



Memorandum

DATE: February 9, 2021

TO: Ronald Wastewater District (RWD) Board of Commissioners

FROM: Jesse Peterson, Wastewater Manager

RE: Maintenance Report – January 2021

CC: Lance Newkirk, Utility and Operations Manager

Summary

This report provides a recap of the maintenance, operations and permitting activities for January 2021.

Maintenance and Operations

Task	Unit of Measure	Monthly Target	Annual Target	Month (JAN)	YTD
CCTV Inspections	Linear feet	7,500	90,000	11,814	11,814
Pipeline Cleaning	Linear feet	23,500	282,000	20,115	20,115
FOG Inspection	Each	31	372	39	39
Generator Operations	Each	8	96	8	8
Grinder Pump Inspection	Each	Triannual	63	0	63
Wet Well Cleaning	Each	Triannual	45	0	0
Lift Station Inspection	Each	65	780	65	65
Manhole Condition Assessment	Each	100	1,200	131	131
Permits Issued	Each	15	180	41	41
Utility Locates	Each	175	2,100	325	325

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

CCTV Inspection

- 11,814 linear feet in grid area G4 and G3

Pipeline Cleaning

- Main –20,115 in the problematic root line areas and grid area C5

FOG

- 39 inspections were completed – see Attachment A

Generators

- 8 stationary generators exercised under load

Grinder Pump/Wet Well

- No reportable work activity this period

Manholes

- 131 manholes inspected in grid areas C3, D6, D5 and D4
- Manhole F4116 was raised in the Walgreens parking lot

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 (JAN)</i>	<i>YTD</i>
New Connection	23	1	2	26	26
Repair	8			8	8
Cap Off	4			4	4
Coring	3			3	3
Discharge					
Dry Line					
Developer Extension					
Total:	38	1	2	41	41

Final Inspections	4		4	8	8
-------------------	---	--	---	---	---

Utility locates

- 325 locates accomplished this month

Other

Administration

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

Facilities/Fleet/Equipment

- A cross bore was discovered via our CCTV maintenance program, PSE was contacted and repaired the sewer main @ the 17800 block of 5th Ave NE - see Attachment D

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 (JAN)</i>	<i>YTD</i>
Administrative	56.5	56.5
CCTV Inspection	204	204
Facility/Equipment/Fleet Mgt.	16	16
Fats, Oil and Grease (FOG)	32	32
Manholes	73.5	73.5
Pipeline (Main)	143	143
Pipeline (Side Sewer)		
LS/Grinder Pumps	41	41
Utility Locates		
Standby	752.5	752.5
Callback	12	12
Overtime	2	2
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	6	6
Total Hours:	1338.5	1338.5

PLANNING AND PERMITTING

<i>Category</i>	<i>Month (JAN)</i>	<i>YTD</i>
Pre-application	4	4
Wastewater Development Review	30	30
Field Checks	7	7
Developer Extensions	18	18
GIS/Mapping	12	12
Customer Service	50	50
Administration	40	40
Inspections	63	63
Overtime		
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other		
Total Hours:	224	224

