OPERATIONS & MAINTENANCE REPORT

2020
QUARTER 2

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District Safety Program

The District Superintendent continues to conduct a series of Tail-Gate safety meetings during the week to keep employees mindful of safety precautions and the proper operation of equipment. Safety meetings were held on:

- COVID-19 Precautions and Workplace Safety
- Protecting Workers from Heat Illness
- Equipment Maintenance

Maintenance Operations

Under the direction of Wayne Fox, District Superintendent, staff addressed maintenance concerns throughout the District.

The major maintenance projects include:

- Haul to wash ins on Main Intake Canal
- Disc bottoms of reservoirs for weeds control
- Clean up of homeless encampments on ditch banks in coordination with the City of Tulare
- Hauling of rip-rap and dirt to ditch slopes for erosion control
- Tree trimming on Main Intake Canal
- Removal of sediment from canal bottom for erosion control
- Fabrication of screens for pipelines
- Replacement of corrugated metal pipelines on headgates
- Replace boards on weir structures in canals for summer irrigation run
- Repair leak on Road 96 at Oakland Colony culvert

Vehicle Maintenance Program

The Vehicle Maintenance staff (VM Staff) has been busy maintaining and repairing construction and maintenance equipment. The maintenance issues that have been addressed include:

- Daily service and repair on equipment in the field
- Repairs to pan scrapers
- Maintenance and light repair to District fleet
- 90-day D.O.T. inspections
- Shop building inspections and maintenance

Herbicide Application Program

The Herbicide Application Staff (Herbicide Staff) has been working on applying herbicide chemicals to District canal embankments. Herbicide staff also provided contact spray operations for Evans Ditch Co.

The following chemicals were used at the specified rates:

Chemical	Rate	Units
Roundup	2,000	Gallons
Tribune	94.5	Gallons
Lifeline	918	Gallons
C.D.F.A. Bait	60	Pounds
Copper Sulfate	150	Pounds
No Foam A	172	Gallons

Construction Projects

The District construction staff under the direction of Mr. Fox has been working on the following projects:

Cordeniz Basin Project

- Install over pour structure for turnout water elevation control
- Paint fence and gates
- Install underground conduit and wire for SCADA equipment
- Sand top of banks for dust control

Modernization Phase II (SCADA)

- Install sensors for measurement on control structure at Head of 5 Run Packwood (Ave 228)
- Install wire for Ramp Flume at Main Canal (Watte Basin)

Pictures

Tree trimming on Main Intake canal along Charter Oak drive.

Disc bottoms of reservoirs for weed control.

Dig and repair leak at Oakland Colony crossing Road 96.

Shape slopes with excavator on Main Intake canal.

Dress up slopes of North Branch in Mooney's Grove park

Installing enclosure for SCADA equipment at Cordeniz basin.

Installing measurement sensor for SCADA on Phase II grant.

Herbicide department spraying water line on Main canal.

Compacting around overflow structure at Cordeniz Basin.