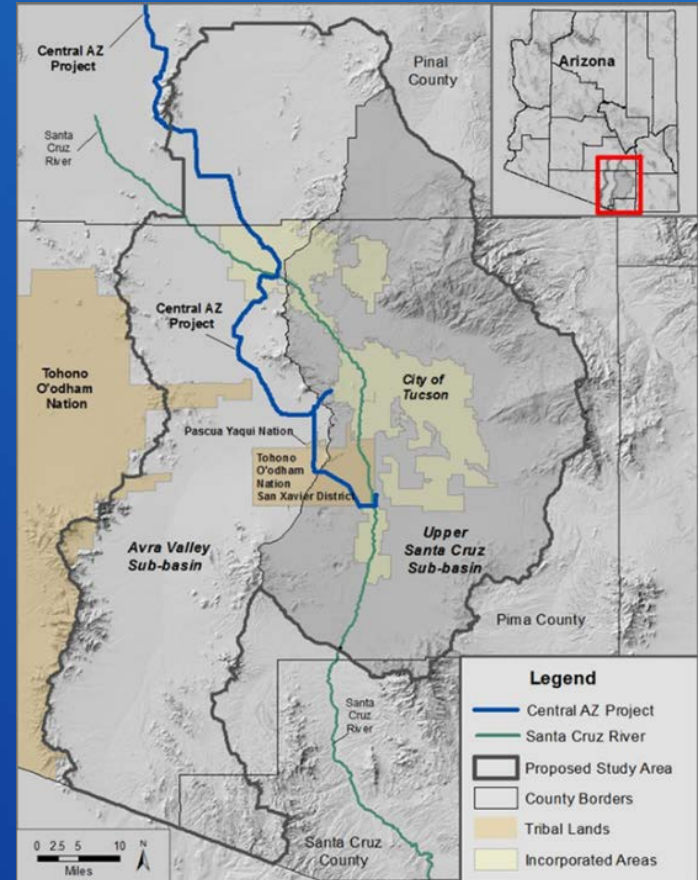


Lower Santa Cruz River Basin Study: *Timeline, Budget and Plan of Study Updates*

*Eve Halper
Water Resources Planner
Bureau of Reclamation
Project Team Meeting #10 (Webinar only)
August 22, 2018*



RECLAMATION

Time Extension / Budget Increase Request granted

- Reclamation Policy Office approved extension of Study deadline from 2/10/2019 to 9/30/2020 (an additional year and 7 months)
- Reclamation Policy Office approved request for an additional \$325,000 to the original Federal contribution of \$392,750 for a total of \$717,750
- Non-federal in-kind cost-share requirement will increase by \$325,000, from \$393,000 to \$718,000 (an estimated \$350,663 has already been contributed)
 - need current hourly rates with overhead, if not transmitted already
- Total estimated cost of study is now \$1,435,750

How will additional funds be used?

- Additional funds will be used to cover the cost of:
 - Including dynamically downscaled climate projections
 - Developing weather generator
 - Use of Sacramento Soil Moisture Accounting Model (SAC-SMA)
 - Integration of SAC-SMA recharge projections with TAMA Modflow model
 - Development of environmental analysis methods
 - Increased labor costs for Reclamation engineers

Key upcoming dates

- September 2018
 - Approval of “Best Case” and “Worse Case” climate scenarios (required for surface hydrologic modeling)
 - Begin development of TAMA groundwater pumping input files from CAP:SAM projections
- November 2018
 - Presentation of surface hydrology results
- December 2018
 - Presentation on surface hydrology impacts on riparian areas
- January 2019
 - Presentation on groundwater modeling results
- February 2019
 - Presentation on groundwater hydrology impacts on riparian areas

Suggested Plan of Study Updates

- Change reporting frequency to semi-annually from quarterly
- Updated Budget
- Updated Timeline

What's next in this process?

- Reclamation will draft a amendment to the original Memorandum of Agreement, changing only term of agreement and amount of cost-share contribution
- Non-Federal Partner signatories will be asked to sign amendment (SAWUA, PAG, CAP, ADWR, UA, CMID)
- Signed copies of amendment will be collected and sent to Reclamation's Lower Colorado Regional Office for signature by the Regional Director
- Signed copies of amendment will be returned to Partners.
- Target date for execution of amendment - end of calendar 2018.

RECLAMATION

Questions?

RECLAMATION