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DEL PUERTO CANYON RESERVOIR	Progress Report No.: PR-31
DESIGN OF DAMS AND APPURTENANT STRUCTURES	Prepared by: G. Roussel
Reporting Period: November 30, 2024 through December 27, 2024	Date: 01/22/2025

ACTIVITIES DURING REPORTING PERIOD

Task 1 – Project Administration

- Prepared for and attended biweekly status meetings with Program Team, prepared meeting notes, and maintained action item list.
- Prepared progress report (including Earned Value Analysis) and submitted with invoice.
- Held weekly internal status meetings with TGP technical staff involved in the work to monitor progress and address issues, as necessary.
- Provided direction to TGP staff for prioritizing and re-scheduling activities and resolved logistics issues as they arose.
- Participated in coordination meetings with Program Team, TY Lin, PG&E, and Stantec.

Task 3 – Geotechnical Evaluation

- Continued laboratory testing on specimens from sonic borings.
- Investigated issue with malfunctioning datalogger at one of the piezometers.
- Finalized GDR and GIR based on comments from TRB and additional information gathered since final draft documents were submitted for TRB review, and submitted final documents to Partners and Program Team.
- In response to TRB comment, extracted discussion of Fault Rupture and Permanent Ground Displacement Hazard Assessment from GIR and started preparing separate Technical Memorandum on the subject.

Task 4 – Preliminary Design (30% Design)

- Continued analyses of seepage in Main Dam area, taking into account TRB comments.
- Started addressing TRB comments on preliminary design.

SIGNIFICANT ISSUES ENCOUNTERED / ADDRESSED

No new issues encountered.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD (thru January 24, 2025)

Task 1 – Project Administration

- Prepare for and attend biweekly status meetings with Program Team, prepare meeting notes, and maintain action item list.
- Monitor weekly progress and address issues, as necessary.
- Provide logistical direction to TGP Team as project needs and requirements evolve.
- Address special requests from Program Team.

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Task 3 – Geotechnical Evaluation

- Continue laboratory testing on specimen from sonic borings.
- Schedule site visit to repair datalogger at one of the piezometers and attempt to map surface expression of high permeability plane suspected to be present in strongly cemented conglomerate.

Task 4 – Preliminary Design (30% Design)

- Continue work on Technical Memorandum documenting Fault Rupture and Permanent Ground Displacement Hazard Assessment.
- Continue analyses of seepage in Main Dam area.
- Continue addressing TRB comments on preliminary design, including alternatives for outlet pipe to accommodate potential secondary fault displacement.

PROGRESS AND COST TO DATE

Work on the project is authorized by Task Orders that assign partial budgets to the various Tasks as the project progresses. The following table provides a summary of the cost and progress by Task for work authorized under Task Orders 01 & 03 to 05, as of December 27, 2024.

ACTIVITY	Estimate for Task Orders 01 & 03 to 05	Prior Billed (\$)	Current Billed (\$)	Total Billed (\$)	Remaining Budget (\$)	Percent Spent	Percent Complete
Task 1 - Project Administration	810,555	516,461	5,329	521,790	288,765	64.4%	78%
Task 3 - Geotechnical Evaluation	8,094,581	7,734,650	30,270	7,764,919	329,662	95.9%	98%
Task 4 - Preliminary (30%) Design	1,330,906	1,035,086	22,226	1,057,312	273,594	79.4%	64%
TOTAL	10,236,042	9,286,197	57,824	9,344,021	892,021	91.3%	91%

The results of the Earned Value Analysis (EVA) for the project as of December 27, 2024 are listed in the following table and are shown graphically on Figure 1. The latest planned value takes advantage of the savings that were achieved in the Phase 2 explorations and reallocates budgets to cover the cost of the CPTs and the sonic borings and complete some design analyses that were not previously authorized by Task Order 03, without the need for additional funding.

Actual Cost of Work Performed (ACWP)	Budgeted Cost of Work Performed (BCWP)	Budgeted Cost of Work Scheduled (BCWS)	Cost Variance (BCWP - ACWP)	Schedule Variance (BCWP - BCWS)
\$9,344,021	\$9,358,931	\$10,355,582	\$14,910	(\$996,652)

The EVA is based on an Estimate-to-Complete (ETC) by subtask and indicates that the work planned and currently underway will be completed within the budget authorized by Task Orders 01 & 03 to 05. This work includes, in addition to the CPTs and sonic borings already done:

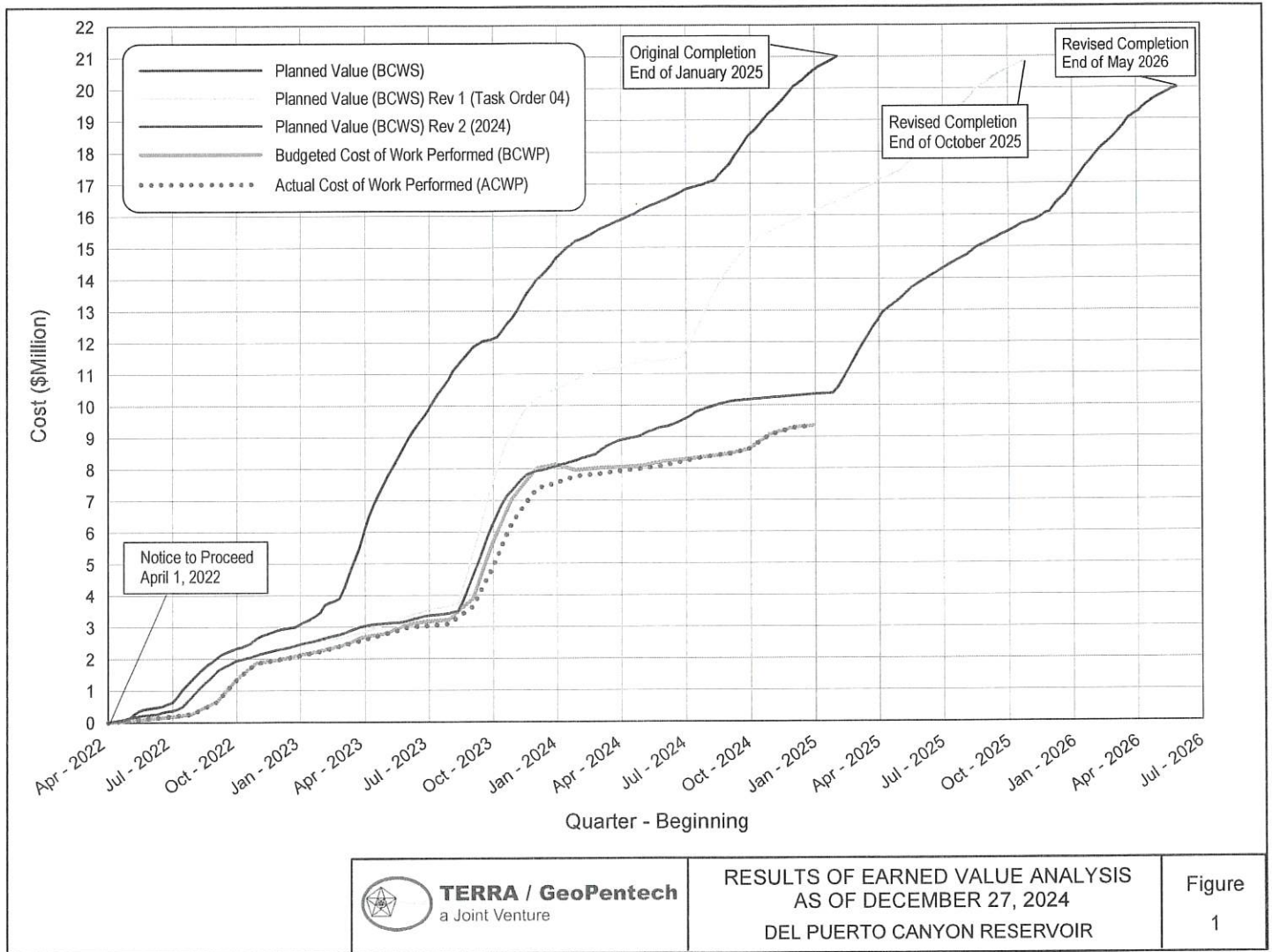
- Updating the GDR and GIR with the final data from laboratory tests currently underway and with the addition of a video file of the 3D subsurface model of the site prior to submittal to the Department of Safety of Dams (DSOD), along with technical memoranda on ground motion study, and fault hazard and potential secondary fault movement;

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- Addressing TRB comments on the preliminary design and updating the technical memorandum accordingly prior to submittal of a final draft document to DSOD;
- Updating the Design Criteria Memorandum for submittal to DSOD; and
- Completing drafts of design memoranda on Borrow Area Planning and Utilization; Embankment Cross Section and Zoning; Static Stability Analyses; and Seepage Analyses.

The Estimate at Completion (EAC) has not changed from the last progress report and we continue to estimate that the above activities will be completed with about \$100,000 left in the authorized budget, at which point we would consider evaluating the potential for sediment build up in the reservoir that is a concern for the revised Inlet/Outlet Structure with a single inlet at its base. Considering the work that remains to be done and the need to keep some budget for addressing DSOD comments on submitted documents, we estimate a new Task Order will be required to proceed in earnest with the 60% design in the Spring of 2025.

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RESULTS OF EARNED VALUE ANALYSIS
AS OF DECEMBER 27, 2024
DEL PUERTO CANYON RESERVOIR

Figure
1

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PROGRESS REPORT No. 13

DATE: February 4, 2025

TO:	Del Puerto Water District
ATTENTION:	Anthea Hansen
PROJECT:	Del Puerto Reservoir – Roadway – Task Order #1 Alternatives Analysis
FOR PERIOD:	December 1, 2024 to December 31, 2024
INVOICE NO.:	102501304
TYLI PROJECT NO.:	3010.0101183.000

I. Progress during This Period.

Task 5.2 Strategy Development to Facilitate Funding Positioning

- Coordinating the attendance of and developing the presentation materials (slide deck, visuals, etc.) for the Stanislaus County Board of Supervisors meeting.

II. Ongoing/Upcoming Tasks

Task 1.1 Project Work Plan

- No additional work anticipated.

Task 1.2 Contract Administration and Progress Reporting/Invoicing

- No additional work anticipated.

Task 1.3 CPM Project Schedule/Updates

- No additional work anticipated.

Task 1.4 Project Meetings

- No additional work anticipated.

Task 1.5 Coordination Meetings with Other Consultant Teams

- No additional work anticipated

Task 1.6 Stakeholder Meetings

- No additional work anticipated.

Task 1.7 Project Communication Plan

- No additional work anticipated.

Task 1.8 Risk Management Plan

- No additional work anticipated.

Task 1.9 QAQC Plan

- No additional work anticipated.

Task 1.10 Project History File/Record

- No additional work anticipated.

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Task 2.1.1 2019 EIR

- No additional work anticipated.

Task 2.1.2 Site Review & Reconnaissance

- No additional work anticipated.

Task 2.2 Confirm Project Goals, Criteria + Alternatives

- No additional work anticipated.

Task 2.3 Develop Data for Alternatives

- No additional work anticipated.

Task 3.1.1 Identify Initial Alternatives

- No additional work anticipated.

Task 3.1.2 Alternatives Screening Workshop

- No additional work anticipated.

Task 3.2.1 Further Development of Alternatives

- No additional work anticipated.

Task 3.2.2 Access Constructability

- No additional work anticipated.

Task 3.2.3 LOS Evaluation

- No additional work anticipated.

Task 3.2.4 Evacuation Analysis

- No additional work anticipated.

Task 3.2.5 Maintainability Assessment

- No additional work anticipated.

Task 3.2.6 Environmental & Cultural

- No additional work anticipated.

Task 3.2.7 Estimate Life Cycle Cost

- No additional work anticipated.

Task 3.2.8 Other Factors

- No additional work anticipated.

Task 3.2.9 Evaluate Geologic Conditions

- No additional work anticipated.

Task 3.2.10 Value Analysis/Engineering

- No additional work anticipated.

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Task 3.2.11 Preferred Alternative Selection Memo

- No additional work anticipated.

Task 5.1 Grant Funding Identification

- No additional work anticipated.

Task 5.2 Strategy Development to Facilitate Funding

- Ongoing funding discussions.

Task 5.3 Grant Application Preparation

- Time remains in this task to perform Grant Application once this opportunity presents itself.

Task 5.4 Preliminary Benefit-Cost Analysis

- Time remains in this task to perform BCA for federal grant once this opportunity presents itself.

III. Status of Near-Term Deliverables and Milestones

TASK	DELIVERABLE/MILESTONE	DUE DATE	STATUS
2.2	Detailed Alternative Geometric Exhibits	2/15/24	Completed
3.2.11	Preferred Alternative Screening Memo	5/14/24	Completed
3.2.10	VA Study Report	6/3/24	Completed

IV. Significant Technical Issues and Proposed Resolutions/Actions

ISSUE	PROPOSED RESOLUTION/ACTION	RESPONSIBLE	DUE DATE

V. Scope, Budget, and Schedule Issues and Proposed Resolutions/Actions

ISSUE	PROPOSED RESOLUTION/ACTION	RESPONSIBLE	DUE DATE

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VI. Attachments

- Invoice
- Current Project Schedule
- Additional Issue Documentation: _____

VII. Consultant Certification

The above information is accurate and complete to the best of my knowledge. Please contact me with any questions or comments.

Michael Pyrz, PE
Project Manager

2/4/2025

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TO:	Del Puerto Water District
ATTENTION:	Anthea Hansen
PROJECT:	Del Puerto Reservoir – Roadway – Task Order #3A Design Validation
FOR PERIOD:	December 1, 2024, to December 31, 2024
INVOICE NO.:	102501367
TYLI PROJECT NO.:	3010.0101183.002

I. Progress during This Period.

Task 1.2 Contract Administration + Progress Reporting

- Development of next task order, Task Order 3B (Preliminary design of the access roads).
- Developed progress report and invoice for Invoice #3 (October 1, 2024 – October 31, 2024)

Task 1.4 Project Kick-off + Bi-Weekly Project Management Team (PMT) Meetings

- Prepared agenda for and conducted Project Management Team meeting 12/2/24.
- Follow-Up related to topics discussed at bi-weekly progress meeting.
- Development of internal meeting notes and schedule updates resulting from bi-weekly progress meeting.

Task 1.5 Coordination Meetings with Other Consultant Teams

- Detailed discussions with TerraGeoPentech (Dam Geotech) and H&A (Roadway Geotech) in advance of early December initial discussion with PG&E. Discussed spillway tower/grading pad & conversations last held with PG&E.
- Touchpoint discussions with W&C and TGP to prepare for initial discussion with PG&E and Stantec to discuss design progress of the PG&E access roads.

Task 2.2 Design Validation

- Continued design of revised alignments, profiles, corridors and roadway design to accommodate the new tower locations and the grading pad considerations.
- Grading pad identification, layout and turning vehicle design.
- Production of design materials to present to PG&E/Stantec at initial coordination meeting.

Task 2.5 Develop Data for Preliminary Design

- Gathered data for the existing access road geometry to use in discussions with PG&E for possible design exceptions based on past design precedent.
- Evaluation of existing access road geometry for tie-in to proposed access road design.

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II. Ongoing/Upcoming Tasks

Task 1.1 Project Work Plan

- No work on this task in immediate future.

Task 1.2 Contract Administration + Progress Reporting

- No work on this task in immediate future.

Task 1.3 Critical Path Method (CPM) Project Schedule/Updates

- No work on this task in immediate future.

Task 1.4 Project Kick-off + Bi-Weekly Project Management Team (PMT) Meetings

- No work on this task in immediate future.

Task 1.5 Coordination Meetings with Other Consultant Teams

- No work on this task in immediate future.

Task 1.6 Risk Management Plan

- No work on this task in immediate future.

Task 1.7 Quality Assurance/Quality Control (QA/QC) Plan

- No work on this task in immediate future.

Task 1.8 Project History File/Record Management

- No work on this task in immediate future.

Task 2.1 Initial Data Review

- Continued processing of data received from dam team, environmental team, geotech, and county. GIS processing for implementation into CAD models.
- Coordination with the existing utility owners and compilation of existing utility CADD model.

Task 2.2 Design Validation

- Continued work on the design validation model for the estimation of probable construction cost and preliminary design.

Task 2.3 Site Visit & Reconnaissance

- Expected in late November/Early December.

Task 2.4 Confirm Project Goals and Criteria

- Technical Edit of the design criteria document for presentation to PG&E.
- Answering final design criteria questions and final input for document.

Task 2.5 Develop Data for Preliminary Design

- No work on this task in immediate future.

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III. Status of Near-Term Deliverables and Milestones

TASK	DELIVERABLE/MILESTONE	DUE DATE	STATUS

IV. Significant Technical Issues and Proposed Resolutions/Actions

ISSUE	PROPOSED RESOLUTION/ACTION	RESPONSIBLE	DUE DATE

V. Scope, Budget, and Schedule Issues and Proposed Resolutions/Actions

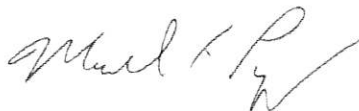
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Michael Pyrz, PE
Project Manager

2/4/2025

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TO:	Del Puerto Water District
ATTENTION:	Anthea Hansen
PROJECT:	Del Puerto Reservoir – Roadway – Task Order #2 -Relocation Prelim
FOR PERIOD:	December 1, 2024, to December 31, 2024
INVOICE NO.:	102501366
TYLI PROJECT NO.:	3010.0101183.001

I. Progress during This Period.

Task 1.2 Contract Administration + Progress Reporting

- Continued onboarding of subconsultants & subconsultant contracts (Westwood).
- Developed progress report and invoice for Invoice #4 (November 1, 2024 – November 30, 2024).

Task 1.4 Project Kick-off + Bi-Weekly Project Management Team (PMT) Meetings

- Prepared agenda for and conducted Project Management Team meeting 12/2/24.
- Follow-Up related to topics discussed at bi-weekly progress meeting.
- Development of internal meeting notes and schedule updates resulting from bi-weekly progress meeting.

Task 1.5 Coordination Meetings with Other Consultant Teams

- Touchpoint/reoccurring weekly coordination with W&C to discuss development of geotechnical workplan, exchange of preliminary design data, recently developed geotechnical considerations for preliminary design.
- Touchpoint/reoccurring bi-weekly coordination meetings with ICF & W&C to discuss environmental considerations for field activities.

Task 2.1 Data Review and Develop Data for Preliminary Design

- Continuing to coordinate with existing utility owners. Obtaining existing utility information, drafting the existing information into and existing utilities CADD model for future relocation/resolution.
- Processing of environmental GIS for incorporation into CADD model, ex. Biological mapping, plant/animal species, and water resources.
- Processing of environmental GIS shapefiles into visualization model to serve as conversation piece between Program elements and Stanislaus County.

Task 2.2 Value Analysis Study Implementation Evaluation

- VA implementation conversations with W&C/ICF related to environmental survey area and limits of construction for sub-alternatives to progress forward.

Task 3.1 Preliminary Design Report

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- Continued setup of the Preliminary Design Report, including:
 - Gathering of information required for the various narrative sections for the preliminary design report.
- Coordination between internal staff regarding which elements of preliminary design remain to be completed prior to finalization of report.
- Updating the report to reflect possible alterations to the alignment considering environmental impacts.

Task 4.1 35% Plans and Estimate of Cost

- The development of most 35% construction plan sheets, including:
 - Title Sheet
 - Typical Sections
 - Keyplan
 - General Notes and Legend
 - Alignment and Ties
 - Layout (Plan) Sheets
- The development of two additional roadway corridors:
 - Mitigated alternative- Developed to investigate the avoidance of elderberry bushes and intermittent stream.
 - Revised VA Alternative – Developed to take into account geotechnical/constructability recommendations.
- Development of detailed cost estimates for the newly investigated sub-alternatives for investigation to determine the feasibility of proceeding with a mitigated alternative.

Task 4.3 Roadway Relocation Data Development to Support EIR/EIS for CEQA/NEPA

- Work and coordination with W&C to answer EIS/EIR questions related to roadway alternative geometry.

II. Ongoing/Upcoming Tasks

Task 1.1 Project Work Plan

- No work on this task in immediate future.

