



# Tulare Irrigation District Operation & Maintenance Report



2015 Quarter 3

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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:

- OSHA 10 hours class (2 day) provided by ACWA
- Slip, Trips and Falls
- How to Improve Safety with Signs
- How to Manage Cutting with Oxygen and Acetylene
- Foot and Leg Protection

## **Maintenance Operations**

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

The major maintenance projects include:

- District canal trash program targeting miscellaneous trash and accumulation of tires
- Continued mowing of canals with tractor/mower rental unit
- Grading of canals with rental grader and District sloper
- Turnout maintenance continues on numerous canal gates throughout the District
- Doze bottom of canals with rental dozer
- Hauling and placement of rock/rip-rap on canal embankments
- Wash-in repairs as they arise throughout the District
- Cleaning of Bates Slough

## **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
- Shop and yard cleanup

## **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>
Finale	470	Gallons
Milestone	61	Ounces
Parrot DF	4	Pounds
R.U. Custom	12	Gallons

Reward	395	Quarts
Roundup	300	Gallons

### **Construction Projects**

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

#### **Westra Turnout on Southwest Ditch**

- Removal and replacement of a road culvert that had failed.
- New turnout installation to replace older turnout.

#### **Valov Turnout at Cameron Creek**

- Landowner requested a new turnout to replace the old turnout and to serve a new pump/filter station.
- A new pre-fabricated box structure, gate valve and flow meter were installed.

#### **Anderson Basin Rehab Project**

- Working with construction staff from Kaweah Delta Water Conservation District, the District excavated and graded the southwest cell of Anderson Basin.
- Side slopes were placed at 6:1 and the basin was graded to drain to the northeast corner of the cell.

#### **City of Tulare Stormwater Basin Cleanup**

- District continues to work on stormwater basins for the city.
- The last two basins were completed with the remaining funds provided by the City of Tulare

#### **City of Tulare 2015 Weed Abatement Program**

- The District was requested to provided weed abatement on basins that were worked on in 2014.
- District mowed the weeds in the basin with a rented skidsteer, which was equipped with a deck mower.
- After mowing was completed the District applied herbicide to the basins.

#### **Evans Ditch Company Mowing and Grading**

- District utilized rental equipment to mow and grade the Evans Ditch Company canal system.

### **Pictures**



Rental tractor/mower mowing canal.



Wash-in repair.



Basin excavation at Anderson Basin.



City of Tulare stormwater basin mowing operations.





Westra turnout and road crossing repair.



Westra turnout and road crossing repair.



District grading operations.



Canal dozing operations.



City of Tulare stormwater basin grading operations.



City of Tulare stormwater basin canal gate installation.



City of Tulare stormwater basin mowing operations.