

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 2nd 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 2nd 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 2nd Quarter Field Operations Water Report
- 2020 2nd Quarter Water Leak Information
- 2020 2nd 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'	6864'	0'	0'	
POWER RODDER	2410'	4884'	0'	0'	
BALLING/PIGGING	0'	0'	0'	0'	
*Contractor	0'	0'	0'	0'	
Debris removed during cleaning	162	70	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	5	0	0
NEW PIPE INSTALLATION	32'	0'	0'	0'
PIPE SLIP LINED	0'	0'	0'	0'

MANHOLE REHABILITATION

MANHOLE COATING	0	0	0	0
NEW MANHOLE INSTALLATION	1	0	0	0
MANHOLE REPAIR	3	3	0	0
MANHOLE COVER GRADE CHANGE	5	1	0	0
MANHOLES INSPECTED/SEALED	328	266	0	0

TV INSPECTION/I&I INSPECTION

TV INSPECTION	32904'	25851'	0'	0'
SMOKE TESTING	268'	0'	0'	0'
FOG Inspection	13	0	0	0
*Contractor	0'	0'	0'	0'

WATER USE

POTABLE	1,635	2,376	0	0	cu.ft.
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SSO/SPILLS

DISTRICT CATEGORY 1	0	0	0	0
DISTRICT CATEGORY 2	0	0	0	0
DISTRICT CATEGORY 3	0	0	0	0
PRIVATE	5	0	0	0
FLOODED HOME	0	0	0	0

SERVICE ORDER WORK

LATERAL INSPECTION	11	15	0	0
DYE TEST	15	7	0	0
ANTI-FLOOD INSPECTIONS	0	1	0	0
SADDLE	0	0	0	0
ODOR COMPLAINTS	0	1	0	0
SEWER ISSUE - PRIVATE	12	2	0	0
SEWER ISSUE - DISTRICT	2	6	0	0