



**Clackamas River Water**

# **Monthly Update**

*February 2021*



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Contracts Log

(Executed since last board meeting January 14, 2021)

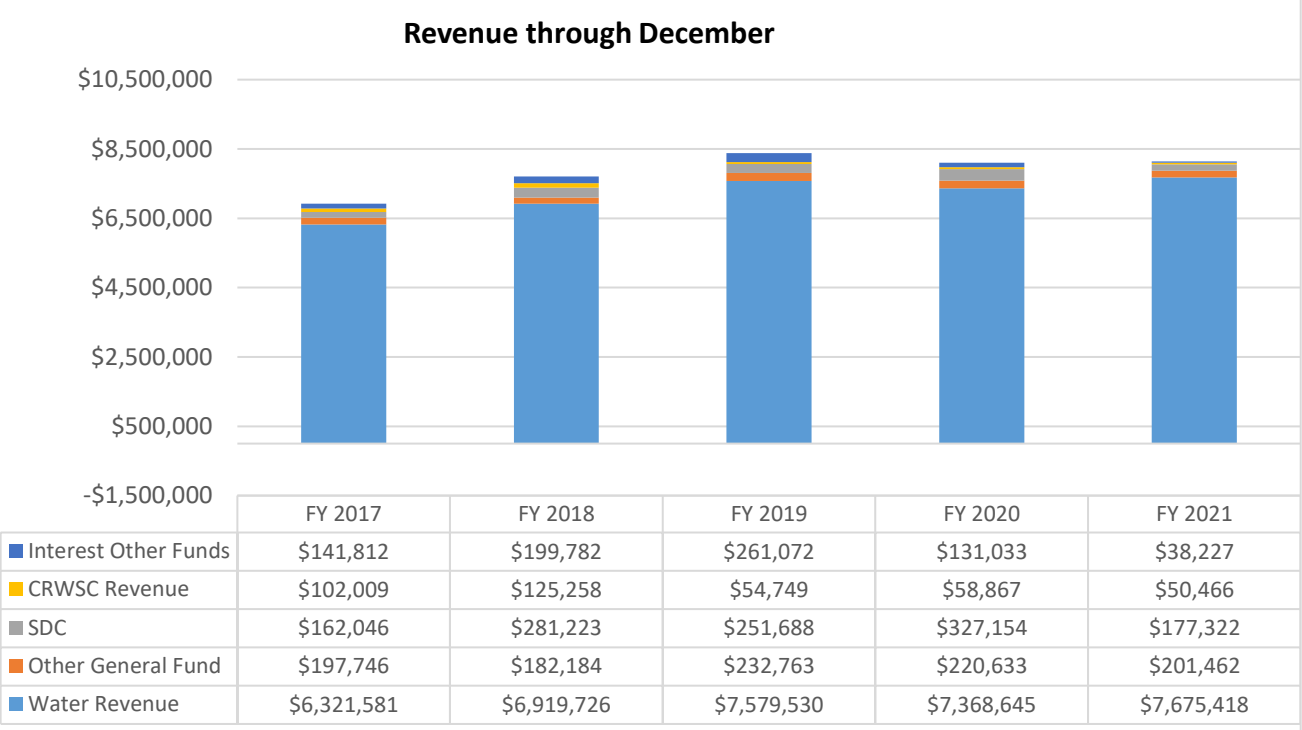
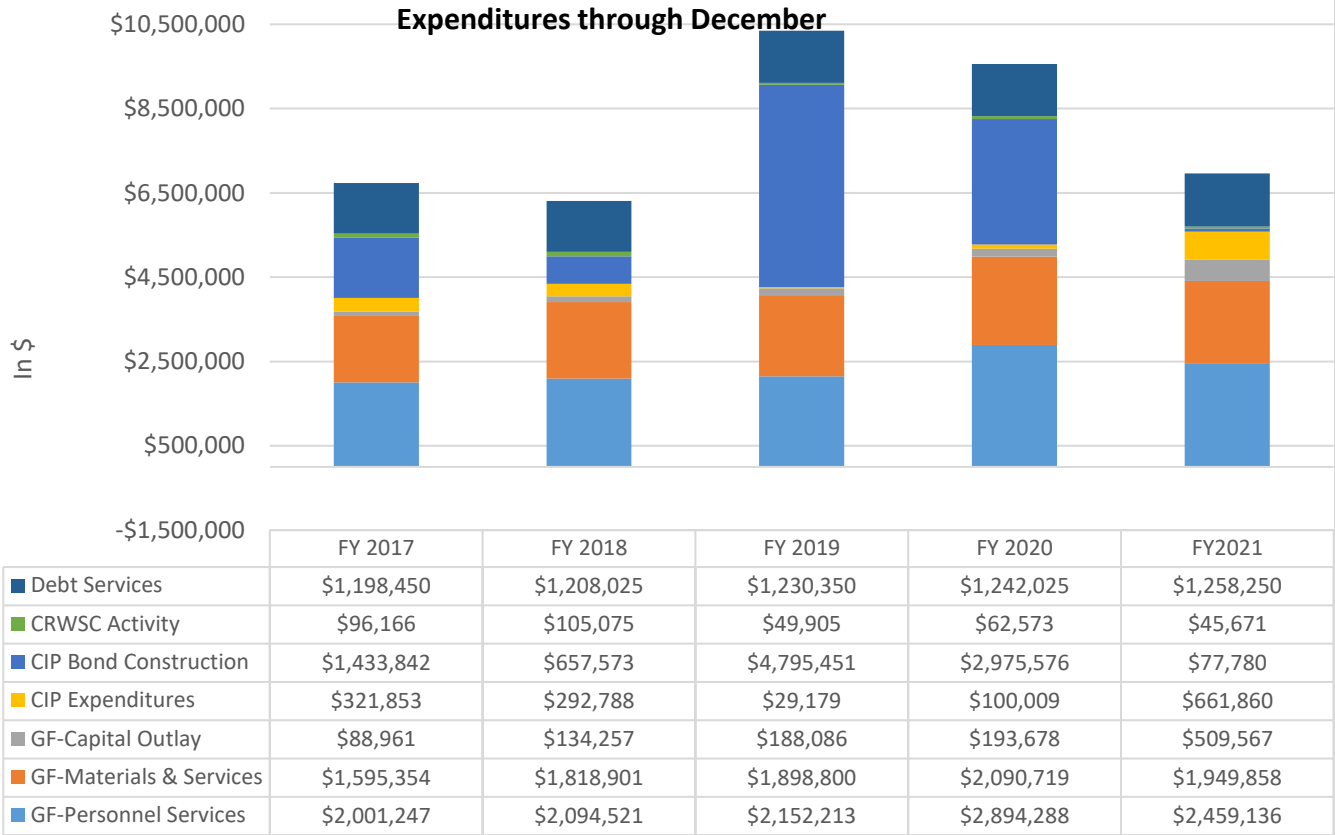
Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
K & D Flagging	Flagging Services	NTE \$50,000	1/1/21	12/31/21	New
Northwest Mechanical LLC	On-Call HVAC Services	NTE \$50,000	2/1/2021	1/31/23	New
Team Electric	On-Call Electrical Services	NTE \$65,000	1/1/2021	12/31/21	New. Approved by the Board January 14, 2021
Verizon	Data plans		4/16/2012	3/31/2021	Extended

