



**Clackamas River Water**

# **Monthly Update**

*September 2020*



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Contracts Log

(Executed since last board meeting August 13, 2020)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
CG Contractors	Forsythe Rd. Water Line- Phase 1	NTE \$418,250			Approved by Board at August 2020 Meeting
C & R Reforestation	Brush clearing and tree trimming services	NTE \$50,000	5/21/15	11/15/20	Amended to increase the NTE
Madrone Technology Group	IT Support, Equipment & Licenses	NTE \$74,000	7/9/20	6/30/22	New. Board approved as part of the recurring contracts listing in July 2020
River City Environmental	Hydro-vac truck services	NT \$65,000	8/13/20	8/12/21	New. Board approved at the August 2020 meeting

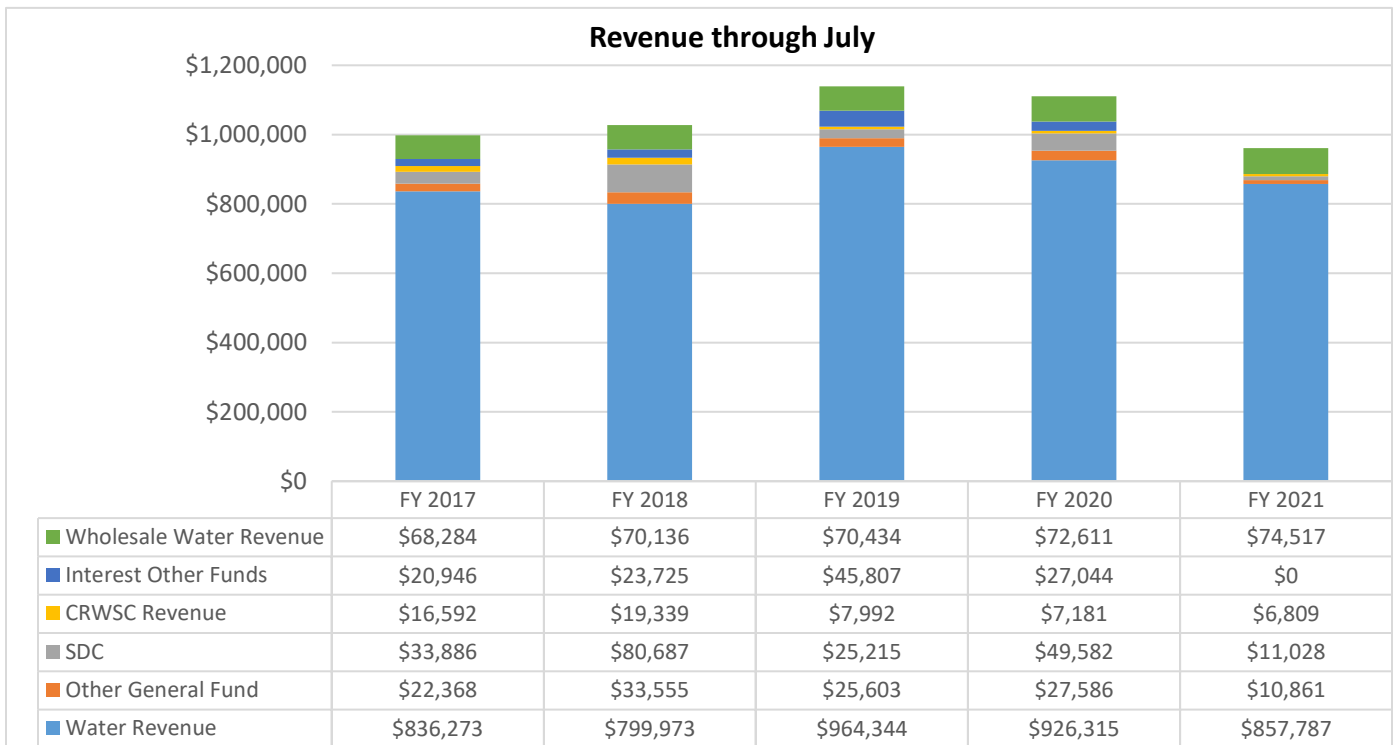
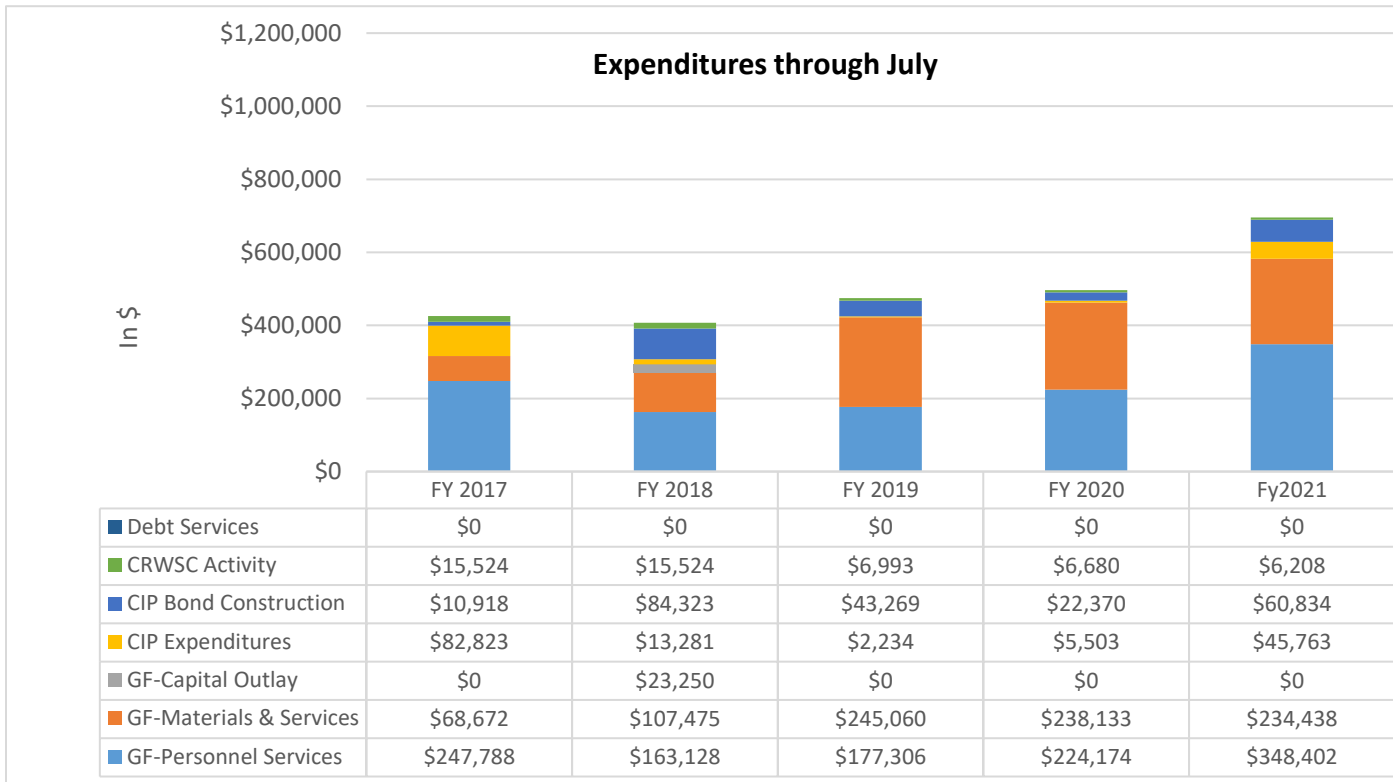
Summary of Legal