Look Ahead

- Continue to refine monthly Maintenance Report

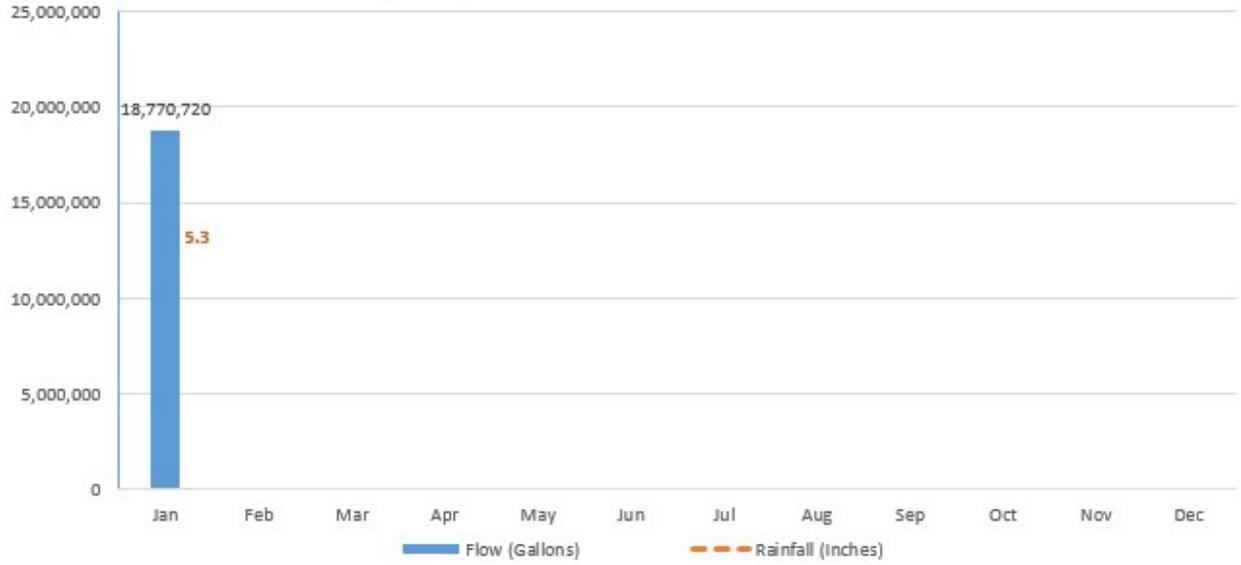
ATTACHMENT A

City of Shoreline Fog Program Report Jan-21

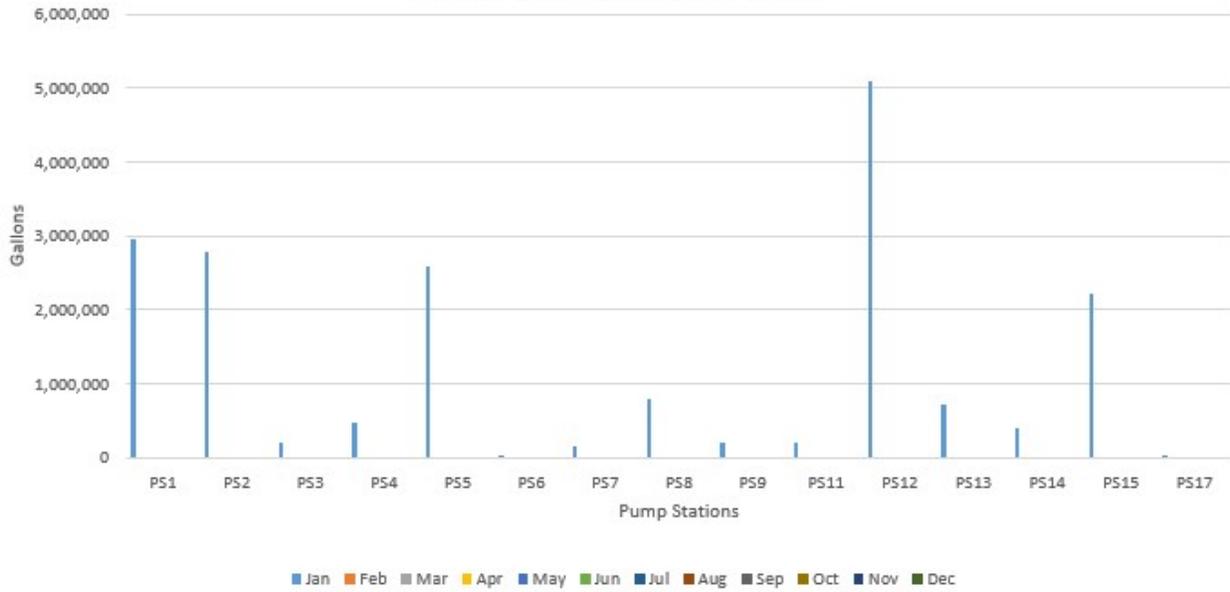
Day	Inspections	New Account	Notice of Defect (Install Req'd)	1st Violation	2nd Violation (\$250.00)	3rd Violation (\$500.00)	In Compliance
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13	5						5
14							
15							
16							
17							
18							
19	12			2			10
20	10						10
21	9			2			7
22							
23							
24							
25							
26							
27	3						3
28							
29							
30							
31							
TOTAL	39			4			35