Task 1.2 Contract Administration + Progress Reporting

- Continue to invoice & provide progress reports monthly

Task 1.3 Critical Path Method (CPM) Project Schedule/Updates

- No work on this task in immediate future.

Task 1.4 Project Kick-off + Bi-Weekly Project Management Team (PMT) Meetings

- Continue to coordinate with Project partners and Program Manger at bi-weekly progress calls.

Task 1.5 Coordination Meetings with Other Consultant Teams

- No work on this task in immediate future.

Task 1.6 Stakeholder Meetings

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- No work on this task in immediate future.

Task 1.7 Risk Management Plan

- No work on this task in immediate future.

Task 1.8 Quality Assurance/Quality Control (QA/QC) Plan

- No work on this task in immediate future.

Task 1.9 Project History File/Record Management

- No work on this task in immediate future.

Task 2.1 Data Review and Develop Data for Preliminary Design

- Continued processing of data received from dam team, environmental team, geotech, and county. GIS processing for implementation into CAD models.
- Coordination with the existing utility owners and compilation of existing utility CADD model.

Task 2.2 Value Analysis Study Implementation Evaluation

- Present the findings of the VA study and identify which alternatives have been implemented into design.

Task 2.3 Site Visit & Reconnaissance

- Site visit expected in November/December.

Task 2.4 Basis of Design (Further Development)

- Continue to develop basis of design document.

Task 2.5 Field Investigations

- No work on this task in immediate future.

Task 3.1 Project Report Equivalent (PR-E)

- Continued with the advancement of the preliminary design project report and the associated engineering.

Task 3.2 Draft Hydrology and Hydraulic Report

- No work on this task in immediate future.

Task 3.3 Draft Stormwater Management Plan

- No work on this task in immediate future.

Task 3.4 Earth Retaining Structures – Type Selection Phase

- No work on this task in immediate future.

Task 3.5 Geotechnical Studies/Reports

- No work on this task in immediate future.

Task 4.1 Preliminary Design (35% Plans and Opinion of Probable Construction Cost)



- Continue for the advancement of the design plans for 35%.

Task 4.2 Assess Constructability

- No work on this task in immediate future.

Task 4.3 Roadway Relocation Data Development to Support EIR/EIS for CEQA/NEPA

- No work on this task in immediate future.

Task 4.4 Non-Motorized/Recreational Concept Development

- No work on this task in immediate future.

Task 4.5 QC Review

- No work on this task in immediate future.

Task 4.6 Respond to 35% Comments

- No work on this task in immediate future.

Task 5.1 Continue Grant Funding Identification

- No work on this task in immediate future.

Task 5.2 Continue Strategy Development to Facilitate Funding Positioning

- No work on this task in immediate future.

III. Status of Near-Term Deliverables and Milestones

TASK	DELIVERABLE/MILESTONE	DUE DATE	STATUS

IV. Significant Technical Issues and Proposed Resolutions/Actions

ISSUE	PROPOSED RESOLUTION/ACTION	RESPONSIBLE	DUE DATE

V. Scope, Budget, and Schedule Issues and Proposed Resolutions/Actions

ISSUE	PROPOSED RESOLUTION/ACTION	RESPONSIBLE	DUE DATE

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VI. Attachments

- Invoice
- Current Project Schedule
- Additional Issue Documentation: _____

VII. Consultant Certification

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Michael Pyrz, PE
Project Manager

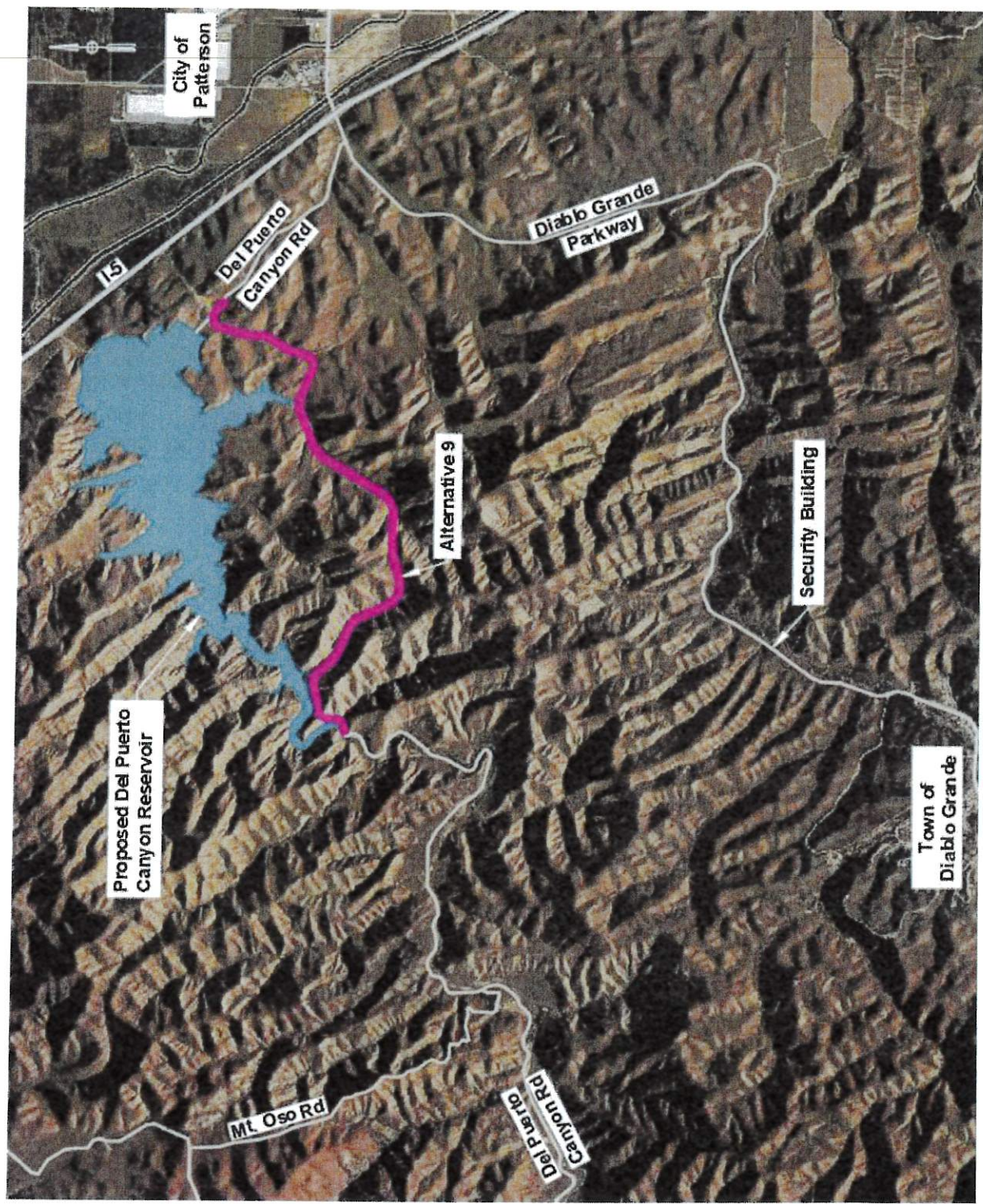
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Roadway Relocation

Preferred Alternative:




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Table 8. Summary of Screening Data for Alternative 9

DELPUERTO CANYON ROAD REALIGNMENT ALTERNATIVES EVALUATION			
Screening Criteria		Criteria Identifier	Alternative 9
Drainage and Stormwater	No. of Culverts	M-1	14
	Culvert Size	Not Applicable	Range: 24" RCP to 8'x6' RCB
	Culvert Length (FT)	M-1	3,319
Area of Bridge Deck (SF)		M-2	0
Stormwater Permanent BMP Cost		M-3	\$899,000.00
Distance Inland (MI) From DPCR/DGP Intersection		M-4	6.9
Rockslide Susceptibility Length (FT)		M-5	See Appx. 3, Table 11A
Overside Drain Daylight Locations		M-6	12
Area of Cut/Fill Slopes Outside of County Std 80' Wide ROW (AC)		M-7	81
Utility Conflicts	Linear Conflicts (FT)	C-1	0
	No. Crossing Conflicts		3
No. Construction Access Points		C-2	2
No. of Severance Locations		C-3	0
Average Distance to Stockpiles (MI)		C-4	4.5
Distance to Water Source (FT)		C-5	11,000
No. of Potential Permits		C-6	8
Total Construction Time (Months)		C-7	44
Usage of Ex. Roadways	Avg. Haul Distance (FT)	Not Applicable	4,826
	Construction Time (HR) / Haul Distance (FT)	C-8	7.57
Length of Road (MI)		T-1	3.9
Total Area of Walls (SF)		T-2	0
Earthwork	Engineered Fill (CY)	T-3	See Appx. 3, Table 11B
	Cut (CY)	T-4	4,937,000
	Fill (CY)	T-4	4,937,000
	Net (CY)	T-5	0
Increase In Travel Time (MIN)		T-6	-0.24
Soil Disturbance Area (AC)		Not Applicable	119
Land Acquisition (AC)		R-1	38
Construction Easement Area (AC)		R-2	81
No. of Property Owners Impacted		R-3	1
Land Use Designation		Not Applicable	General Agriculture
Impact to Highly Desirable Land Use Designations (AC)		R-4	0
No. of Parcels That Would Lose Williamson Act Status due to Project Land		R-5	0
Existing Environmental Impacts	Cultural Impacts	EC-1	See Appx. 1, Table 9
	BIO-TERR-2 Impacts	EC-2	See Appx. 1, Table 6
	BIO-TERR-3 Impacts	EC-3	See Appx. 1, Table 6
	BIO-TERR-4 Impacts	EC-4	See Appx. 1, Table 6
	BIO-TERR-5 Impacts	EC-5	See Appx. 1, Table 6
	BIO-FISH-1 Impacts	EC-6	See Appx. 1, Table 6
New Environmental Impacts	Increase in VMTs (Increase in GHGs)	EC-7	0
	Additional New Environmental Impacts	EC-8	See Appx. 2, Table 1-1
Estimate of Capital Cost		CT-1	\$110,552,000.00
Estimate of Lifecycle Cost (Pavement Costs Only)		CT-2	\$71,607,000.00
Distance to Second Point of Redundant Access (FT)		CB-1	4.80
Community Benefits	Multi-Modal Connectivity	CB-2	See Appx. 4, Figure 14
	Recreation Opportunities	CB-3	See Appx. 4, Figure 14
Alignment Location Map			

SCORING ALTERNATIVES/RESULTS

Table 9 and Figure 5 summarize the results from scoring the alternatives using the screening criteria presented in Table 3. A score of 1 to 5, with the most favorable comparable criteria scoring the highest (5) and the least favorable comparable criteria scoring the lowest (1), was calculated for each criterion (in each category) based on the relative performance of each alternative against other alternatives. A weighting multiplier was applied separately after the calculation described below. Refer to the Screening Criteria Weighting section below for additional information.

Scoring Normalization

The function used to calculate the score for each criterion is as follows:

$$\text{Score} = n - \frac{(\text{Current Alt Value} - \text{Lowest Alt Value})}{((\text{Highest Alt Value} - \text{Lowest Alt Value})/n - 1)}$$

$n = \text{Scoring Range Interval (Use 5)}$

In the division, the denominator calculates the amount of each criterion measure (e.g., number of acres, cubic yards of earthwork, etc.) that each point is worth for the criterion being scored, and the numerator calculates the difference of the current alternative value from the lowest alternative value. For each criterion, low values are more favorable than high values (e.g., lower acres of acquisition, lower cubic yards of earthwork, etc.). The larger the numerator, the further the current alternative value is from the lowest (best) value, which results in more points being subtracted from the high score of five. Fractional scores were rounded to the nearest whole number. A separate verification was performed using non-rounded scores, and it was confirmed that the outcome of the analysis would be the same.

To illustrate the use of the function above, we use the scoring for roadway length as an example. The longest alternative is Alternative 1 (at 4.7 miles) and the shortest is Alternative 6 (at 2.8 miles). The function above should yield a score of 1 for Alternative 1 and a score of 5 for Alternative 6. We could also apply the function to Alternative 9 for an intermediate result.

The score calculations would go as follows:

$$\text{Alt 1 Score} = 5 - \frac{(4.7 \text{ miles} - 2.8 \text{ miles})}{\left(\frac{4.7 \text{ miles} - 2.8 \text{ miles}}{4}\right)} = 1$$

$$\text{Alt 6 Score} = 5 - \frac{(2.8 \text{ miles} - 2.8 \text{ miles})}{\left(\frac{4.7 \text{ miles} - 2.4 \text{ miles}}{4}\right)} = 5$$

$$\text{Alt 9 Score} = 5 - \frac{(3.9 \text{ miles} - 2.8 \text{ miles})}{\left(\frac{4.7 \text{ miles} - 2.8 \text{ miles}}{4}\right)} = 2.68 \text{ (rounded to 3)}$$

Screening Criteria Weighting

Following the initial identification of alternatives screening criteria (Design Criteria Technical Memorandum [December 5, 2023]) and throughout the course of the alternatives analysis process, it became clear that select screening criteria represented a disproportionate importance for the success of the Project. To capture the principal concerns and considerations of the PMT and key stakeholders, a weighting system for alternatives scoring has been introduced, as represented by the Weight column in Table 9.

Three levels of category weights have been introduced:

- 2 – Significant importance, critical for project success
- 1.5 – Higher than standard level of importance; however, not critical for project success
- 1 – Standard level of importance for project success

In general, criteria that represent introducing new environmental impacts (EC-7 and EC-8) or either negatively impacting the community (C-3, T-6, R-3) or failing to provide the community with the highest benefit (CB-1, CB-2, CB-3) were the target candidates for an increase in weighting.

In addition, through discussions with the County, a high importance was placed on several maintenance-related criteria. These specific concerns for the County are represented by criteria M-1, M-4, M-5, M-6, and C-8. To fully capture the priorities of the County, an increased weighting of 1.5 was introduced for these criteria.

The score of each category is the sum of the scores for all criteria within a category, and the total score is the sum of the scores for all categories, with the best possible total score being 252.5.

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Table 9. Alternatives Scores by Category

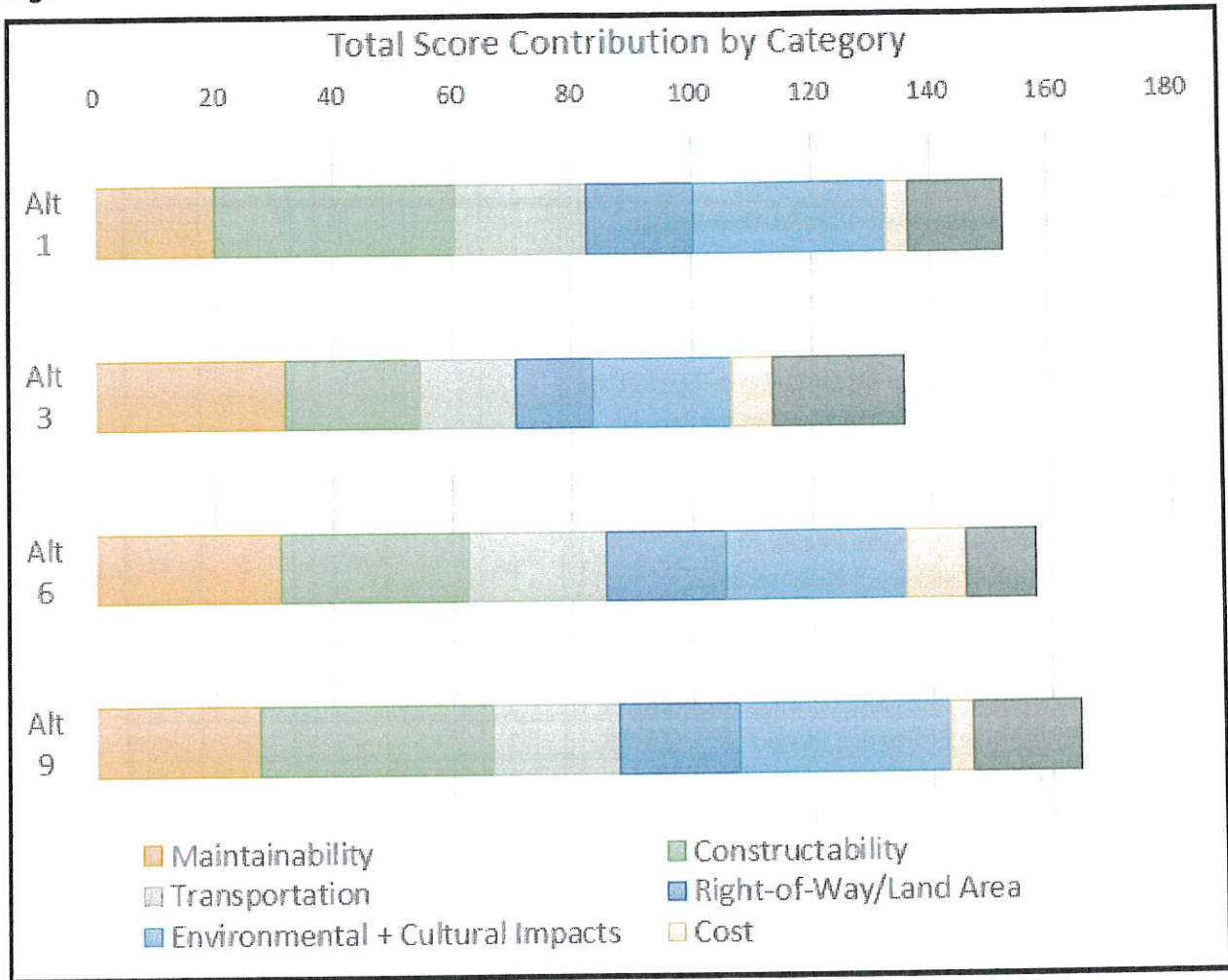
Identifier	Screening Criteria	Weight	Weighted Criteria Scores			
			Alt 1	Alt 3	Alt 6	Alt 9
M-1	Minimize Number of Culverts and Culvert Length	1.5	4.5	7.5	3	7.5
M-2	Minimize Total Area of Bridge Deck	1	3	3	3	3
M-3	Minimize Number of Permanent BMPs	1	1	2	5	1
M-4	Minimize Maintenance of Traffic Requirements	1.5	7.5	1.5	3	7.5
M-5	Minimize Rockslide Conditions	1.5	1.5	7.5	6	1.5
M-6	Minimize Erosion Occurrences Occurred at Overside Drain Daylight Points	1.5	1.5	7.5	6	6
M-7	Reduce Overall Length of Tie-in Cut/Fill Slopes	1	1	3	5	1
Maintainability			20	32	31	27.5
C-1	Minimize Existing Utility Conflicts	1	3	3	5	3
C-2	Minimize Construction Access Points	1	3	3	3	3
C-3	Minimize Severance	2	10	2	2	10
C-4	Minimize Haul Distance to Stockpiles	1	5	1	2	5
C-5	Minimize Distance to Construction Water	1.5	7.5	1.5	3	7.5
C-6	Minimize Permitting Requirements	1	3	3	3	3
C-7	Minimize Total Construction Time To Complete Roadway Relocation	1.5	7.5	3	6	1.5
C-8	Minimize Usage of Existing Roadway to Remain as Haul Route During Construction	1.5	1.5	6	7.5	6
Constructability			40.5	22.5	31.5	39
T-1	Minimize Total Length of Roadway	1	1	2	5	3
T-2	Minimize Total Area of Walls	1	3	3	3	3
T-3	Minimize Engineered Fill Systems	1	1	3	5	1
T-4	Minimize Total Volume of Earthwork	1	4	3	5	1
T-5	Minimize Excess Cut-and-Fill	1	3	3	3	3
T-6	Minimize Increase in Travel Time	2	10	2	2	10
Transportation			22	16	23	21

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R-1	Minimize ROW/Land Acquisition Area	1	1	2	5	3
R-2	Minimize Construction Easement Area	1	1	3	5	1
R-3	Minimize Number of Property Owners Impacted	2	10	2	4	10
R-4	Reduce Impact to More Highly Desirable Land Use Designation Areas	1	3	3	3	3
R-5	Avoid Impacts to Parcels That Would Incur Loss of Williamson Act Status (Nonprime Agricultural Area to Not Fall Below 40 Acres per Parcel) or Loss of Status to Other Contract Land Contracted Through the California Department of Conservation	1	3	3	3	3
Right-of-Way/Land Area			18	13	20	20
EC-1	Minimize Physical Impacts to Cultural/Historical Landmarks	1	1	2	5	4
EC-2	Minimize Biological Impact BIO-TERR-2	1	1	5	5	5
EC-3	Minimize Biological Impact BIO-TERR-3	1	5	2	1	1
EC-4	Minimize Biological Impact BIO-TERR-4	1	1	4	5	4
EC-5	Minimize Biological Impact BIO-TERR-5	1	3	1	5	4
EC-6	Minimize Biological Impact BIO-FISH-1	1	1	5	3	1
EC-7	Maximize Reduction of Greenhouse Gases By Reduction in VMT	2	10	2	2	10
EC-8	Minimize Introducing New Environmental Impacts (Others Beyond 2019 EIR)	2	10	2	4	6
Environmental + Cultural Impacts			32	23	30	35
CT-1	Minimize Capital Costs	1	3	3	5	1
CT-2	Minimize Lifecycle Costs	1	1	4	5	3
Cost			4	7	10	4
CB-1	Minimize Distance to Redundant Access Points	2	2	10	8	2
CB-2	Maximize Multi-Modal Connectivity	2	4	4	2	10
CB-3	Maximize Recreation Opportunities	2	10	8	2	6
Community Benefits			16	22	12	18
Total (Perfect Score = 252.5)			153	135.5	157.5	165

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Figure 5. Total Alternatives Score Contribution by Category



Conclusions and Next Steps

Based on the results of the detailed screening, the TYLin team recommends that Alternative 9 (see Figure 6) be advanced to preliminary design as the preferred alternative. Alternative 9 was advanced based on having the highest scores in the environmental category; by minimizing the existing impacts found present in the 2020 EIR; and by minimizing new impacts, principally avoiding any increase to greenhouse gases. Alternative 9 also performs well in the Maintainability, Constructability, Transportation, and Community Benefits categories. The only category in which Alternative 9 trails the other alternatives is Cost.

