

**MAINTENANCE DEPARTMENT
ACTIVITIES REPORT
MAY 9, 2020 – JULY 10, 2020**

Emergency

On May 25, 2020, a Maintenance Crew responded to an emergency call-out to perform a blow-off repair. On June 9, 2020, a Maintenance Crew responded to an emergency transmission break on East Main Street in Grass Valley.

General

On May 11 and 14, 2020, Maintenance crewmembers completed forklift training. On June 25 and 30, 2020, crewmembers received confined space training. On July 6, 2020 crewmembers completed crane operator training.

Canal

During this period, the Canal Maintenance Crew completed access maintenance and backfill of a culvert and encasement on the Tarr Canal; completed replacement of raw water meters in the Smartsville System; performed annual installation of a weir in Deer Creek below Lake Wildwood; crane-lifted pumps at the Combie Phase I; installed posts and a gate on the Smith Gordon Canal; brushed and chipped material at the Ruess Reservoir dam. The Crew also performed routine maintenance including canal cleaning, leak repairs, brush cutting, tree removal, debris removal, trash rack cleaning, gate valve replacements, spill repairs, berm repair, berm armoring, berm leveling and aggregate transporting.

Construction

The Crew continues to persevere through excavation around hard rock while also carefully traversing around frequent power and sewer lines adjacent to the Lidster-Cypress Hill Pipeline Replacement Project. The Crew has completed installation of 2,340 of new mainline, setting taps for 29 services, and two fire hydrants.

Facilities

The Crew completed plumbing of the new tanks for the Long Ravine Pipeline Replacement Project; worked on the Scotts Flat Lake Tender House – painting, staining, installing baseboard, trim, mirrors, doors, a water heater, water valves for sinks and toilets, ramp and doors; painted a room at the Lake Wildwood Treatment Plant; and cut down overstocked trees at the Alta Sierra Reservoir in coordination with the Fire Safe Council chipping program. The Crew also performed routine maintenance and landscaping at Headquarters, treatment plants, and tank sites – including monthly inspection of ladders, eyewash stations, and fire extinguishers.

Fleet

The Mechanic Shop performed 67 truck/vehicle services, 8 vehicle retrofits, 26 equipment services, and 34 regulatory required inspections.

Placer

The Crew performed routine canal maintenance including leak repairs, brush cutting, tree removal, debris removal, trash rack cleaning, culvert unplugging, spill repairs, gate valve replacements, culvert replacement and water box installations. The Crew also completed site clean-up of an overtopping event on the Combie Ophir IV. The Placer Crew also repaired and replaced double check valves, service lines and meters in the Lake of the Pines and North Auburn Systems.

Service

The Crew began planning, potholing and installed 1,060 feet of mainline as part of the Apple and Annex Pipeline Replacement Project. During this period, the Crew also cleaned the Lake Wildwood Treatment Plant stilling well and assisted with a pump replacement. In addition, the Crew repaired and replaced meters, endpoints, service lines, fire hydrants, mainlines, and completed patch paving throughout the E. George, Loma Rica, Lake Wildwood, and Lake of the Pines. The Crew also completed numerous USA locating requests.

South Yuba

The SYC Crew has been working diligently to prepare the Bear Valley Yard site for the future yard development. Activities have included site debris clean-up, grading, dead-dying-hazard tree removal, perk and mantle testing, and fencing site layout. The Crew also participated with the Hydroelectric Department in flume lining and met with El Dorado Irrigation District to gain additional information on flume construction and tools.

Vegetation

The Crew performed terrestrial applications along 171 miles of canals. The Crew completed aquatic weed control for a total of 1,058 canal miles. The Crew also performed regulatory water sample collections, water quality monitoring and reporting.

