TULARE IRRIGATION DISTRICT

OPERATIONS & MAINTENANCE REPORT

2018
QUARTER 1

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 conducted on:

- Lifting and Carrying Material
- Hearing Protection
- Falls from Heavy Equipment
- Head Protection
- Equipment Maintenance

Maintenance Operations

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

The major maintenance projects include:

- Mowing operations on the Main Intake Canal
- Grading of canal, ditches, and basins within District
- Dredging and hauling of sediment accumulation in ditches and canals
- Hauling and placement of rip rap to stabilize slopes of canals
- Installation new turnout gates at locations requested by landowners
- Miscellaneous trash and debris removal from canals
- Repair of turnout gates and screens
- Shop and yard maintenance
- Remove discarded tires from canals and ditches
- Reconstruction of the Rockyford Canal east or Road 68

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:

- Repairs and maintenance on truck fleet
- 90-day DOT inspections and repairs
- Flatbed Retro fit
- Rebuild tool truck bed for new chassis
- Service equipment in field

Herbicide Application Program

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

The following chemicals were used at the specified rates:

Chemical	Rate	Units
Roundup	529.25	Gallons
Lifeline	275.25	Gallons
Tribune	83.5	Gallons
No Foam A	42.75	Gallons
Surflan A.S.	314.5	Gallons
Cleantraxx	143.25	Gallons
Milestone	275.5	Ounces
Payload	67.5	Pounds
Diuron 80	129	Pounds
Capstone	5	Gallons
CDFA Bait	53	Pounds
Dimension	20	Ounces

Construction Projects

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

Cordeniz Basin Project

- Removal of an existing section of Serpa Ditch and Serpa East through K&G Ranches property.
- Install 21" PVC pipe for Serpa East relocation
- Install line control gates for Serpa East pipeline

Modernization Phase II (SCADA)

- Grading bottoms for install
- Install conduit for gate control
- Pour concrete pads for gates
- Removing screens for gate replacement

Pictures

Grading of District basin banks and tops.

Installation new turnout gates at locations requested by landowners.

Haul sand from the headworks of Cameron.
Creek for dust control on banks.

Repair on existing turn-outs and screens.

Removing discarded tires from ditches and canals.

Removing existing canal from K&G Ranches property.

Reconstructing slopes on Rockyford Canal east of Road 68.

Install 21” PVC pipe for Serpa East relocation.

Installation of new Line gates on Serpa East.

Install Conduit from Modernization Phase II grant project.

Form work on pad for control boxes.