Summary of Legal

	January 2021
Harrang Long Gary Rudnick monthly retainer	\$ 4,240.00
Harrang Long Gary Rudnick work outside of retainer	\$
Sub-contracted legal services	\$ _____
<b>Total Legal</b>	<b>\$ 4,240.00</b>

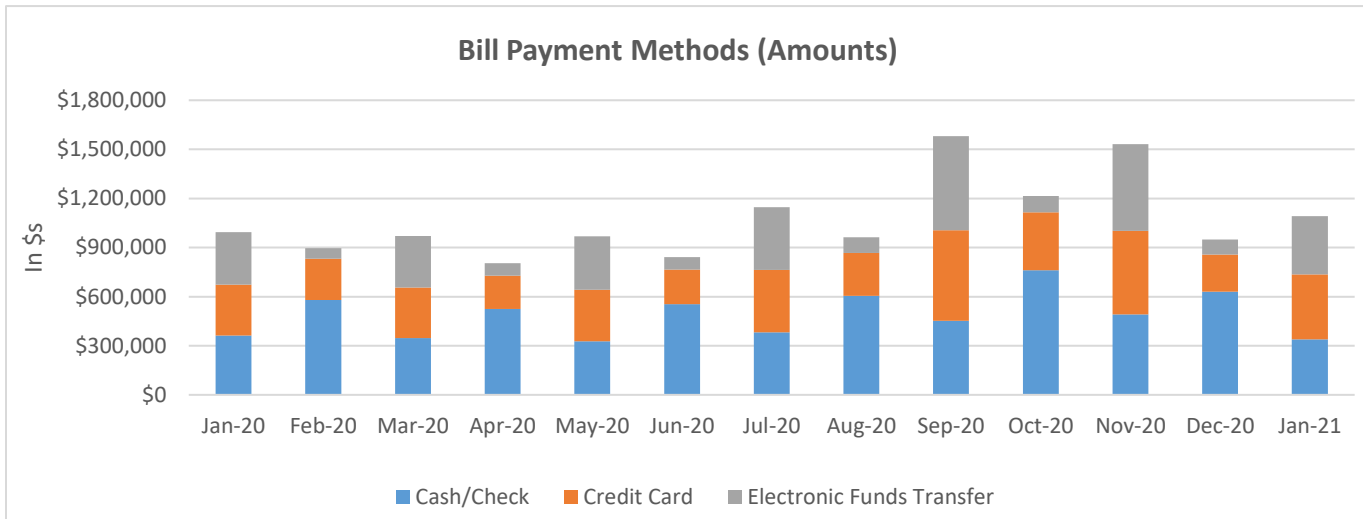
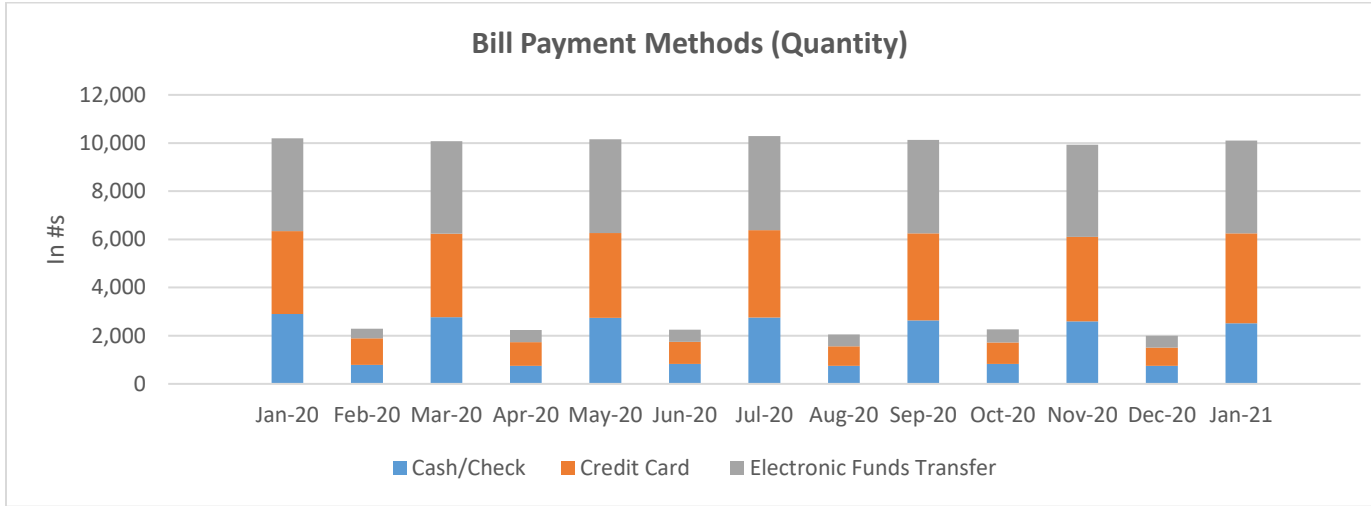
Public Records Request Received

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



(as of the end of January 2021)

