



Memorandum

DATE: October 8, 2019

TO: Ronald Wastewater District (RWD) Board of Commissioners

FROM: Jesse Peterson, Wastewater Manager

RE: Maintenance Report – September 2019

CC: Lance Newkirk, Utility and Operations Manager

Summary

This report provides a recap of the maintenance, operations and permitting activities for September 2019.

Maintenance and Operations

Task	Unit of Measure	Monthly Target	Annual Target	Month (SEP)	YTD
CCTV Inspections	Linear feet	7,000	84,000	11,107	81,000
Pipeline Cleaning	Linear feet	23,000	276,000	21,282	241,251
FOG Inspection	Each	31	372	29	360
Generator Operations	Each	8	96	8	72
Grinder Pump Inspection	Each	Triannual	63	0	42
Wet Well	Each	Triannual	45	15	45
Lift Station Inspection	Each	65	780	65	585
Manholes Inspection	Each	200	2,400	90	780
Permits Issued	Each	15	180	26	305
Utility Locates	Each	175	2,100	395	3,297

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

CCTV Inspection

- 11,107 linear feet in grid area E1

Pipeline Cleaning

- Main –21,282 linear feet in the problematic root mains areas

FOG

- 29 inspections were completed - see Attachment A (FOG report) for additional detail

Generators

- 8 stationary generators exercised under load

Grinder Pump/Wet Well

- Wet wells received the 3rd cleaning of the calendar year

Manholes

- 90 manholes inspected in areas J6, J3, J2 and various other areas

Lift Stations and Grinder Pumps

- The shared grinder pump at 19557/19561 27th Ave NW was replaced

Permits Issued

Planning and Permitting

<i>Type</i>	<i>Single Family</i>	<i>Commercial</i>	<i>Month (SEP)</i>	<i>YTD</i>
New Connection	3		3	66
Repair			19	139
Cap Off	4		4	93
Coring				
Discharge				5
Dry Line				1
Developer Extension				1
Total:			26	305

Final Inspections	27	2	29	237
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Utility locates

- 395 locates accomplished this month

Other

Administration

- Prepared an August Pump Run Time and Flow Report – see Attachment B

Facilities/Fleet/Equipment

- Flow monitors were programmed and are being dispatched to their designated location – See Attachment D

Emergencies/Call-outs

- 1 standby staff call-out - see Attachment C
- 1 after hours emergency locate was completed for Seattle City Light

Customer Service

- See Attachment E

Personnel

- No reportable work activity this period

Maintenance and Operations

<i>Category</i>	<i>Month (SEP)</i>	<i>YTD</i>
Administrative	91	556.75
CCTV Inspection	103.5	1017.5
Facility/Equipment/Fleet Mgt.	17.5	731.5
Fats, Oil and Grease (FOG)	23.5	276.5
Manholes	73	482.5
Pipeline (Main)	118	1272.75
Pipeline (Side Sewer)	8	166.5
LS/Grinder Pumps	103	1286
Utility Locates	103	1230.5
Standby	580.5	7001.5
Callback	7	72
Overtime	0	73.25
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	31.5	1613.75
Total Hours:	1259.5	15781

PLANNING AND PERMITTING

<i>Category</i>	<i>Month (SEP)</i>	<i>YTD</i>
Pre-application	1	76
Wastewater Development Review	12	481
Field Checks	13	141
Developer Extensions	10	237.5
GIS/Mapping	4	281.5
Customer Service	17	415
Administration	24	345
Inspections	63	509
Overtime	0	7
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	80	452
Total Hours:	224	2945

