

Sites Joint Reservoir & Authority Board

Agenda Item 3.2 – Work Plan Status Update

September 22, 2023



Current Work Plan Status

- Current Amendment 3 Work Plan period of performance is 2022 – 2024
- Amendment 3 Work Plan is intended to closeout our current phase and initiate Final Design & Construction Phases
- Approximately 50% through the current Work Plan and 2 key takeaways:
 - There is a need to extend our A3 period to include 2025
 - Optimized Project Schedule effort has led to a prioritization opportunity

Suggested Changes In plan

- **Benefits and Obligations Contract**

- Anticipated additional time to complete key predecessors
- Extension of work plan from 2024 to 2025

- **Project Schedule Optimization Effort**

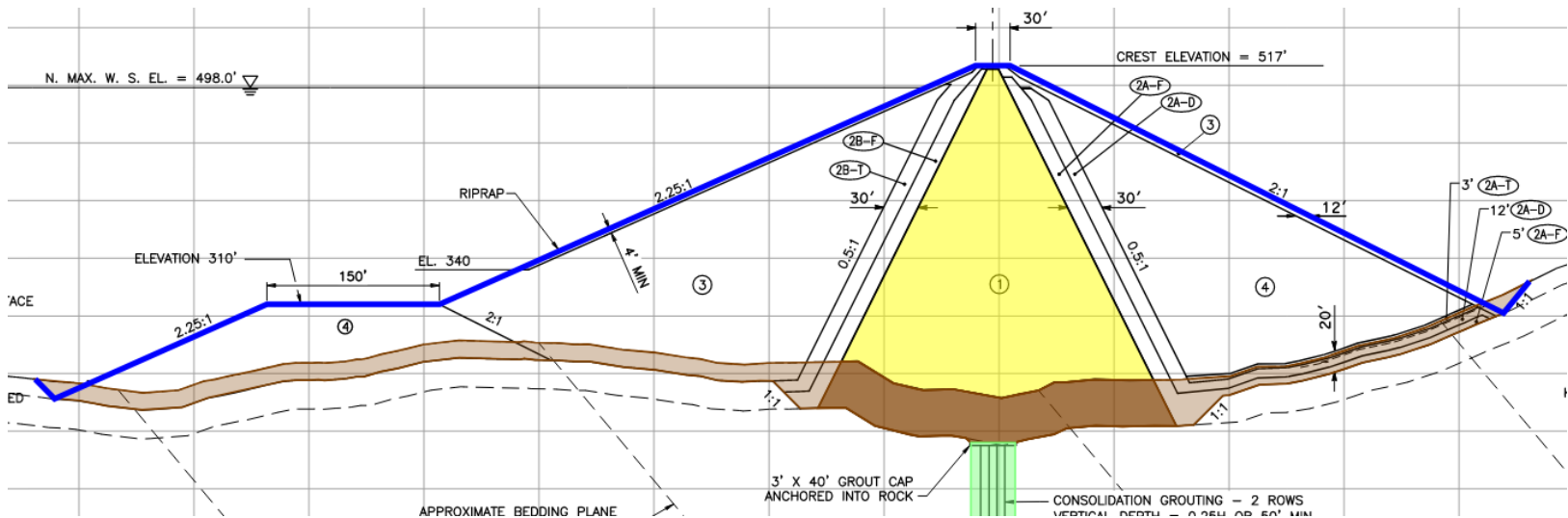
- Focus on Critical Path
- Refined definition of scope based on funding availability

2024- 2025 Critical Path Items

- In developing 2024 - 2025 optimized schedule investigated top critical items
 - Programmatic Environmental plans and compliance
 - Required to achieve clearance for Geotech and Construction activities to commence
 - Critical Land Acquisition
 - Land required to construct first three projects
 - Golden Gate Dam, Sites Dam, Sites-Lodoga Rd Detour
 - Golden Gate Dam
 - Critical Path of the project to reach Operations

Example Project Hierarchy

- Package – Reservoirs Package
 - Project – Golden Gate Dam
 - Sub Project – Golden Gate Land Acquisition
 - Sub Project – Geotech Investigation
 - Sub Project – Design
 - Sub Project – Cultural/Bio Clearance for Construction
 - Sub Project - Construction (Foundation, Grout Curtain, Dam)



