

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

## MEMORANDUM

**DATE:** July 28, 2020

**TO:** BOARD OF DIRECTORS  
Lake Arrowhead Community Services District

**FROM:** MIKE BLACKWOOD, Field Operations Manager

**SUBJECT:** FIELD OPERATIONS 2020 2<sup>nd</sup> QUARTER REPORT

**A. RECOMMENDATION**

This is an information item.

**B. REASON FOR RECOMMENDATION**

This is an informational item.

**C. BACKGROUND INFORMATION**

This report is to give a 2020 2<sup>nd</sup> quarter status update of current infrastructure maintenance activities in the Field Operations Department.

**D. FISCAL IMPACT**

This is an informational item

**E. ENVIRONMENTAL IMPACT**

This is an information item only and does not qualify as a project under the California Environmental Quality Act (CEQA).

**F. ATTACHMENTS**

- 2020 2<sup>nd</sup> Quarter Field Operations Water Report
- 2020 2<sup>nd</sup> Quarter Water Leak Information
- 2020 2<sup>nd</sup> Quarter Field Operations Wastewater Report

## FIELD OPERATIONS-WATER REPORT

QUARTERLY

YEAR:

2020

### Field Operations - Water

| ITEM                                | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |
|-------------------------------------|----------|----------|----------|----------|
| SERVICE INSTALL POTABLE             | 2        | 2        | 0        | 0        |
| SERVICE INSTALL FIRE                | 2        | 2        | 0        | 0        |
| SERVICE LINE REPLACE                | 9        | 14       | 0        | 0        |
| LEAK REPAIR SERVICE                 | 9        | 21       | 0        | 0        |
| LEAK REPAIR MAIN                    | 3        | 8        | 0        | 0        |
| HYDRANT REPLACE                     | 2        | 0        | 0        | 0        |
| HYDRANT REPAIR                      | 3        | 2        | 0        | 0        |
| VALVE REPLACE                       | 0        | 0        | 0        | 0        |
| VALVE CAN REPAIR                    | 10       | 1        | 0        | 0        |
| LEAK DETECTION                      | 110347'  | 10068'   | 0'       | 0'       |
| HYDRANT MAINTENANCE                 | 36       | 52       | 0        | 0        |
| VALVES EXERCISED                    | 88       | 131      | 0        | 0        |
| FLOW TEST PERFORMED                 | 6        | 5        | 0        | 0        |
| CURB STOP REPLACED                  | 10       | 14       | 0        | 0        |
| METER CHANGE OUT                    | 3        | 4        | 0        | 0        |
| METER MOVE                          | 2        | 0        | 0        | 0        |
| METER BOX REPAIR/REPLACE            | 6        | 9        | 0        | 0        |
| FLUSHING                            | 76       | 84       | 0        | 0        |
| BALLARD, POST, POLE INSTALL/REPLACE | 7        | 4        | 0        | 0        |
| PATCHES PERMANENTLY PAVED           | 6        | 13       | 0        | 0        |

### Service Order Work

| ITEM                         | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |
|------------------------------|----------|----------|----------|----------|
| DIG ALERT MARKINGS           | 269      | 351      | 0        | 0        |
| TURN ON/OFF METER            | 163      | 86       | 0        | 0        |
| CHECK FOR LEAK               | 8        | 34       | 0        | 0        |
| GET METER READING            | 189      | 89       | 0        | 0        |
| CHECK PSI/NO WATER CALL      | 11       | 12       | 0        | 0        |
| DIRTY WATER CALL             | 3        | 5        | 0        | 0        |
| INSTALL/REMOVE HYDRANT METER | 0        | 0        | 0        | 0        |
| C.S.O.V. CHECK               | 4        | 1        | 0        | 0        |
| MEET WITH CUSTOMER           | 8        | 1        | 0        | 0        |
| LEAK METER BOX               | 13       | 14       | 0        | 0        |
| DOOR TAGS                    | 75       | 3        | 0        | 0        |

### Water Use/Loss in Gallons

| TYPE                       | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |
|----------------------------|----------|----------|----------|----------|
| LEAKS                      | 208,332  | 386,524  | 0        | 0        |
| DISTRIBUTION/S.O./FLUSHING | 50,790   | 100,862  | 0        | 0        |
| FLOW TEST                  | 5,591    | 4,836    | 0        | 0        |

