

MAINTENANCE DEPARTMENT
ACTIVITIES REPORT
JANUARY 11, 2020 – FEBRUARY 7, 2020

General

On January 16th and 30th, 2020, Maintenance crewmembers completed CPR and First Aid training. On Wednesday, January 29, 2020, Maintenance held a quarterly safety meeting that covered topics including safe handling of AC pipe and bird surveys prior to vegetation management. On Thursday, February 6, 2020, Maintenance crewmembers attended a Pesticide Applicators Professional Association seminar in fulfillment of license and certification continuing education requirements.

Construction

The Crew has continued work on the Long Ravine Pipeline Replacement Project - installing 3,460 feet of waterline, 21 hose bibs, 3 air release valves, 7 reduced pressure zone devices, and setting 2 new water storage tanks. During the January 2020 snowstorm, the Crew also performed snow plowing for access to E. George System tank sites, the Cascade Pipe, Scotts Flat Recreation Office, and Scott Flat Powerhouse.

Facilities

The Crew formed and poured concrete pads for the Long Ravine Pipeline Replacement Project water storage tanks and hose bibs. The Crew also performed snow removal at the Main Office, and downed tree removal and fence repair resulting from the January 2020 snowstorm. The Crew also power washed the Shale Ridge tank, and performed routine landscaping and general maintenance at E. George, Loma Rica, Lake of the Pines and Lake Wildwood Systems facilities.

Service

The Crew repaired and replaced meters, endpoints, service lines, mainlines, and fire hydrants in the E. George, Loma Rica, Lake Wildwood, Lake of the Pines and North Auburn Systems. The Crew also performed site preparation and patrolling during the January 2020 snowstorm. The Crew also worked on the North Auburn System Intertie – pouring concrete and setting a new hot box. The Crew cleaned out the Loma Rica TP flock basin and chambers, and greased the flock paddles; and assisted with cleaning of the Shale Ridge Tank B. The Crew also completed numerous USA locating requests.

Placer

The Placer Crew performed annual cleaning and canal maintenance – including leak repairs, brush cutting, tree removal, debris removal, trash rack cleaning, mucking, spill repairs, gate valve replacements, and water box installations. The Crew performed winter storm preparation, patrolling and repairs during the January 2020 storm. The Crew also repaired and replaced meters in the North Auburn Systems; replaced ARVs on the Combie Ophir 4 (Mount Vernon Siphon); cleaned the Valley View Reservoir head gate; removed a plug in the Chevalier Pipe; and constructed forms for replacement of the Lone Star Canal spill #3.

Canal

The Crew performed annual cleaning and canal maintenance – including leak repairs, brush cutting, tree removal, debris removal, trash rack cleaning, mucking, and spill repairs. The Crews cleaned the flock basin at the Loma Rica Treatment Plant; excavated for repair of the Clipper Creek Siphon; repaired the raw water pipe in Smartsville; and began constructing forms for spill replacement on the Grove Canal.

South Yuba

The SYC Crew attended SnowCat and Winter Survival Training and worked with the Hydroelectric Department in patrolling the South Yuba Canal (Big Tunnel). The Crew continues to build strong working relationships with the Hydroelectric Department and PG&E maintenance personnel while also developing documented methods and procedures for the future maintenance of the South Yuba Canal.

Vegetation

The Crew attended advisor and applicator continuing education courses, performed terrestrial weed control applications, equipment maintenance, regulatory reporting, winter storm patrolling, and brush cutting. The Crew also performed Phase 3 Study monitoring.

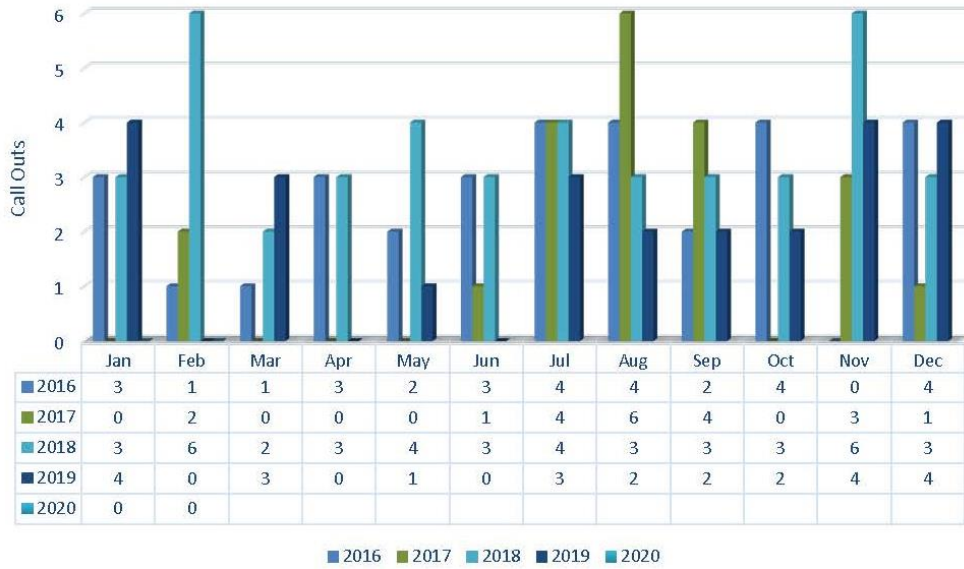
Fleet

The Mechanic Shop performed 32 truck/vehicle services, 1 vehicle retrofit, 15 equipment services, and 5 regulatory required inspections. In addition, the Mechanic Shop has continued to prepare and perform maintenance of backup generators to support reliable water service during emergency events such as the PG&E PSPS events. The Mechanic Shop staff have continued field maintenance of backup generators that power the District water systems in emergency events.

**MAINTENANCE DEPARTMENT
ACTIVITIES SUMMARY OF SELECT "ROUTINE" WORK
01/11/20 – 02/07/20**

CATEGORY / TASK DESCRIPTION	TOTAL #
TREATED WATER	
"EMERGENCY" CALL OUTS – SERVICE LINES / WATER MAINS / HYDRANTS	0
HYDRANTS – NEW / REPLACED / REPAIRED	3
METERS – NEW / REPLACED / REMOVED	62
METERS – REPAIRED / GATE VALVES	8
SERVICE LINES – NEW / REPLACED	5
VALVES – ARV, BLOWOFF, INLINE, DCVA, ETC.	1
WATER MAINS – REPAIRED / REPLACED	0
RAW WATER	
CANALS / BERMS – LEAKS AND REPAIRS	10
CANALS – CLEANED	6
CULVERTS – NEW / REPLACED / REMOVED	0
RAW WATER BOXES – NEW / REPLACED / MOVED / REMOVED	12
TREES – REMOVED	6
ACCESS ROADS – MAINTAINED	0
FLEET	
TRUCKS/VEHICLES – SERVICE / PREVENTATIVE MAINTENANCE	32
TRUCKS/VEHICLES – DAMAGE REPAIRS	0
TRUCKS/VEHICLES – RETROFITS	1
EQUIPMENT – SERVICE / PREVENTATIVE MAINTENANCE	15
EQUIPMENT – DAMAGE REPAIRS	0
EQUIPMENT – RETROFITS	0

Emergency Call Outs



Meter Replacements



Service Line Replacements



On-Road Vehicle Service/Repairs