Alternative 6 was the second highest scoring alternative, largely based on its shortest roadway length and resultant smallest limits of construction. The smaller limits of construction led to higher scores in criteria related to land area such as earthwork, land acquisition, and minimizing existing impacts found present in the 2020 EIR. Where Alternative 6 scored lower was in traffic-related criteria exemplified by its increase in travel time and increase in VMTs leading to higher greenhouse gas emissions.

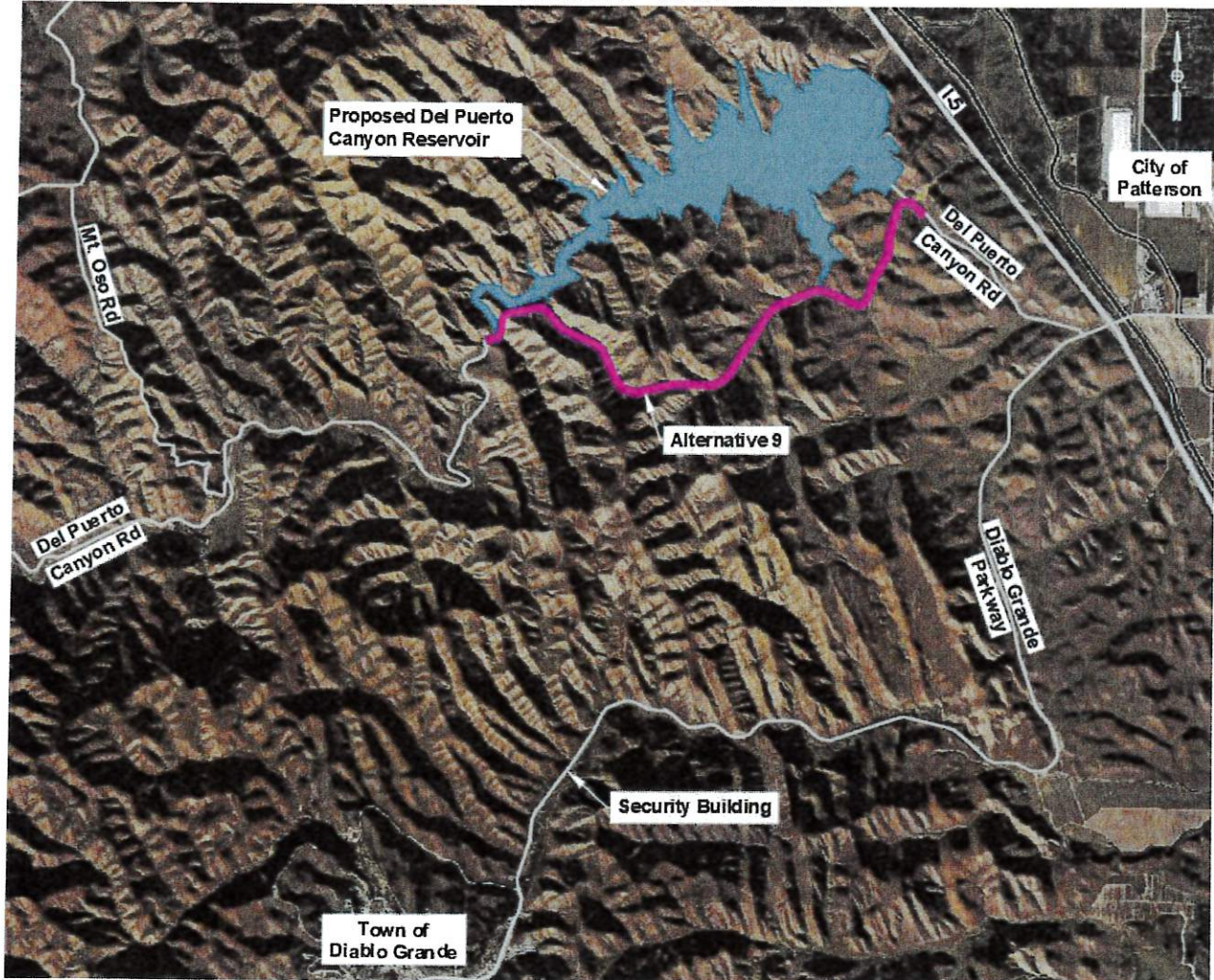
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Alternative 1 received the third highest scoring and trailed the other alternatives in most categories, largely due to it being the longest alternative. The length in roadway and thus large limits of construction increased the various impacts, which proved to be too large of a disadvantage to overcome. The only category where Alternative 1 produced the highest scores was the constructability category. Since this alternative would have been in proximity to the I-5 interchange and exhibits an alternating cut-and-fill grading pattern, and therefore a shorter average haul distance, this alternative could be constructed in the quickest time.

Alternative 3 was the lowest scorer. This alternative experienced the same scoring shortfalls as Alternative 6 when it came to environmental and traffic-related impacts. However, it was unable to make up for these issues as much as Alternative 6 due to its longer roadway length and larger limits of construction.

The analyses developed as a part of this alternatives analysis study will be provided to the Program Manager for their use to inform the Project Environmental Impact Statement/Environmental Impact Report.

Figure 6. Recommended Preferred Alternative – Alternative 9



Red

AVAILABLE FROM THE CLERK
Alternative Analysis Appendices for the
Del Puerto Canyon Reservoir Project



X B

BOARD OF SUPERVISORS

Buck Condit, District 1
Vito Chiesa, District 2
Terry Withrow, District 3
Mani Grewal, District 4
Chance Condit, District 5

1010 10th Street
Modesto, CA 95354
Phone: 209-525-4494 Fax 209-525-4420

AGENDA

February 4, 2025

9:00 AM

Chambers - Basement Level

1010 10th Street

Modesto, CA 95354

www.stancounty.com/board/index.shtm

The Board of Supervisors welcomes you to its meetings which are regularly held each Tuesday, and your interest is encouraged and appreciated.

PUBLIC COMMENT PERIOD: Matters under the jurisdiction of the Board, and not on the posted agenda, may be addressed by the general public at the beginning of the regular agenda and any off-agenda matters before the Board for consideration. However, California law prohibits the Board from taking action on any matter which is not on the posted agenda unless it is determined to be an emergency by the Board of Supervisors. Any member of the public wishing to address the Board during the "Public Comment" period shall be permitted to be heard once for up to 5 minutes unless the Chairperson of the Board sets a different time limit. Please complete a Public Comment Form and give it to the Clerk of the Board. If you would like to provide a written comment, please email your comment to the Clerk of the Board at cobsupport@stancounty.com by 4:00 p.m. on Monday, the day before the meeting, and include the Agenda Item Number or Public Comment Period in the subject line of the email. Your written comment will be distributed to the Board of Supervisors and kept on file as part of the official record of the Board meeting.

The agenda is divided into two sections:

CONSENT ITEMS: These matters include routine financial and administrative actions. All consent items will be voted on as a single action at the beginning of the meeting under the section titled "Consent Items" without discussion. If you wish to discuss a consent item, please notify the Clerk of the Board prior to the beginning of the meeting or you may speak about the item during Public Comment Period.

DISCUSSION ITEMS: These items will be individually discussed.

CLOSED SESSION: Is the portion of the meeting conducted in private without the attendance of the public or press to discuss certain confidential matters specifically permitted by the Brown Act. The public will be provided an opportunity to comment on any matter to be considered in closed session prior to the Board adjourning into closed session.

ANY MEMBER OF THE AUDIENCE DESIRING TO ADDRESS THE BOARD ON A MATTER ON THE AGENDA: Please raise your hand or step to the podium at the time the item is announced by the Board Chairperson. In order that interested parties have an opportunity to speak, any person addressing the Board will be limited to a maximum of 5 minutes unless the Chairperson of the Board sets a different time limit.

BOARD AGENDAS AND MINUTES: Board agendas, Minutes, and copies of items to be considered by the Board of Supervisors are typically posted on the Internet on Friday afternoons preceding a Tuesday meeting at the following website: www.stancounty.com/bos/agenda-minutes.shtm.

Materials related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available for public inspection in the Clerk's office at 1010 10th Street, Suite 6700, Modesto, CA during normal business hours. Such documents are also available online, subject to staff's ability to post the documents before the meeting, at the following website www.stancounty.com/bos/agenda-minutes.shtm.

AUDIO/VIDEO BROADCAST: All Board meetings are normally broadcast live and replayed on local cable television. A list of cable channels and broadcast times are available at the following website: www.stancounty.com/board/broadcasting-schedule.shtm. In addition, a live audio/video broadcast of this meeting can be heard/seen online at: www.stancounty.com/bos/board-video.shtm or at <http://stancounty.com/bos/youtube>.

NOTICE REGARDING NON-ENGLISH SPEAKERS: Board of Supervisors meetings are conducted in English. Language assistance request should be made by noon the day before the meeting by contacting the Clerk at 209-525-4494.

REASONABLE ACCOMMODATIONS: In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board at (209) 525-4494. Notification 72 hours prior to the meeting will enable the County to make reasonable arrangements to ensure accessibility to this meeting.

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1. Pledge Allegiance to the Flag
2. Invocation
3. Presentation: February 2025 as Black History Month in Stanislaus County
4. Public Comment Period
5. Consent Calendar
 - A. Miscellaneous
 1. Approval of the Minutes for January 28, 2025 ([View Item](#))
 2. Approval to Appoint Navneet Malhi to the In-Home Supportive Services Advisory Committee ([View Item](#))
 3. Approval to Appoint Erika Angel, Sam Romeo, William Kelly, and Steven Stevenson to the Stanislaus County Workforce Development Board ([View Item](#))
 4. Approval to Appoint Supervisor Buck Condit to the Local Remote Access Network Board ([View Item](#))
 5. Approval to Appoint Joseph Bricchetto to the Stanislaus County Planning Commission ([View Item](#))
 6. Approval of the Amended Conflict of Interest Code for the Stanislaus Animal Services Agency ([View Item](#))
 - B. Chief Executive Office
 1. Approval to Increase the General Services Agency Capital Facilities Budget by \$310,590 for Savings in Prior Year Appropriations Dedicated to Ongoing Programs and Projects – General Services Agency ([View Item](#))
 2. Approval to Award a Construction Contract with Quality Well Drillers, Inc. for the Modesto Reservoir Potable Water West Well Project in the Amount of \$462,763, and Related Matters – Parks and Recreation ([View Item](#))
 3. Approval to use Public Facilities Fees in the Amount of \$512,400 and Increase the Bonita Pool Project Budget by \$712,400 – General Services Agency ([View Item](#))
 4. Approval to Exercise the First Option to Renew the Grazing Lease with Clarot Farms and Extend the Grazing Lease by an Additional Five Years – Environmental Resources ([View Item](#))
 5. Approval to Amend the Stanislaus County Commission on Aging Bylaws – Aging and Veteran Services ([View Item](#))
 6. Approval of the Amended and Restated Cost Sharing Agreement for Delta-Mendota Subbasin Coordination and the Third Amendment to the Northern Delta-Mendota Region Sustainable Groundwater Management Act Services Activity Agreement and Consent of Sustainable Groundwater Management Act Services Activity Agreement Participants – Environmental Resources ([View Item](#))
 7. Approval of the 2025-2030 Stanislaus County Library Strategic Plan – Library ([View Item](#))
 8. Acceptance of the Stanislaus County Treasury Pool November 2024 Monthly Investment Report – Treasurer / Tax Collector ([View Item](#))

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- 9. Approval to Authorize the Health Services Agency to Prepare for an Expansion of its Scope of Services to Include Enhanced Care Management Under the State's California Advancing and Innovating Medi-Cal Transformation Initiative; and Related Actions – Health Services Agency ([View Item](#))
- 10. Approval of Staffing Recommendations for the Public Defender's Office and to Amend the Salary and Position Allocation Resolution – Public Defender ([View Item](#))
- 11. Approval of the Fiscal Year 2025 Budget Adjustment for the Community Services Agency to Recognize Growth in the General Assistance Program Funded by Savings in Program Services and Support – Community Services Agency ([View Item](#))
- 12. Approval to Adopt Resolutions to Establish the Authorized Agents to Apply for Emergency Management Performance Grants for Fiscal Year 2024 and Homeland Security Grants for Fiscal Year 2025; Adopt Resolutions to Establish New Authorized Agents to Modify and Administer Emergency Management Performance Grants for Fiscal Years 2022 and 2023 and Homeland Security Grants for Fiscal Years 2023 and 2024 – Office of Emergency Services/Fire Warden ([View Item](#))
- 13. Approval of Stanislaus County Department Business Hours for the Transaction of Business – Chief Executive Office ([View Item](#))

C. Department of Public Works

- 1. Approval of the Calendar Year 2023 and 2024 Annual Report of Real Property Purchases Made by the Director of Public Works Valued Under \$50,000 as Authorized in Stanislaus County Code Section 13.08.070 ([View Item](#))
- 2. Approval to Increase the Project Construction Budget for the Orchard Removal Project for the North County Corridor and Approval of Contract Change Orders to the Construction Agreement with Midland ([View Item](#))

D. Department of Planning and Community Development

E. County Counsel

6. Public Hearings

- 1. Public Hearing to Consider Approval of the Recommended Capital Improvement Plan for Fiscal Years 2025-2029 – General Services Agency ([View Item](#))

7. Discussion Items

- 1. Approval to Recommend the Relocation of Del Puerto Canyon Road to Route Alternative 9 and Direct Public Works Staff to Continue Coordination of Route Relocation Development with the Del Puerto Water District – Public Works ([View Item](#)) *
- 2. Acceptance of an Update on Emergency Dispatch Call Processing in Stanislaus County and Stanislaus Regional 911's Computer Aided Dispatch System Project – Stanislaus Regional 911 ([View Item](#)) 144

- 8. Correspondence
 - 1. This Board has received a notification letter from the Del Puerto Water District regarding the resignation of James Jasper from their Board of Directors. (Recommendation: Acknowledge receipt of letter.) ([View Item](#))
 - 2. This Board has received the following claims: Kanwaljeet Singh; Paul Stephen Brown; Julio Cesar Acosta; X.N. by and through Corina Neito; and, Donna Cortes. (Recommendation: Acknowledge receipt of claims and refer to the Office of County Counsel.)
- 9. Board of Supervisors' Reports
- 10. Legislative, Fiscal and Management Report - Chief Executive Officer
- 11. Adjournment
- 12. Closed Session: Conference with Legal Counsel - Existing Litigation: Pursuant to Government Code Section 54956.9 (d)(1). Two Cases: Estate of Carson et al v County of Stanislaus et al, US District Court Eastern District Case No. 1:20-CV[1]00747-TLN-BAM; and, County of Stanislaus v. Anthony Rodin, et al., Stanislaus County Superior Court, Case No. CV-24-000127.

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**THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
AGENDA ITEM**

DEPT: Public Works

BOARD AGENDA:7.1
AGENDA DATE: February 4, 2025

CONSENT

CEO CONCURRENCE: YES

4/5 Vote Required: No

SUBJECT:

Approval to Recommend the Relocation of Del Puerto Canyon Road to Route Alternative 9 and Direct Public Works Staff to Continue Coordination of Route Relocation Development with the Del Puerto Water District

STAFF RECOMMENDATION:

1. Accept a verbal report and presentation from the Del Puerto Water District on the Del Puerto Canyon Reservoir Project.
2. Recommend the Relocation of Del Puerto Canyon Road by the Del Puerto Water District to Route Alternative 9.
3. Direct Public Works staff to continue coordination of route relocation development and refinement with the Del Puerto Water District.

DISCUSSION:

Del Puerto Water District (DPWD), in partnership with the San Joaquin River Exchange Contractors Water Authority (SJRECW), has proposed the construction of a reservoir adjacent to Del Puerto Canyon Road, approximately 2.5 miles west of Interstate-5, near Patterson. The project's stated purpose is to "Provide Locally Owned and Controlled South of Delta Water Storage."

Staff was engaged by DPWD to discuss concerns regarding the proposed reservoir project as it relates to the transportation network. Staff worked with the project team to help identify areas of concern and make recommendations as to the requirements of the roadway relocation due to the water inundating the Del Puerto Canyon Road.

Public project scoping meetings were held in the summer of 2019 and a Draft Environmental Impact Report was released on December 12, 2019. Staff provided comments through the Stanislaus County Environmental Review Committee (ERC) regarding the roadway alignment alternatives. The Notice of Availability of the Final Environmental Impact Report was published on October 9, 2020, with two preferred alternatives, which were not fully supported by Staff at the time due to variety of concerns including increased maintenance costs arising from several new bridge structures.

DPWD reached out to Staff in fall 2023 to begin coordination with their project team to determine a preferred alignment for the relocation of Del Puerto Canyon Road. The coordination efforts focused on alternative analysis and selection. Over the next few

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months, DPWD's consultant, TYLin, initiated the process of screening nine route alternatives for roadway realignment. This was subsequently increased to ten alternatives with the addition of a Staff-requested alignment which combined two of the initial alternatives. All technical screening criteria was accepted by Staff prior to the commencement of the screening analysis.

After review, Staff provided concurrence to the initial alternative screening on March 5, 2024, which recommended four of the ten initial alternatives continue to further technical analysis for final selection.

A Preferred Alternative Selection Technical Memorandum dated May 14, 2024, and provided as Attachment 1, concluded that Alternative 9, provided as Attachment 3, is the preferred alternative to be recommended to Public Works.

Staff has reviewed the memorandum and concurs with the findings and recommends that the Board of Supervisors recommend Route Alternative 9 and authorize Staff to continue coordination with DPWD in developing and refining Route Alternative 9 to continue serving the public as Del Puerto Canyon Road.

NEXT STEPS:

Prior to construction, a recommendation from Staff will come before the Board of Supervisors to ensure that all necessary actions to summarily vacate a portion of Del Puerto Canyon Road which will be inundated by the reservoir and to accept the roadway improvements upon completion of the roadway to the satisfaction of the Road Commissioner.

POLICY ISSUE:

The recommended actions do not conflict with any current policies.