	<i>August 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 August 2020** **0**

## Financial Activity

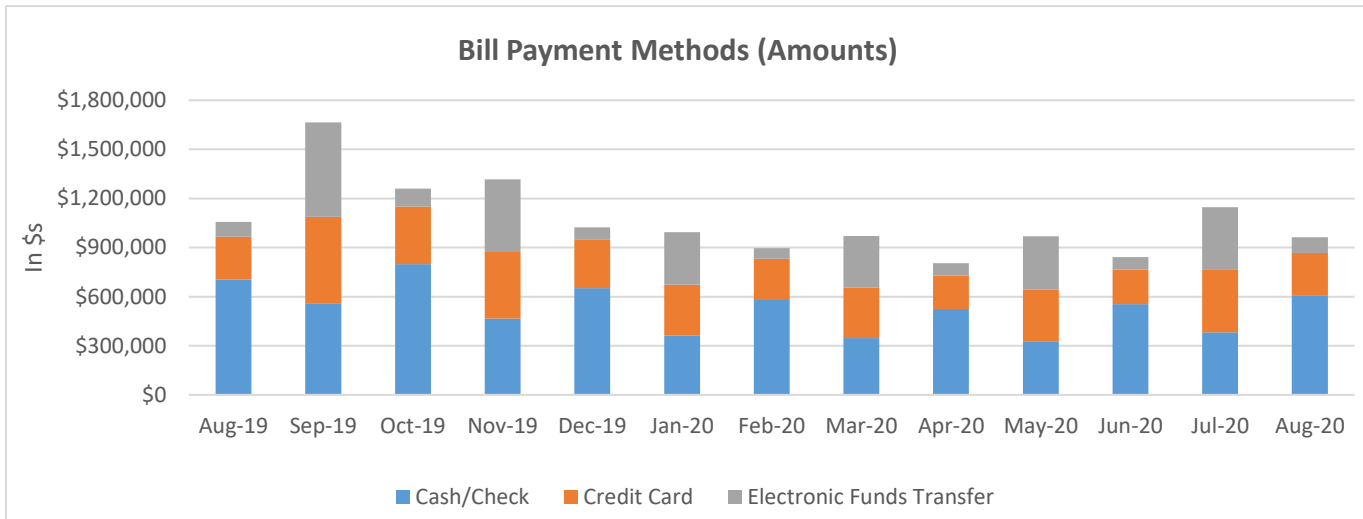
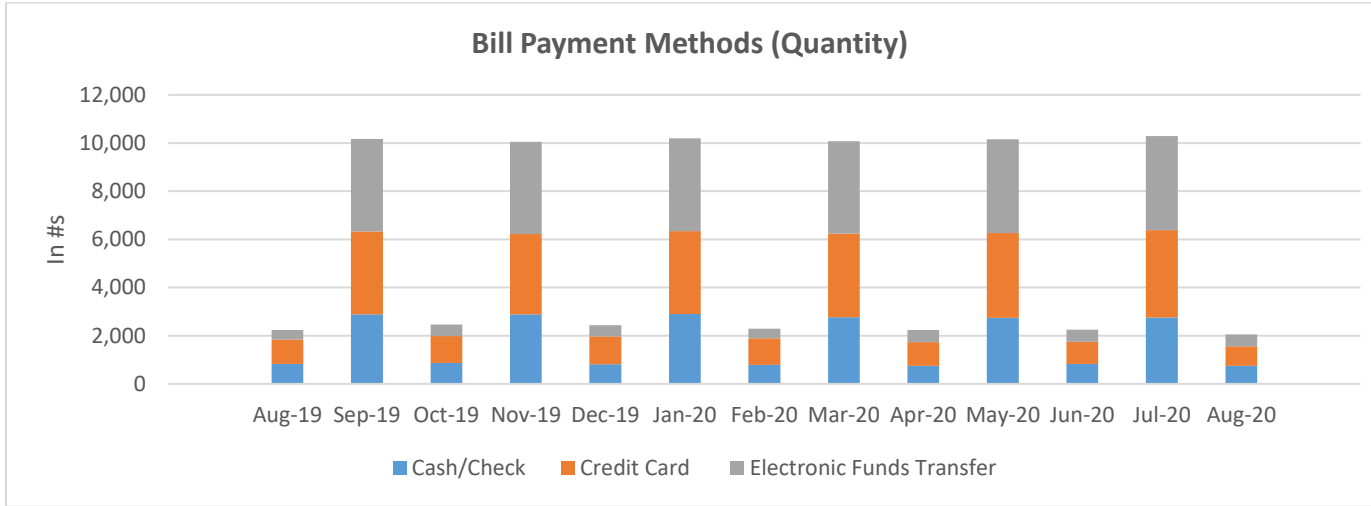


**Revenue:** The July interest earnings have not been