Anticipated Construction Critical Path

#0 Investor Commitment

#1 Golden Gate Dam (Geotech and Design)

#2 Sites Lodoga Rd Detour (Land Acquisition)

#3 Sites Dam (Land Acquisition)

#4 Transmission Powerlines (Land Interest and Deposit)

#5 Inlet/Outlet Facilities

#6 TRR Complex

#7 Funks Complex

#8-14 Saddle Dams

#15 Dunnigan Pipeline

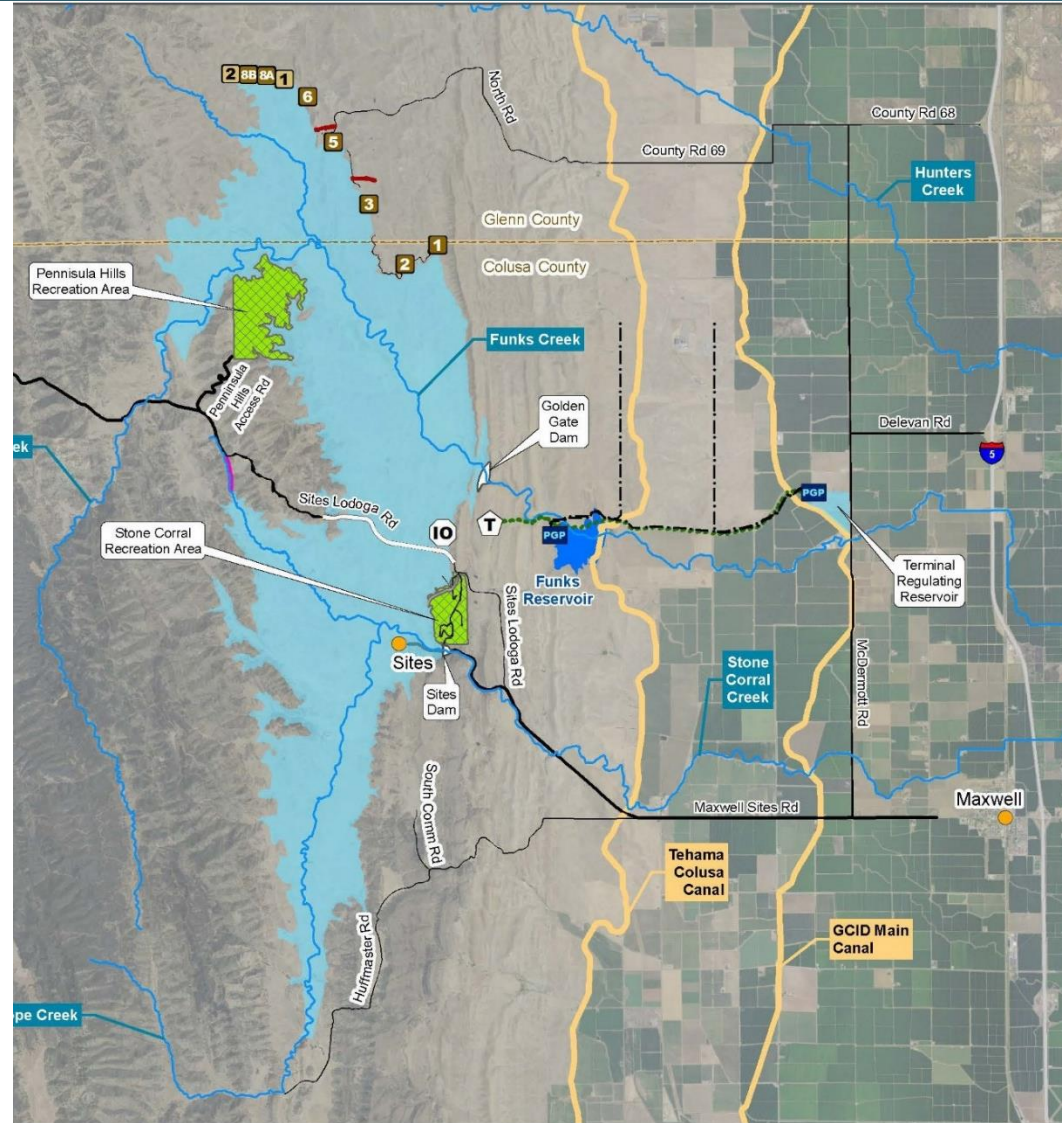
#16 Sites Lodoga Rd and Bridge

#17-18 Recreation Areas

Fully Funded

Partially Funded

Deferred



Anticipated Available Funding

Estimated funding available for remainder of Amend 3

- Cash Dec 31, 2023 \approx \$25M
 - (Cash on hand) + (New revenue) – (Forecasted expenses)
- 2024 new revenue \approx \$39M
 - \$13M in Federal WIIN & IJJA reimbursements
 - \$25M in Cash Call (\$160/AF)
 - \$0.5M in AB Dues
- 2025 new revenue \approx \$14M
 - \$7M in Federal WIIN & IJJA reimbursements
 - \$7M in Cash Call (\$40/AF)
