



# Tulare Irrigation District Operation & Maintenance Report



2014 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:

- JPIA sponsored OSHA 10-Hour Safety Training Course
- Heat Stress Safety
- Quick Equipment Check
- Three Point Rule
- Construction Site Safety

## **Maintenance Operations**

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

The major maintenance projects include:

- Discing of basins throughout District
- Dregging of Main Intake Canal
- Painting SCADA stations
- Replacement of board-slots on weirs and structures
- Removal of field drains
- Repair and inspection of Liberty School pipeline

## **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:

- 90-day inspections for Department of Transportation.
- Repair generators on tool trucks
- Installation of larger diesel tank on service truck
- Replacement of brakes on utility trailer
- Repair of the disc

## **Herbicide Application Program**

The Herbicide Application Staff (Herbicide Staff) has been working on applying herbicide chemicals to District canal embankments.

The following chemicals were used at the specified rates:

<b>Chemical</b>	<b>Rate</b>	<b>Units</b>
Aqua Cap	15	Gallons
CDFA Bait	98	Pounds
Finale	184.4	Quart
Milestone	90	Ounces
Reward	1,604	Quarts
Roundup	931	Gallons

The Herbicide staff also continues to apply squirrel bait around the District.

### **Construction Projects**

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

#### **Wutchumna Ditch Repair**

- District staff was contracted to realign and reconstruct a section of the Wutchumna Ditch.
- District staff hauled rip-rap from the nearby CEMEX plant to the canal section where work was being performed.
- District staff removed existing material from the canal, placed rip-rap and compacted material back into place.

#### **Walker Residence Dirt Work**

- District staff was hired to move dirt from Anderson Basin to the Walker Residence to backfill an unused pond on the property.

#### **Clarklind Farms**

- District staff was hired to install a line gate for Clarklind Farms.

#### **Alvin Borba**

- District staff was hired to install a road crossing including connections at both sides of the pipeline.

#### **City of Tulare Stormwater Basin Work**

- District staff was contracted to perform maintenance work on stormwater basins throughout the City.
- Work began on Basin No. 13 (Gem and Washington).
- Vegetative material was excavated and placed into large bins that the City of Tulare removed from the site.
- Shaping of the basin began.

### **Pictures**



Repair and inspection on Liberty School pipeline.



Main Intake Canal channel maintenance.



SCADA equipment painting and maintenance.



Wutchumna Ditch Company canal work.



Wutchumna Ditch Company finished canal work.





City of Tulare Basin No. 13 maintenance work.



City of Tulare Basin No. 13 maintenance work.



City of Tulare Basin No. 13 finished maintenance work.



Canal top of bank maintenance.