



Tulare Irrigation District Operation & Maintenance Report



2016 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:

- Battery safety training
- Transporting machinery training
- Ten rules to preserve ten fingers
- ACWA JPIA sponsored Trench & Excavation safety training
- ACWA JPIA sponsored Confined Space training

Maintenance Operations

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

The major maintenance projects include:

- Replacement of turnouts requiring excessive repairs and/or needing immediate attention
- Repair turnouts and screens
- Grading operations in District canals, ditches and basins
- Upon receiving a tractor/mower system the District staff began mowing weeds on canal banks ahead of grading operations
- Dredging of Packwood Creek along Avenue 260
- Hauling and placement on concrete rip-rap to areas experiencing erosion
- Replacement of corrugated metal crossings
- Cleaning of trash and debris in City of Tulare pipeline easements

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 and maintenance on truck fleet
- Repairs to Chevy Tool Truck
- Installed District sloper on rental motor grader
- Repairs to tilt trailer
- Service and repairs on District disc implement
- Replacement of unleaded fuel pump
- Yard maintenance and 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:

Chemical	Rate	Units
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CDFA Bait	3	Pounds
Copper Sulfate	580	Pounds
Custom Roundup	55	Gallons
Diquat	30	Quarts
Lifeline	2,196	Quarts
Roundup	1,377	Gallons
Solera	794	Quarts

Construction Projects

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

Cordeniz Basin Project

- Mobilize District equipment to the construction site
- Grade the existing ditch through the project
- Receive and stockpile pipeline and structure material
- Post signs and compliance equipment

Pictures



District canal grading operations.



Crossing replacement with HDPE pipe.



District basin discing operations.



Cordeniz Basin pipeline installation.



District canal shaping with excavator.



Dozer grading operations in the bottom of District canals.



District turnout replacement and repair operations.



Canal embankment grading.



District canal pipeline repair.



Dozer grading operations.



District basin discing operations.