springwater Transmission Main	5217	-	-	-	-	-	1,875,000	1,871,718	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	2,462,806 2,029,336	(1,052,805) (619,336)	9,400,000	11,875,750 (1,500,000) 10,375,750	Construction complete, minor punchlist items remaining
Hattan Road Pump Station	5190	1,322,000	-	1,322,000	850,030	471,970	4,402,000	4,260,058	Complete
Hattan Road Transmission Main	5191	382,000	-	382,000	281,579	100,421	3,823,000	4,041,861	Complete
Redland Reservoir #3	5195	-	-	-	320,160	(320,160)	4,128,000	4,104,759	Complete
General Project Administration	5187	25,000	-	25,000	3,037	21,963	250,000	205,516	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	No work to report
Grasle Road Transmission Main (d)	5235	-	-	-	85,832	(85,832)	N/A	112,726	No work to report
Beaver Lake Pump Station (d)	5236	-	-	-	74,204	(74,204)	N/A	107,568	Finalizing plat and property purchase
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	3,484,377	(345,142)	29,232,000	29,657,484	

**Notes:**

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

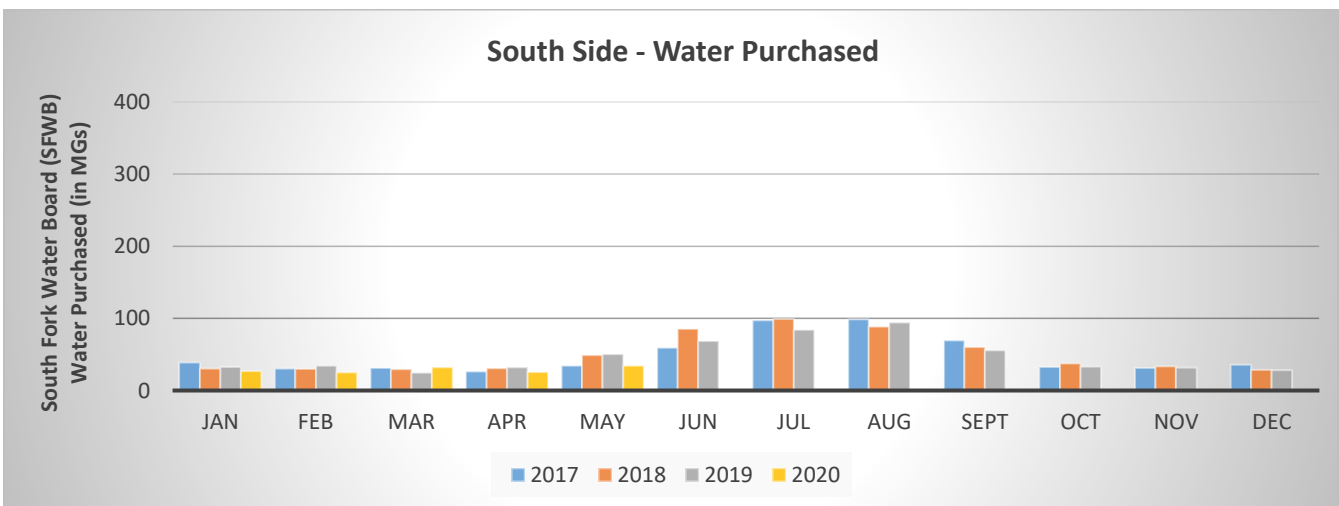
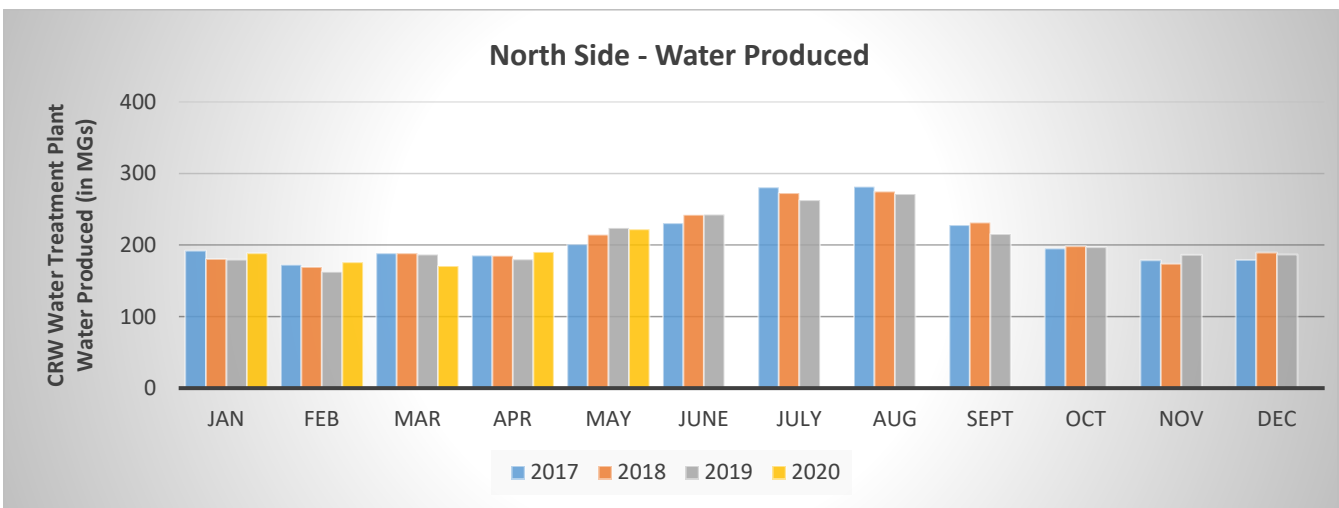
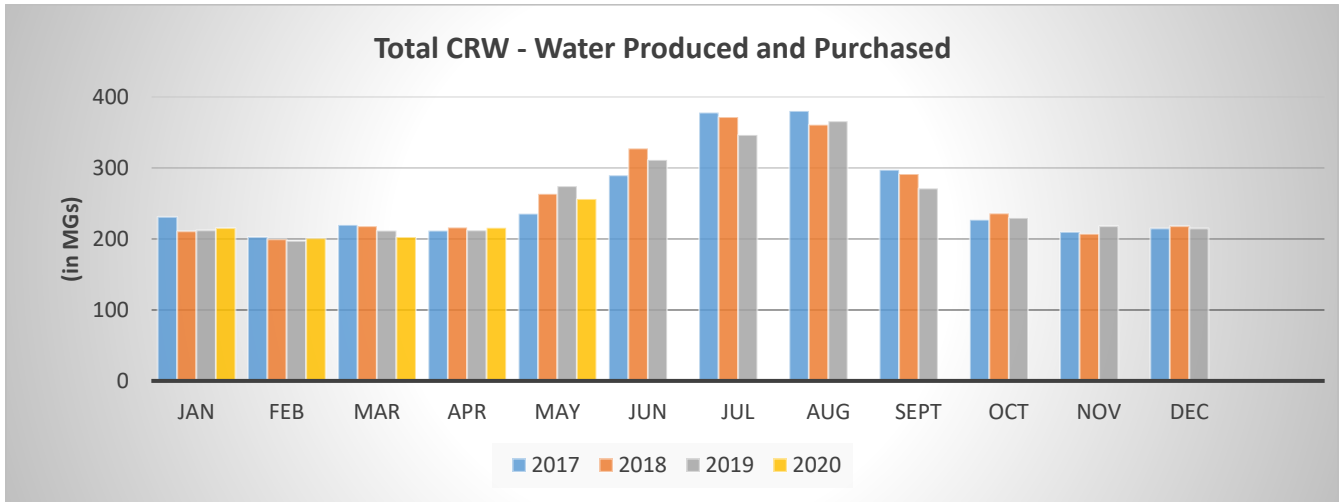
(b) CRC project #5243 and Sunnybrook & 93rd Loop project #5241 are included in ODOT/DTD budget