 - \$0.5M in AB Dues

Estimated **\$77M** in available funds

What can we afford?

- Estimated \$77M in available funds
- Revised plan to fit within expected revenue
 - Programmatic Environmental plans and compliance
 - Hire Reservoir CMAR and Mitigation Contractor
 - Critical Land Acquisition (Includes Sites Dam and Lodoga Rd)
 - Golden Gate Dam Project (Construction following Investor Commitment)
- Delay start of Sites Dam and Sites Lodoga Rd Reroute Geotechnical and Design work until funds available
 - Estimated at approx. \$20M
 - Check back in mid-2024

Cash Flow Summary - Preliminary

From 2022 Closeout

	2022	2023	2024	2025	Total
Expenses	\$24.7M	\$65.9M	\$31.8M	--	\$122.4M
Revenue*	\$36.3M	\$54.0M	\$64.5M	--	\$154.8M

*For cash flow purposes, includes carryover from previous periods

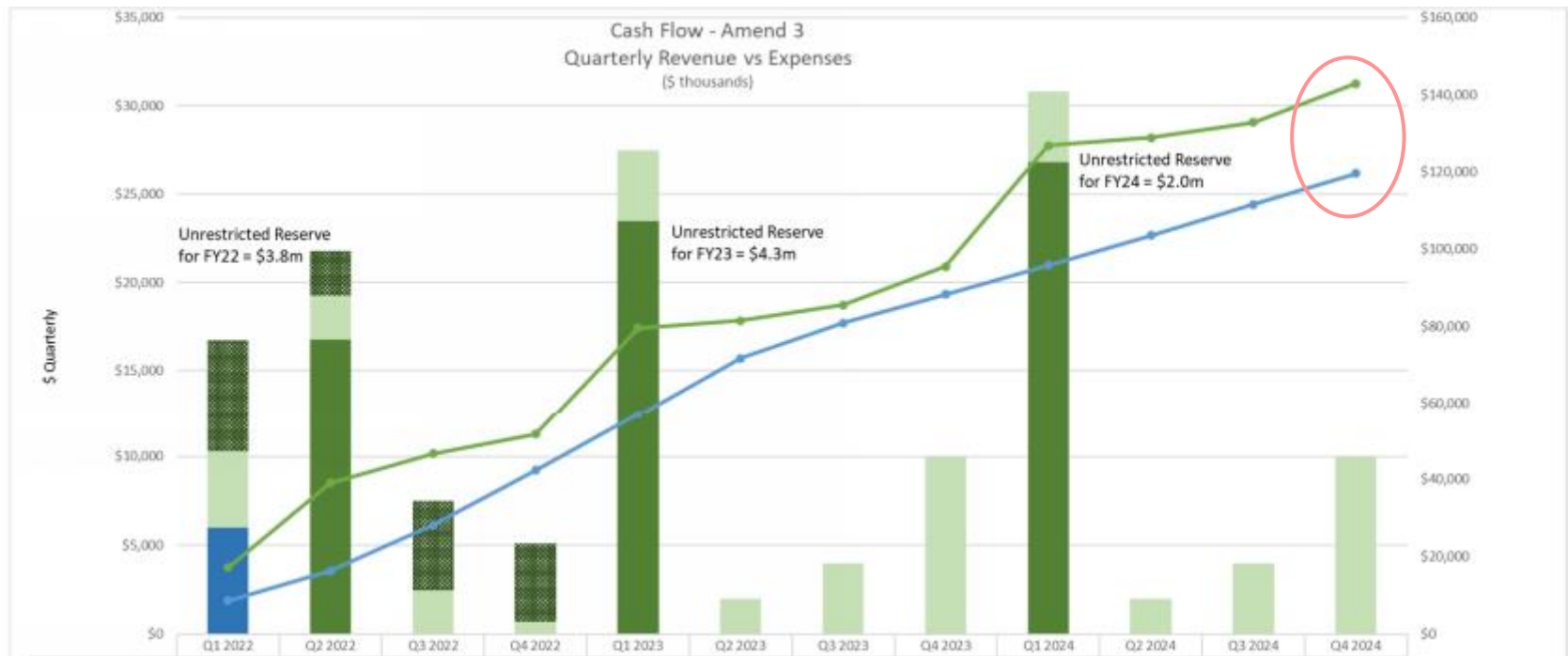
Draft Proposed 2023 WP Update (Preliminary) – Includes actual and forecasted values

