TULARE IRRIGATION DISTRICT

FORMED IN 1889

OPERATIONS & MAINTENANCE REPORT

2019
QUARTER 4

PREPARED BY:
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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:

- Ladder Safety training video
- Machine safety – walk around inspection
- Quick inspections – work place
- Avoiding respiratory hazards
- Fire Extinguisher safety class (Jorgensen)

Maintenance Operations

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

The major maintenance projects include:

- Dredge sand in canals and ditches
- Repairs and replacement of gate turnouts and screens
- Disc recharge basin bottoms for weed removal
- Hauling of rip-rap and dirt to ditch slopes for erosion control
- Mowing weeds in canals and ditches
- Grade slopes and banks of canals
- Pull up rock and concrete at ditch structures and crossings
- Repairs to TID's Wutchumna diversion gates
- Clean up of homeless encampments along District facilities
- Replace buoy at St. Johns and Rocky Ford diversion structure.

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 on equipment in the field
- Maintenance and light repair to District fleet
- 90-day D.O.T. inspections
- Repairs to construction equipment (Scrapers)
- Fleet logs and reports for State compliance requirements
- 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	451	Gallons
Tribune	101	Gallons
Surflan A.S.	330	Gallons
Lifeline	107	Gallons
Cleantraxx	187.5	Gallons
Payload	588	Ounces
Milestone	175	Ounces
Copper Sulfate	30	Pounds
No Foam A	108	Gallons

Construction Projects

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

Cordeniz Basin Project

- Remove material from bottom of Cell No.2 (South) to stockpile on North side of Cell No.1 (North)
- Remove material from bottom of Cell No.1 to stockpile

Modernization Phase II (SCADA)

- Phase 1 Construction placed control structure at Head of 5 Run Packwood (Ave 228).
- Phase 1 Construction built a Ramp Flume at Main Canal just downstream of Watte Basin for flow control out of basin.

Pictures

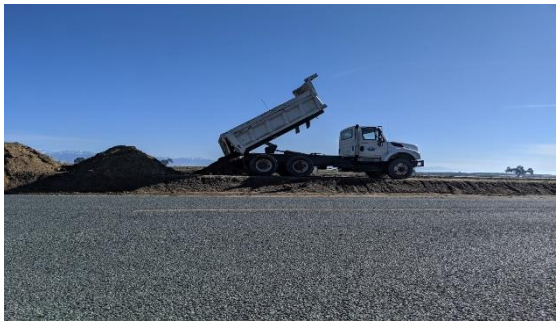
Repairs to hydraulic gates at Wutchumna diversion.

Removal of silt from No. 3 Basin.

Field service on scrapers at Cordeniz Basin project.

Replacement of wall in Northwest head works at No.3 Basin.

Canal slope reshaping with excavator.



Importing rip-rap for slope stabilization.

Scrapers at Cordeniz basin moving material to north side of project.

Repairs to diversion channel at St. John diversion structure.

Removal of sand in structure at north branch.

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Mowing slopes of Main Canal along Mooney Blvd.