

**LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT**

**MEMORANDUM**

**DATE:** August 23, 2016

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

**FROM:**



**MIKE BLACKWOOD, Field Operations Manager**



**CATHERINE CERRI, Interim General Manager**

**SUBJECT:** Field Operations Manager's 2016 2<sup>nd</sup> 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 2016 2nd quarter status update of current infrastructure maintenance activities in the Field Operations Department.

**D. FISCAL IMPACT**

This is an informational item.

**E. ATTACHMENTS**

- 2016 2<sup>nd</sup> Quarter Field Operations Water Report
- 2016 2<sup>nd</sup> Quarter Water Leak Information
- 2016 2<sup>nd</sup> Quarter Field Operations Wastewater Report
- 2016 2<sup>nd</sup> Quarter SSO Information

## WATER DISTRIBUTION REPORT

2nd Qtr.

YEAR:

2016

DISTRIBUTION	
ITEM	FOOTAGE/OCCURRENCES
SERVICE INSTALL POTABLE	2
SERVICE INSTALL FIRE	2
SERVICE LINE REPLACE	10
LEAK REPAIR SERVICE	26
LEAK REPAIR MAIN	5
HYDRANT REPLACE	0
HYDRANT REPAIR	2
VALVE REPLACE	0
VALVE CAN REPAIR	15
LEAK DETECTION	35718 feet
HYDRANT MAINTENANCE	108
VALVES EXERCISED	206
FLOW TEST PERFORMED	6
CURB STOP REPLACED	11
METER CHANGE OUT	2
METER MOVE	4
METER BOX REPAIR/REPLACE	7
FLUSHING	18
SNOW POLE INSTALL/REPLACE	2
PATCHES PERMANENTLY PAVED	24

SERVICE ORDER WORK	
ITEM	FOOTAGE/OCCURRENCES
DIG ALERT MARKINGS	297
TURN ON/OFF METER	280
CHECK FOR LEAK	29
GET METER READING	233
CHECK PSI/NO WATER CALL	13
DIRTY WATER CALL	14
INSTALL/REMOVE HYDRANT METER	0
C.S.O.V. CHECK	1
MEET WITH CUSTOMER	11
LEAK METER BOX	35
DOOR TAGS	142

WATER USE / LOSS	
TYPE	
LEAKS	217866 gal
DISTRIBUTION/S.O./FLUSHING	67144 gal
FLOW TEST	5109 gal



## Wastewater Collection Report

2nd Qtr.

YEAR:

2016

### LINE CLEANING

VAC-CON	6,151 feet
JET	33,105 feet
POWER RODDER	6,896 feet
BALLING/PIGGING	0 feet
*Contractor	0 feet
Debris removed during cleaning	586 gallons

*Cleaning footage for quarter  
46,152 feet*

### PIPELINE INHIBITORS

GREASE INHIBITOR	2,045 feet
ROOT FOAM INHIBITOR	0 feet

### PIPELINE REHABILITATION

C.I.P.P.	0 feet
PIPE REPAIRS	28
NEW PIPE INSTALLATION	256 feet
PIPE SLIP LINED	0 feet

### MANHOLE REHABILITATION

MANHOLE COATING	0
NEW MANHOLE INSTALLATION	2
MANHOLE REPAIR	10
MANHOLE COVER GRADE CHANGE	11
MANHOLES INSPECTED/SEALED	851

### TV INSPECTION//I&I INSPECTION

TV INSPECTION	41,815 feet
SMOKE TESTING	48,205 feet
FOG Inspection	0
*Contractor	0 feet

### WATER USE

POTABLE	6,962 cu.ft.
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### SSO/SPILLS

DISTRICT CATEGORY 1	0
DISTRICT CATEGORY 2	0
DISTRICT CATEGORY 3	6
PRIVATE	0
FLOODED HOME	0

### SERVICE ORDER WORK

LATERAL INSPECTION	18
DYE TEST	2
ANTI-FLOOD INSPECTIONS	7
SADDLE	0
ODOR COMPLAINTS	7
SEWER ISSUE - PRIVATE	17
SEWER ISSUE - DISTRICT	6

## 2016 2nd Qtr. SSO Information

### CAT 3

LOCATION	VOLUME OF SPILL (gallons)	VOLUME RECOVERED (gallons)	VOLUME TO SURFACE WATER	DATE	CAUSE	SIZE	PIPE TYPE	APPROX. AGE OF PIPE
283 Walnut Hills Drive	75	75	0	5/4/2015	Root Intrusion	6	concrete	70
28073 West Shore Road	10	10	0	5/7/2016	Root Intrusion	8	ACP	40
282 Hillside Road	50	40	0	5/8/2016	Root Intrusion	6	ACP	60
27872 West Shore Road	10	10	0	5/21/2016	Root Intrusion	6	ACP	60
344 Hwy 173	5	5	0	5/28/2016	Root Intrusion*	12	CIPP	8
346 Primrose Circle	30	30	0	6/30/2016	Root Intrusion	4	concrete	60

\* failure at un-lined manhole

### CAT 2

None

### CAT 1

None