	2022	2023	2024	2025	Total
Expenses	\$24.7M	\$40.1M	\$77.2M		\$142M
Revenue*	\$36.3M	\$52.0M	\$39.6M	\$14.1M	\$142M

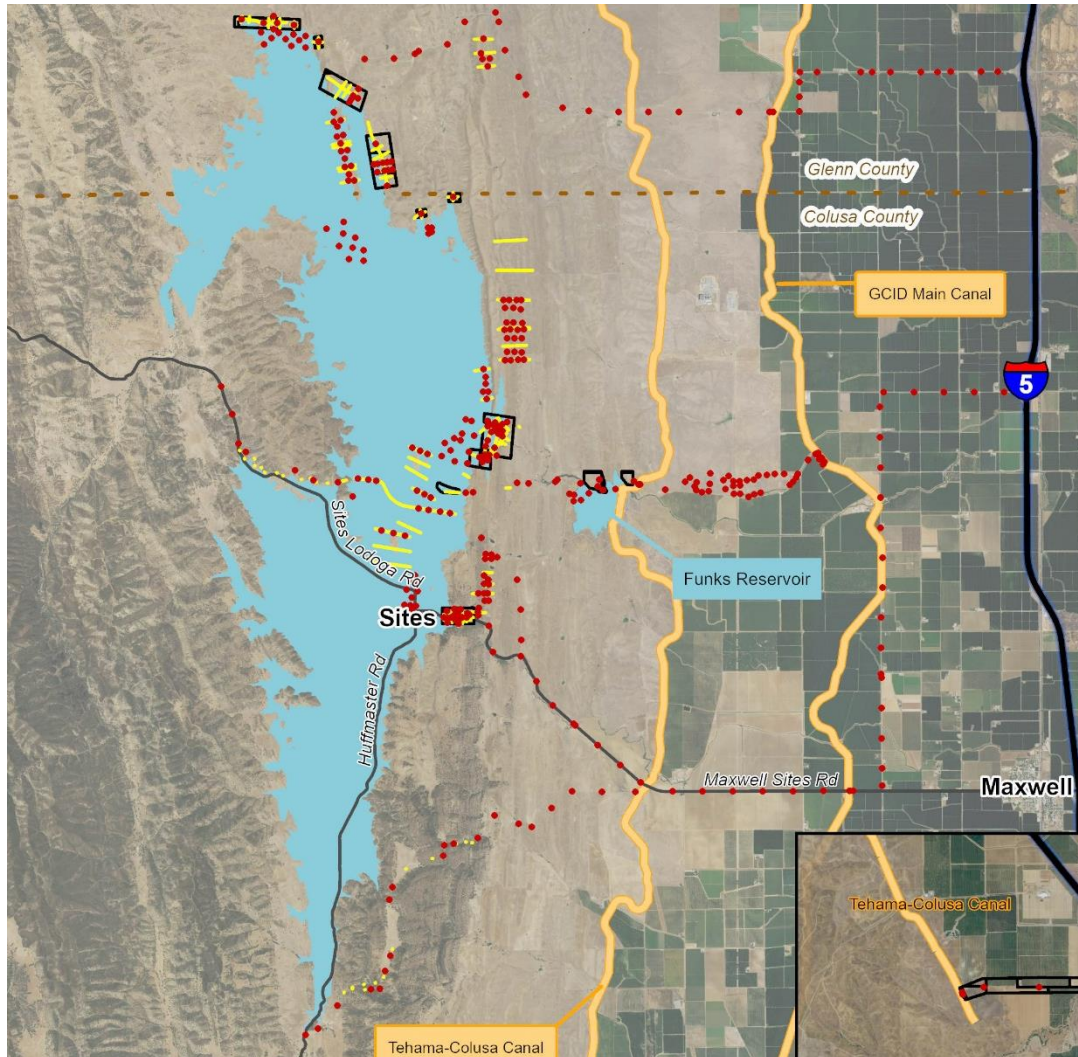
*For cash flow purposes, includes some carryover from previous periods

