



# Tulare Irrigation District Operation & Maintenance Report



2015 Quarter 1

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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:

- Defensive Driver Training (ACWA-JPIA)
- PPE Wet Concrete Safety
- ABC's of Safety
- Preventing Heat Stress

## **Maintenance Operations**

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

The major maintenance projects include:

- District Basin Shaping (No.6 Basin)
- Disc basin with Big JD tractor
- Repair district turnouts and screens
- Repair canal wash-ins
- Removal on tires and trash from canals
- Spring yard cleanup
- Finish grading canals
- Push in Miot ditch at Richard Dyt's

## **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 to Engineer tech truck

## **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>
Gallery SC	79	Pints
Milestone	137	Ounces
Parrot DF	1,960	Pounds
R.U. Custom	2,000	Ounces
Reward	954	Quarts
Roundup	944	Gallons
Surflan	71	Gallons

## **Construction Projects**

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

### **Neil Zwarts Project**

- District personal built a water control structure
- Install pipe for canal crossing
- Installed two new turnouts

### **Lemstra Area Pipeline**

- District staff worked diligently to install 1300' of 18" pipe
- Installed two turnout gates for farmers
- Crossed the county road in two locations

### **Main to Packwood Relocation (Greg Watte)**

- District equipment operators pushed existing canal in
- District personal has started on head work structure
- Started to bring in pipe from Serpa ditch project

## **Pictures**



Install new turnout for Neil Zwart.



Install stand pipe for turnouts on Lemstra area pipeline.



New structure for the Lopes ditch relocation (Neil Zwart).



Grading Upstream Main Canal intake with rental grader.



Basin rehab with John Deere at basin No.6.



Removing the Miot ditch from Richard Dyt property with excavator.





District staff installing pipe for the Lemstra Area pipeline across Ave.199.



Removing the top soil off the southwest cell at No.6 basin.



Repair wash-ins on upstream canals.