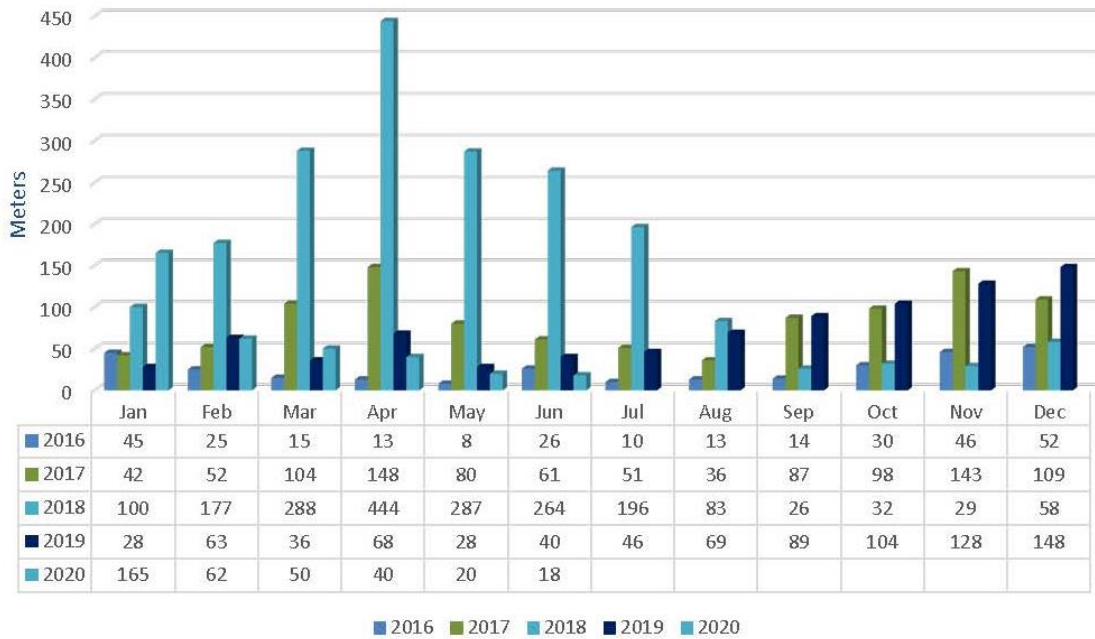
**MAINTENANCE DEPARTMENT
 ACTIVITIES SUMMARY OF SELECT "ROUTINE" WORK
 05/09/20 – 06/05/20**

CATEGORY / TASK DESCRIPTION	TOTAL #
TREATED WATER	
"EMERGENCY" CALL OUTS – SERVICE LINES / WATER MAINS / HYDRANTS	1
HYDRANTS – NEW / REPLACED / REPAIRED	1
METERS – NEW / REPLACED / REMOVED	18
METERS – REPAIRED / GATE VALVES	5
SERVICE LINES – NEW / REPLACED	4
VALVES – ARV, BLOWOFF, INLINE, DCVA, ETC.	6
WATER MAINS – REPAIRED / REPLACED	0
RAW WATER	
CANALS / BERMS – LEAKS AND REPAIRS	18
CANALS – CLEANED	2
CULVERTS – NEW / REPLACED / REMOVED	0
RAW WATER BOXES – NEW / REPLACED / MOVED / REMOVED	7
TREES – REMOVED	3
ACCESS ROADS – MAINTAINED	2
FLEET	
TRUCKS/VEHICLES – SERVICE / PREVENTATIVE MAINTENANCE	31
TRUCKS/VEHICLES – DAMAGE REPAIRS	0
TRUCKS/VEHICLES – RETROFITS	3
EQUIPMENT – SERVICE / PREVENTATIVE MAINTENANCE	11
EQUIPMENT – DAMAGE REPAIRS	0
EQUIPMENT – RETROFITS	0