## 2020 2nd Quarter Water Leaks

| Date    | Address/Location           | Service Type | Hydrant related leak | Main Type | Size | Estimated Gallons |
|---------|----------------------------|--------------|----------------------|-----------|------|-------------------|
| 4/13/20 | 27351 Matterhorn Dr.       | Steel        |                      |           | 1.5  | 100               |
| 4/13/20 | 405 Kuffle Canyon Dr.      |              |                      | PVC       | 8    | 119,616           |
| 4/15/20 | 27888 North Shore Rd.      |              |                      | Steel     | 2    | 11,000            |
| 4/27/20 | 272 Cameo Dr.              |              |                      | Steel     | 2    | 21,600            |
| 4/27/20 | 1394 Calgary Dr.           | Brass        |                      |           | 1    | 3,780             |
| 4/28/20 | 27004 Tunnel Dr.           | Steel        |                      |           | 1    | 5,418             |
| 4/30/20 | 220 Maple Dr.              |              |                      | Steel     | 2    | 400               |
| 4/30/20 | 970 Lucerne Dr.            | Brass        |                      |           | 3/4  | 360               |
| 4/30/20 | 180 Grass Valley Rd.       | PE           |                      |           | 1    | 75                |
| 5/2/20  | 28165 Grenoble Ln.         | Steel        |                      |           | 1    | 2,182             |
| 5/5/20  | 28675 Quebec Dr.           | Steel        |                      |           | 1.5  | 5,610             |
| 5/13/20 | 1208 Scenic Way            | PE           |                      |           | 1    | 10,000            |
| 5/14/20 | LA Village                 | Steel        |                      |           | 2    | 1,200             |
| 5/18/20 | 27392 Matterhorn Dr.       | Steel        |                      |           | 1    | 12,000            |
| 5/20/20 | 780 Brentwood Dr.          | Steel        |                      |           | 1    | 21,600            |
| 5/21/20 | 26642 Blackfoot Trail      | Copper       |                      |           | 1    | 5,000             |
| 5/27/20 | 28755 North Shore Rd.      | PE           |                      |           | 1    | 89,712            |
| 5/27/20 | 1271 Bear Springs Rd.      | PE           |                      |           | 1    | 500               |
| 6/1/20  | 27465 Meadow Bay Dr.       | PE           |                      |           | 1    | 1,500             |
| 6/3/20  | Hwy 173 x N. Bay Rd.       |              |                      | Steel     | 10   | 42,600            |
| 6/5/20  | 1279 Kodiak Dr.            | Steel        |                      |           | 3/4  | 100               |
| 6/15/20 | 26491 Pine Dr.             |              |                      | AC        | 8    | 5,500             |
| 6/17/20 | 27736 Green Way            |              |                      | Steel     | 4    | 25,000            |
| 6/19/20 | 1284 Evergreen Ln.         |              |                      | Steel     | 6    | 4,000             |
| 6/20/20 | 833 Crown Dr.              | Steel        |                      |           | 1    | 1,548             |
| 6/23/20 | 26401 Apache Trail         | Copper       |                      |           | 1    | 800               |
| 6/24/20 | 26473 Blackfoot Trail West | Copper       |                      |           | 1    | 9,500             |
| 6/26/20 | 351 Hemlock Dr.            | Steel        |                      |           | 3/4  | 140               |
| 6/29/20 | 27264 Bernina Dr.          | PE           |                      |           | 1    | 21,672            |

## Wastewater Collection Report

QUARTERLY

YEAR: 2020

### LINE CLEANING

|                                | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |         |
|--------------------------------|----------|----------|----------|----------|---------|
| VAC-CON                        | 0'       | 0'       | 0'       | 0'       |         |
| JET                            | 6168'    | 8019'    | 0'       | 0'       |         |
| POWER RODDER                   | 2410'    | 8666'    | 0'       | 0'       |         |
| BALLING/PIGGING                | 0'       | 0'       | 0'       | 0'       |         |
| *Contractor                    | 0'       | 0'       | 0'       | 0'       |         |
| Debris removed during cleaning | 162      | 105      | 0        | 0        | gallons |

### PIPELINE INHIBITORS

|                     |    |    |    |    |
|---------------------|----|----|----|----|
| GREASE INHIBITOR    | 0' | 0' | 0' | 0' |
| ROOT FOAM INHIBITOR | 0' | 0' | 0' | 0' |

### PIPELINE REHABILITATION

|                       |     |     |    |    |
|-----------------------|-----|-----|----|----|
| C.I.P.P.              | 0'  | 0'  | 0' | 0' |
| PIPE REPAIRS          | 7   | 9   | 0  | 0  |
| NEW PIPE INSTALLATION | 32' | 44' | 0' | 0' |
| PIPE SLIP LINED       | 0'  | 0'  | 0' | 0' |

### MANHOLE REHABILITATION

|                            |     |     |   |   |
|----------------------------|-----|-----|---|---|
| MANHOLE COATING            | 0   | 0   | 0 | 0 |
| NEW MANHOLE INSTALLATION   | 1   | 1   | 0 | 0 |
| MANHOLE REPAIR             | 3   | 8   | 0 | 0 |
| MANHOLE COVER GRADE CHANGE | 5   | 1   | 0 | 0 |
| MANHOLES INSPECTED/SEALED  | 328 | 447 | 0 | 0 |

### TV INSPECTION/I&I INSPECTION

|                |        |        |    |    |
|----------------|--------|--------|----|----|
| TV INSPECTION  | 32904' | 40508' | 0' | 0' |
| SMOKE TESTING  | 268'   | 21815' | 0' | 0' |
| FOG Inspection | 13     | 0      | 0  | 0  |
| *Contractor    | 0'     | 0'     | 0' | 0' |

### WATER USE

|         |       |       |   |   |        |
|---------|-------|-------|---|---|--------|
| POTABLE | 1,635 | 2,878 | 0 | 0 | cu.ft. |
|---------|-------|-------|---|---|--------|

### SSO/SPILLS

|                     |   |   |   |   |
|---------------------|---|---|---|---|
| DISTRICT CATEGORY 1 | 0 | 0 | 0 | 0 |
| DISTRICT CATEGORY 2 | 0 | 0 | 0 | 0 |
| DISTRICT CATEGORY 3 | 0 | 1 | 0 | 0 |
| PRIVATE             | 5 | 4 | 0 | 0 |
| FLOODED HOME        | 0 | 0 | 0 | 0 |

### SERVICE ORDER WORK

|                        |    |    |   |   |
|------------------------|----|----|---|---|
| LATERAL INSPECTION     | 11 | 19 | 0 | 0 |
| DYE TEST               | 15 | 14 | 0 | 0 |
| ANTI-FLOOD INSPECTIONS | 0  | 1  | 0 | 0 |
| SADDLE                 | 0  | 0  | 0 | 0 |
| ODOR COMPLAINTS        | 0  | 2  | 0 | 0 |
| SEWER ISSUE - PRIVATE  | 12 | 6  | 0 | 0 |
| SEWER ISSUE - DISTRICT | 2  | 9  | 0 | 0 |