ATTACHMENT B

2021
Monthly Pump Station Flow and Rainfall Data



Monthly Pump Station Flow (Single)



ATTACHMENT C

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

General:

- WO No: 42770	-WO CATEGORY: PREVENTIVE	-WO PRIORITY: Medium	-SR No.:	-SR DESCRIPTION:
-SUBMITTED TO: TBD, TBD			-STATUS: CLOSED	
-WO DESCRIPTION: SCADA ALARM				

Location:

-GENERAL LOCATION:
-ADDRESS: 17505 Linden Aven N

Information and Status:

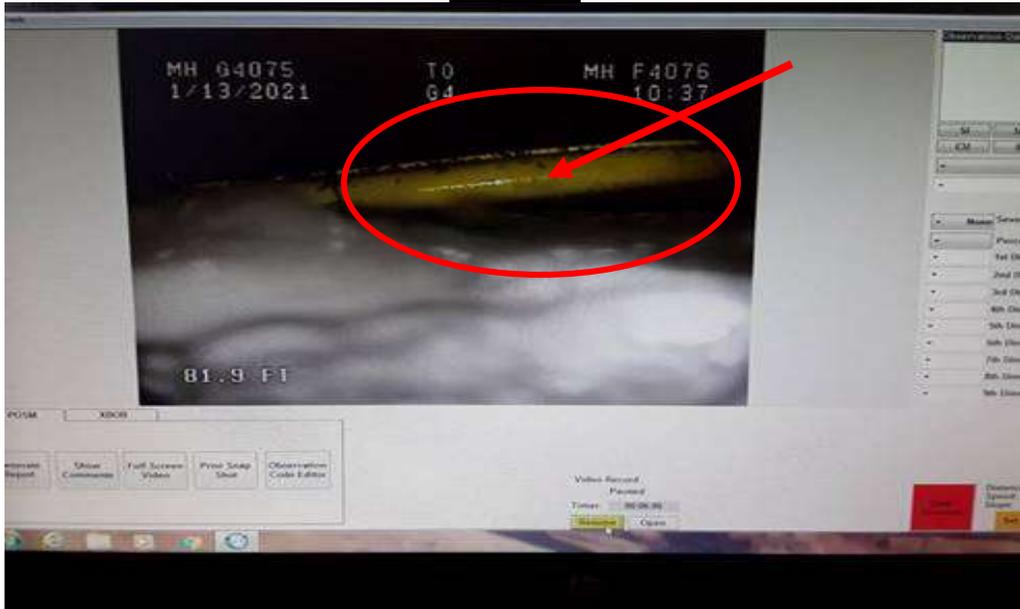
-WO REQUESTED BY:	-SUPERVISOR: PETERSON, JESSE
-PROJECTED START DATE: 1/12/2021 11:50:00 PM	-PROJECTED FINISH DATE: 1/13/2021 12:50:00 AM
-ACTUAL START DATE: 1/12/2021 11:50:00 PM	-ACTUAL FINISH DATE: 1/13/2021 12:50:00 AM
-WO INSTRUCTIONS: Power Outages Multiple Locations & False Building Alarm	
-WO COMMENTS:	

Completion:

-WO CLOSED BY: PETERSON, JESSE	-WORK COMPLETED BY: MAYO, ULRIDGE
--------------------------------	-----------------------------------

ATTACHMENT D

BEFORE



AFTER

