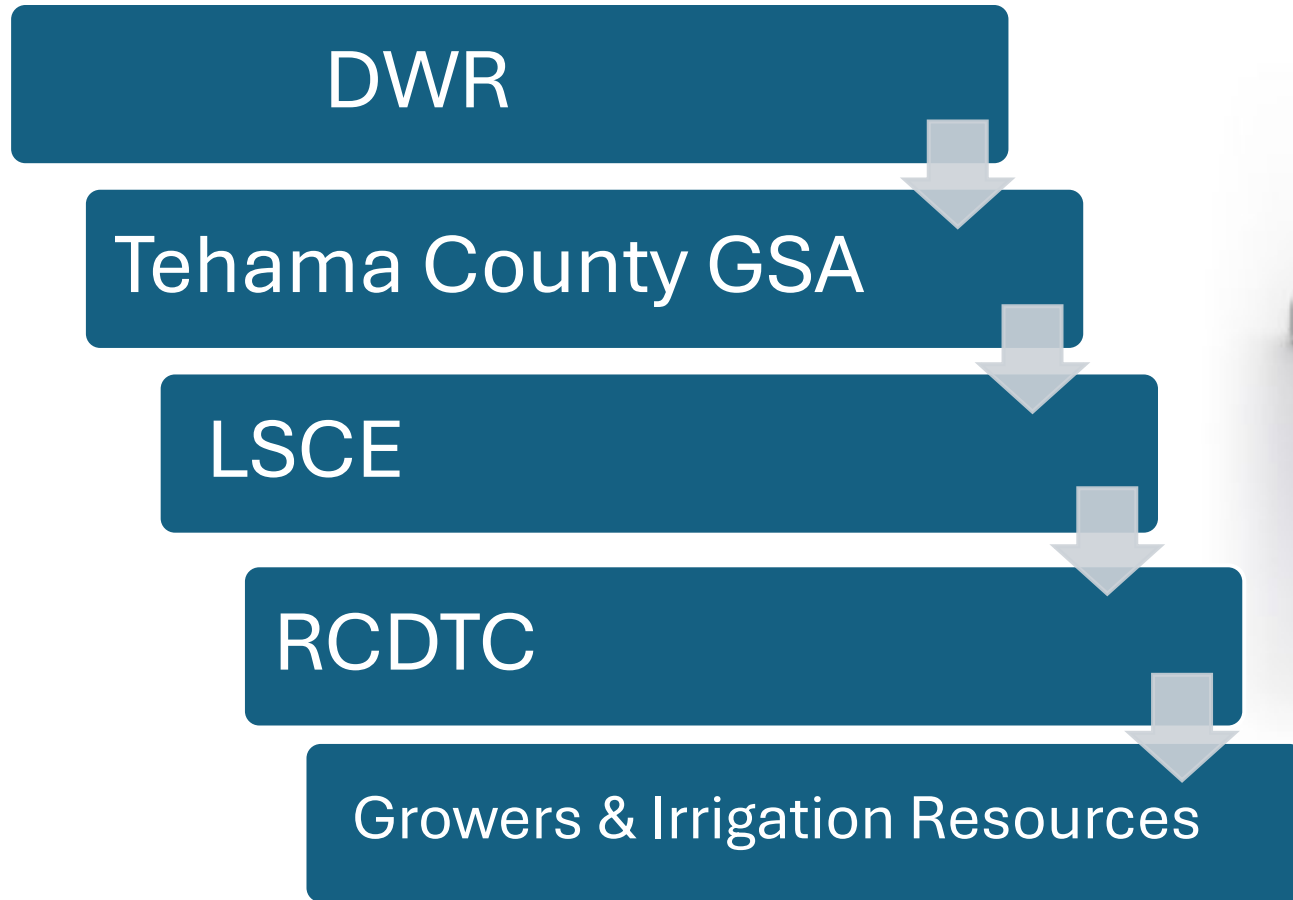


**Multi-benefit
Pilot Irrigation
Construction
Project
Final Report**

Resource Conservation
District of Tehama County



Tehama GSA – RCDDTC Partnership



Collaborating With Landowners to achieve groundwater sustainability



Project Details

- Pilot program funding through DWR to improve water use efficiency
 - System upgrades
 - Retrofits & replacement
 - Monitoring equipment
 - Automation technology
- RCDTC has 4 approved projects
 - Total of \$490,000.00
 - All growers and projects located in the RB Subbasin
- March 21st deadline!

Project 371-502

- Soil moisture monitoring
 - Replacing one sensor
- Flow meters
 - Installing 2
- Replacement valves
 - Automated, 7 total
- Project status
 - Complete
- Project impact, 210 acres





Project 371-503

- Mainline additions
 - Creating 2 new blocks
 - Highly variable soil types
- Adding automated valves
- Burying drip line
 - Decreasing leaking damage
- Upgrading filtration system
- Adding injection pumps
 - Decrease plugging
- Project status
 - Complete
- Project impact, 217 acres

Project Benefits and Next Steps

- Increased water use efficiency
 - Drip line replacements
 - Immediate DU increase
 - 79% MIL eval in 2021
- Case studies
 - Monitoring equipment
 - Automation
 - All growers willing to provide before and after project data
- Hopeful of continued funding for all basins in TC
 - Program available for all growers





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