



Tulare Irrigation District Operation & Maintenance Report



2016 Quarter 4

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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:

- What to Know About Valley Fever
- Back Protection Training
- Hazard Recognition Training
- High Pressure Air Training
- Fire Extinguisher Class provided by Jorgensen

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
- District staff mowing weeds on canal banks ahead of grading operations
- Hauling and placement of concrete rip-rap in areas experiencing erosion
- Cleaning of trash and debris in City of Tulare pipeline easements
- Hauling dirt to wash-ins on ditches and canal banks
- Spreading sand on banks around measuring stations
- Repair leaks in the St. Johns River Siphon

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 water truck
- Repairs to rental mower
- Yard maintenance and cleanup
- 90-day DOT inspections and repairs
- Smog and smoke test the fleet per DMV requirements

Herbicide Application Program

The Herbicide Application Staff (Herbicide Staff) has been working on applying herbicide chemicals to District canal embankments. The Herbicide Staff has also started the application of pre-emergent material.

The following chemicals were used at the specified rates:

Chemical	Rate	Units
Cleantraxx	134	Quarts
Custom	6	Gallons

Roundup		
Diuron	600	Pounds
Lifeline	162	Quarts
Payload	82	Pounds
Pendulum	100	Gallons
Quest	13	Pints
Roundup	260	Gallons
Solera	163	Quarts
Surflan	85	Gallons

Construction Projects

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

Cordeniz Basin Project

- Installation of 2,000 linear feet of 48” rubber gasket reinforced concrete pipe
- Installation of transition boxes
- Hauling of rock for track out
- Construction of the Inlet Structure at Serpa Ditch

Pictures



District turnout repair.



Hauling rip rap to canals and ditches throughout the District.



District mowing operations.



Asphalt repair.



Rip rap placement.



Culvert cleaning operations.



Cordeniz Basin Project transition box installation.



Cordeniz Basin pipeline installation.