

## PRELIMINARY PROJECT DESCRIPTION

Name of Project: Curtis Creek Water Supply Project

### **PLANNING FOR -SAFE DRINKING WATER STATE REVOLVING FUND APPLICATION (SDWSRF)**

Project Owner: Curtis Creek School District

Project Location: 18755 Standard Rd., Sonora, Ca. 95370

Contact Person: Kevin Shinn Title: Maintenance & Operations Manager

Address: 18755 Standard Rd. Sonora, Ca. 95370

Phone: 209-533-1083 Ext. 349

Description of proposed project:

Option #1- Consolidate with local TUD Water by bringing a water main pipeline approximately one mile from the corner of Mono Way and Standard Road to Curtis Creek School site location and tie in to both domestic water and fire hydrant systems. Drill a new deeper well to replace current inadequate and antiquated declining well, on site to provide irrigation watering needs and re-route underground piping to separate irrigation water from the domestic water system. We consider Option #1 to be our best option as it addresses our domestic water supply problem as well as providing us with water supply to our currently dormant fire hydrant system and gives us a fire suppression capability of which we currently have none and is a huge safety concern. Also it would give us affordable and more reliable water for irrigation.

Option #2- Consolidate with TUD Water by bringing a water main pipeline approximately one mile from the corner of Mono Way and Standard Road to Curtis Creek School site. We keep the existing well and re-route underground piping to separate irrigation water from the domestic water system. We consider this to be a less desirable option as it does not address our current inadequate well which was dug in 1957 and which has been steadily on the decline and has resulted in school closures for bad Bac-T tests and water supply failures since 2005 and has been unable to meet our irrigation needs for several years resulting in the loss of one of our large ball fields a couple of years ago and the likelihood of losing our remaining one.

Option #3- Drill a new well and install a large storage tank to provide water for currently dormant fire hydrant system. We also consider this to be a less desirable option as location, maintenance and longevity of a large tank may be prohibitive. The ability of a well system to provide water flow to sustain a large water tank system used for fire fighting capabilities for many years to come is uncertain and does not give the District a reliable water supply for the future.

Additional information regarding this project such as maps, studies etc. will be made available upon request.

Preliminary Budget Estimate: \$1,000,000.00

Preliminary Financing Plan: Possible State and District Funds (Dependent on Approval of SDWSRF Application)

Project Schedule:

Planned Date of Design Startup: Feb. 2015

Planned Date of Design Completion: March 2015

Planned Date of Construction Startup: June 2015

Planned Date of Construction Completion: Year 2015

Professional Services Anticipated: TUD Water Company, Architect / Project Manager, Engineer, DSA Inspector, Underground Contractor, Well Drilling Company, General Contractor, Electrical Contractor, Plumbing Contractor, Cal Fire, Paving Contractor