posted to revenue

**Expenses:** July month reflects three pay periods in Personnel Service

(as of August 2020)

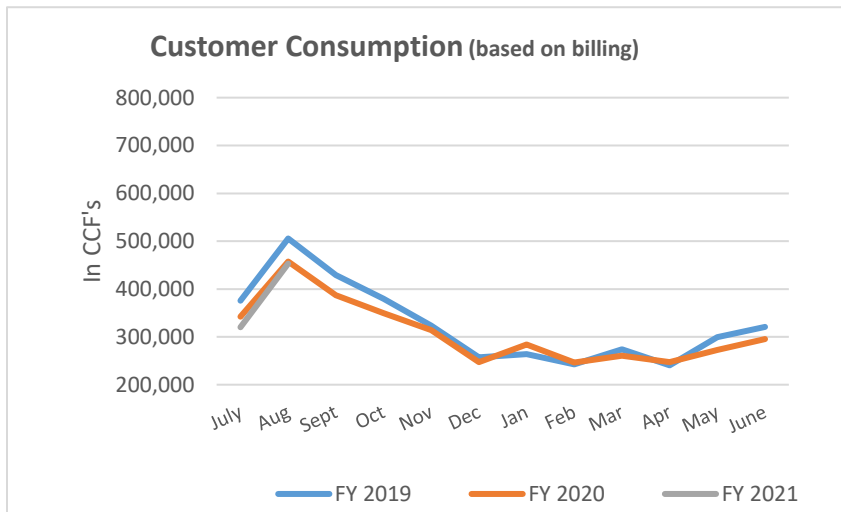
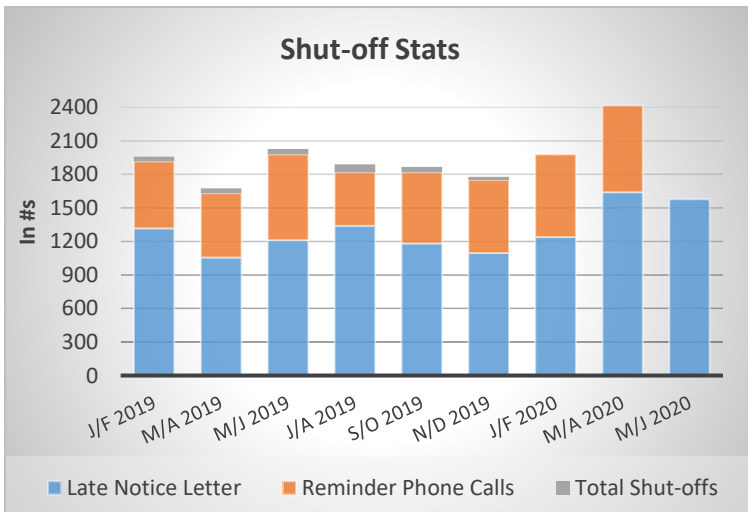
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