Look Ahead

- Continue to refine monthly Maintenance Report

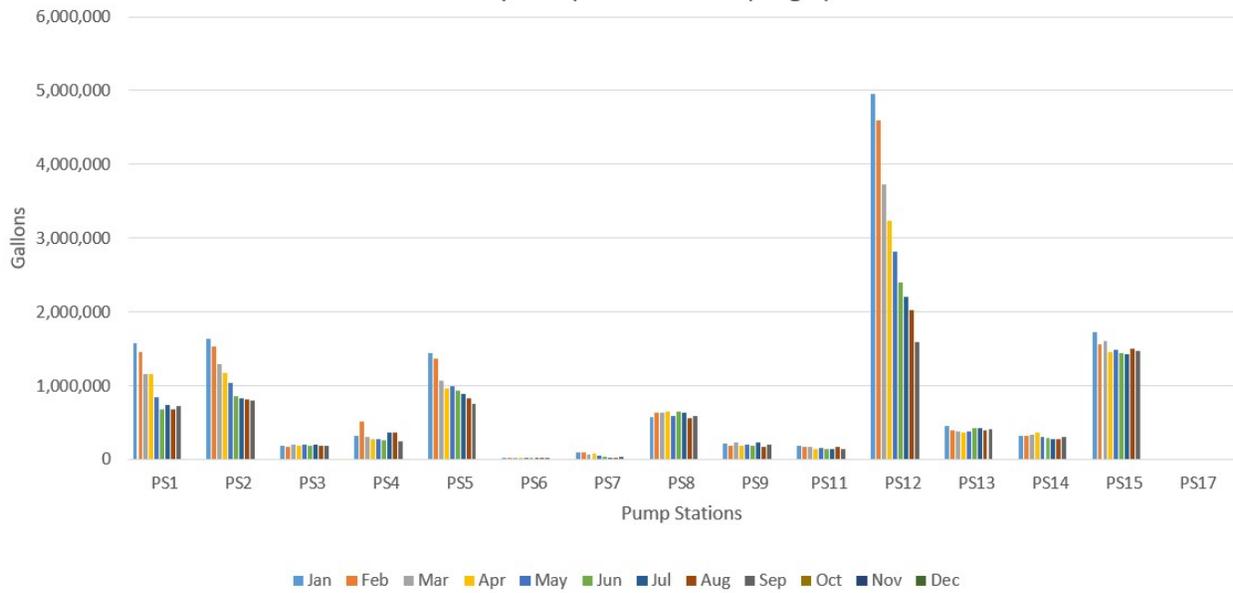
ATTACHMENT A

City of Shoreline Fog Program Report Sep-19

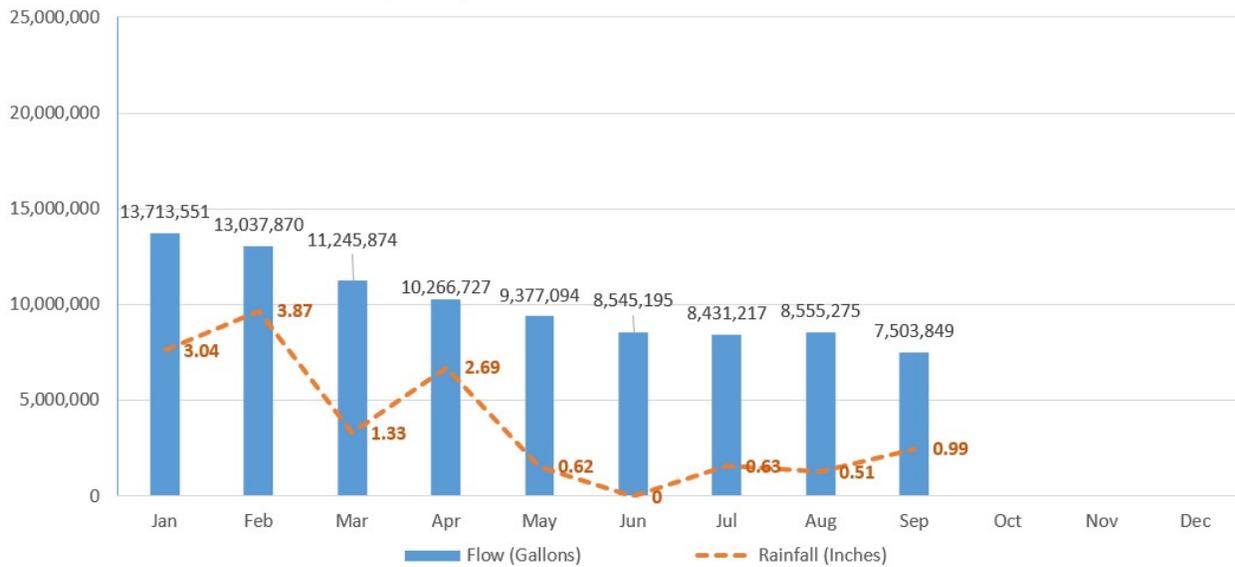
Day	Inspections	New Account	Notice of Defect (Install Req'd)	1st Violation	2nd Violation (\$250.00)	3rd Violation (\$500.00)	In Compliance
1							
2							
3							
4							
5							
6							
7							
8							
9	10			1			9
10	2						2
11	6			1			5
12	6						6
13	3						3
14							
15							
16					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

ATTACHMENT B

Monthly Pump Station Flow (Single)



2019 Monthly Pump Station Flow and Rainfall Data



ATTACHMENT C

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

- WO No: 32040	-WO CATEGORY: REACTIVE	-WO PRIORITY: High	-SR No.:	-SR DESCRIPTION:
-SUBMITTED TO: UNGER, AL			-STATUS: CLOSED	
-WO DESCRIPTION: REPAIR				

Location:

