



Tulare Irrigation District Operation & Maintenance Report



2015 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 conducted on:

- Heat Stress Prevention Training (JPIA)
- Electrical Safety Training (JPIA)
- Construction Site Safety
- Back Injury Prevention
- Safe Use of Cell Phones at Worksites
- AED Training Class (ZEE Medical)

Maintenance Operations

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

The major maintenance projects include:

- Doze bottom of canals for weed removal
- Disc District recharge basins
- Yard maintenance
- Repair valves on District pipelines
- Repair bar gates at basins
- Repair wash-ins on District canals and ditches
- No . 6 Basin excavation and grading maintenance project

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:

- Standard repairs on maintenance truck fleet
- Standard service of construction equipment and trucks
- 90 day DOT inspections on Fleet
- Repairs on ICON Scrapers
- Replace rear blades on large disc
- Replace brakes on Forklift
- Clean shop for Landowners Meeting
- Inspect and replace signs in yard for JPIA inspection

Herbicide Application Program

The Herbicide Application Staff (Herbicide Staff) has been working on applying herbicide chemicals to District canal embankments. The Herbicide Staff also set up squirrel stations on the Main Intake Canal system and conducted spray operations on the Evans Ditch Company and Tulare Irrigation Company canal systems.

The following chemicals were used at the specified rates:

Chemical	Rate	Units
Finale	178	Quarts
Milestone	371	Ounces
Parrot DF	25	Pounds
R.U. Custom	736	Ounces
Reward	867	Quarts
Roundup	812	Gallons

Construction Projects

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

Basin No. 3 Habitat Islands

- District staff excavated material from the bottom of Basin No. 3 to create habitat islands in the basin.
- Work was done for the City of Visalia WWTP Pipeline project and was required by the USBR Grant.

Main to Packwood Pipeline

- District staff installed a new outlet structure in the Main Canal
- A pipeline was installed to convey water between the Main Canal and Packwood Creek System.
- 36” reinforced concrete pipe was installed (approximately 700 linear feet).
- Outlet structure was installed.

Corcoran Irrigation District Basin Excavation

- District staff and equipment assisted Corcoran Irrigation District in constructing a holding reservoir.
- District staff worked to excavate material from the bottom of an existing basin and build a impoundment levee to utilize a portion of the existing basin as a small storage reservoir.
- Due to the excessive drought CID opted to terminate the project without completing the necessary tasks.

City of Tulare Stormwater Basin Cleanup

- District continues to work on stormwater basins for the city.
- Two basins have been completed.

Pictures



Installation of the Main to Packwood pipeline headwall.



Main to Packwood pipeline installation.



Basin discing operations.



Main to Packwood pipeline outlet installation.



Dozing canal bottoms for weeds.



City of Tulare stormwater basin pumping.



City of Tulare stormwater basin weed removal.



Basin No. 6 excavation and laser grading.



Dozing bottom of canal for weeds



City of Tulare stormwater basin outlet installation.