Cash/Check – Received via Lockbox, Counter

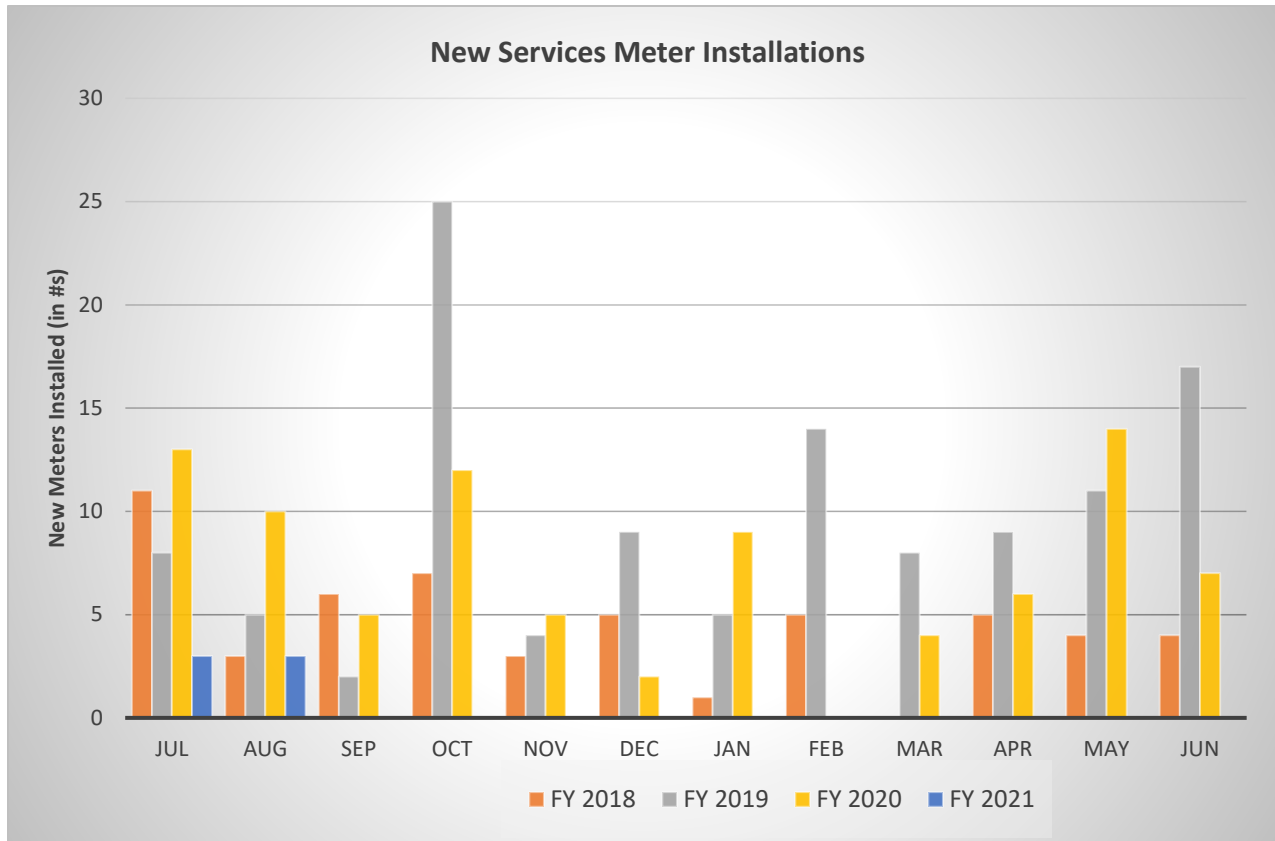
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