Cost Tradeoffs from Orig Work Plan

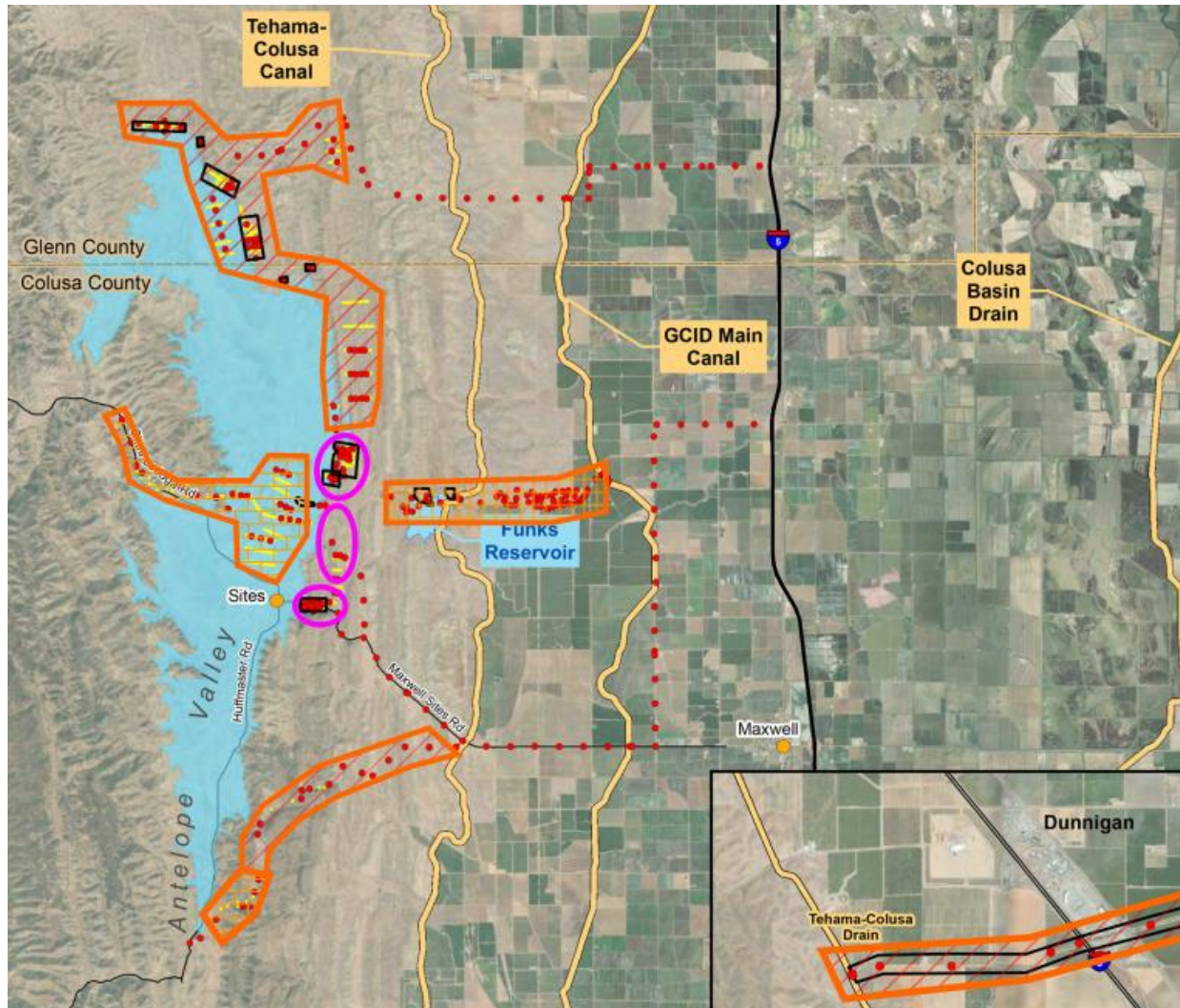
- Utilizing unallocated funds
- Shift to a more concentrated focus for Engineering & Geotech