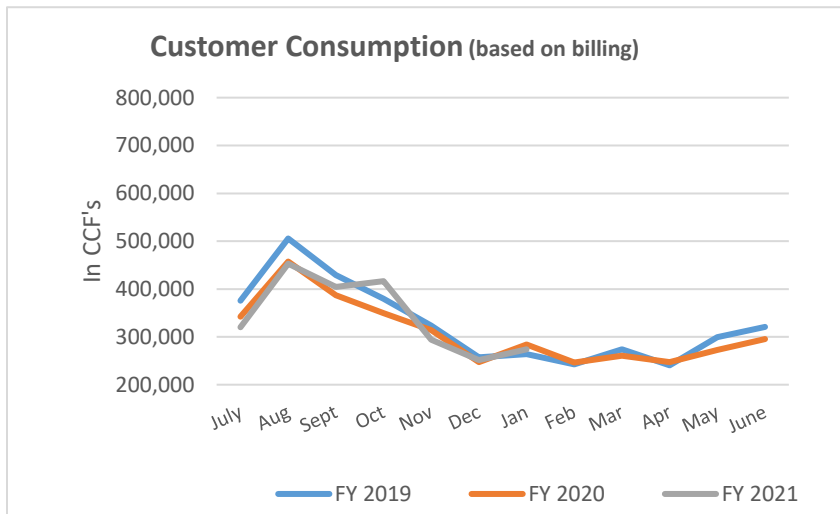
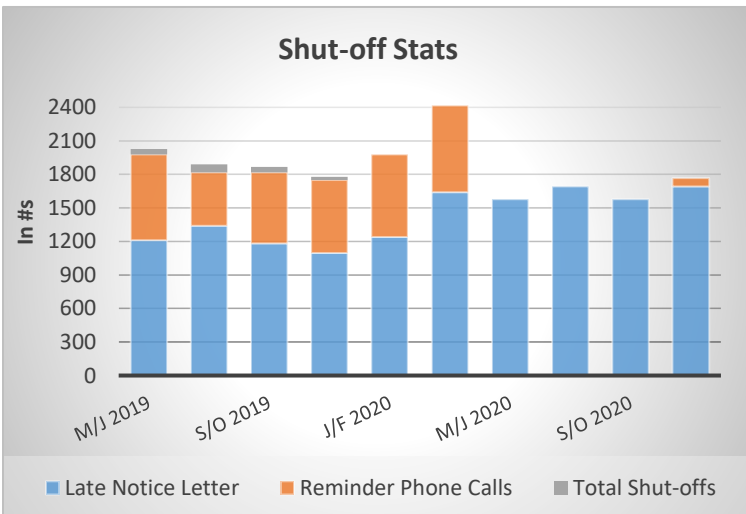
Residential Customers are billed on the even months, Commercial Customers are billed on the odd months.



Cash/Check – Received via Lockbox, Counter

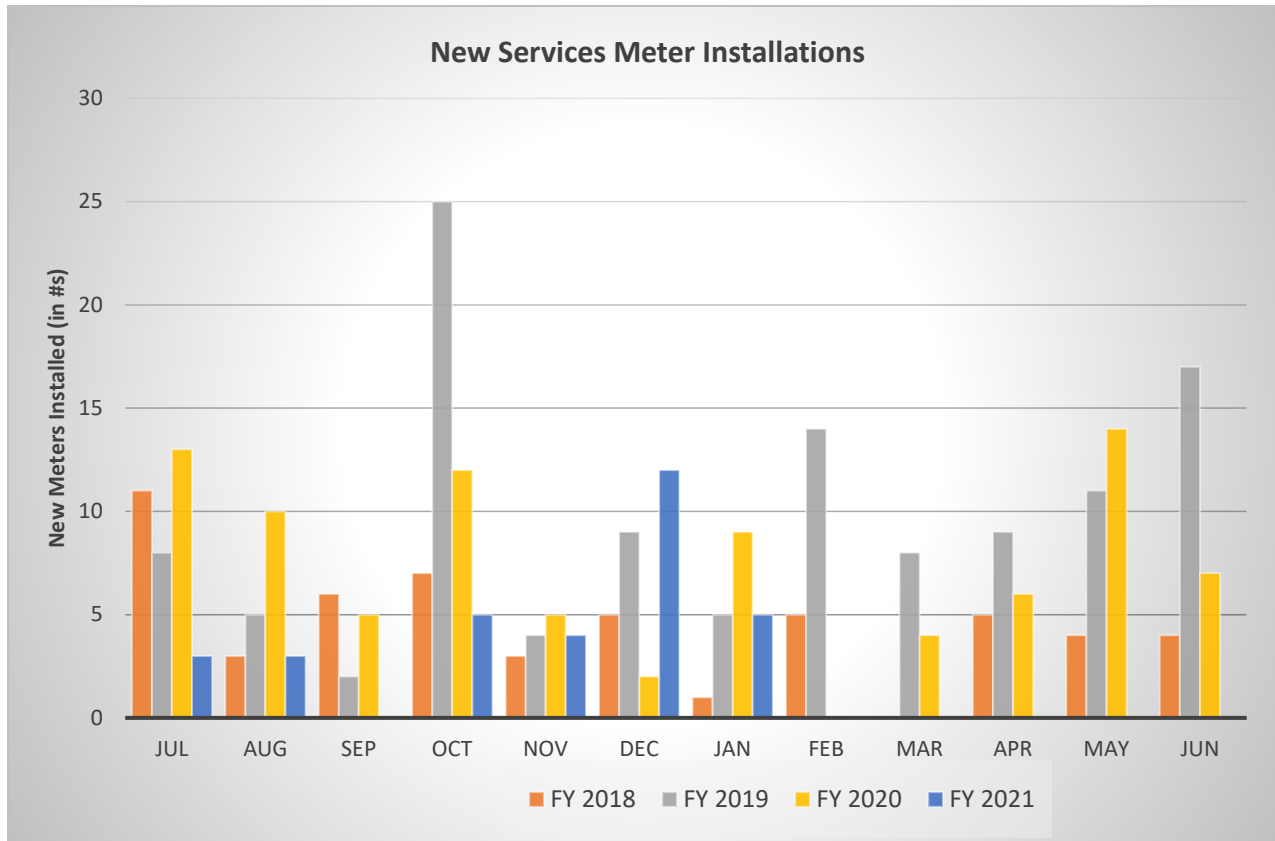
Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

