

**LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT**

**MEMORANDUM**

**DATE:** January 26, 2021

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

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

**SUBJECT:** FIELD OPERATIONS 2020 4th 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 4<sup>th</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 4<sup>th</sup> Quarter Field Operations Water Report
- 2020 4<sup>th</sup> Quarter Water Leak Information
- 2020 4<sup>th</sup> Quarter Field Operations Wastewater Report
- SSO Historical Information

## FIELD OPERATIONS-WATER REPORT

QUARTERLY

YEAR:

2020

Field Operations - Water				
ITEM	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
SERVICE INSTALL POTABLE	2	2	4	3
SERVICE INSTALL FIRE	2	2	3	3
SERVICE LINE REPLACE	9	14	14	7
LEAK REPAIR SERVICE	9	21	23	11
LEAK REPAIR MAIN	3	8	6	6
HYDRANT REPLACE	2	0	0	2
HYDRANT REPAIR	3	2	0	0
VALVE REPLACE	0	0	0	1
VALVE CAN REPAIR	10	1	0	0
LEAK DETECTION	110347'	10068'	0'	40731'
HYDRANT MAINTENANCE	36	52	22	63
VALVES EXERCISED	88	131	48	140
FLOW TEST PERFORMED	6	5	2	0
CURB STOP REPLACED	10	14	18	7
METER CHANGE OUT	3	4	1	2
METER MOVE	2	0	0	3
METER BOX REPAIR/REPLACE	6	9	9	5
FLUSHING	76	84	52	98
BALLARD, POST, POLE INSTALL/REPLACE	7	4	0	2
PATCHES PERMANENTLY PAVED	6	13	13	4

Service Order Work				
ITEM	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
DIG ALERT MARKINGS	269	351	634	690
TURN ON/OFF METER	163	86	72	114
CHECK FOR LEAK	8	34	29	15
GET METER READING	189	89	78	114
CHECK PSI/NO WATER CALL	11	12	25	12
DIRTY WATER CALL	3	5	5	12
INSTALL/REMOVE HYDRANT METER	0	0	0	0
C.S.O.V. CHECK	4	1	6	12
MEET WITH CUSTOMER	8	1	0	2
LEAK METER BOX	13	14	30	12
DOOR TAGS	75	3	2	7

Water Use/Loss in Gallons				
TYPE	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
LEAKS	208,332	386,524	,341,761	77,631
DISTRIBUTION/S.O./FLUSHING	50,790	100,862	45,600	30,583
FLOW TEST	5,591	4,836	1,214	21,553



## Wastewater Collection Report

QUARTERLY

YEAR: 2020

### LINE CLEANING

	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
VACTOR	0'	0'	2354'	6420'	
JET	6168'	8019'	12000'	2972'	
POWER RODDER	2410'	8666'	9972'	6763'	
BALLING/PIGGING	0'	0'	0'	0'	
*Contractor	0'	0'	0'	0'	
Debris removed during cleaning	162	105	199	107	gallons

### PIPELINE INHIBITORS

GREASE INHIBITOR	0'	0'	1'	0'
ROOT FOAM INHIBITOR	0'	0'	0'	0'

### PIPELINE REHABILITATION

INTERNAL PIPE REPAIR (trenchless)	0'	0'	0'	0'
PIPE REPAIRS	7	9	14	9
NEW PIPE INSTALLATION	32'	44'	72'	92'
PIPE SLIP LINED	0'	0'	0'	0'

### MANHOLE REHABILITATION

MANHOLE COATING	0	0	0	0
NEW MANHOLE INSTALLATION	1	1	2	1
MANHOLE REPAIR	3	8	0	0
MANHOLE COVER GRADE CHANGE	5	1	3	6
MANHOLES INSPECTED/SEALED	328	447	603	390

### TV INSPECTION/I&I INSPECTION

TV INSPECTION	32904'	40508'	52765'	40693'
SMOKE TESTING	268'	21815'	0'	4998'
FOG Inspection	13	0	1	0
*Contractor	0'	0'	0'	0'

### WATER USE

POTABLE	1,635	2,878	4,082	2,341	cu.ft.
---------	-------	-------	-------	-------	--------

### SSO/SPILLS

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

### SERVICE ORDER WORK

LATERAL INSPECTION	11	19	29	17
DYE TEST	15	14	46	17
ANTI-FLOOD INSPECTIONS	0	1	39	3
SADDLE	0	0	0	0
ODOR COMPLAINTS	0	2	15	10
SEWER ISSUE - PRIVATE	12	6	10	13
SEWER ISSUE - DISTRICT	2	9	4	2

# SSO'S THROUGH THE YEARS



# SSO's

