



Memorandum

DATE: December 1, 2020

TO: Ronald Wastewater District (RWD) Board of Commissioners

FROM: Jesse Peterson, Wastewater Manager

RE: Maintenance Report – November 2020

CC: Lance Newkirk, Utility and Operations Manager

Summary

This report provides a recap of the maintenance, operations and permitting activities for November 2020.

Maintenance and Operations

Task	Unit of Measure	Monthly Target	Annual Target	Month (NOV)	YTD
CCTV Inspections	Linear feet	7,500	90,000	7,639	114,317
Pipeline Cleaning	Linear feet	23,500	282,000	21,884	215,938
FOG Inspection	Each	31	372	37	282
Generator Operations	Each	8	96	8	88
Grinder Pump Inspection	Each	Triannual	63	0	63
Wet Well Cleaning	Each	Triannual	45	0	30
Lift Station Inspection	Each	65	780	65	715
Manhole Condition Assessment	Each	100	1,200	43	661
Permits Issued	Each	15	180	18	249
Utility Locates	Each	175	2,100	268	4,490

Additional detail describing the maintenance and operational activities is provided below.

CCTV Inspection

- 7,639 linear feet in grid areas G5 and G4

Pipeline Cleaning

- Main –21,884 in the problematic root line areas

FOG

- 37 inspections were completed – see Attachment A

Generators

- 8 stationary generators exercised under load

Grinder Pump/Wet Well

- No reportable work activity this period

Manholes

- 43 manholes inspected in grid area C4 and C3

Lift Stations and Grinder Pumps

- No reportable work activity this period

Permits Issued

Planning and Permitting

<i>Type</i>	<i>Single Family</i>	<i>Multi-Family</i>	<i>Commercial</i>	<i>Month (NOV)</i>	<i>YTD</i>
New Connection	3		1	4	81
Repair	11			11	115
Cap Off		1		1	32
Coring			1	1	17
Discharge			1	1	3
Dry Line					1
Developer Extension					
Total:	14	1	3	18	249

Final Inspections	21		2	23	188
-------------------	----	--	---	----	-----

Utility locates

- 268 locates accomplished this month

Other

Administration

- Prepared a November Pump Run Time and Flow Report – see Attachment B

Facilities/Fleet/Equipment

- No reportable work activity this period

Emergencies/Call-out

- 1 standby staff call-out – see Attachment C

Customer Service

- No reportable work activity this period

Personnel

- No reportable work activity this period

Maintenance and Operations

<i>Category</i>	<i>Month (NOV)</i>	<i>YTD</i>
Administrative	92.5	1333.5
CCTV Inspection	91.5	1856.25
Facility/Equipment/Fleet Mgt.	26.5	463.5
Fats, Oil and Grease (FOG)	33	208.5
Manholes	46.5	513
Pipeline (Main)	114.5	1324.75
Pipeline (Side Sewer)		122.5
LS/Grinder Pumps	78.5	1218.5
Utility Locates	107	1478.75
Standby	855	9007.5
Callback	6	129
Overtime		1.75
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	274	2832.5
Total Hours:	1725	20490

PLANNING AND PERMITTING

<i>Category</i>	<i>Month (NOV)</i>	<i>YTD</i>
Pre-application	6	68.5
Wastewater Development Review	63	565.5
Field Checks	10	147.5
Developer Extensions	12	224
GIS/Mapping	17	327.5
Customer Service	42	530
Administration	40	514
Inspections	56	785
Overtime		
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	42	581
Total Hours:	288	3743