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

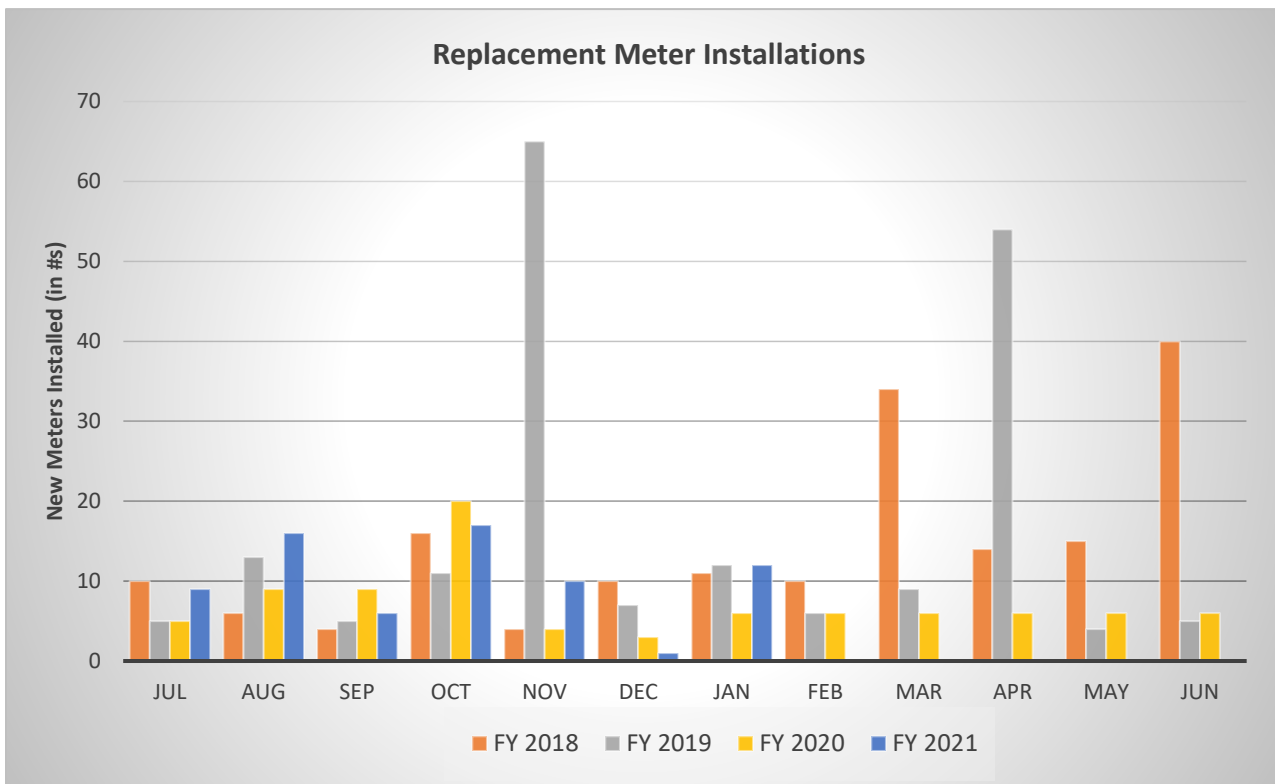


\*Reminder Phone Calls are made during the even months.