Current Work Plan - Geotech Investigation Locations



Geotech Investigation Locations to be Deferred



Draft recommendation of budget principles based on schedule optimization efforts

- Workplan for 2024-2025 to align with ~\$77M revenue projection
- Complete required permits, agreements, and cost estimates to support signing Benefits and Obligations Contracts and financing by the end of 2025 (Highest Priority)
- Hire Reservoir Package CMAR and Mitigation Contractor early 2025
- Acquire property for Golden Gate Dam Foundation, Sites Dam Foundation, and Sites Lodoga Rd Detour sub-projects
- Focus on programmatic pre-construction requirements for Golden Gate Dam
- Commence Golden Gate Dam Project starting Jan 2024.
- Check-in to see if Sites Dam and/or Sites Lodoga Rd Detour Projects can be started mid-2024 based on budget forecasts.

Work Plan Update Requested Actions

- Four requested actions to be brought to the Board next month:
 - Amendment 3 Work Plan Priority Changes
 - Extension of Amendment 3 Period
 - Proposed 2024 Annual Budget
 - Proposed 2024 Cash Call Amount

Questions?



Thank you!

Bullpen

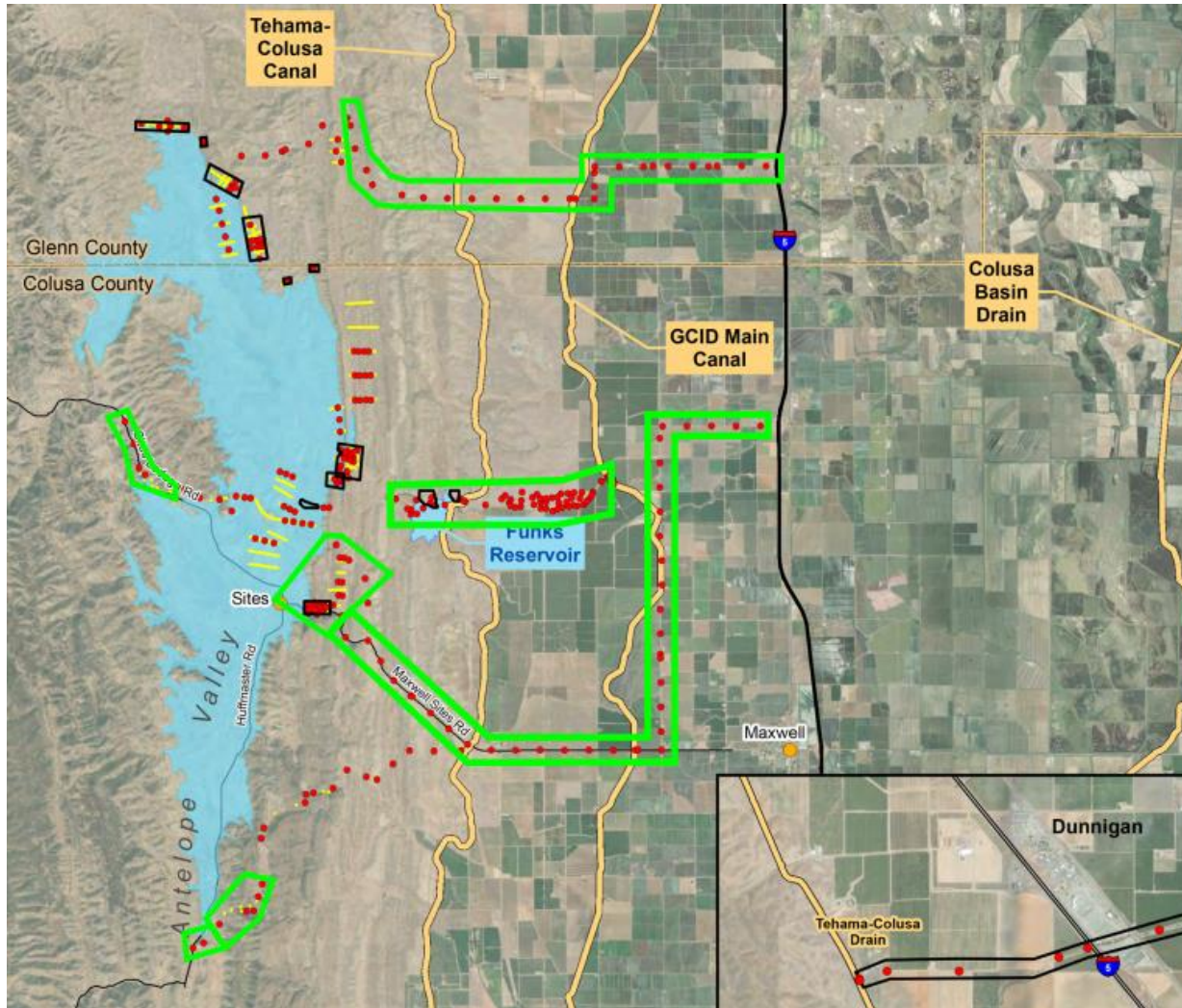


Amendment 3 Deliverables from Orig WP

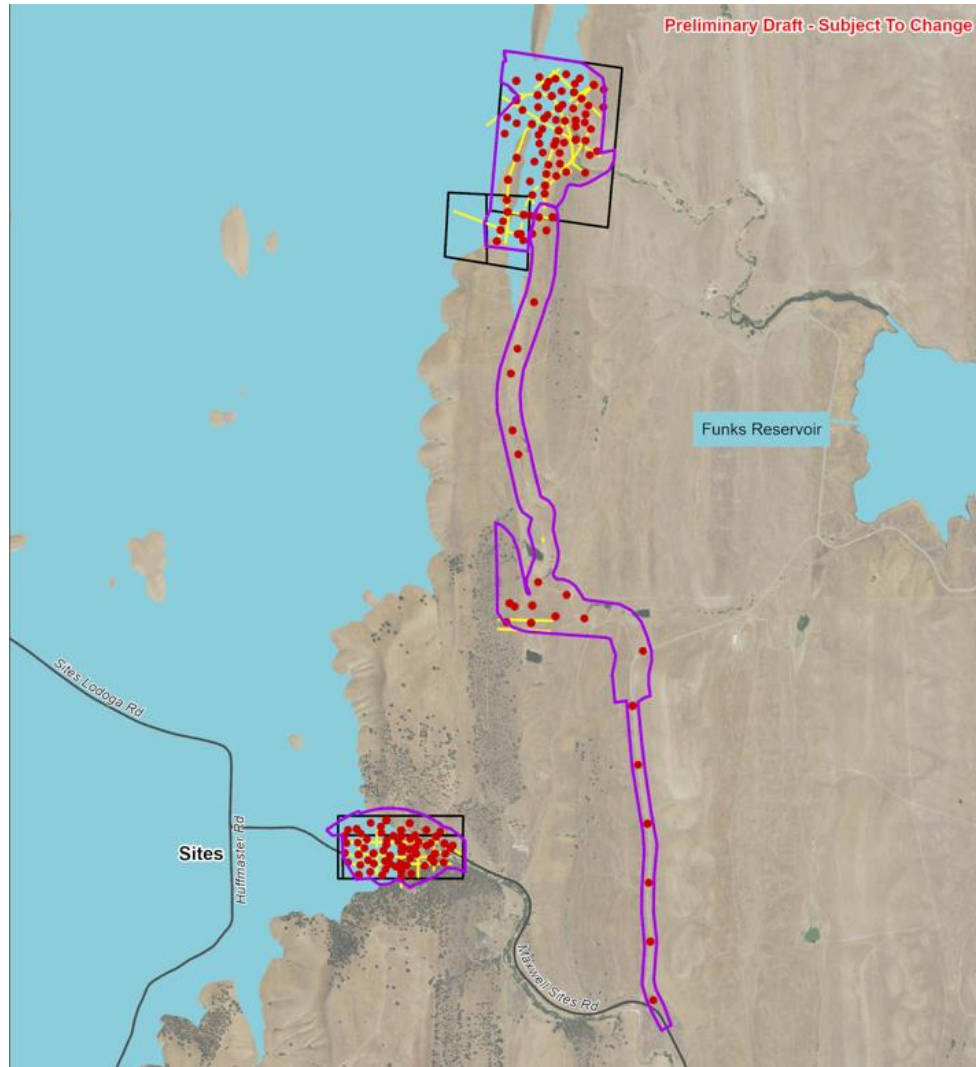
Table 1. Work Plan Key Deliverables

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<u>Engineering</u>	<u>Permitting</u>
Initiate Application for Permit to Construct from DSOD	Obtain Environmental Permits Required for WSIP Final Award
Advance Engineering of Project Feature Encroachments to 65% Design Level in Support of Permitting	Develop Mitigation Acquisition Master Plan
Determine Procurement and Delivery Strategy	Receive Water Right Order and Permit
