

LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

MEMORANDUM

DATE: AUGUST 13, 2019

TO: BOARD OF DIRECTORS
Lake Arrowhead Community Services District

FROM: 
MIKE BLACKWOOD, Field Operations Manager


CATHERINE CERRI, General Manager

SUBJECT: FIELD OPERATIONS 2019 2nd QUARTER REPORT (APRIL - JUNE)

A. RECOMMENDATION

This is an informational item.

B. REASON FOR RECOMMENDATION

This is an informational item.

C. BACKGROUND INFORMATION

This report is to give a 2019 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

- 2019 2nd Quarter Field Operations Water Report
- 2019 2nd Quarter Water Leak Information
- 2019 2nd Quarter Field Operations Wastewater Report
- 2019 2nd Quarter SSO Information

FIELD OPERATIONS-WATER REPORT

QUARTERLY

YEAR:

2019

Field Operations - Water

ITEM	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
SERVICE INSTALL POTABLE	3	6	0	0
SERVICE INSTALL FIRE	2	6	0	0
SERVICE LINE REPLACE	3	8	0	0
LEAK REPAIR SERVICE	10	21	0	0
LEAK REPAIR MAIN	5	4	0	0
HYDRANT REPLACE	0	1	0	0
HYDRANT REPAIR	1	0	0	0
VALVE REPLACE	0	0	0	0
VALVE CAN REPAIR	0	0	0	0
LEAK DETECTION	57101'	18253'	0'	0'
HYDRANT MAINTENANCE	50	100	0	0
VALVES EXERCISED	138	293	0	0
FLOW TEST PERFORMED	3	5	0	0
CURB STOP REPLACED	9	18	0	0
METER CHANGE OUT	3	3	0	0
METER MOVE	3	3	0	0
METER BOX REPAIR/REPLACE	2	6	0	0
FLUSHING	40	98	0	0
BALLARD, POST, POLE INSTALL/REPLACE	0	0	0	0
PATCHES PERMANENTLY PAVED	2	11	0	0

Service Order Work

ITEM	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
DIG ALERT MARKINGS	128	376	0	0
TURN ON/OFF METER	340	232	0	0
CHECK FOR LEAK	43	36	0	0
GET METER READING	240	188	0	0
CHECK PSI/NO WATER CALL	43	19	0	0
DIRTY WATER CALL	2	5	0	0
INSTALL/REMOVE HYDRANT METER	0	0	0	0
C.S.O.V. CHECK	5	4	0	0
MEET WITH CUSTOMER	2	4	0	0
LEAK METER BOX	47	22	0	0
DOOR TAGS	88	122	0	0

Water Use/Loss in Gallons

TYPE	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
LEAKS	392,427	109,749	0	0
DISTRIBUTION/S.O./FLUSHING	68,963	73,142	0	0
FLOW TEST	3,467	2,209	0	0

2019 2nd Quarter Water Leaks

Date	Address/Location	Service Type	Hydrant related leak	Main Type	Size	Estimated Gallons
4/8/19	1015 Pintail Circle	Steel			1	20
4/9/19	197 Bret Harte Rd.	Steel			1	200
4/9/19	407 Hemlock	Steel			3/4	100
4/11/19	888 Como Ln.			Steel	2	2,064
4/17/19	1460 Golden Rule Ln.	Steel			1	21,600
4/18/19	27541 Sugarpine Dr.	Steel			2	3,096
4/19/19	700 Zurich Dr.	Steel			3/4	200
4/25/19	26598 Hwy 18	Copper			1	45
4/30/19	691 Hwy 173	Steel			2	365
5/1/19	309 Golf Course Rd.	Steel			1	3,117
5/2/19	28133 Arbon Ln.	Steel			1	735
5/2/19	867 Grass Valley Rd.	Steel			1	7,560
5/7/19	26598 St.Hwy 18	Copper			1	100
5/11/19	27408 N. Bay Rd			Steel	6	5,000
5/14/19	280 St. Hwy 173			Steel	6	4,563
5/15/19	300 Pioneer Rd.	PE			1	1,200
5/15/19	27793 Matterhorn Dr.	Steel			3/4	200
5/15/19	27961 North Shore Rd.			Steel	6	8,424
5/23/19	225 Birchwood Dr.	PE			1	2,135
5/24/19	730 Oak Point Rd.	Brass			3/4	50
6/3/19	184 Hwy 173	PE			1	900
6/6/19	301 Hwy 173	Steel			2	15,000
6/6/19	357 Hemlock Dr.	Steel			3/4	125
6/13/19	331 Golf Course Rd.	Steel			1	2,000
6/24/19	981 Lucerne Dr.	Steel			3/4	850
6/27/19	27537 West Shore Rd.	Steel			1	100

Wastewater Collection Report

QUARTERLY

YEAR: 2019

LINE CLEANING	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
VAC-CON	0'	1969'	0'	0'	
JET	11331'	34866'	0'	0'	
POWER RODDER	5315'	6920'	0'	0'	
BALLING/PIGGING	0'	0'	0'	0'	
*Contractor	0'	0'	0'	0'	
Debris removed during cleaning	77	1,337	0	0	gallons
PIPELINE INHIBITORS					
GREASE INHIBITOR	1065'	602'	0'	0'	
ROOT FOAM INHIBITOR	0'	0'	0'	0'	
PIPELINE REHABILITATION					
C.I.P.P.	0'	0'	0'	0'	
PIPE REPAIRS	1	9	0	0	
NEW PIPE INSTALLATION	5'	82'	0'	0'	
PIPE SLIP LINED	0'	0'	0'	0'	
MANHOLE REHABILITATION					
MANHOLE COATING	0	0	0	0	
NEW MANHOLE INSTALLATION	1	3	0	0	
MANHOLE REPAIR	0	6	0	0	
MANHOLE COVER GRADE CHANGE	0	2	0	0	
MANHOLES INSPECTED/SEALED	458	931	0	0	
TV INSPECTION/I&I INSPECTION					
TV INSPECTION	27508'	80540'	0'	0'	
SMOKE TESTING	1500'	0'	0'	0'	
FOG Inspection	23	1	0	0	
*Contractor	0'	0'	0'	0'	
WATER USE					
POTABLE	2,141	10,719	0	0	cu.ft.
SSO/SPILLS					
DISTRICT CATEGORY 1	2	0	0	0	
DISTRICT CATEGORY 2	0	1	0	0	
DISTRICT CATEGORY 3	4	0	0	0	
PRIVATE	0	0	0	0	
FLOODED HOME	3	0	0	0	
SERVICE ORDER WORK					
LATERAL INSPECTION	33	22	0	0	
DYE TEST	18	14	0	0	
ANTI-FLOOD INSPECTIONS	0	3	0	0	
SADDLE	0	0	0	0	
ODOR COMPLAINTS	0	2	0	0	
SEWER ISSUE - PRIVATE	18	4	0	0	
SEWER ISSUE - DISTRICT	12	7	0	0	

2019 2nd Qtr. SSO Information

CAT 3

None

CAT 2

LOCATION	VOLUME OF SPILL (gallons)	VOLUME RECOVERED (gallons)	VOLUME TO SURFACE WATER	DATE	CAUSE	SIZE(inch)	PIPE TYPE	APPROX. AGE OF PIPE(years)
660 Grass Valley Road	6250	200	0	6/21/2019	excessive discharge rate from Bernina WTP	8	ACP	60

CAT 1

None