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



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



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
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
Dec. 2020	3	1	13	339	26	3	55	5
Jan. 2021	2	.2	5	419	257	7	61	5

## Private Project Tracking –January 2021

Project No.	Name	Description	Phase	Status
<b>16-5205 Private</b>	Glen Oak Master Meter	8" Master Meter to Oregon City	Const.	Preconstruction meeting held 1/26.
<b>18-5232 Private</b>	Copper Heights	Residential 30 lot subdivision on difficult site	Design	No activity.
<b>19-5252 Private</b>	Heirloom Apartments	8" & 12" mains for 286-unit apartments, (4) 3" meters, (7) 2" meters	Const.	Water work complete. Site work continues.
<b>19-5240 Private</b>	Home2 Suites	12" main for 101-unit hotel, 4" meter	Const.	Punch list underway.
<b>19-5254 Private</b>	D St. Improvements	Road Extension with utilities (at Fuller P&R)	Const.	Plan review complete. Pending construction start.
<b>19-5255 Private</b>	Fuller Station Affordable Housing	100-unit Multi-family housing, 4" meter	Design	Plan review complete. Pending construction start.
<b>19-5256 Private</b>	Residence Inn by Marriot	117-unit Hotel at Clackamas Town Center, 4" meter	Const.	Punch list underway.
<b>19-5258 Private</b>	Shellenberg School	8" main extension for fire service plus 3" meter	Const.	Closing out. Pending warranty bond.
<b>19-5259 Private</b>	Washman	8" main and 2" meter	Const.	Pending construction start.
<b>20-5261 Private</b>	Glencoe Townhomes	8" main and 2" meter	Const.	Closed.
<b>20-5262 Private</b>	Bonaventure Senior Living	6" fire service and 3" meter	Const.	Pending construction start.
<b>20-5263 Private</b>	Fora Townhomes	7 domestic services on Lamphier St.	Const.	Construction underway.
<b>20-5264 Private</b>	West Coast Storage	2 - 6" Fire Service and 2 - 2" Meters	Const.	Construction underway.
<b>20-5267 Private</b>	Ogden MS Fire Service	6" main extension of fire service	Const.	Punch list underway.
<b>20-5271 Private</b>	Capps Rd @ 120th	2- 6" Fire Services and 2 - 2" Meters	Const.	Construction underway.
<b>20-5272 Private</b>	Elite Motors	8" Main and 1" Meter	Design	Plan review.