Determine Overall Project Schedule	Obtain Local Agency Agreements and Permits
Preliminary Engineering (30% design level) and P1A/P1B Geotechnical Investigations	<u>Planning</u>
<u>Program Ops</u>	Complete Final EIR/EIS
Execute Benefits Contracts with DWR and CDFW	<u>Real Estate</u>
Secure Final Funding with CWC	Develop Land Acquisition Master Plan and ROW Manual
Execute Final Operations Agreement with Facility Partners, and Federal and State Agencies	Acquire Land (from willing sellers)
Secure Federal Funding	
Complete Loan Applications	
Determine Organization Structure	
Execute Benefits and Obligations Contracts	

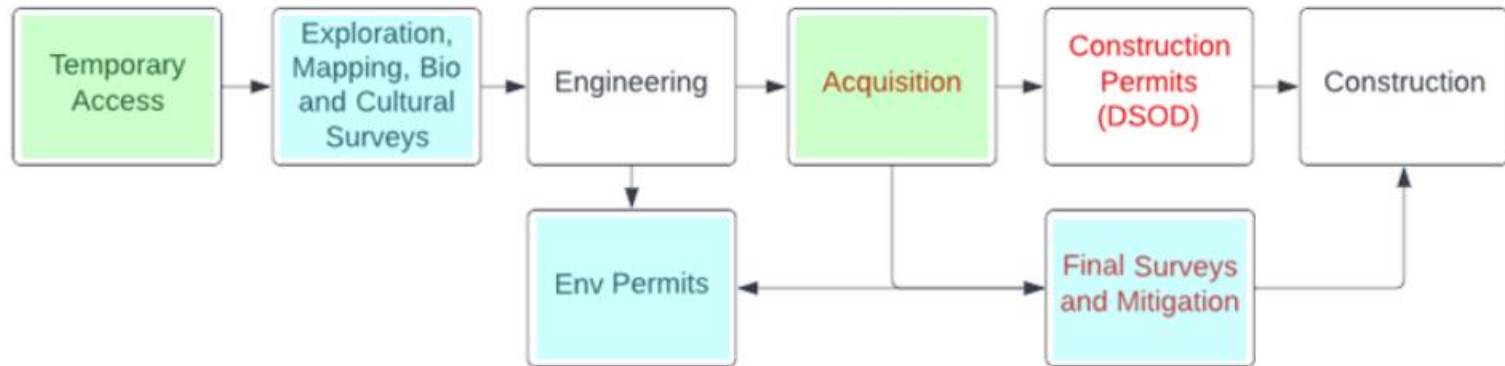
Where Geotech Investigation Have Started



Proposed Work Plan - Geotech Investigation Locations



Typical Project Sequence



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