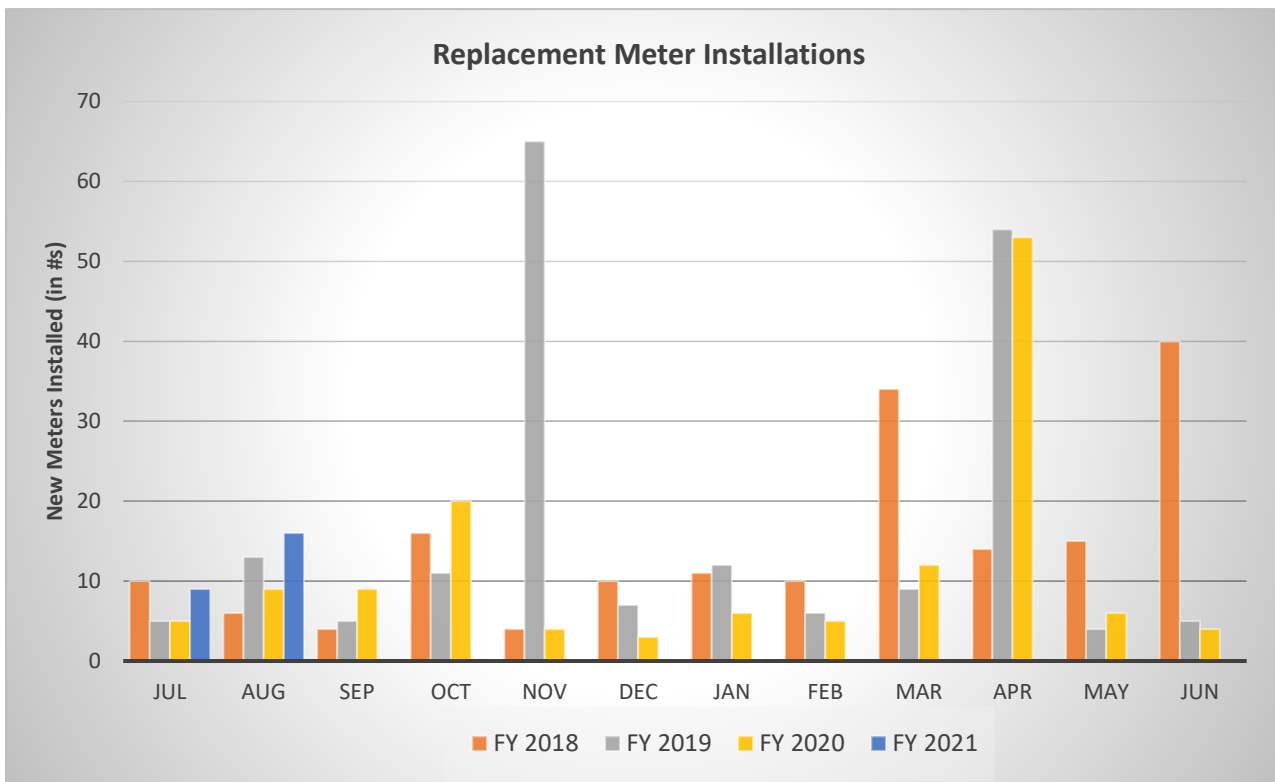


\*Reminder Phone Calls are made during the even months.

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

## 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
<b>Aug. 2019</b>	1	15.7	213	485	5	15	105	11
<b>Sep. 2019</b>	1	0	205	493	1	15	68	0
<b>Oct. 2019</b>	4	.2	226	501	8	5	71	0
<b>Nov. 2019</b>	1	.2	65	352	0	4	27	0
<b>Dec. 2019</b>	1	.1	78	337	19	8	50	0
<b>Jan. 2020</b>	0	.1	153	344	32	7	39	1
<b>Feb. 2020</b>	0	8.7	23	370	5	3	33	5
<b>Mar. 2020</b>	2	.3	139	438	147	7	31	3
<b>April 2020</b>	0	1.7	253	567	591	6	9	0
<b>May 2020</b>	2	.2	128	473	83	8	9	0
<b>June 2020</b>	1	0.2	327	571	171	3	41	4
<b>July 2020</b>	1	0.1	104	474	15	5	43	1
<b>Aug. 2020</b>	3	0.3	228	418	14	5	37	1

Private Project Tracking – August 2020

Project No.	Name	Description	Phase	Status
<b>16-5205 Private</b>	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	No activity
<b>16-5206 Private</b>	Rosewood Terrace	200+ Multi-family, 6" meter	Const.	Closing out
<b>18-5232 Private</b>	Copper Heights	Residential 30 lot subdivision on difficult site	Design	Some inquiry. May be starting up again
<b>19-5252 Private</b>	Heirloom Apartments	8" & 12" mains for 286-unit apartments, (4) 3" meters, (7) 2" meters	Const.	Water mains complete. Services progressing
<b>19-5240 Private</b>	Home2 Suites	12" main for 101-unit hotel, 4" meter	Const.	Punch list underway. Beginning close out.
<b>19-5254 Private</b>	D St. Improvements	Road Extension with utilities (at Fuller P&R)	Design	Plan review
<b>19-5255 Private</b>	Fuller Station Affordable Housing	100-unit Multi-family housing, 4" meter	Design	Plan review
<b>19-5256 Private</b>	Residence Inn by Marriot	117-unit Hotel at Clackamas Town Center, 4" meter	Const.	Punch list underway. Beginning close out
<b>19-5258 Private</b>	Shellenberg School	8" main extension for fire service plus 3" meter	Const.	Close out
<b>19-5259 Private</b>	Washman	8" main and 2" meter	Design	No activity
<b>20-5261 Private</b>	Glencoe Townhomes	8" main and 2" meter	Const.	Starting WL in September
<b>20-5262 Private</b>	Bonaventure Senior Living	6" fire service and 3" meter	Design	Plan approved
<b>20-5263 Private</b>	Fora Townhomes	7 domestic services on Lamphier St.	Const.	Construction beginning.
<b>20-5267</b>	Ogden MS Fire Service	6" main extension of fire service	Const.	Construction Beginning.