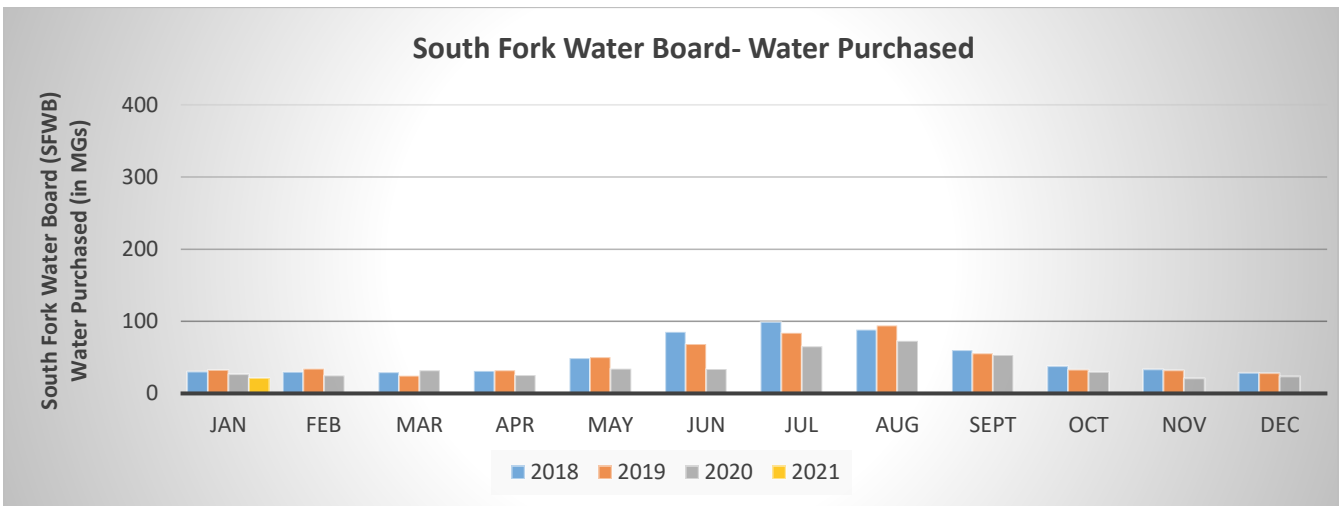
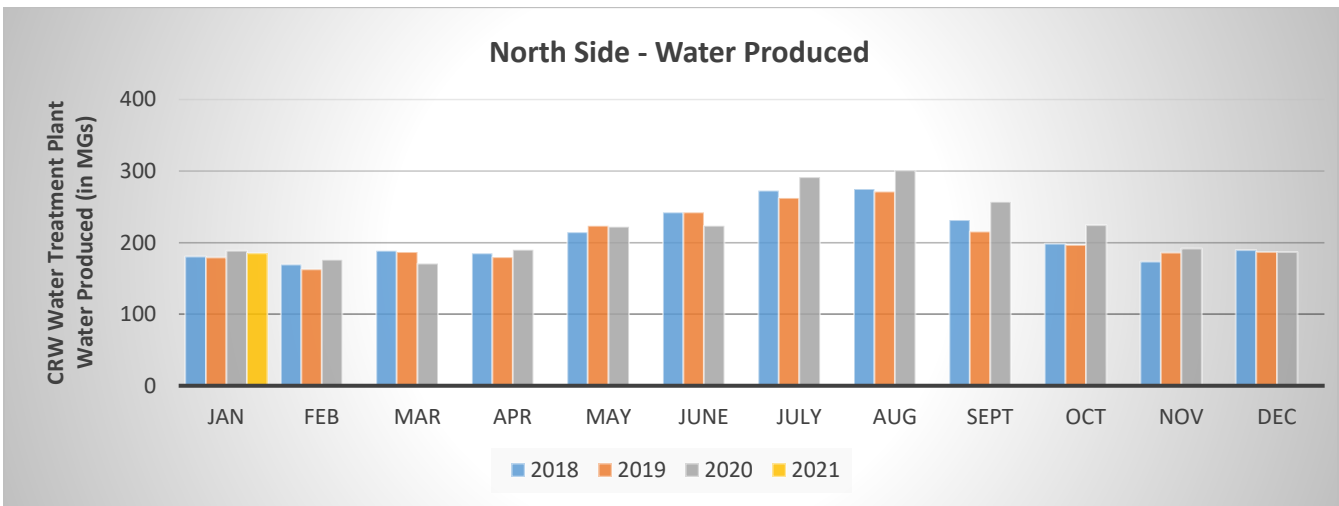
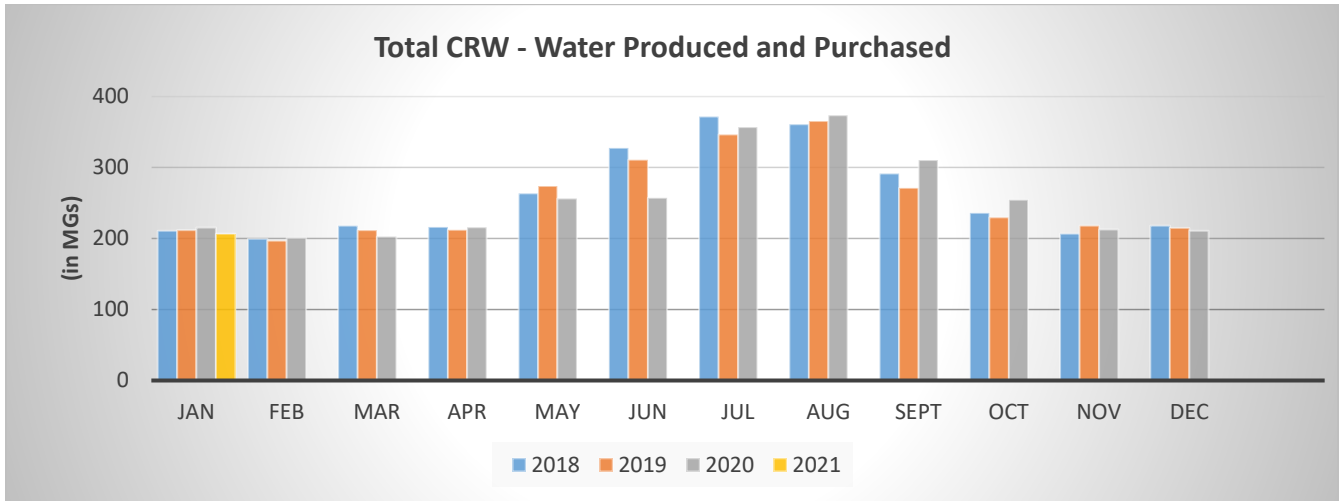