FISCAL IMPACT:

There are no impacts associated with this item to the currently adopted Fiscal Year 2025 Public Works Budget. Staff time is funded through a deposit made by DPWD and is billed according to the Board of Supervisors adopted Public Works Fee Schedule, currently the 2024 Fee Schedule, effective July 1, 2024.

BOARD OF SUPERVISORS' PRIORITY:

The recommended actions are consistent with the Board's priority of *Delivering Efficient Public Services* and *Enhancing Community Infrastructure* by ensuring that Del Puerto Canyon Road is re-routed for continued use by the public.

STAFFING IMPACT:

Existing Public Works staff is overseeing this project.

CONTACT PERSON:

David A. Leamon, Public Works Director

Telephone: (209) 525-4130

ATTACHMENT(S):

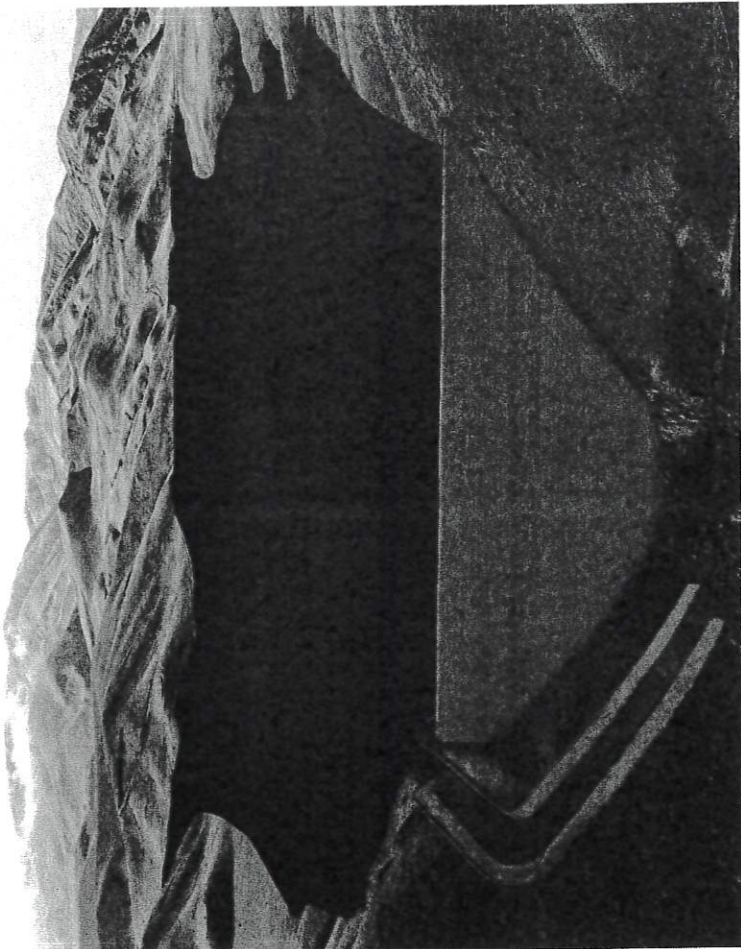
1. Alternatives Analysis Memo
2. Available from Clerk - Alternative Analysis Appendices
3. Roadway Relocation Alternative 9 Map

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XB

Del Puerto Canyon **RESERVOIR**

Stanislaus County Board of Supervisors Presentation
February 4, 2025



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Del Puerto Canyon Reservoir

- Mid-Pacific Water Users Conference
- January 29, 2025



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Anthea Hansen

From: Los Vaqueros Reservoir JPA <info-losvaquerosjpa.com@shared1.ccsend.com>
Sent: Friday, January 31, 2025 6:00 PM
To: Anthea Hansen
Subject: Los Vaqueros Reservoir Joint Powers Authority Update

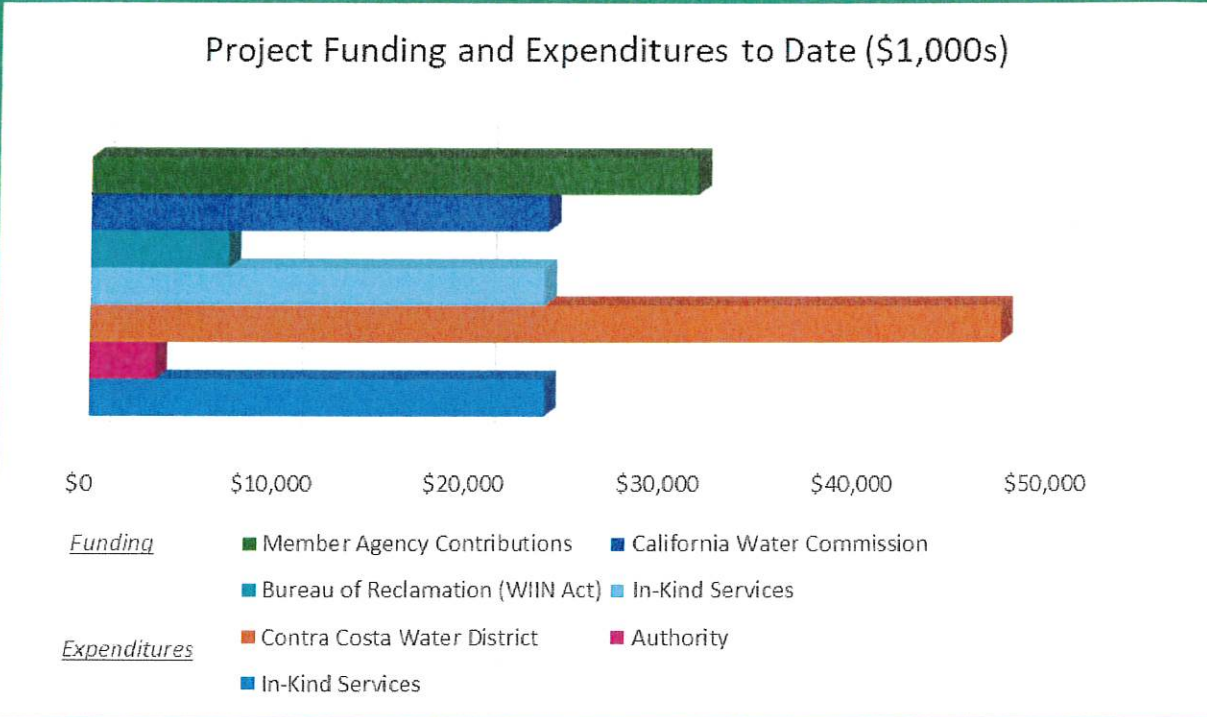
January 31, 2025

Los Vaqueros Reservoir Joint Powers Authority Update



UPDATE ON MULTIPARTY COST SHARE AGREEMENT

The following chart provides an overview of the Multi-Party Cost Share Agreement (MPA) funding and expenditures through December 31, 2024.



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JANUARY BOARD OF DIRECTORS MEETING RECAP

On January 8, the JPA Board of Directors met in person at Zone 7 Water Agency, primarily to review the JPA Dissolution Work Plan and consider adoption of a resolution to dissolve the JPA.

Taryn Ravazzini, executive director, and Chuck Gardner, program manager, provided updates regarding the Dissolution Work Plan and status of the JPA program-level activities. Key updates included moving the effective date of the JPA termination to occur after the final Board meeting, to allow for remaining activities and actions taken to be under Board authority. This milestone shift did not have any significant impact on the overall schedule. Additionally, the JPA had not yet received a final accounting of remaining cash or the closeout report from Contra Costa Water District (CCWD), and the final date for receipt of that information was moved to January 17, 2025.

Following the presentation, Jim Ciampa, general counsel for the JPA, introduced the resolution to formally terminate the Joint Exercise of Powers Agreement and dissolve the JPA, thereby bringing the Phase 2 Expansion Project to a close. Several Board members asked questions and requested clarification regarding some of the terms outlined in the resolution, all of which were addressed. At the conclusion of the discussion, the Board voted unanimously to approve the resolution.

“We’ve built this incredibly diverse and regional partnership, which brought together urban agencies, agricultural agencies, and the environmental community, as well as partnerships with government agencies that provided us with unprecedented commitments of funding to bring this project forward,” said Board Chair, Anthea Hansen. “It is extremely disappointing that it isn’t going to happen in this particular venue. I would ask that we all be reflective and remain encouraged that there will be other projects, and it’s our responsibility to ensure there are – California’s water problems are not going away.”

During the meeting, Board members expressed their appreciation for the immense amount of work that was done by the JPA, Member agencies, Board members, and partners, and for the opportunity to be a part of this tremendous effort. Board members also emphasized the need for continued collaboration on these types of projects in the future.



Pictured, from left: Patt Young, CCWD; Jon Wunderlich, ACWD; Kathy Narum, Zone 7; Steve Ritchie, SFPUC; Anthea Hansen, SLDMWA; John Varela, Valley Water; Antonio Martinez, CCWD; Richard Santos, Valley Water; Michael Tognolini, EBMUD; Paul Sethy, ACWD; Executive Director Taryn Ravazzini*

The agenda also included the consideration of canceling the JPA Board meeting scheduled for February 12, 2025, which the Board unanimously approved.

Following the meeting, the JPA released a statement from Chair Hansen regarding the adoption of the resolution. To view the full statement, please [click here](#).

Below are the dates of the meetings during which each of the Member Agency Boards will vote to ratify the JPA resolution to dissolve:

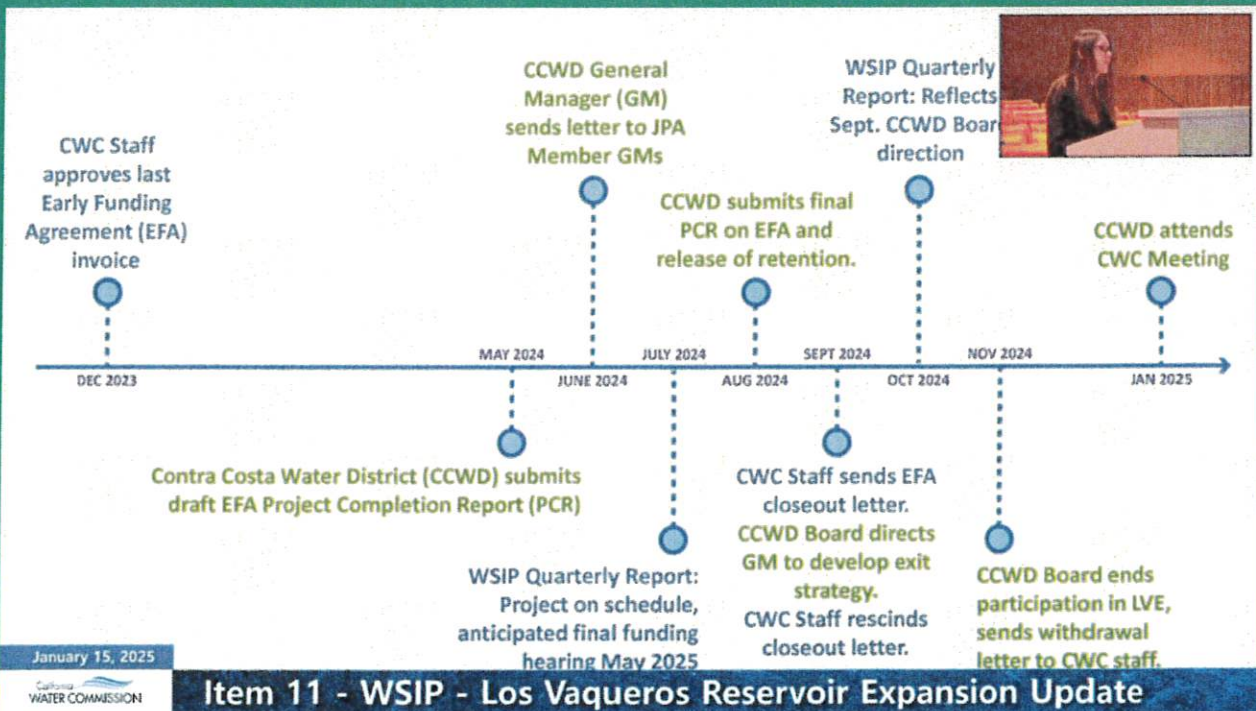
- January 14 – GWD (ratified/approved resolution)
- February 5 – CCWD
- February 6 – SLDMWA
- February 11 – SFPUC, EBMUD
- February 13 – ACWD
- February 19 – Zone 7
- February 25 – Valley Water

The next regular meeting of the JPA Board is scheduled for March 12, 2025, and it will be held virtually. In accordance with the Brown Act, the meeting agenda packet will be posted on the [JPA website](#) in advance of the meeting.

*Full names of Member agencies: Alameda County Water District (ACWD), Contra Costa Water District (CCWD), East Bay Municipal Utility District (EBMUD), San Francisco Public Utilities Commission (SFPUC), Grassland Water District (GWD), San Luis & Delta-Mendota Water Authority (SLDMWA), Santa Clara Valley Water District (Valley Water), Zone 7 Water Agency (Zone 7)

CALIFORNIA WATER COMMISSION DISCUSSES END OF LVE

The January 15 meeting of the California Water Commission (CWC) requested an update from Contra Costa Water District (CCWD) to discuss the reasons behind the Project’s withdrawal from receiving \$477 million in Proposition 1 Water Storage Investment Program (WSIP) funds, and to understand how the \$23.7 million in early funding was spent. Amy Young, WSIP Program Manager for CWC, provided an overview and updated Commissioners on recent project developments. CCWD, as the named WSIP applicant, then provided a presentation to the Commission, [available here](#).



Item 11 - WSIP - Los Vaqueros Reservoir Expansion Update

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Amy Young, WSIP Program Manager for CWC, presenting before the Commission

Authority representatives, Chair Anthea Hansen, Secretary Ric Ortega, and Executive Director Taryn Ravazzini attended the meeting in-person and provided public comment and responded to Commission inquiries on the impact to the local partners and loss of public benefits. The Commissioners expressed their collective disappointment at the loss of public benefits and additional water storage for which the state and federal taxpayers were willing to commit almost \$700 million to support the Project. Commissioners were concerned over the gap left in terms of water storage and water for wildlife refuges and questioned what can be done to fill that gap. The Commission will be considering how to redistribute the remaining \$453 million allocated to LVE to the other WSIP projects which each offer their own unique public benefits as defined under Proposition 1.

The January 15 Commission meeting and discussion of Agenda Item 11 on LVE is available to [view here](#), with a follow up article from the San Jose Mercury News [available here](#).



FINAL QUARTERLY REPORT SUBMITTED TO THE CALIFORNIA WATER COMMISSION

CCWD drafted and submitted the Water Storage Investment Program Quarterly Report No. 26 for LVE to the California Water Commission on January 30, 2025. This is the final anticipated quarterly report to be submitted for the Project and represents Project status between October 1, 2024 and December 31, 2024. Quarterly reports summarize activities over the previous three months. This last report covers the dates listed as well as several activities that occurred in January.

ADDITIONAL PROJECT INFORMATION

losvaquerosjpa.com
ccwater.com/lvstudies

Los Vaqueros Reservoir Joint Powers Authority | 1331 Concord Ave. | Concord, CA 94520 US

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Good morning! Welcome to this week's Weekly Water Blast.

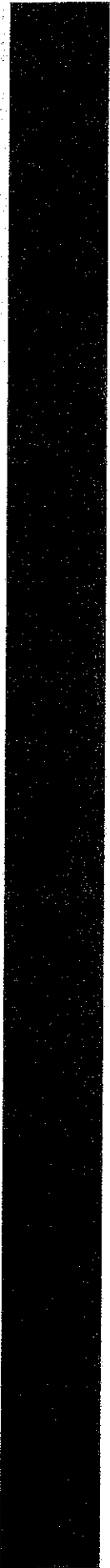
Update on the Water Storage Investment Program projects

The January meeting of the California Water Commission included brief updates on the six remaining storage projects in the Water Storage Investment Program.

Proposition 1 of 2014 dedicated \$2.7 billion for investments in water storage projects, which the California Water Commission administers through the Water Storage Investment Program (WSIP). Six water storage projects were selected and must complete the remaining requirements, including final permits, environmental documents, contracts for the administration of public benefits, and commitments for the remaining project costs, before they receive the final funding award. For more information on the Water Storage Investment Program, [check out this story map](#) and [visit this page](#) at the California Water Commission website.

- **Harvest Water Program:** The Harvest Water Program was the first and so far only project to receive its final funding award from the California Water Commission. The project will take 50 thousand acre-foot tertiary-treated recycled water produced by Regional San to deliver irrigation water for up to 16,000 acres of agriculture and habitat lands in Sacramento County near the lower Cosumnes River and Stone Lakes National Wildlife Refuge. Construction is continuing. Project proponents will be providing an update at the February Commission meeting.

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- **Pacheco Reservoir:** The Pacheco Reservoir Expansion Project has faced several setbacks, primarily due to legal and environmental challenges. Most significantly, a judge recently ruled that the Santa Clara Valley Water District had incorrectly claimed an exemption from the California Environmental Quality Act (CEQA), causing Valley Water to initiate an environmental review process for geotechnical activities. It is unknown how this will affect the overall project schedule; currently, the estimated final funding award date is 2027. A quarterly report is due at the end of January which is expected to shed light on the impacts to the schedule. Valley Water will be updating the Commission at their May meeting.
 - **Chino Basin Program:** The Chino Basin Program proposes to develop a state-of-the-art Advanced Water Purification Facility and aquifer replenishing wells that will develop and store 15,000 Acre Feet per year in the Chino Basin and make infrastructure improvements to maximize recycled water usage in the region. Inland Empire Utilities Agency has been moving forward with the design of its advanced water purification demonstration facility, as well as its main facility. The estimated final funding award date is in 2027. Inland Empire Utilities Agency will be updating the Commission at the May meeting.
 - **Kern Fan Project:** The Kern Fan Groundwater Storage Project would develop a regional water bank in the Kern County Groundwater Sub-basin of the San Joaquin Valley Groundwater Basin for up to 100 thousand acre-feet of unallocated Article 21 water when available from the State Water Project. Project proponents are continuing construction on their phase one recharge facilities. The final funding award is still expected in 2027. Project proponents will be updating the Commission at the February meeting. They may request some early funding; so far they have not. The Kern Fan Project is the only project that has not received any early funding from the WSIP program.
 - **Sites Reservoir:** Sites Reservoir is a proposed 1.5 million acre-foot off-stream surface storage reservoir in the Sacramento Valley. Currently, the project is the subject of an ongoing water rights hearing at the State Water Board, with a decision expected in August. California

Department of Fish and Wildlife issued the incidental take permits in October. The Record of Decision, the final federal environmental document, is expected to be issued in the spring. The final award date is estimated for mid-2026. Sites proponents will be providing an update to the Commission in September.

- **Willow Springs:** The Willow Springs Water Bank is a 500,000 acre-foot conjunctive use and reservoir reoperation project that requires agreements and coordination with a SWP contractor, DWR, and DFW. The necessary MOU with the Antelope Valley-East Kern Water Agency has been signed so the project is moving ahead. An update on project costs and schedule is expected soon. The final award is estimated in early 2026. The project proponent will be updating the Commission in April.

Sites Reservoir and the Pacheco Reservoir Expansion Project continue to face opposition from Tribes and environmental groups. Osha Meserve, Stop the Pacheco Dam Coalition, says the project is not making progress and is becoming more infeasible. She had issues with the data in the quarterly reports, such as unrealistic time estimates, issues with land ownership, escalating costs, and others. Regina Chichizola with Save California Salmon said discussion is needed on the large reservoir projects and the public benefits. She expressed concerns with Tribal consultation, environmental documents, water quality, and global warming impacts of Sites Reservoir.

What to do with the funds, now the Los Vaqueros Reservoir Expansion Project has come to an end?

The meeting also included a presentation and discussion regarding the unsuccessful Los Vaqueros Reservoir Expansion Project, which was covered well in this [San Jose Mercury News article](#).

The more interesting question going forward is what the Commission will do with the \$453 million that was allocated to the project. As reported [here in](#)

the Notebook in February 2024, the Commission doesn't have a lot of options as it is laid out in the water bond language. Apparently,, they now have even less: the San Jose Mercury News reports, "Under Proposition 4, a climate bond voters passed in November, any returned money must be divided between six other water storage projects."