Look Ahead

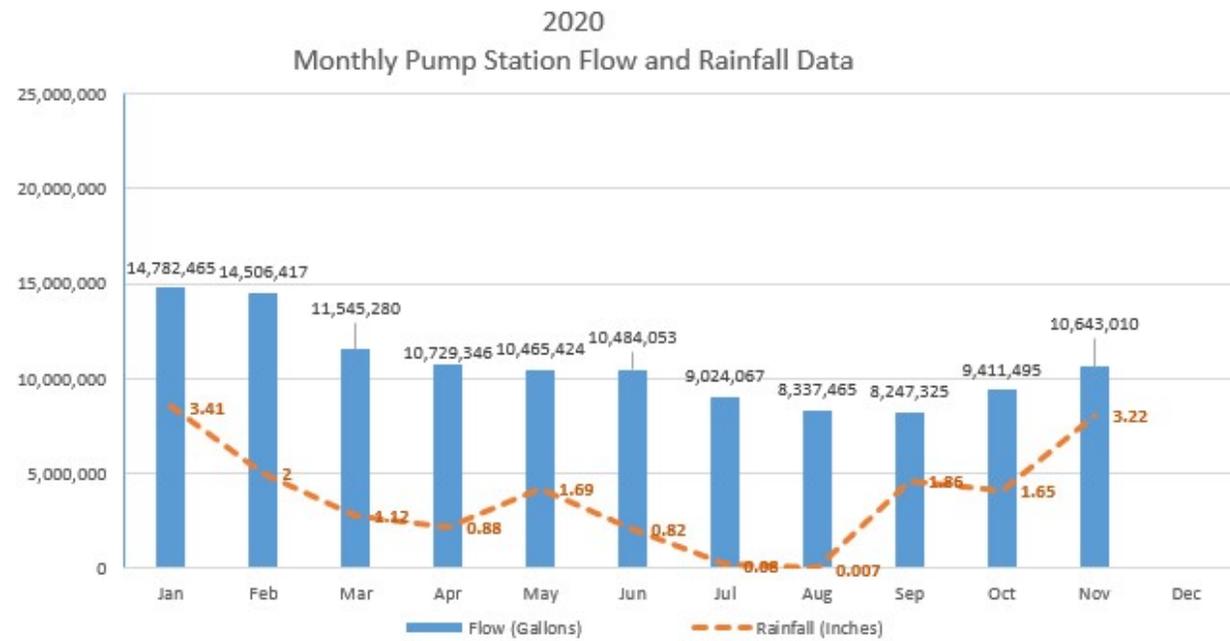
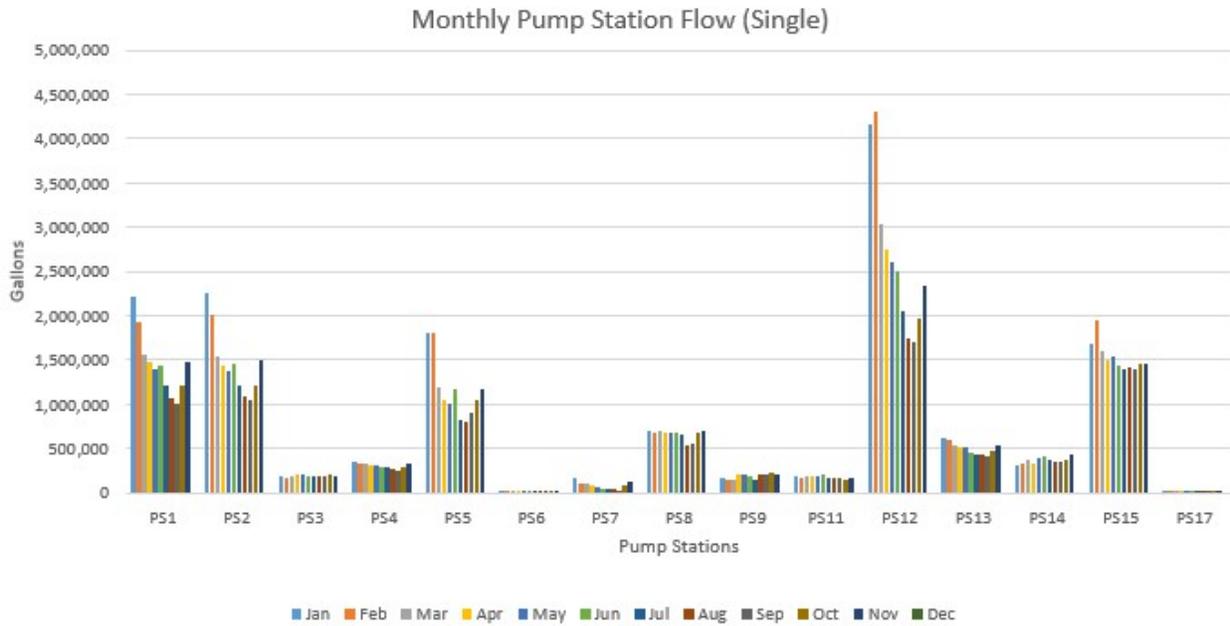
- Continue to refine monthly Maintenance Report

ATTACHMENT A

City of Shoreline Fog Program Report Nov-20

Day	Inspections	New Account	Notice of Defect (Install Req'd)	1st Violation	2nd Violation (\$250.00)	3rd Violation (\$500.00)	In Compliance
1							
2							
3							
4							
5							
6							
7							
8							
9	11			3			8
10	12	1		1			11
11							
12	1		1				
13							
14							
15							
16	3			1			2
17	6						6
18							
19	2						2
20							
21							
22							
23	2						2
24							
25							
26							
27							
28							
29							
30							
TOTAL	37	1	1	5			31

ATTACHMENT B



ATTACHMENT C

	<h3 style="margin: 0;">WORK ORDER</h3>	City of Shoreline, WA 17500 Midvale Ave N Shoreline, WA 98133
---	--	---

General:

- WO No: 41289	-WO CATEGORY: REACTIVE	-WO PRIORITY: Medium	-SR No.:	-SR DESCRIPTION:
-SUBMITTED TO: TBD, TBD			-STATUS: CLOSED	
-WO DESCRIPTION: SCADA ALARM				

Location:

-GENERAL LOCATION: Lift Station 15
-ADDRESS: Lift Station 15

Information and Status:

-WO REQUESTED BY:	-SUPERVISOR: PETERSON, JESSE
-PROJECTED START DATE: 11/13/2020 1:30:00 AM	-PROJECTED FINISH DATE: 11/13/2020 3:00:00 AM
-ACTUAL START DATE: 11/13/2020 1:30:00 AM	-ACTUAL FINISH DATE: 11/13/2020 3:00:00 AM
-WO INSTRUCTIONS: Lift Station 15 "float mode", visited site and corrected problem	
-WO COMMENTS:	

Completion:

-WO CLOSED BY: PETERSON, JESSE	-WORK COMPLETED BY: UNGER, AL
-DATE WO CLOSED: 11/17/2020 8:06:39 AM	

