



Memorandum

DATE: March 9, 2021

TO: Ronald Wastewater District (RWD) Board of Commissioners

FROM: Jesse Peterson, Wastewater Manager

RE: Maintenance Report – February 2021

CC: Lance Newkirk, Utility and Operations Manager

Summary

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

Maintenance and Operations

| Task | Unit of Measure | Monthly Target | Annual Target | Month (FEB) | YTD |
|------------------------------|-----------------|----------------|---------------|-------------|--------|
| CCTV Inspections | Linear feet | 7,500 | 90,000 | 14,279 | 26,093 |
| Pipeline Cleaning | Linear feet | 23,500 | 282,000 | 28,138 | 48,253 |
| FOG Inspection | Each | 31 | 372 | 45 | 84 |
| Generator Operations | Each | 8 | 96 | 8 | 16 |
| Grinder Pump Inspection | Each | Triannual | 63 | 0 | 63 |
| Wet Well Cleaning | Each | Triannual | 45 | 0 | 0 |
| Lift Station Inspection | Each | 65 | 780 | 65 | 130 |
| Manhole Condition Assessment | Each | 100 | 1,200 | 111 | 242 |
| Permits Issued | Each | 15 | 180 | 15 | 56 |
| Utility Locates | Each | 175 | 2,100 | 297 | 622 |

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

CCTV Inspection

- 14,279 linear feet in grid area G3

Pipeline Cleaning

- Main –28,138 in grid areas C5 and C4

FOG

- 45 inspections were completed – see Attachment A

Generators

- 8 stationary generators exercised under load

Grinder Pump/Wet Well

- No reportable work activity this period

Manholes

- 111 manholes inspected in grid areas D5, D4 and D3

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 (FEB)</i> | <i>YTD</i> |
|---------------------|----------------------|---------------------|-------------------|--------------------|------------|
| New Connection | 1 | 2 | 1 | 4 | 30 |
| Repair | 8 | | | 8 | 16 |
| Cap Off | | | 1 | 1 | 5 |
| Coring | | | | | 3 |
| Discharge | | | 2 | 2 | 2 |
| Dry Line | | | | | |
| Developer Extension | | | | | |
| Total: | 9 | 2 | 4 | 15 | 56 |

| | | | | | |
|-------------------|----|--|--|----|----|
| Final Inspections | 10 | | | 10 | 18 |
|-------------------|----|--|--|----|----|

Utility locates

- 297 locates accomplished this month

Other

Administration

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

Facilities/Fleet/Equipment

- No reportable work activity this period

Emergencies/Call-out

- No reportable work activity this period

Customer Service

- No reportable work activity this period

Personnel

- No reportable work activity this period

Maintenance and Operations

| <i>Category</i> | <i>Month (FEB)</i> | <i>YTD</i> |
|--|------------------------|------------|
| Administrative | 55 | 131.5 |
| CCTV Inspection | 127 | 386 |
| Facility/Equipment/Fleet Mgt. | 22.25 | 54.25 |
| Fats, Oil and Grease (FOG) | | 32 |
| Manholes | 69 | 162.5 |
| Pipeline (Main) | 116 | 316 |
| Pipeline (Side Sewer) | | |
| LS/Grinder Pumps | 69 | 125 |
| Utility Locates | | |
| Standby | 517.5 | 1507 |
| Callback | | 12 |
| Overtime | 16.75 | 18.75 |
| Holiday\ Vacation\ Sick\Bereavement\ Personal\Other | 141.75 | 238.75 |
| Total Hours: | 1134.25 | 2983.75 |

PLANNING AND PERMITTING

| <i>Category</i> | <i>Month (FEB)</i> | <i>YTD</i> |
|--|------------------------|------------|
| Pre-application | 6 | 14 |
| Wastewater Development Review | 35 | 86 |
| Field Checks | 3 | 14 |
| Developer Extensions | 33 | 54 |
| GIS/Mapping | 12 | 26 |
| Customer Service | 34 | 97 |
| Administration | 38 | 89 |
| Inspections | 63 | 148 |
| Overtime | | |
| Holiday\ Vacation\ Sick\Bereavement\ Personal\Other | 16 | 48 |
| Total Hours: | 240 | 576 |

Look Ahead

- Continue to refine monthly Maintenance Report

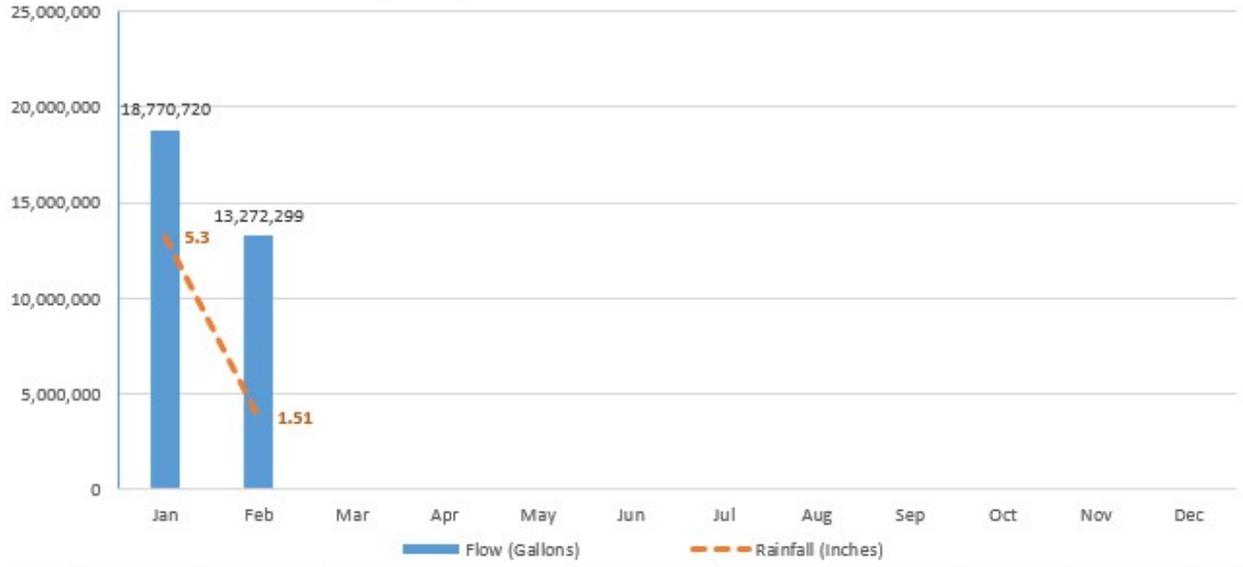
ATTACHMENT A

City of Shoreline FOG Program Report Feb-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 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | 8 | | | 1 | | | 7 |
| 23 | 12 | | | 3 | | | 9 |
| 24 | 13 | 1 | | | | | 13 |
| 25 | 12 | 1 | | 1 | | | 11 |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| TOTAL | 45 | 2 | | 5 | | | 40 |

ATTACHMENT B

2021
Monthly Pump Station Flow and Rainfall Data



Monthly Pump Station Flow (Single)