-GENERAL LOCATION: (ATL 11) 19561 27th Ave NW
-ADDRESS: 19561 27th Ave NW

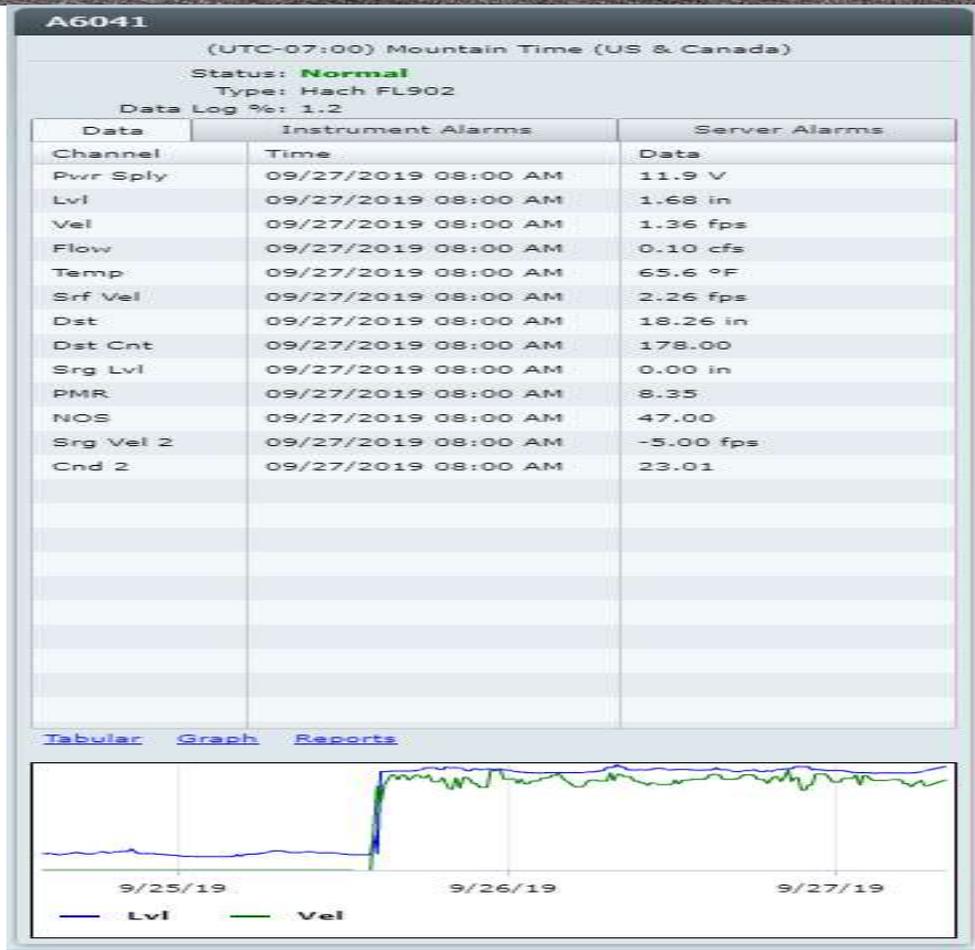
Information and Status:

-WO REQUESTED BY: UNGER, AL	-SUPERVISOR: PETERSON, JESSE
-PROJECTED START DATE: 9/23/2019 8:49:44 AM	-PROJECTED FINISH DATE: 10/3/2019 8:49:44 AM
-ACTUAL START DATE: 9/20/2019 8:20:00 PM	-ACTUAL FINISH DATE: 9/21/2019 12:00:00 PM
-WO INSTRUCTIONS: Call out, possible grinder pump fail. Replace if needed.	
-WO COMMENTS:	
By UNGER, AL : 9/23/2019 8:52:46 AM Replaced pump, found plug ends wired wrong and had tech from correct equipment rewire plug ends.	

Completion:

-WO CLOSED BY: UNGER, AL	-WORK COMPLETED BY: UNGER, AL
-DATE WO CLOSED: 9/23/2019 8:57:06 AM	

ATTACHMENT D



ATTACHMENT E

-----Original Message-----

From: Rae & Jim Allen <raeandjim@me.com>

Sent: Thursday, September 26, 2019 5:23 PM

To: Susan Fogarty <sfogarty@shorelinewa.gov>

Subject: [EXTERNAL] A long overdue compliment...

CAUTION: This email originated from outside of the City of Shoreline. Do not click links or open attachments unless you recognize the sender and know the content is safe.

We moved to 27th Ave NW 12 years ago and we have called Ronald Wastewater to come out for problems on weekends, holidays nights, etc probably 7 or 8 times. And we think they have always been different employees each time.

These guys have always been friendly, personal and delightful and we have enjoyed each and every one of them. Don't know what criteria you use in hiring them but they have all been super great and we have wanted to pass that on for quite some time. Keep up the good work.

Jim and Rae Allen