Emergency Call Outs



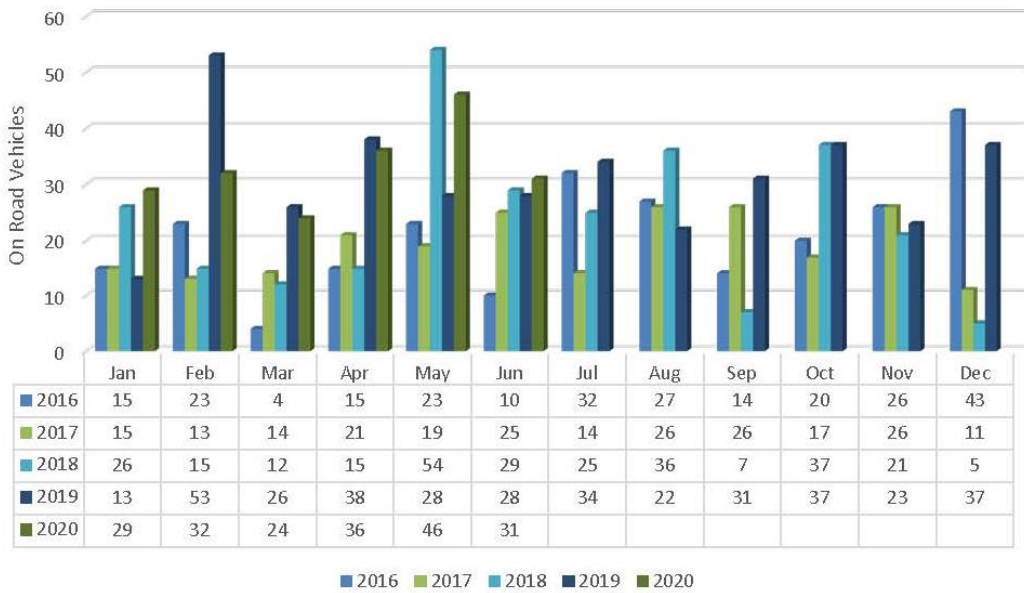
Meter Replacements



Service Line Replacements



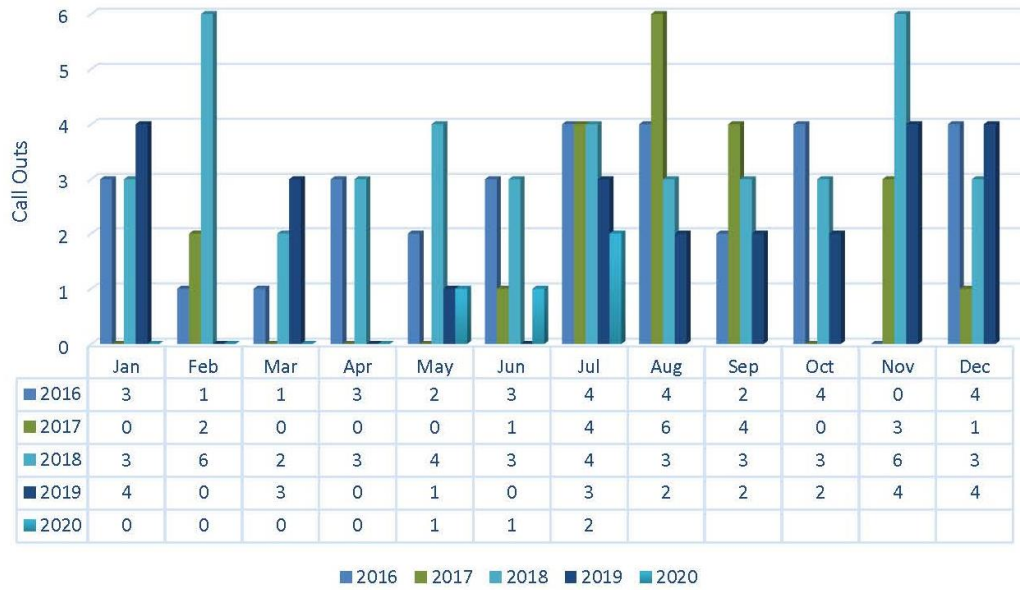
On-Road Vehicle Service/Repairs



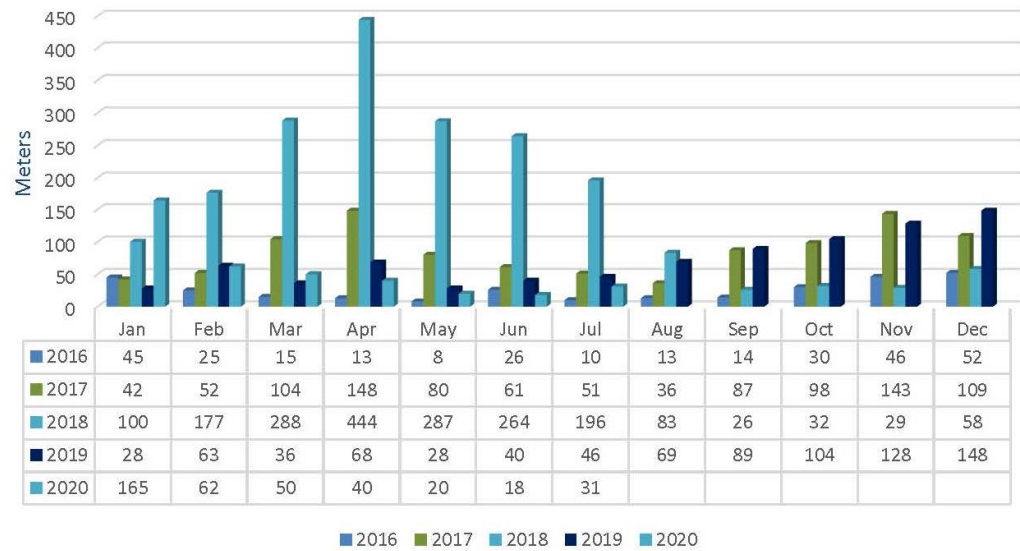
**MAINTENANCE DEPARTMENT
ACTIVITIES SUMMARY OF SELECT "ROUTINE" WORK
06/06/20 – 07/10/20**