<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 July 2020	Remaining Budget			
<b>Capital Improvement Projects Fund</b>								(Backbone only)	
ODOT/City/County DTD Adjustments	5249	169,000	117,000	286,000	3,604	140,488		68,999	Tracking and coordinating; ODOT 82nd Ave Overlay-2021
CRC Mobility Improvements (b)	5243				20,420			77,502	Required water relocations are complete. Coordinating irrigation connections with County.
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-				20,014	Complete
Edgewood Neighborhood Waterline	5239	1,045,000	-	1,045,000	6,196	158,265		977,421	Complete
Forsythe Road Waterline - Phase 1	5251	572,000		572,000	4,937	526,840		45,160	Bid awarded to CG Contractors LLC. Determining schedule.
Leland Road Master Meter & Waterline	TBD	-	480,000	480,000	-	480,000		-	No Activity
82nd Drive Waterline - Phase 1	5253	-	814,000	814,000	156	813,004		996	In design
Orchid Waterline & Meter	5260	74,000	-	74,000	113	38,590		35,410	Complete
Mather Reservoir Control Valve	5250	210,000	-	210,000	2,658	156,445		53,555	Complete
90th Ave Pump Station Valve Replacement	5248	-	150,000	150,000	8,404	128,123		21,877	Complete
Totals		2,070,000	1,561,000	3,631,000	46,489	2,441,754		1,300,935	

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 July 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	-	-	-	-	-	2,412,000	2,231,132	Complete
152nd Avenue Reservoir (c)	5188	1,410,000	-	1,410,000	60,834	35,167	9,400,000	9,315,985	Complete
Hattan Road Pump Station	5190	1,322,000	-	1,322,000		240,221	4,402,000	4,505,112	Complete
Hattan Road Transmission Main	5191	382,000	-	382,000		91,122	3,823,000	3,760,282	Complete
Redland Reservoir #3	5195	-	-	-		(331,746)	4,128,000	4,116,345	Complete
General Project Administration	5187	25,000	-	25,000	7,486		250,000	219,965	Minor admin tasks remaining
All Phase 2 Project work Charged to Phase 1							375,000		
Bradley Rd (Butterfield) Pump Station (d)	5213	-	-	-			N/A	38,260	No work to report
Grasle Road Transmission Main (d)	5235	-	-	-			N/A	103,364	No work to report
Beaver Lake Pump Station (d)	5236	-	-	-			N/A	138,291	Finalizing plat and property purchase
Bradley Rd Transmission Main (d)	5237	-	-	-			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	68,320	34,764	29,232,000	28,870,877	