(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 May 2020)



### Regulatory

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

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.

### Cyanotoxin Testing

Microcystin and Cylindrospermopsin sampling of our raw water began in May and occurs every two weeks for compliance.

We have analyzed two samples from a bloom in Timothy Lake for PGE for Total Microcystin, Cylindrospermopsin, Anatoxin-a, and Saxitoxin. At the same time, we ran additional raw water samples from our intakes.

No cyanotoxins were detected in our raw water.

### Non-Regulatory

General water quality parameters (pH, temperature, chlorine, TDS) 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, temperature, and volatile organic carbon compounds (VOCs, 21 regulated for drinking water, 36 unregulated). Raw water at our intakes was also tested for giardia and cryptosporidium, as we do each month.

### 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.

Quarterly Disinfection By-Product sampling was conducted at 4 locations in the Sunrise Water Authority distribution system.

Winter Conditions Report as of June 1, 2020

The majority of Oregon snowpack has melted out and the remaining areas with snow will be rapidly melting out over the next couple of weeks.

Current Oregon statewide precipitation at NRCS SNOTEL sites is 80 percent of average.

Over the next 8 to 14 days, the NOAA Climate Prediction Center is forecasting a range of temperature and precipitation probabilities across the state. From higher than normal temperature in the southwest, transitioning to normal temperatures from northwest to south central Oregon and below-normal temperature in the eastern third of the state. The precipitation outlook is also varied from above-normal in the northwest transitioning to normal precipitation stretching from southwest to northeast and finally, above-normal in southeastern Oregon.

