



Memorandum

DATE: August 6, 2019

TO: Ronald Wastewater District (RWD) Board of Commissioners

FROM: Jesse Peterson, Wastewater Manager

RE: Maintenance Report – July 2019

CC: Lance Newkirk, Utility and Operations Manager

Summary

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

Maintenance and Operations

Task	Unit of Measure	Monthly Target	Annual Target	Month (JUL)	YTD
CCTV Inspections	Linear feet	7,000	84,000	12,764	64,157
Pipeline Cleaning	Linear feet	23,000	276,000	41,643	181,377
FOG Inspection	Each	31	372	35	283
Generator Operations	Each	8	96	8	56
Grinder Pump Inspection	Each	Triannual	63	0	42
Wet Well	Each	Triannual	45	0	30
Lift Station Inspection	Each	65	780	65	455
Manholes Inspection	Each	200	2,400	63	513
Permits Issued	Each	15	180	70	244
Utility Locates	Each	175	2,100	490	2,516

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

CCTV Inspection

- 12,764 linear feet in grid areas E2 and E1

Pipeline Cleaning

- Main –41,643 linear feet in grid areas I6, I5, I4, I3 and various problematic areas

FOG

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

Generators

- 8 stationary generators exercised under load

Grinder Pump/Wet Well

- No reportable work activity this period

Manholes

- 63 manholes inspected in areas I3 which contains manholes in easement areas that must be located and/or uncovered

Lift Stations and Grinder Pumps

- Shaw Elevator completed a 5-year full load safety test on the personnel hoist at Lift Station #1
- Grinder pump was replaced at 19711 27th Ave NW

Permits Issued

Planning and Permitting

<i>Type</i>	<i>Single Family</i>	<i>Commercial</i>	<i>Month (JUL)</i>	<i>YTD</i>
New Connection	4	3	7	57
Repair	17		17	100
Cap Off	46		46	81
Coring				
Discharge				4
Dry Line				1
Developer Extension				1
Total:	67	3	70	244

Final Inspections	30	2	32	162
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Utility locates

- 490 locates accomplished this month

Other

Administration

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

Facilities/Fleet/Equipment

- CCTV cameras are out for repair
- Staff attended a Camel 1200 Maxx sewer cleaner truck demo

Emergencies/Call-outs

- 2 after hours emergency locates were completed by staff

Customer Service

- The 1525 & 1527 NE 171st sewer lateral repair was advertised on the MRSC Roster.

Personnel

- No reportable work activity this period

Maintenance and Operations

<i>Category</i>	<i>Month (JUL)</i>	<i>YTD</i>
Administrative	48.5	430.75
CCTV Inspection	171.5	823
Facility/Equipment/Fleet Mgt.	77.5	556
Fats, Oil and Grease (FOG)	33	225
Manholes	75	353.5
Pipeline (Main)	164.5	932.25
Pipeline (Side Sewer)	8	84
LS/Grinder Pumps	76	969
Utility Locates	131	949.75
Standby	718.5	5504
Callback	0	59
Overtime	0	70.25
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	127	1442
Total Hours:	1630.5	12398.5

PLANNING AND PERMITTING

<i>Category</i>	<i>Month (JUL)</i>	<i>YTD</i>
Pre-application	8	65
Wastewater Development Review	56	382
Field Checks	12	101
Developer Extensions	19	180
GIS/Mapping	19	239.5
Customer Service	41	339
Administration	16	299.5
Inspections	49	360
Overtime	0	7
Holiday\ Vacation\ Sick\Bereavement\ Personal\Other	84	348
Total Hours:	304	2321

Look Ahead

- Continue to refine monthly Maintenance Report

ATTACHMENT A

City of Shoreline Fog Program Report Jul-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							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	10			2			8
23	7			1			6
24	5	1					5
25	9						9
26							
27							
28							
29							
30							
31	4			1			3
TOTAL	35	1		4			31

ATTACHMENT B