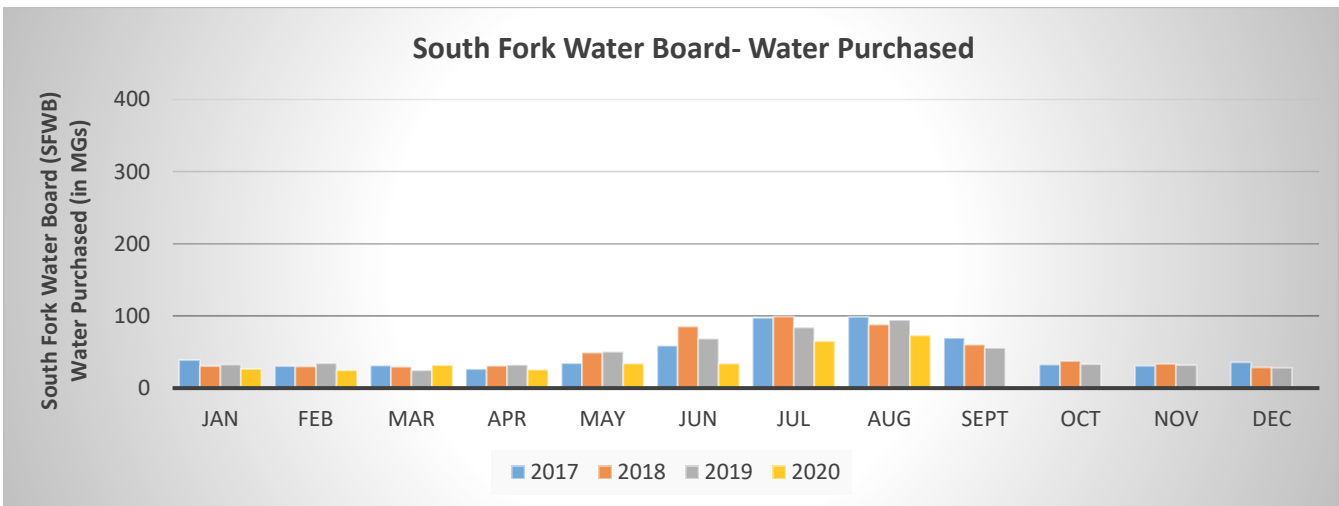
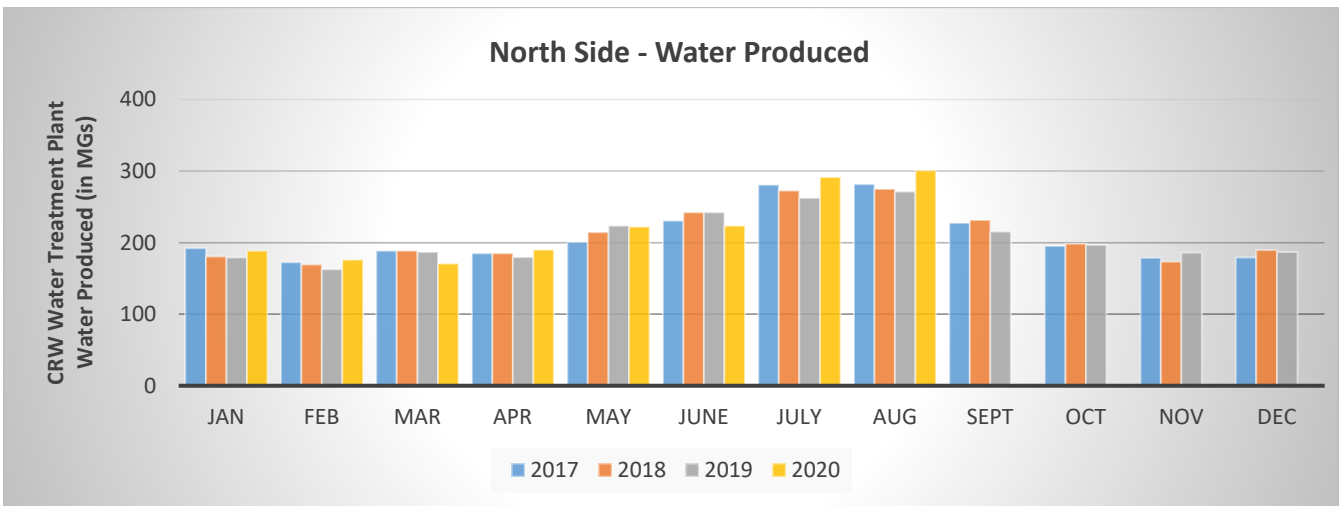
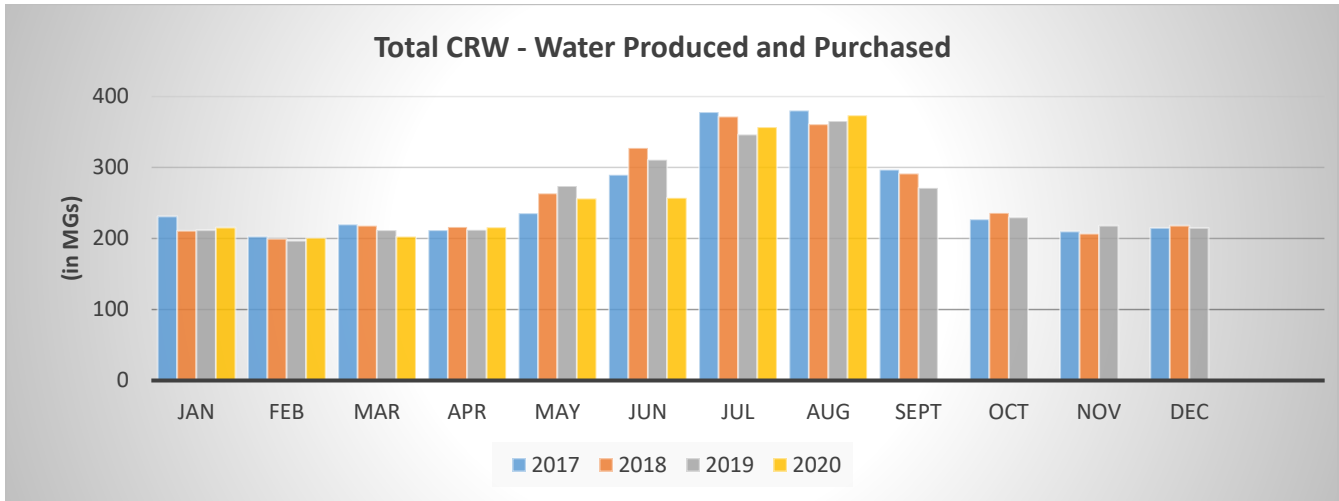
**Notes:**

(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, three received to date.

