



F/ETCA

# Tomato Springs Reservoir Replacement Project



# Project Background

## Replacement needed in 2009...

- Premature deterioration of reservoir liner and cover
- Fire damage from the Santiago Canyon Fire
- IRWD indefinitely postponed commissioning plan of nearby municipal reservoir
- End of serviceable life
- Agency reimbursed for faulty material and fire damage



**Board Approval May 14, 2009**



# Tomato Springs Reservoir

***Kick-off Meeting - June 1***  
***Fabrication of Material - June 29***



# Tomato Springs Reservoir



- Drained through normal use – no waste
- Layfield begins demolition June 29
- Re-usable parts salvaged and cover removed

# Tomato Springs Reservoir

- Removal of the primary liner
- Repairs to the underdrain liner



# Tomato Springs Reservoir

***New  
primary liner  
installed***



# Tomato Springs Reservoir



***New  
floating  
cover  
installed***

# Tomato Springs Reservoir



***Cover  
inflated for  
interior  
inspections***

# Tomato Springs Reservoir

***Corner  
unbolted to  
access  
interior of  
inflated  
cover***



# Tomato Springs Reservoir



***Inflated for  
cleaning,  
testing and  
inspection***

# Tomato Springs Reservoir



# Tomato Springs Reservoir



# Tomato Springs Reservoir

- Installation completed and back in service July 20
- Project completed on schedule and within budget



*“Resident Inspector”*



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