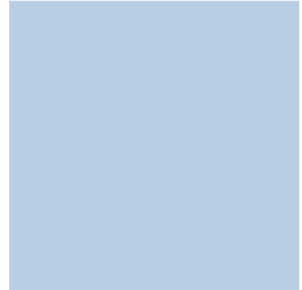
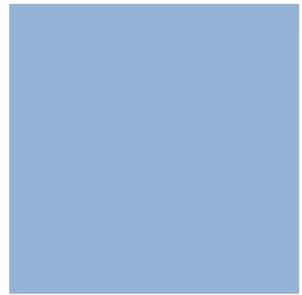
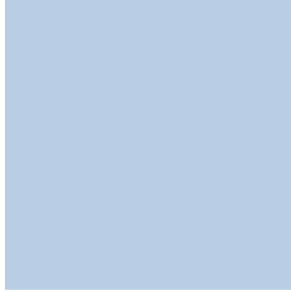
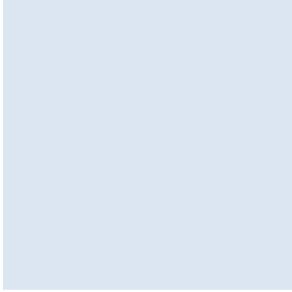


TULARE IRRIGATION DISTRICT

OPERATIONS & MAINTENANCE REPORT



2018
QUARTER 2

PREPARED BY:
WAYNE FOX
July 3, 2018

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:

- Avoiding strains, blows, and pinches when handling portable ladders
- Protecting yourself from heat stress
- AWCA-JPIA Bi-annual Inspection by Keith Forbes

Maintenance Operations

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

The major maintenance projects include:

- Grading of canals within District and on Main Intake Canal
- Remove failed corrugated metal crossing and replace with new 48in. HDPE pipe
- Dredging and hauling of sediment accumulation in Kaweah Ditch
- Excavate out and bring in non-native material to RockyFord Ditch (Ave. 240)
- Repair Area 7 and Area 18 pipeline leaks
- Place and compact non-native material at Rocky Ford Ditch (Ave. 240)
- Miscellaneous trash and debris removal from canals
- Remove fallen Oak Trees from waterways
- Repair 3 ft. metal vent pipe on St Johns Siphon
- Disc the bottoms of Liberty and Swall basin in April
- Installed Cable gates and signs on Main Canal

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:

- Repairs and maintenance on truck fleet
- 90-day DOT inspections and repairs
- Flatbed Retrofit
- Service equipment in field
- Inspect and maintenance on Disc
- Replace transmission on 2007 Ford F350 Spray truck

Herbicide Application Program

The Herbicide Application Staff (Herbicide Staff) has been working on applying herbicide chemicals to District canal embankments. Herbicide staff provided contact spray operations for Evans Ditch Co.

The following chemicals were used at the specified rates:

Chemical	Rate	Units
Roundup	1170.75	Gallons
Lifeline	538.5	Gallons
Tribune	150.625	Gallons
No Foam A	68.625	Gallons
Surflan A.S.	13	Gallons
Cleantraxx	8.25	Gallons
Dimension	9	Quarts
Copper Sulfate	1960	Pounds

Construction Projects

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

Cordeniz Basin Project

- Dig a 10'w X 4'd Key way and Re-compact in 6in lifts
- Flood with 8in. Pump (5 acres)

Modernization Phase II (SCADA)

- Install conduit for SCADA control sites
- Fabricated Stilling wells and Control Boxes

Pictures



Maintenance crew repairs leaks at Area 18.



Removal of weeds with disc at Liberty basin.



Posting signs for water run in April at Mooney and Northbranch box culvert.



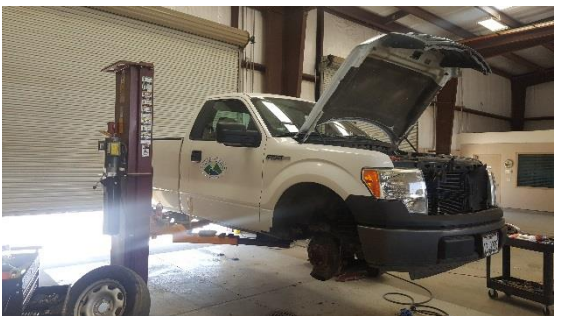
Shop retro-fit the dump bed from old truck (CARB) to used tool truck.



Flooding south end of Cordeniz basin with 8" rental pump. (5 acres)



Replacing existing metal culvert on Kaweah Ditch with new 48in. HDPE pipe.



Routine maintenance on ditch vehicles.



Cut 10 ft. X 4 ft. key way and re-compact for bank stabilization at Cordeniz basin project.



Installation of conduit for automated gates at Packwood creek and Ave 228.



Repair of St Johns siphon vent with 3/6" metal sheets.



Concrete pumped into sleeve around metal vent at St Johns siphon.