During the public comment period, Anthea Hansen, Del Puerto Water District, asked the Commission to consider the two projects, Del Puerto Canyon Reservoir and the Stanislaus Regional Water Authority Regional Surface Water Supply Project, for those funds returning to the Commission. Those projects had submitted screening forms prior to the statutory deadline, so could possibly qualify under the existing WSIP regulations. As an additional twist, Prop 4 allocates \$2.9 billion specifically for water storage projects.

*

The Commission will begin discussing its options for utilizing WSIP funding at February's meeting, with a decision expected in March.

In other Commission news, the Commission elected Commissioner Fern Steiner as Chair and Commissioner Kimberly Gallagher as Vice-Chair.

X.C.



Willow Springs
Water Bank



SACRAMENTO AREA
SEWER DISTRICT

February 13, 2025

California Water Commission
901 P Street, Suite 142A
Sacramento, CA 95814

Subject: Request for Reallocation of Los Vaqueros Expansion Funds and Proposition 4 Funds for Proposition 1 WSIP Projects

Dear Chair and Commissioners,

We, the representatives of the six remaining Proposition 1 Water Storage Investment Program (WSIP) projects—Harvest Water, Chino Basin, Kern Fan, Pacheco Reservoir, Sites Reservoir, and Willow Springs—respectfully request the California Water Commission (CWC) to reallocate funds recently released by the Los Vaqueros Reservoir Expansion Project, totaling approximately \$447.8 million, and the \$75 million from Proposition 4 to address the severe inflationary impacts to our project budgets. Likewise, the public benefits to be delivered by these projects have increased in value significantly during this time of marked inflation. It is requested that the funds be allocated to the 6 remaining WSIP projects, rather than to fund new public benefits. This funding is critical to offset rapidly escalating project costs that will have to be covered by California ratepayers

Each of the six WSIP projects has made significant progress toward a final funding award, reflecting the commitment of project sponsors to advancing water storage, ecosystem restoration, and climate resilience in California. Despite substantial challenges, including escalating costs and supply chain disruptions, all projects have remained substantially on track in planning, permitting, and early implementation phases. While working through this process we have also been working to keep costs down for our ratepayers, but it is not easy. Securing funding from multiple state and federal partners has been a key and critical component while we have been working through the planning and permitting phase. This progress underscores the readiness of these projects to put additional funding to immediate and effective use, ensuring that Californians benefit from enhanced water reliability and ecosystem improvements as soon as possible.

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Escalation of Costs Since Original Conditional Awards

When the WSIP Maximum Conditional Eligibility Determinations (MCEDs) were calculated in 2015 dollars, the financial landscape for large infrastructure projects was significantly different.

Since that time, construction cost escalation has risen sharply, far outpacing general inflation rates. For example:

1. Construction Escalation Rates:

- Industry data from sources such as the Engineering News-Record (ENR) and state reports indicate annual construction cost increases of **6–10%** since 2015.
- For critical materials like steel and concrete, annual price increases have exceeded **12%** during certain periods, especially between 2020 and 2022 due to global supply chain disruptions and labor shortages.

2. Cumulative Impacts:

- Over a 10-year period (2015–2025), compounding at an average rate of **8% annually**, infrastructure project costs would have nearly **doubled**.
- For example, a project originally budgeted at \$500 million in 2015 dollars would now require nearly **\$1 billion** to achieve the same scope.

3. Real-World Cost Pressures:

- Recent statewide infrastructure projects, particularly water-related projects, have reported budget overruns of **25–50%** due to escalating costs. Without addressing these adjustments, projects will face delays, scope reductions, or financial instability.

Precedent for Reallocating Funds for Inflation

The CWC has previously recognized the importance of addressing inflationary adjustments when unallocated WSIP funds become available. Specifically, when the Temperance Flat project withdrew from the program, its remaining funds were proportionally redistributed to the other WSIP projects to account for inflation. Applying the same principle to the Los Vaqueros Expansion funds will ensure fairness, consistency, and project viability.

While we appreciate that new projects capable of providing public benefits may be available and possibly eligible for Prop1 funding, supporting and fully funding the six remaining projects already committed should be the Commission's first priority, and only after that is accomplished should there be consideration for including additional WSIP projects. The proposed reallocation will bring the existing remaining projects closer to full funding of the public benefits they will deliver to the State.

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Proposed Distribution of Funds

In closing, the proponents of the 6 remaining WSIP Projects propose the following:

1. **Los Vaqueros Expansion Funds (\$447.8 million):** Reallocate these funds proportionally among the six remaining projects based on their current MCEDs. These funds should exclusively address inflationary cost adjustments to ensure projects can deliver their promised benefits and that the increased monetary value of those benefits is recognized.
2. **Proposition 4 Funds (\$75 million):** Once appropriated, these funds should also be allocated proportionally among the six projects, following the same principle of addressing inflationary adjustments.

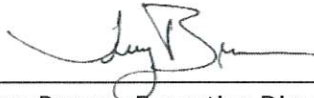
The proportional distribution of these funds reflects the current funding framework and supports the successful implementation of WSIP projects without compromising their original commitments. Notably, this approach also aligns with the will of the California voters who approved the following Proposition 4 language under the WSIP funding: "Priority for these funds and any funds returned to the commission shall be to support timely completion of existing approved projects by providing supplemental grants to reflect the increase in costs due to inflation since the original grant applications and any increase in public benefits." Full Prop 4 Section 91015 is shown in Attachment B.

Attachment A depicts how the funds would be proportionally allocated based on the proposed approach.

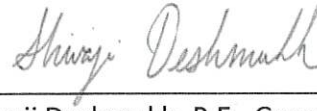
The Governor and the Legislature have correctly highlighted that "affordability" is a major concern for all Californians. We strongly agree that steps *must* be taken to keep project costs as low as possible for our ratepayers. Just as we explore every available funding source, we hope the California Water Commission can partner with us to tackle the affordability crisis by allocating this funding to existing projects.

We appreciate your consideration of this request to distribute the funds in accordance with the proposed approach and your ongoing commitment to ensuring the success of WSIP projects.

Sincerely,



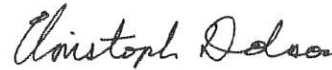
Jerry Brown, Executive Director
Sites Project Authority



Shivaji Deshmukh, P.E., General Manager
Inland Empire Utilities Agency



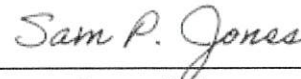
Dan Bartel, General Manager
Groundwater Banking Joint Powers Authority
Kern Fan Groundwater Storage Project



Christoph Dobson, General Manager
Sacramento Area Sewer District
Harvest Water Program



Malanie Richardson, Interim Chief Executive
Officer, Valley Water



Sam Jones, General Manager
Willow Springs Water Bank

Attachment A – Proposed Funding Table
Attachment B – Prop 4 91015 Language

Cc: Wade Crowfoot, Secretary for Natural Resources
Fern Steiner, California Water Commission
Kimberly Gallagher, California Water Commission
Tyrone Bland, California Water Commission
Daniel Curtin, California Water Commission
Alexandre Makler, California Water Commission
Sandra Matsumoto, California Water Commission
Jose Solorio, California Water Commission
Laura Jensen, Executive Officer, California Water Commission
Amy Young, WSIP Project Manager, California Water Commission
Senate President Pro Tempore, Mike McGuire
Senator Ben Allen, Chair of Senate Budget Subcommittee 2
Senator Catherine Blakespear, Senate Budget Subcommittee 2
Senator Steven Choi, Senate Budget Subcommittee 2
Senator Jerry McNerney, Senate Budget Subcommittee 2
Assembly Speaker Robert Rivas
Assembly Member Steve Bennett, Chair Subcommittee 4
Assembly Member Damon Connolly, Subcommittee 4
Assembly Member Tom Lackey, Subcommittee 4
Assembly Member Alexandra Macedo, Subcommittee 4
Assembly Member Cottie Petrie-Norris, Subcommittee 4
Assembly Member Chris Rogers, Subcommittee 4
Assembly Member Lori Wilson, Subcommittee 4
Assembly Member Jesse Gabriel, Subcommittee 4
Assembly Member Heath Flora, Subcommittee 4

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TO: California Water Commission Members
C/O Laura Jensen, Executive Director (VIA EMAIL)
California Water Commission
P.O. Box 942836
Sacramento, California 94236-0001

CC: Amy Young, Water Supply Improvement Program (WSIP) Program Manager, cwc@water.ca.gov

FROM: Del Puerto Water District and San Joaquin River Exchange Contractors Water Authority,
Del Puerto Canyon Reservoir Project Sponsors

DATE: February 14, 2025

SUBJECT: Request for Consideration of Second Solicitation for Available Proposition 1 WSIP Funding

Dear California Water Commission Members:

In 2019, the Del Puerto Water District (DPWD) and the San Joaquin River Exchange Contractors Water Authority (SJRECWA), together the "Project Applicants," applied for a Consistency Determination for the proposed Del Puerto Canyon Reservoir Project (Project). By Resolution 2019-05 of the California Water Commission dated September 18, 2019, the Project was found to be consistent with the California Water Quality, Supply, and Infrastructure Improvement Act (Prop 1). In February of 2022, the Project Applicants requested consideration of the Project's eligibility should the Commission move forward with a second solicitation for the funding that was available at that time.

Although a second solicitation did not develop, the Project Applicants have continued forward and substantially advanced the Project, primarily with local Non-Public cost share supported by a 25% Federal match of \$18 million from the Water Infrastructure Improvements for the Nation (WIIN) Act. Excepting a \$1 million Integrated Regional Water Management (IRWM) Grant, State financial support for the Project has been largely unavailable despite letters of support from the Governor's Office, Stanislaus County, and a bi-partisan collective of elected officials since the Projects' inception. We again request your consideration of support for a second solicitation, as our uniquely situated South-of-the Delta Project will definitely afford the State of California and its beneficial users of water a more resilient and reliable water supply to prepare for worsening conditions due to a changing climate, and serve to mitigate the complications associated with the ecological health of the Sacramento-San Joaquin River Delta and the unreliability of water supply to one of the most productive food-producing regions in our State.

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Specifically, the Del Puerto Canyon Reservoir (DPCR) would provide for storage of Central Valley Water (CVP) water allocations during wet (non-critical) years which would subsequently be used during drier, critical years for a multitude of diverse benefits and beneficiaries, including:

- **Reliable Surface and Groundwater Supplies, Improved Water Quality, Operational Flexibility and Drought Resiliency South of the Delta** will be achieved with 82,000 af of CVP Water storage capacity without increased pumping demands through the Delta, which will benefit highly productive farmlands in San Joaquin, Stanislaus, Merced, Fresno, and Madera counties and reduce Delta water dependency during critical years.
- **Incremental Level Four Water Supply for Central Valley Improvement Act (CVPIA) Wildlife Refuges** to secure water supply reliability for the 75,000 acre Grassland Resource Conservation District and our local private, State and Federal Wildlife Refuges, benefitting grasslands, wetlands, wildlife corridors, and migratory bird species.
- **Municipal & Industrial Water Supply Reliability and Food Risk Reduction** for the City of Patterson to remove homes, businesses and a proposed high school location from the FEMA flood maps and capture flood flows to benefit groundwater recharge, saving millions of dollars in potential flood damages and supporting a reliable local municipal groundwater resource.
- **Non-Public Cost Share Coupled with Federal Support:** The DPCR is a private public partnership with 75% of the cost-share currently being provided by the Project Applicants in addition to what is now \$18 million in funding commitments from the Federal Water Improvements Infrastructure for the Nation (WIIN) Act. Maximizing the Federal investment in DPCR by securing State Water Storage Investment Program (WSIP) funding would greatly benefit California and the small, rural communities that the Project Applicants serve.
- **State and Federally Supported:** DPCR has received Letters of support from California Governor Gavin Newsom, the Stanislaus County Board of Supervisors, the U.S. Secretary of Interior, Water and Science, the late U.S. Senator Dianne Feinstein, U.S. Congressman Josh Harder, and U.S. Congressman Jim Costa, as well as positive support from U.S. Congressman John Duarte, and many other past and present bi-partisan members of the California Legislature and Congress.

It goes without saying that water resiliency and reliability would provide increased certainty for the future operations of the agricultural and industrial businesses served by the Project Applicants, which is key to sustaining local jobs and water reliability for the many disadvantaged communities in our westside San Joaquin Valley region. The Project also provides public benefits not otherwise available to our region, especially flood risk reduction for our small community and benefits to the incredibly valuable last remaining portions of the Pacific Flyway and San Joaquin Valley Wildlife Refuges, which suffer similarly to agriculture when water supply is scarce and unreliable. We also truly believe that the Project adds the nation-wide public benefit of a safe and abundant local food supply, which is a basic requirement of our national security.

Respectfully, we encourage the Commissioners to consider our progress and to support our efforts to realize this very important regional project to improve South-of-Delta surface storage. We look forward to any opportunity that you may make available.

Very Sincerely Yours,

Anthea G. Hansen, DPWD General Manager

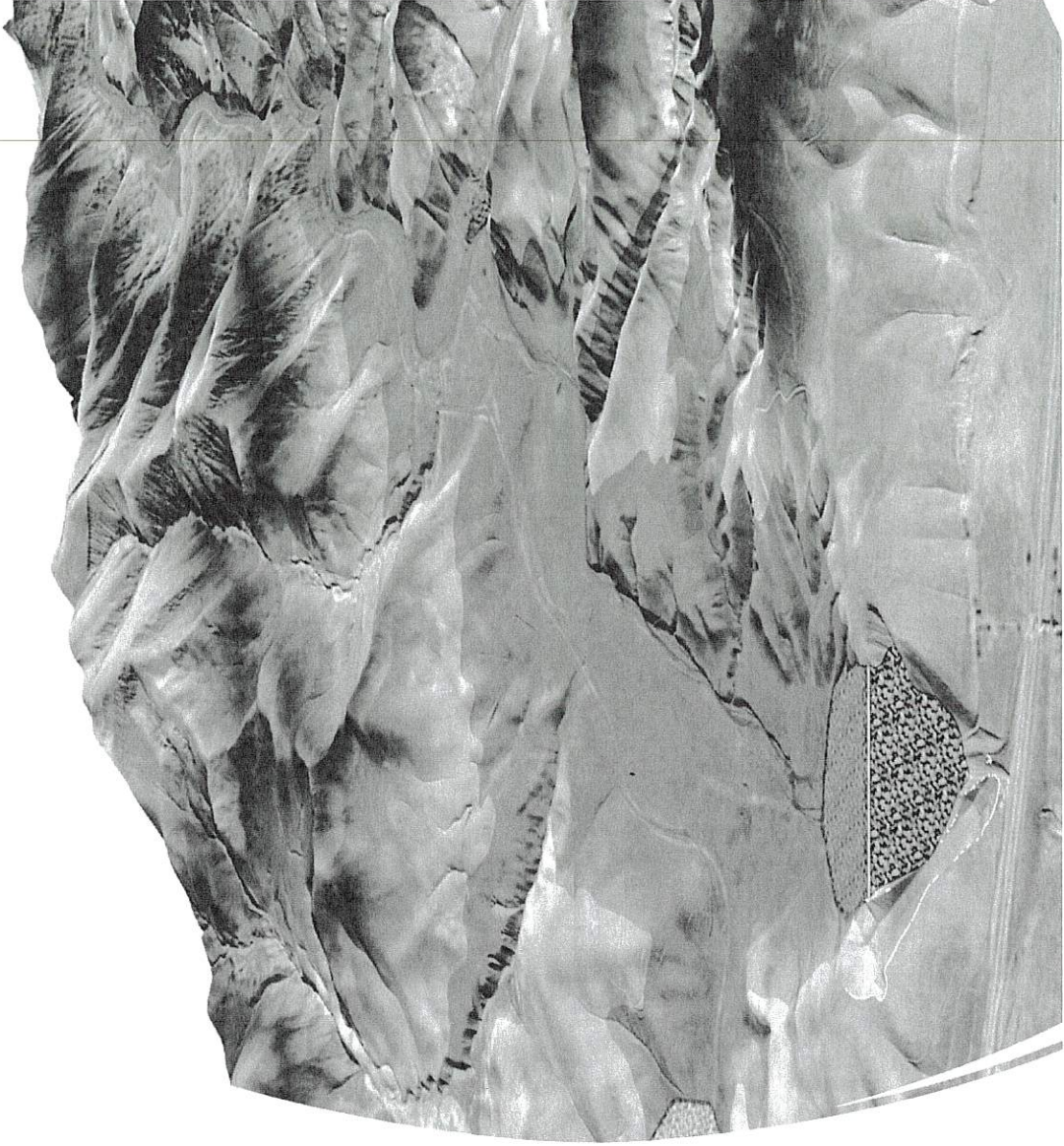
Chris White, SJRECWA Executive Director



Del Puerto Canyon Reservoir

California Water Commission
Update

February 19, 2025



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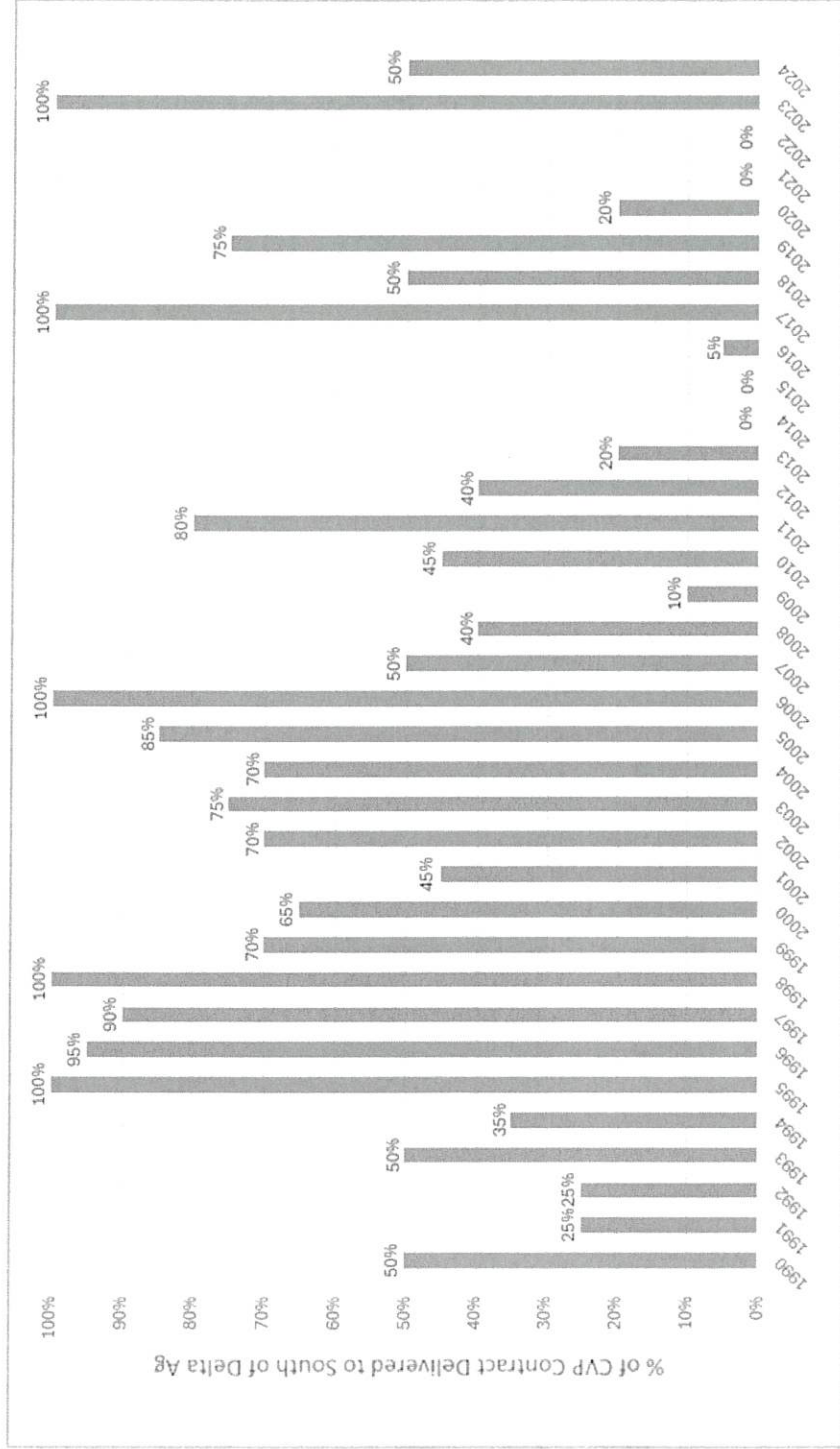
187