<b>Project Management Report</b>										
Project Description	Project #	BN 2019-2021						Current Phase/Status		
		FY 2020 Budget	FY 2021 Budget	Total BN Budget	FY 2020 Actual	Through December 2020	Remaining Budget	Expenditures to Date (a)		
<b>Capital Improvement Projects Fund</b>										
ODOT/City/County DTD Adjustments	5249	169,000	117,000	286,000	67,024	11,690	118,475	78,714	Tracking and coordinating; ODOT 82nd Ave Overlay-2021	
CRC Mobility Improvements (b)	5243				50,772	28,547		85,628	Coordinating irrigation connections	
Sunnybrook & 93rd Loop Waterline (b)	5241	-	-	-	5,320			20,014	Complete	
Edgewood Neighborhood Waterline	5239	1,045,000	-	1,045,000	907,777	55,386	81,838	1,054,629	Complete	
Forsythe Road Waterline - Phase 1	5251	572,000		572,000	40,223	365,704	166,072	405,928	Waterline in place and online and online. Scheduling final pavement for clear weather	
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	61,968	751,193	62,807	Bid opens 3/2/2021	
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	
Totals		2,070,000	1,561,000	3,631,000	1,171,623	686,494	1,772,883	1,970,586		

**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 January 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.

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, hardness, alkalinity) were collected throughout the distribution system at 19 locations in the North and South systems.

Monthly watershed sampling was conducted at 4 long-term sampling locations for total organic carbon, VOCs (Volatile Organic Chemicals), nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc.), coliform density, pH, dissolved oxygen, TDS, and temperature.

Quarterly watershed sampling was conducted at our intakes 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).

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

### **Sampling for Other Agencies**

50 routine samples were collected and analyzed during this period for Sunrise Water Authority for presence of coliform/E.coli bacteria.

As of February 1, the **Willamette basin snowpack was 66% of normal**. This is lower than last month when the Willamette basin snowpack was 85% of normal. An atmospheric river event January 12-13 brought significant rain on snow up to high elevations, causing some snowpack loss. The Clackamas Basin snowpack is 42% of Median (last year at this time was 73% of median).

- January **precipitation in the Willamette basin was 94% of average**. Precipitation since the beginning of the water year (October 1 - February 1) has been 92% of average.
- The April through September **streamflow forecast in the Clackamas River at Estacada is 86% of average**. Overall, forecasts remain similar to last month's report. If conditions remain similar, water supplies in the basin are likely to be below normal to near normal this summer.
- On February 1st, over 90% of the state remains in a drought category, according to the National

Drought Monitor, with several counties in southern and central Oregon in the extreme drought category. **The three-month outlook from the NOAA Climate Prediction Center predicts slightly elevated chances of above average precipitation and below average temperatures for much of northern Oregon**, while southern portions of the state are predicted to have equal chances of above, normal, and below average precipitation and temperature.

- Though February 1st is early in the winter, the historic snowpack accumulation period is nearly halfway completed with peak snowpack generally occurring between mid-March and early April depending upon elevation and location across the state. **The next two months will shape both future water supplies and drought conditions for 2021.**



## Willamette Basin

February 1, 2021