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



### **Regulatory**

All 84 samples collected and analyzed for the August 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 through October for compliance, and the samples are analyzed at our in-house accredited laboratory.

We analyzed one sample each week between May 19<sup>th</sup> and August 3<sup>rd</sup> from a bloom in Timothy Lake for PGE. Each sample was analyzed for Total Microcystin, Cylindrospermopsin, Anatoxin-a, and Saxitoxin. We used the opportunity to run additional raw water samples from our intakes at the same time.

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 volatile organic compounds, total organic carbon, nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc), 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 was tested for giardia and cryptosporidium.

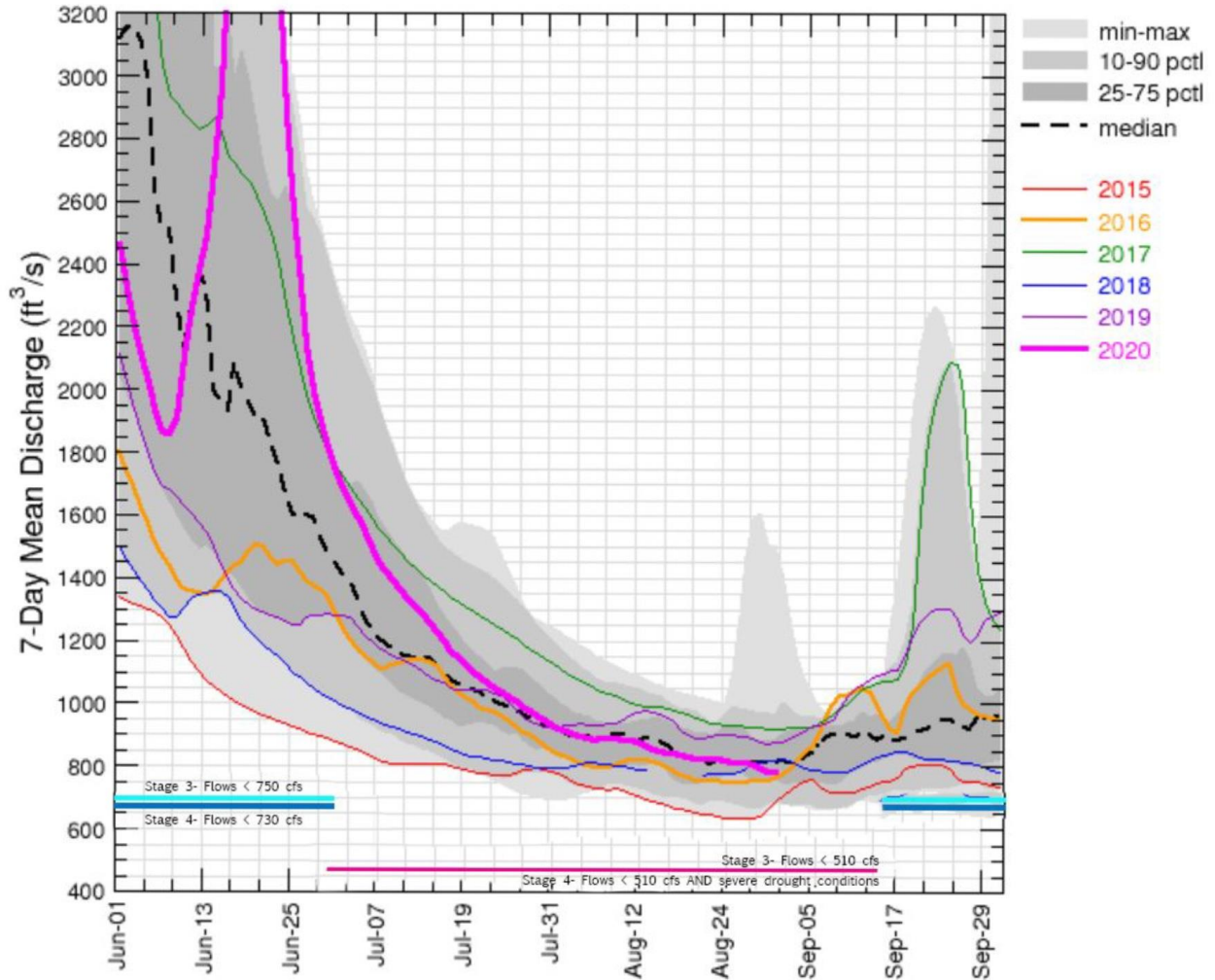
### **Sampling for Other Agencies**

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

Quarterly Disinfection Bi-product (DPB) sampling was performed at four sites for Sunrise Water Authority.

### Clackamas River near Oregon City, OR (14211010)

Data from U.S. Geological Survey, Jun-08-2001 to Aug-31-2020



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