Water Supply Challenges Present a Unique Opportunity for Program Partners

- Program Partners
 - Del Puerto Water District (DPWD)
 - San Joaquin River Exchange Contractors Water Authority (SJRECWA)
- Program Partners rely on water from the Central Valley Project (CVP)
- Historical CVP allocations are widely variable
- DPWD has highly uncertain access to storage in San Luis Reservoir (SLR) on an annual basis; Exchange Contractors have no access to storage in SLR

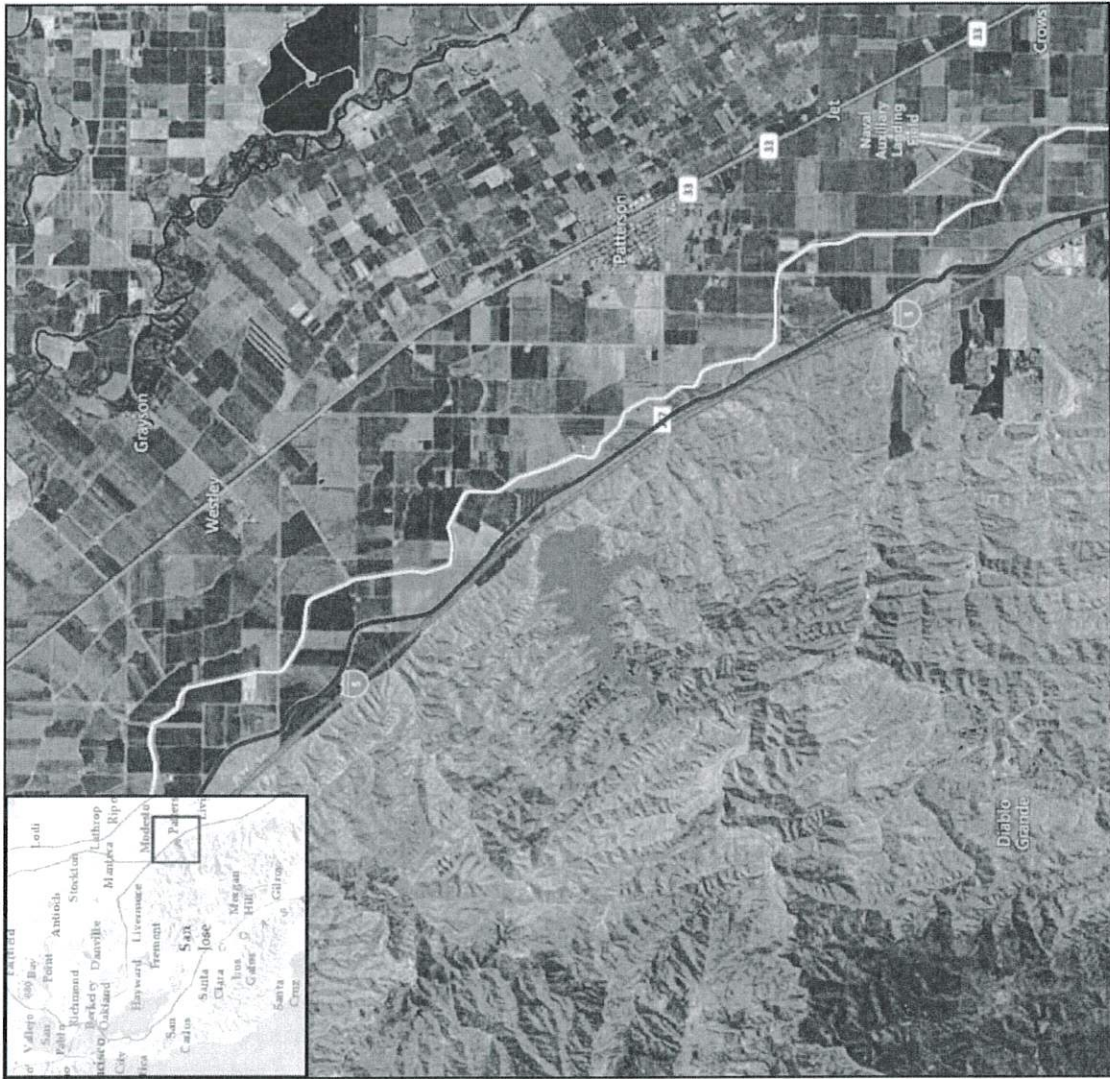


Average SOD CVP Ag Allocations from 2010 to 2024 Were Only 39%



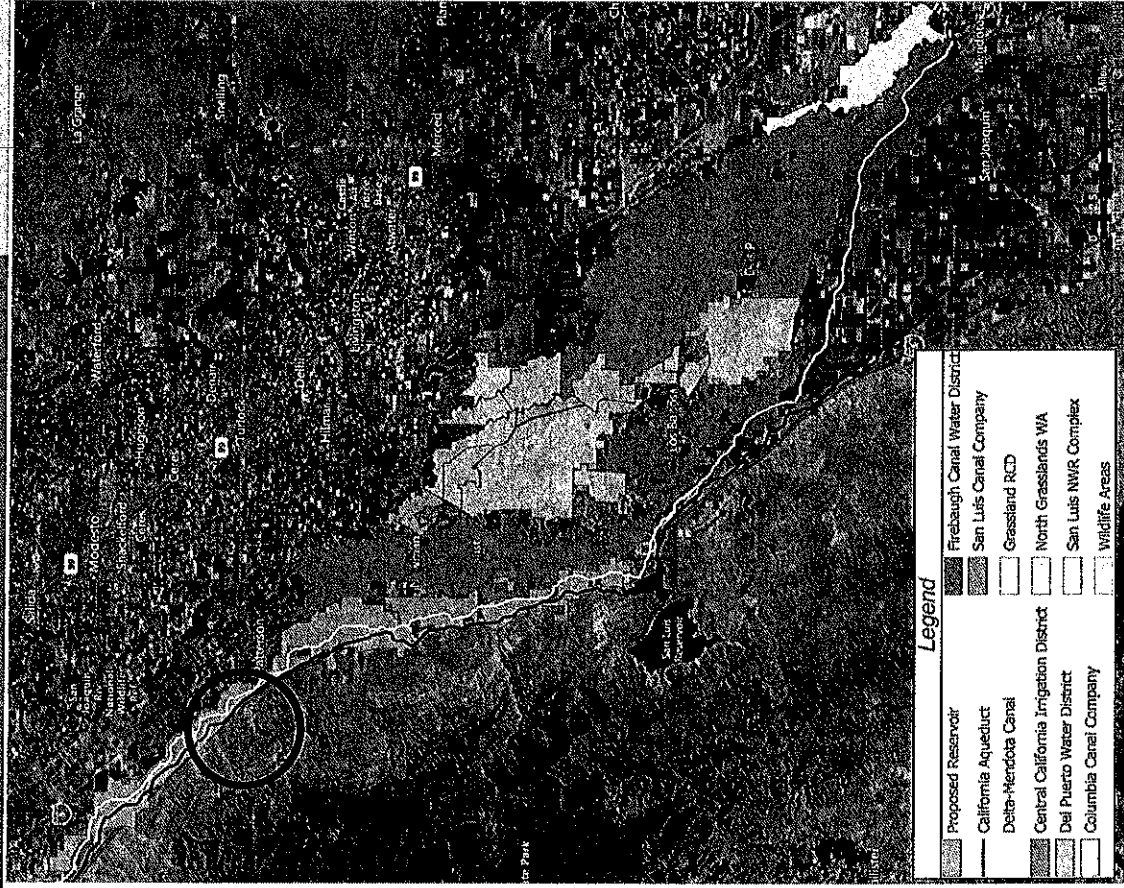
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Regional Project Location Map



DPCR Provides Multiple Benefits

- Increased South Of Delta (SOD) Storage
 - Improved CVP Reliability
 - SOD Drought Resiliency
- Water Supply
 - Agriculture
 - Groundwater Management
- Environmental
 - Wildlife Refuges – Supply/Storage
 - Del Puerto Creek Enhancements
- Regional Economy
 - Jobs/Farm Gate Output
 - Flood Risk Reduction



Del Puerto Canyon Reservoir Will Provide Local Control and Reliability

- Up to 82,000 Acre Feet (AF) storage
- 55,000 to 60,000 Acre Feet per Year (AFY) yield
- Approximately 300 Cubic Feet per Second (CFS) of Put/Take capacity
- 260-foot high earth fill dam
- Connection to Delta-Mendota Canal

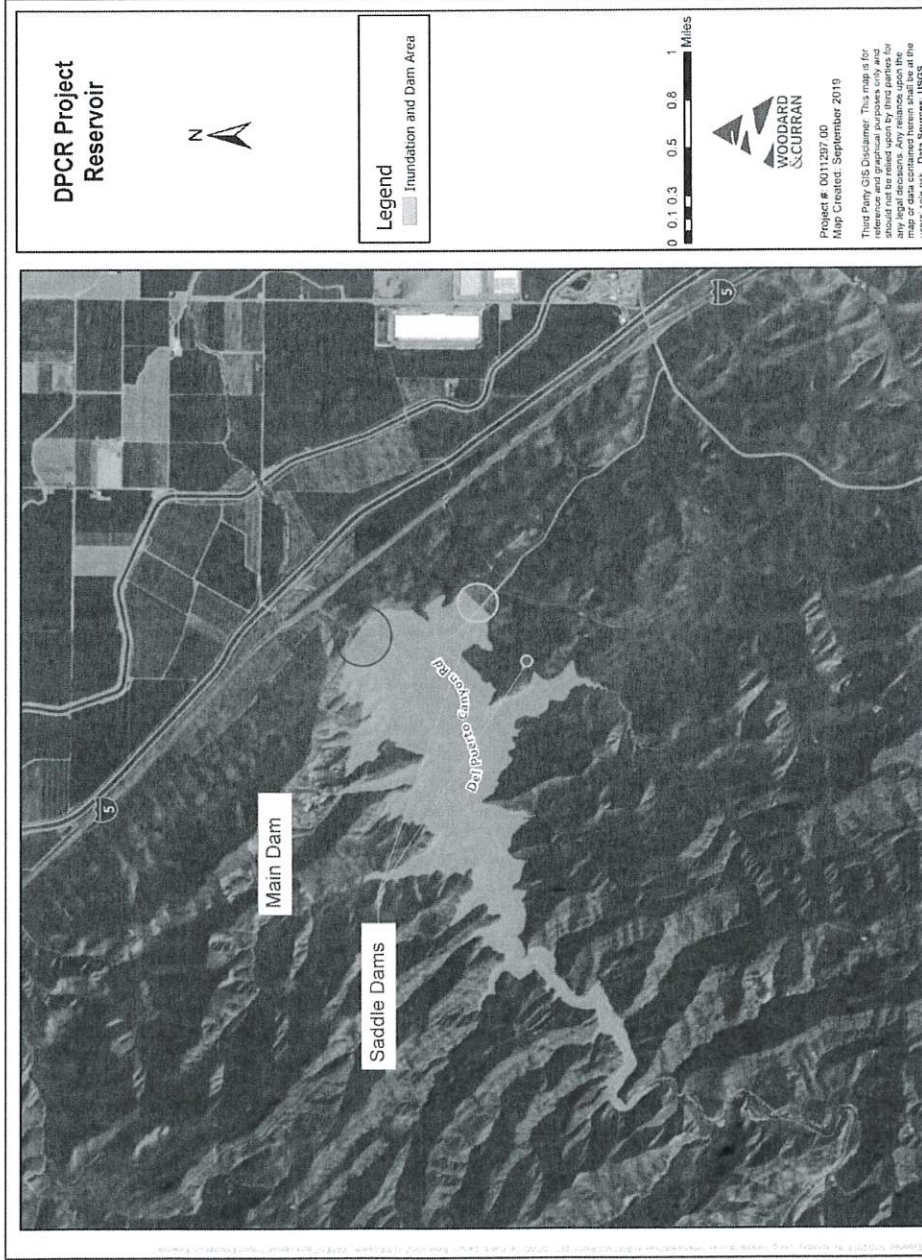


Reservoir Facilities

- Reservoir: main dam, 2 saddle dams, spillway, inlet/outlet works
- Conveyance pipeline
- Diversion/outfall facility on DMC, pumping plant, appurtenant components
- Electrical facilities and substation
- Relocation of Del Puerto Canyon Road
- Relocation of existing utilities (telecommunications, oil pipeline)

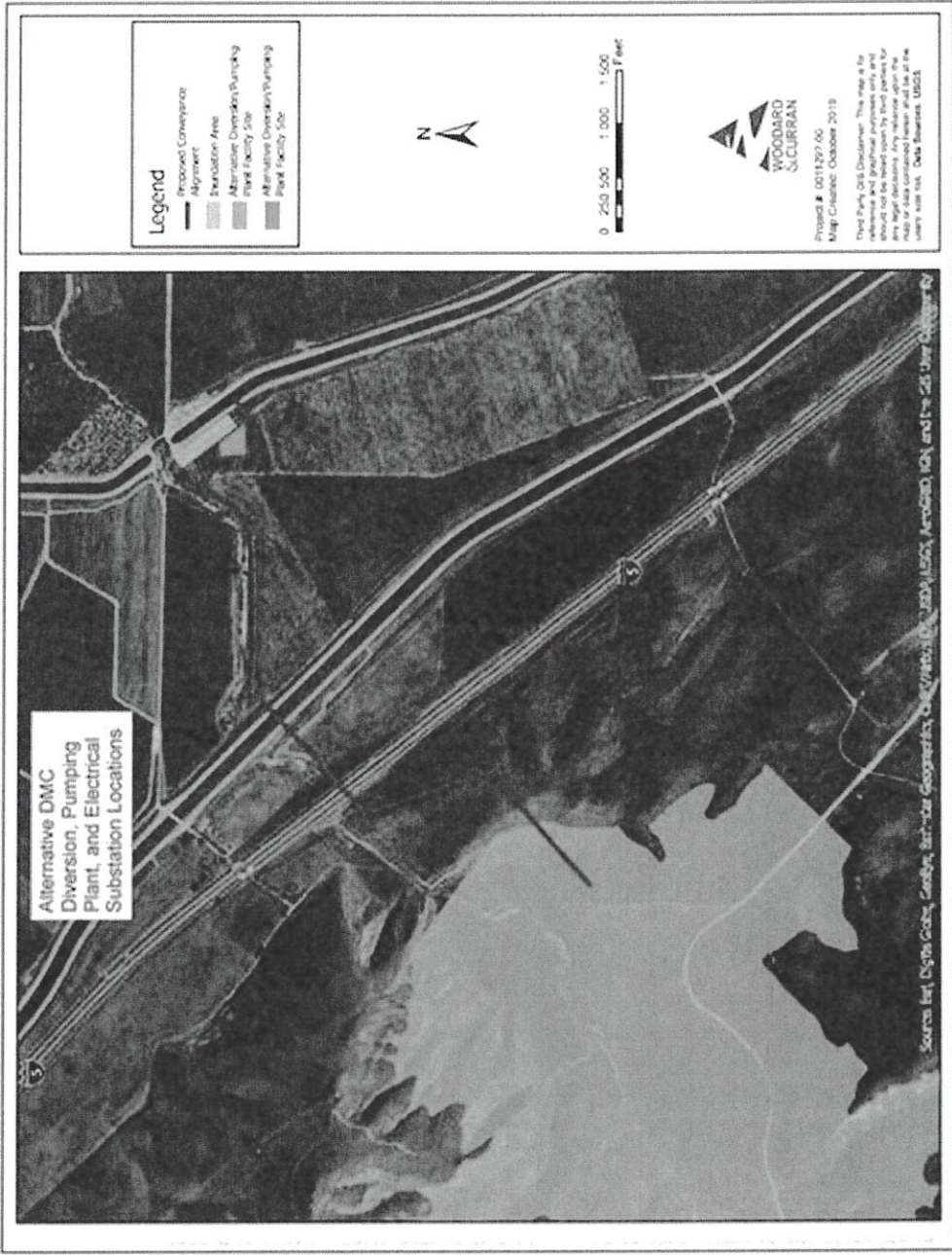


Main Dam and Saddle Dams

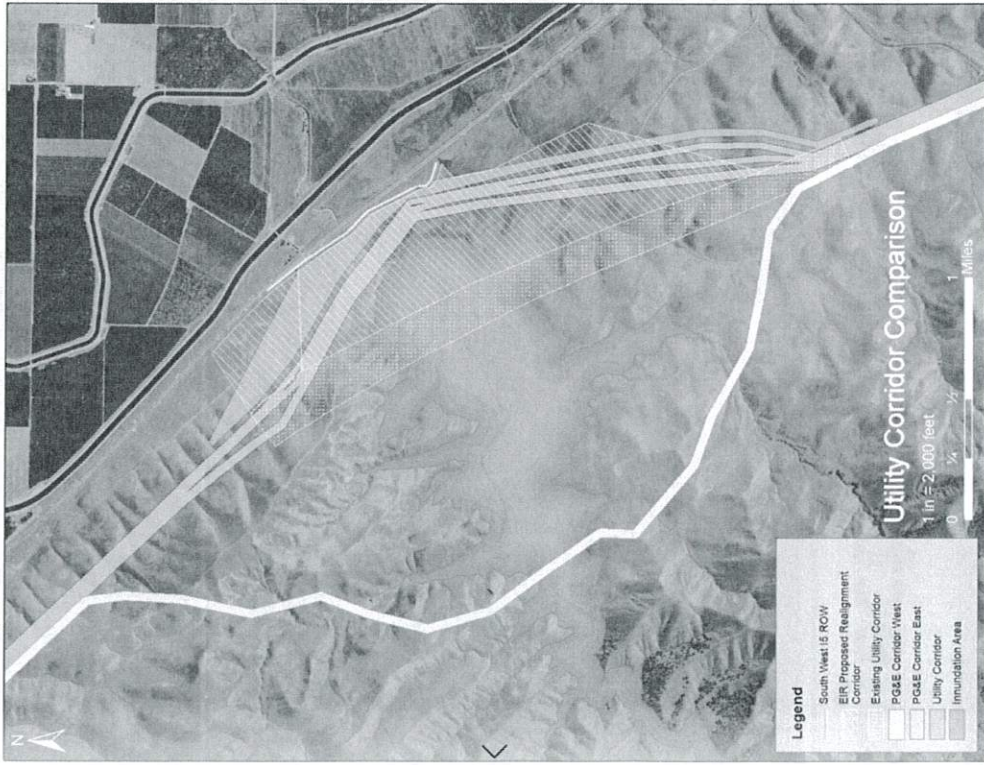


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Project Conveyance



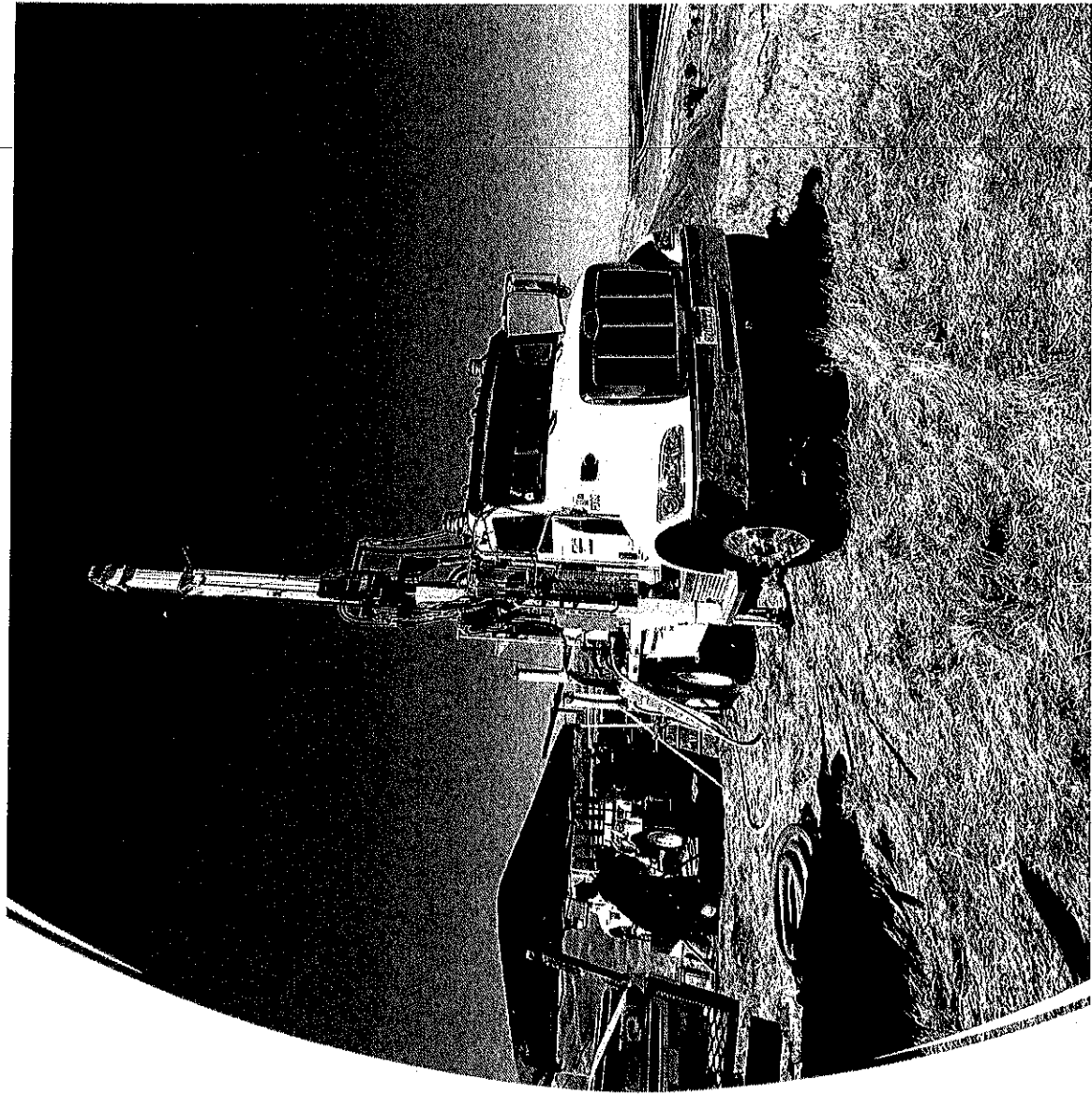
Utility Relocation



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Recent Activities

- Extensive geotechnical investigations
- Technical studies for dam and roadway
- Environmental studies