CATEGORY / TASK DESCRIPTION	TOTAL #
TREATED WATER	
"EMERGENCY" CALL OUTS – SERVICE LINES / WATER MAINS / HYDRANTS	2
HYDRANTS – NEW / REPLACED / REPAIRED	1
METERS – NEW / REPLACED / REMOVED	31
METERS – REPAIRED / GATE VALVES	2
SERVICE LINES – NEW / REPLACED	18
VALVES – ARV, BLOWOFF, INLINE, DCVA, ETC.	15
WATER MAINS – REPAIRED / REPLACED	0
RAW WATER	
CANALS / BERMS – LEAKS AND REPAIRS	48
CANALS – CLEANED	4
CULVERTS – NEW / REPLACED / REMOVED	2
RAW WATER BOXES – NEW / REPLACED / MOVED / REMOVED	4
TREES – REMOVED	7
ACCESS ROADS – MAINTAINED	1
FLEET	
TRUCKS/VEHICLES – SERVICE / PREVENTATIVE MAINTENANCE	36
TRUCKS/VEHICLES – DAMAGE REPAIRS	0
TRUCKS/VEHICLES – RETROFITS	5
EQUIPMENT – SERVICE / PREVENTATIVE MAINTENANCE	15
EQUIPMENT – DAMAGE REPAIRS	0
EQUIPMENT – RETROFITS	0

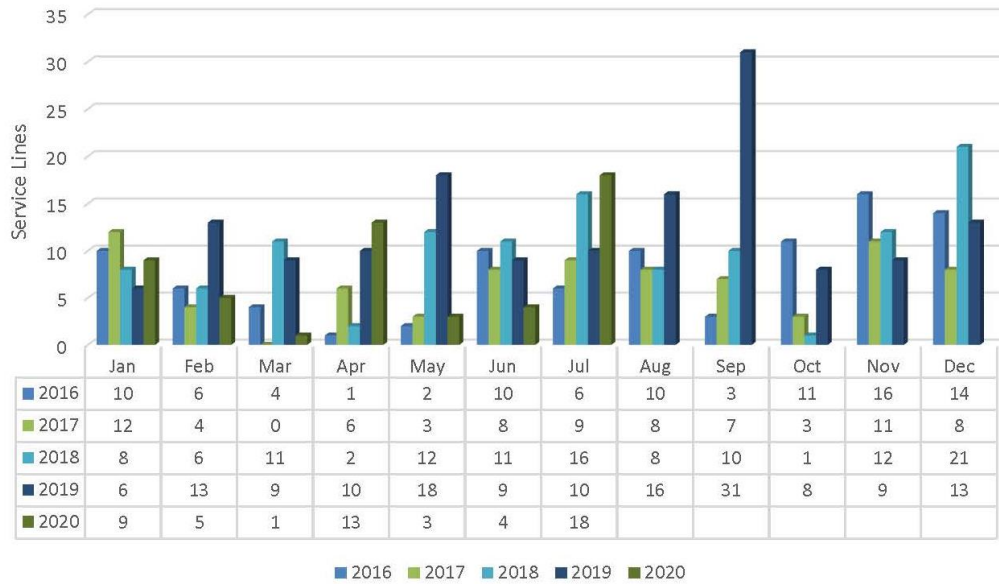
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Meter Replacements



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