Recent Activities

- Extensive geotechnical investigations
- Technical studies for dam and roadway
- Environmental studies



Recent Activities

- Roadway relocation Design Alternatives Analysis Completed June 2024
- Coordination with Stanislaus County Department of Public Works.
- 10 Alternatives were evaluated; reduced to 4.
- Evaluation of 39 criteria in 7 different Categories:
 - Maintainability, Constructability, Transportation, ROW/Land, Environmental, Cost, Community Benefits
- Board of Supervisors approved final Alternative on January 29, 2025.



Status & Next Steps

Item	Status	Next Steps
Environmental Studies	EIS being drafted EIR was completed in 2020, will be revised to reflect roadway changes	ADEIS spring 2025
Dam	Extensive field exploration completed 30% Design completed	Submit 30% plans to Ca. Division of Safety of Dams, spring 2025
Road Relocation	Alignment refined based on updated topo survey, environmental field studies	30% design early 2025
Conveyance	30% Design completed	Final design
Utility Relocation	30% Design of transmission lines completed Topo information updated Access road design being advanced	30% Design of access roads 60% Design of transmission lines



Del Puerto Canyon Reservoir

Thank you for your
consideration!



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Water Storage Investment Program: Options for Utilizing Funding

Agenda Item at a Glance

- The Water Storage Investment Program, called “WSIP,” funds the public benefits of water storage projects funded by Proposition 1, passed by voters in 2014, and Proposition 4, passed by voters in 2024. “Public benefits” are the ways in which water storage projects provide benefits to Californians broadly, such as cleaner water, new recreational opportunities, and improvements to the land and water fish and wildlife need to survive. Water storage projects include dams and underground water storage.
- Six projects that are part of WSIP. Background information about the projects that are part of the WSIP is available at this link, on the right side of the webpage.
- The Commission has \$528.7 million of funding available to apply to WSIP projects when they complete program requirements.
- At this meeting, the Commission will hear about possible options for eventually using the newly available funds. Commissioners can ask questions of Commission staff, and they can direct staff to bring more information to the Commission at a future meeting. Tribes and the public will have an opportunity to make a comment to the Commission before the Commission discusses this agenda item.

Introduction

The California Water Commission (Commission) administers the Water Storage Investment Program (WSIP) to invest \$2.6 billion in the public benefits associated with water storage projects using funds from Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1), codified at Water Code section 79750 *et seq.*

Proposition 4, the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clear Air Bond Act of 2024 (Proposition 4), passed in November 2024, also provides \$75 million for specific purposes related to the WSIP, including inflationary cost increases or increased public benefits. The Commission’s primary role in the WSIP is to determine how to make approved bond funding available to the six projects that are part of WSIP, once each project meets the statutory requirements.

In November 2024, Contra Costa Water District, the project proponent for the LVE project, sent a letter to the Commission withdrawing the LVE Project from WSIP. The LVE Project had a

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Meeting Date: February 19, 2025

Page 2

MCED of \$477.5 million, of which \$23.8 million was utilized for planning related activities. This leaves \$453.7 million in MCED available.

The total amount available for potential use by the remaining six WSIP projects from the withdrawal of the LVE project and Proposition 4 is \$528.7 million.

Commission staff will present possible options for utilizing the available funds from Proposition 4 and the withdrawal of the LVE Project. The Commission may apply funding to projects' maximum conditional eligibility determination amounts (MCEDs) using inflation increases for existing WSIP projects or consider additional benefits from current projects and others the Commission found feasible prior to the January 1, 2022 deadline.

Background

Through the WSIP, the Commission will invest nearly \$2.6 billion in the public benefits of water storage projects, consistent with the requirements of Proposition 1, Chapter 8. In July 2018, the Commission made Maximum Conditional Eligibility Determinations (MCEDs), which set the amount of Proposition 1 funding potentially available to each project, for eight projects. In 2020, the Temperance Flat Reservoir project withdrew from the Program. The Commission subsequently made adjustments to the seven remaining projects' MCEDs in 2021, which included a 2.5% inflation adjustment to all projects as well as an adjustment to two projects that did not receive a full MCED based on the original request. At this time, the Commission looked into the possibility of new projects and considered pursuing another solicitation. Through this process, the Commission screened new potential projects, and found two new projects feasible. These two new projects are not currently considered existing, approved WSIP projects, but they are eligible to become approved projects should the Commission open a new solicitation. In March 2022, the Commission decided not to pursue another solicitation and made a second adjustment of 1.5% to the remaining projects' MCEDs and made an adjustment to the remaining project that did not receive a full MCED equal to the original request amount.

With the withdrawal of the LVE Project, there are six existing approved WSIP projects, and two feasible projects that could apply for WSIP funding if the Commission opens a new solicitation. No other projects may apply for WSIP funds. Of the six existing approved projects, one project received a final award at the June 2023 Commission meeting. The five remaining WSIP applicants are working to complete the remaining statutory requirements. These include obtaining permits and completed environmental documents, executing contracts for the administration of public benefits, and completing contracts for non-public benefit cost share. Once these requirements are complete, each remaining WSIP applicant will return to the Commission for a final award hearing.

This agenda item is related to Goal One of the Commission's Strategic Plan, which calls on the Commission to implement the WSIP to achieve public benefits.

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Meeting Overview

Commission staff will present an overview of the Commission's options for utilizing available funding and possible next steps.

This is an informational item.

Contact

Amy Young

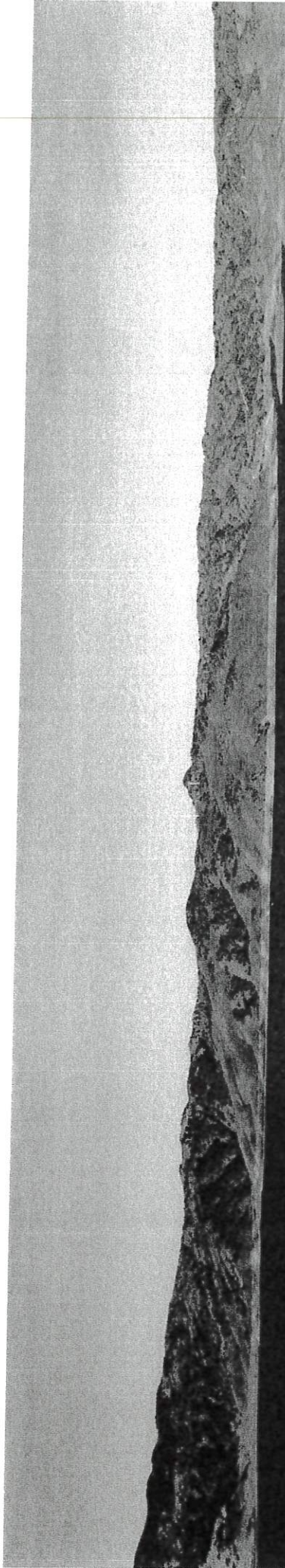
Program Manager

California Water Commission

(916) 882-2399

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Water Storage Investment Program: Options for Utilizing Funding

California  WATER COMMISSION February 2025

2025

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Today's Discussion

- Two sources of funding that have become available
 - Proposition 4
 - Los Vaqueros Reservoir Expansion
- Multiple options to utilize the funding
- Considerations and Next Steps

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Proposition 4 Overview

- In November, Prop 4 Water Bond passed, providing \$75M to WSIP
- Prop 4 did not amend Prop 1 so all Prop 1 requirements still apply
- Funds are to support timely completion of existing approved projects
- Existing approved projects are:
 - Harvest Water Program
 - Chino Basin Program
 - Kern Fan Groundwater Storage Project
 - Pacheco Reservoir Expansion Project
 - Sites Project
 - Willow Springs Water Bank Conjunctive Use Project

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Proposition 4 Overview

- Prop 4 funds can be used as inflation adjustments and for increase in benefits
 - Any increase in benefits must fit within the definitions of public benefits in Proposition 1 (Ecosystem, Water Quality, Recreation, Emergency Response or Flood Control)
- Two projects from 2021 screening process are not “existing approved,” but could be if Commission opens another solicitation

Los Vaqueros Withdrawal Overview

- In November, Contra Costa Water District (CCWD) sent letter withdrawing Los Vaqueros Expansion (LVE) project from WSIP
- CCWD presented to Commission at January 2024 meeting
- Remaining Maximum Conditional Eligibility Determination (MCED) from LVE total \$453.7 million

Original MCED:	\$477.6M
Less early funding:	<u>-\$23.9M</u>
Total available:	\$453.7M

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Possible Approaches for Utilizing Funding

- Total WSIP funding under consideration: \$526.3M
- Can give inflationary increases
 - Have done so in the past: 2021 and 2022
 - All available funding could be put toward inflation
- Can also look at increase in benefits from six existing approved projects and two projects that went through the 2021 screening process
- Can combine the two approaches

Option A: Maximize Inflationary Adjustments Immediately

- Commission could apply all possible funding to the six projects to cover inflation
- Would allow projects to request additional early funding, which could increase chance of sunk costs if projects don't move forward
- Could be done quickly with little effort by State or Projects

Inflationary Adjustments

- Per economists, 53% increase in inflation since 2015

	Chino Basin	Harvest Water	Kern Fan	Pacheco	Sites	Willow Springs	Total
Current MCED/Award Amount (all amounts in millions)	\$215.3	\$291.8	\$89.1	\$504.1	\$875.4	\$128.3	\$2,104.0
Total additional funding allocated pro-rata	\$53.9	\$73.0	\$22.2	\$126.1	\$219.0	\$32.1	\$526.3
MCEds/award with both LVE and Prop 4 funding allocated pro-rata	\$269.2	\$364.8	\$111.3	\$630.2	\$1,094.4	\$160.3	\$2,630.3

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Option B: Maximize Inflationary Adjustments After Assessing Projects' Viability

- Per strategic plan, Commission is using 2025 to better understand project timelines and challenges
- In early 2026, Commission could revisit topic and make adjustments to viable projects (no projects will be coming in for final award until after that date)
- Could adjust Harvest Water Program award amount now since project has already met Program requirements and received final award

Option C: Apply Prop 4 Inflation Adjustments Now and Delay Remaining

- Could use Prop 4 funding to make small adjustment now to all projects
- Could still adjust Harvest Water Program award amount now since project has already met Program requirements and received final award
- In 2026 or beyond, Commission could revisit topic and make adjustments to viable projects or direct staff to look into process for utilizing for increase in benefits

Proposition 4 Inflationary Adjustments

	Chino Basin	Harvest Water	Kern Fan	Pacheco	Sites	Willow Springs	Total
Current MCED/Award Amount (in millions)	\$215.3	\$291.8	\$89.1	\$504.1	\$875.4	\$128.3	\$2,104.0
Prop 4 funding allocated pro-rata	\$7.5	\$10.1	\$3.0	\$17.4	\$30.2	\$4.4	\$72.6
MCED/Award with Prop 4 Funding	\$222.8	\$301.9	\$92.1	\$521.5	\$905.6	\$132.7	\$2,176.6

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**Option D:
Utilize All Funding for Increase in Benefits**

- Projects in WSIP would not receive inflationary adjustment
- Could allow two screening projects found feasible in 2021 to apply for WSIP funding (2nd Solicitation)
- Increased State costs and applicant costs
- Long timeline

2/4

Increased Benefits Considerations

- Lengthy Timeline and Process
 - Reconsider technical reference and regulations
 - Ramp up/bring in additional staff
 - Additional time and effort for applicants
 - Open solicitation and evaluate applications/benefits
 - Commission decisions and agency work (public benefit contracting)
- Provides more public benefits for the dollars available (but no guarantee additional benefits exist)

Option E: Divide Funding Between Inflationary Adjustments and Increased Benefits

- Commission could decide to make an amount available for inflationary increase now and direct staff to look into process for utilizing the rest for increase in benefits
- Could allow two screening projects found feasible in 2021 to apply for WSIP funding
- Long timeline and increased State costs and applicant costs

Option E: Divide Funding Between Inflationary Adjustments and Increased Benefits

- Would require direction from Commission in how to divide up the funds:
 - Prop 4 inflation increase only, rest as increased benefits
 - Equal amount for inflation and for increased benefits
 - Majority for inflation, small amount for increased benefits

Comparison of Timing and Effort

Options	Time	Level of Effort
Option A. Inflation Adjustments Immediately	2 months	Minor for State and WSIP project proponents Can be done quickly; opens possibility of additional request for early funding
Option B. Delay Inflation Adjustments	1 year	Minor for State and WSIP project proponents
Option C. Apply Prop 4 adjustment immediately, delay additional inflation adjustments	1 year	Minor for State and WSIP project proponents
Option D. Utilize all funding for increased benefits and 2 nd solicitation	2-3 years	Major for State; minor to medium for current projects depending on whether they apply for increased benefits; major for projects applying for 2 nd solicitation
Option E. Divide funding between inflation adjustments and increased benefits	2-3 years	Major for State; minor to medium for current projects depending on whether they apply for increased benefits; major for projects applying for 2 nd solicitation

Considerations

- Considerable increases in inflation since 2015; existing projects could utilize all of the available funding
- Commission's Strategic Plan
 - Goals and Metrics for 2025 – closer look at project schedules
- Of the remaining projects with MCEDs, none are scheduled for final award until at least 2026
- Commission has discretion to remove projects from WSIP

Next Steps

- Today Commission discusses options, considers future actions and gives clear direction to staff:
 - What options staff should return with in March
 - If interest in 2nd solicitation, could inform future actions to take (regulations)
 - If interest in division of funding (Option E): how much for inflation, how much for 2nd solicitation
- Decision on using available funds can be made in March Commission meeting
- Commission can delay decision



HALLMARK Capital
GROUP Program
Management

B.F. Sisk Dam Raise & Expansion Project
Activity Agreement Investor Monthly Update

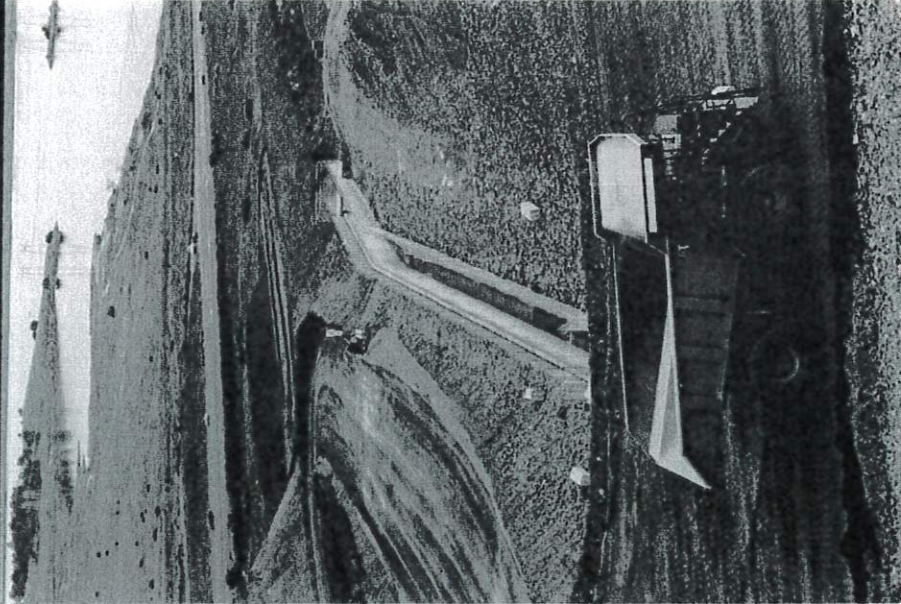
February 5, 2025

X D.

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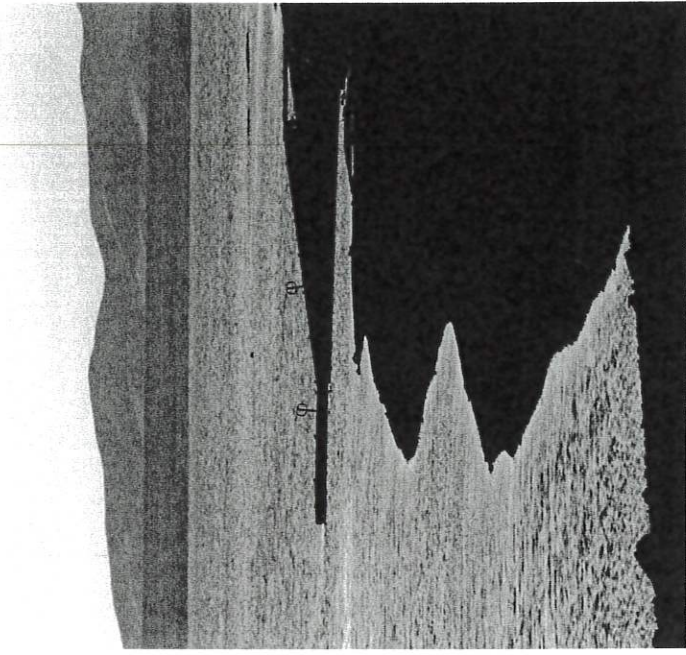
Agenda

1. Accomplishments
2. Agreements
3. Schedule
4. Budget & Funding
5. Project Updates
6. Next Steps



Accomplishments

- ✓ Cost Share Agreement Executed
- ✓ Activity Agreement Executed
- ✓ BUILD Grant Application Submitted
 - 10 Letters of Support Received:
 - Valley, Water Blueprint, Merced County, San Benito County Water District, BBID, WWD, Colombia Canal Co., Eagle Field, SJREC, CA Farm Water Coalition.*
 - Letter of Support from CalTrans

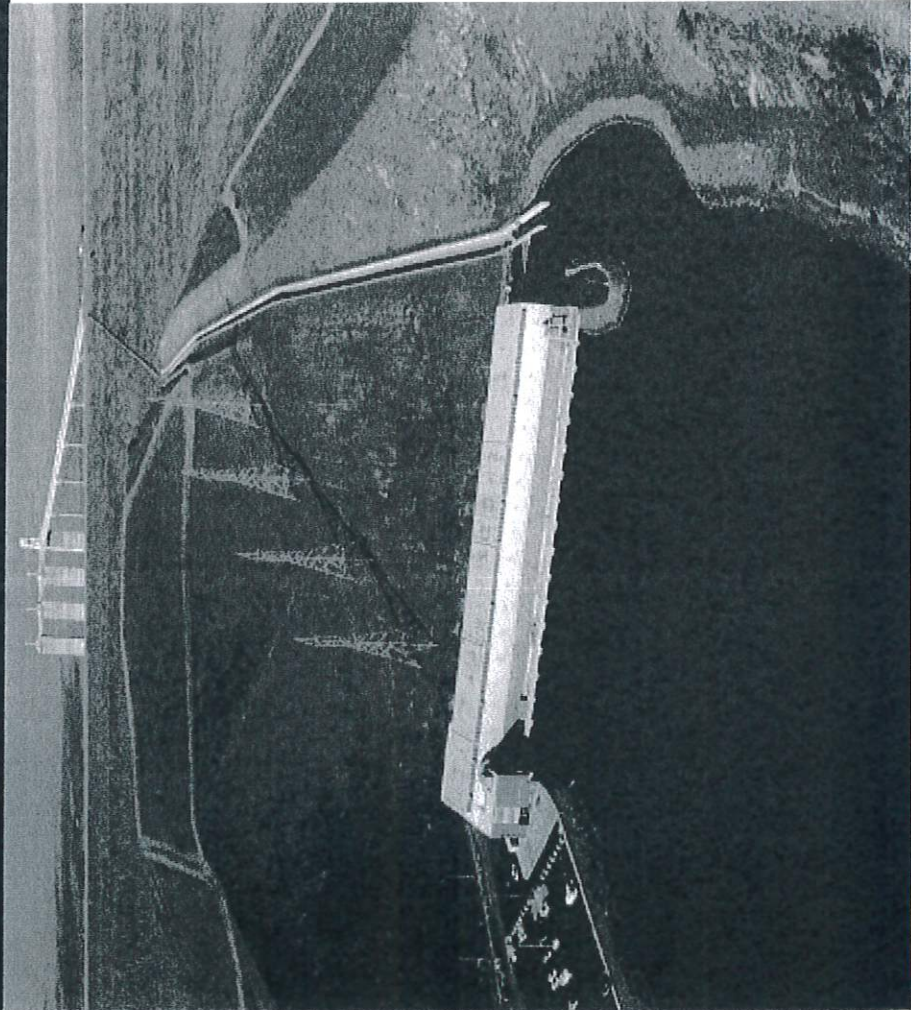


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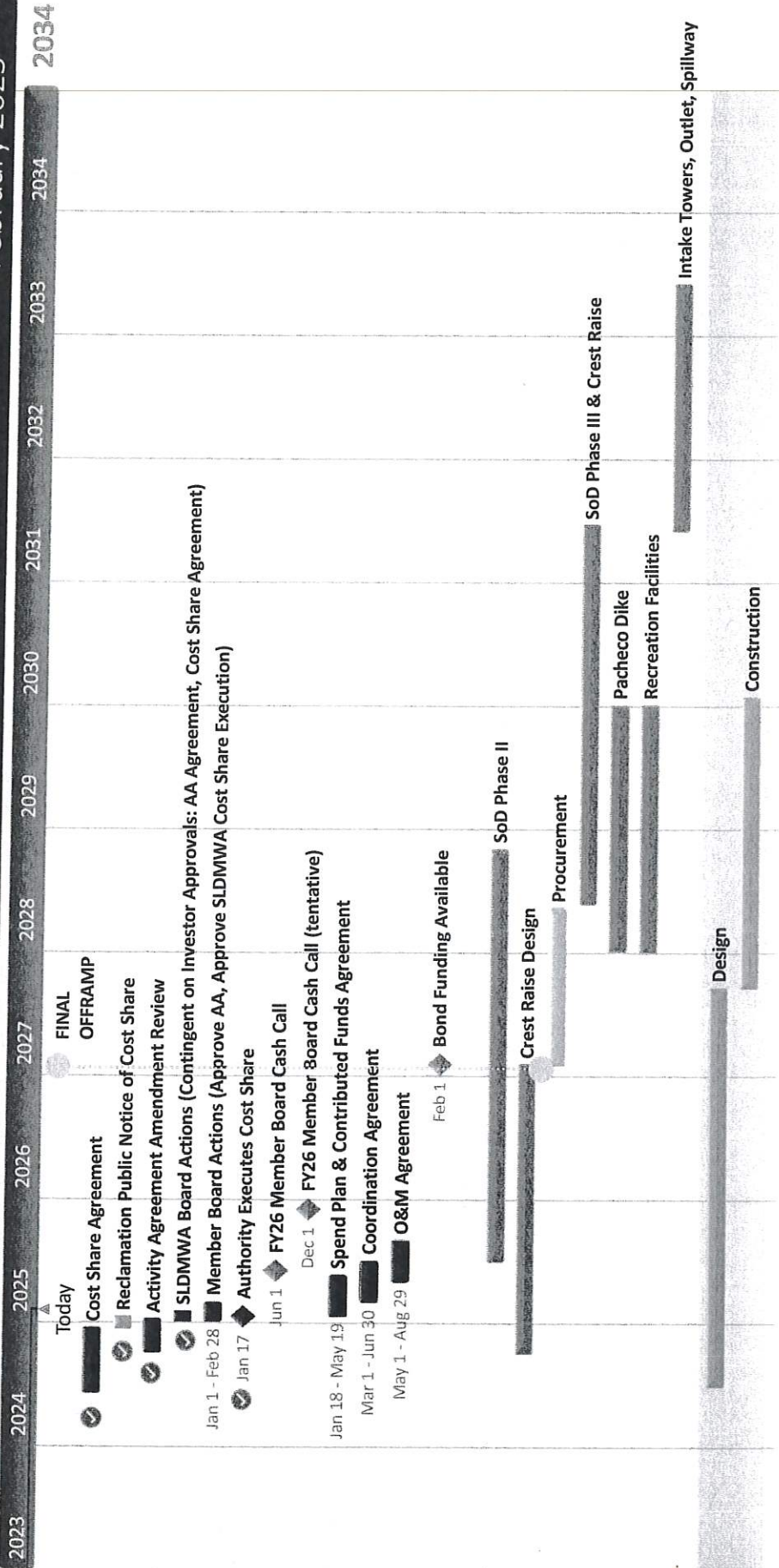
Agreements Status

- Cost Share Agreement Executed
- Exhibit Development In Progress: Spend Plan & Contributed Funds Agreement
- Activity Agreement Member Ratification Underway

Member	Expected Date of Action
Byron Bethany Irrigation District	2/18/25
City of Tracy	1/29/25 – signature received
Del Puerto Water District	1/22/25 – signature received
San Benito County Water District	1/29/25 – signature received
San Luis Water District	2/25/25
Valley Water	2/25/25
Westlands Water District	1/23/25 – awaiting signature



B.F. Sisk Dam Raise & Expansion Near Term Schedule February 2025



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Sisk Stage Gate Overview

February 2025

STAGE GATE I

PRE-CONSTRUCTION

- Reclamation Cost Share Agreement & Exhibits
- RoD Execution
- Validate Cost Estimate
- Updated Schedule
- Validate \$/AF Analysis
- Caltrans Design Decision Document Approval

March 2025 – February 2026
\$4,000,000 (~\$1.2M carried over)

STAGE GATE II

DESIGN

- Determine Implementation & Governance Plan (JPA?)
- Finance Plan (Bonding)
- Final Cost Estimate
- Final Schedule
- Final \$/AF Analysis
- 100% Design (Final Offramp)

March 2026 – February 2027
\$20,000,000

STAGE GATE III

CONSTRUCTION

- Bid Advertisement
- Bid Results & Final Cost

March 2027 – December 2032
\$693,000,000

B.F. Sisk Program Budget January 2025

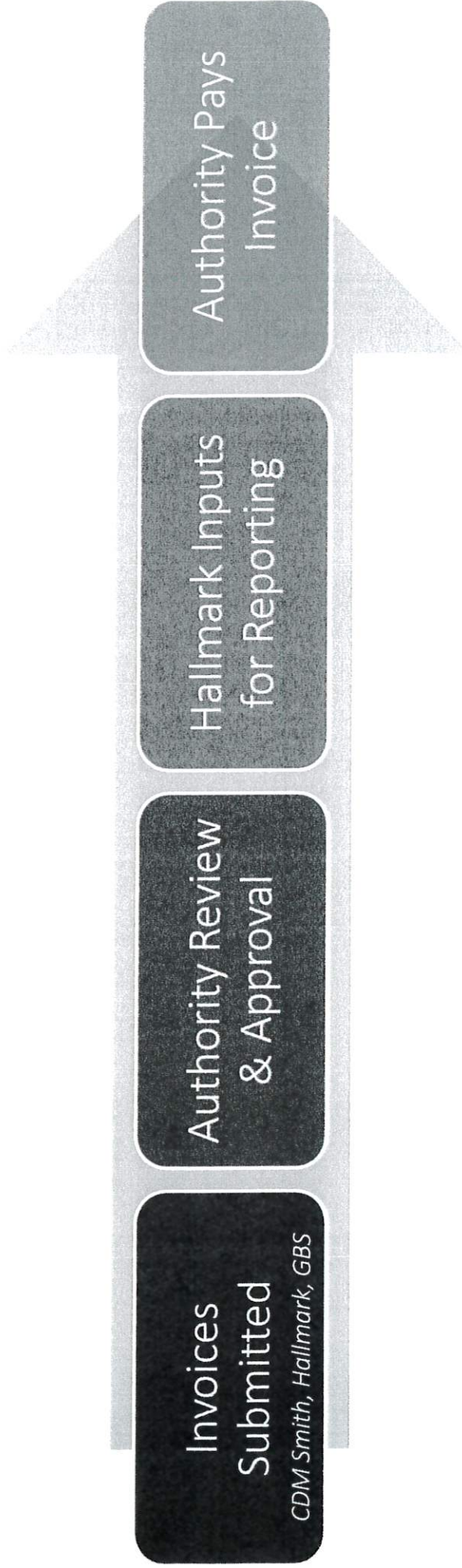
Program budget aligns
with proposed Spend
Plan categories for
reporting consistency



Budget Cost Category	Estimated Project Cost	Authority Costs-to-Date	Reclamation Costs-to-Date	Estimated Costs-to-Complete
Program Management				
Project Management	\$ 4,767,408			\$ 4,767,408
Project Controls	\$ 901,158			\$ 901,158
Planning/Permitting	\$ 4,109,738			\$ 4,109,738
Financial	\$ 237,735			\$ 237,735
Legal (General and Bond Counsel)	\$ 198,668			\$ 198,668
Safety & Risk Management	\$ 125,000			\$ 125,000
In-House Staff	\$ 500,000			\$ 500,000
Outreach	\$ 100,000			\$ 100,000
Contingency	\$ 2,042,710			\$ 2,042,710
Total Program Management	\$ 12,982,417	\$ -	\$ -	\$ 12,982,417
HWY 152				
Project Management	\$ 14,760,000			\$ 14,760,000
Planning & Design	\$ 24,109,738			\$ 24,109,738
Construction	\$ 415,189,065			\$ 415,189,065
ROW/Acquisition	\$ -			\$ -
Contingency (15%)	\$ 62,278,360			\$ 62,278,360
Total HWY 152	\$ 516,337,163	\$ -	\$ -	\$ 516,337,163
Reservoir Expansion				
Project Management	\$ 14,652,900			\$ 14,652,900
Crest Raise				
Design	\$ 27,000,000			\$ 27,000,000
Construction	\$ 412,176,105			\$ 412,176,105
Contingency (15%)	\$ 61,826,415			\$ 61,826,415
Total Reservoir Expansion	\$ 515,655,420	\$ -	\$ -	\$ 515,655,420
Total	\$ 1,044,975,000	\$ -	\$ -	\$ 1,044,975,000
Planning Costs (prior to March 1, 2025)		\$ 4,558,360	\$ 519,182	

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Project Controls and Reporting



**SLDMWA B.F. Sisk Dam - Project Budget FY26
March 2025**

Budget Cost Category	FY26 Budget	Current Month Budget	Current Month Actual	Current Month Budget Variance	Projected Budget FYTD	Actual Costs FYTD	FYTD Budget Variance Over/(Under)
Program Management							
Project Management	\$ 1,115,296	\$ 92,941	\$ -	\$ 92,941	\$ 92,941	\$ -	\$ 92,941
Project Controls	\$ 211,640	\$ 17,637	\$ -	\$ 17,637	\$ 17,637	\$ -	\$ 17,637
Grant Admin	\$ 68,696	\$ 5,725	\$ -	\$ 5,725	\$ 5,725	\$ -	\$ 5,725
Financial	\$ 85,000	\$ 7,083	\$ -	\$ 7,083	\$ 7,083	\$ -	\$ 7,083
Legal (General and Bond Counsel)	\$ 131,430	\$ 10,953	\$ -	\$ 10,953	\$ 10,953	\$ -	\$ 10,953
Safety & Risk Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
In-House Staff	\$ 60,000	\$ 5,000	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ 5,000
Outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ODC & Travel	\$ 24,000	\$ 2,000	\$ -	\$ 2,000	\$ 2,000	\$ -	\$ 2,000
Contingency	\$ 352,435	\$ 29,370	\$ -	\$ 29,370	\$ 29,370	\$ -	\$ 29,370
Total Program Management	\$ 2,048,497	\$ 170,708	\$ -	\$ 170,708	\$ 170,708	\$ -	\$ 170,708
HWY 152							
Planning & Design	\$ 1,547,759	\$ 128,980	\$ -	\$ 128,980	\$ 128,980	\$ -	\$ 128,980
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total HWY 152	\$ 1,547,759	\$ 128,980	\$ -	\$ 128,980	\$ 128,980	\$ -	\$ 128,980
Reservoir Expansion							
Crest Raise	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Reservoir Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,596,256	\$ 299,688	\$ -	\$ 299,688	\$ 299,688	\$ -	\$ 299,688

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B.F. Sisk Contributed Funds Overview

Entity	Estimate	Reporting Period
Reclamation	\$649,070	Through January 2025
Authority	\$4,778,558	Partial through December 2024

B.F. Sisk Preliminary Investor Cash Call

Requested Storage Capacity as of January 30, 2025

Agency	Revised Requested Storage Capacity (AF) ¹	Requested Storage Capacity Allocation	Total Project Funding Needed Through FY26 ²	Agency Payments		Balance Due	Payment 1		Payment 2	
				July 2023	July 2025		June 1, 2025	Dec 1, 2025		
Byron Bethany Irrigation District (CVPSA)	1,007	1.11%	56,066	26,750	26,750	29,316	14,658	14,658	14,658	14,658
City of Tracy	5,033	5.53%	279,318	133,751	133,751	145,567	72,784	72,784	72,784	72,784
Del Puerto Water District	3,674	4.04%	204,059	97,638	97,638	106,421	53,210	53,210	53,210	53,210
San Benito County Water District	5,033	5.53%	279,318	133,751	133,751	145,567	72,784	72,784	72,784	72,784
San Luis Water District	4,527	4.97%	251,033	120,306	120,306	130,727	65,363	65,363	65,363	65,363
Santa Clara Valley Water District	60,398	66.37%	3,352,323	1,605,015	1,605,015	1,747,308	873,654	873,654	873,654	873,654
Westlands Water District/Broadview WD	11,328	12.45%	628,845	133,751	133,751	495,094	247,547	247,547	247,547	247,547
Total	91,000	100.00%	5,050,962	2,250,962	2,250,962	2,800,000	1,400,000	1,400,000	1,400,000	1,400,000

¹ Pacheco prior interest of 600 AF has been allocated pro rata.

² Includes a reconciliation of all changes in commitments and allocations to date.

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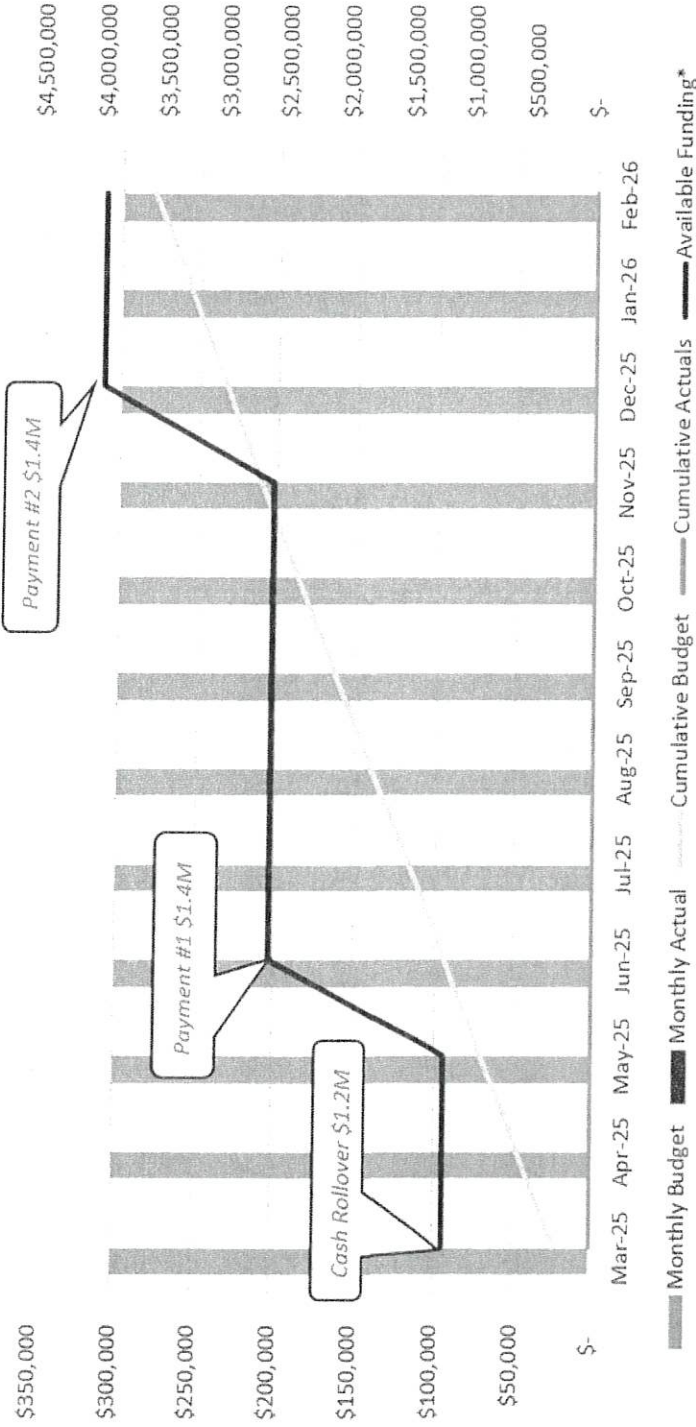
Sisk Active Contracts and Progress Billings

January 2025

Contractor/ Consultant/ Vendor	Primary Responsibility	Contract Term (for Current Maximum Contract Value/NTE Only)	Maximum Contract Value/NTE	Contract Billed Through Dec 2024	Remaining Contract Value	% Term % Expired Billed
Hallmark Group	Project Management/ Controls	05/09/2022 - 04/02/2027	\$ 1,169,126	\$ 1,077,919	\$ 91,207	54% 92%
CDM Smith	Planning/Permitting	11/12/2019 - 06/26/2025	\$ 3,392,497	\$ 3,236,730	\$ 155,767	91% 95%
Gray Bowen Scott	Design Support	02/03/2020 - 02/28/2025	\$ 257,760	\$ 189,632	\$ 68,128	97% 74%

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B.F. Sisk Dam Raise & Reservoir Expansion FY26 Budget vs Actuals

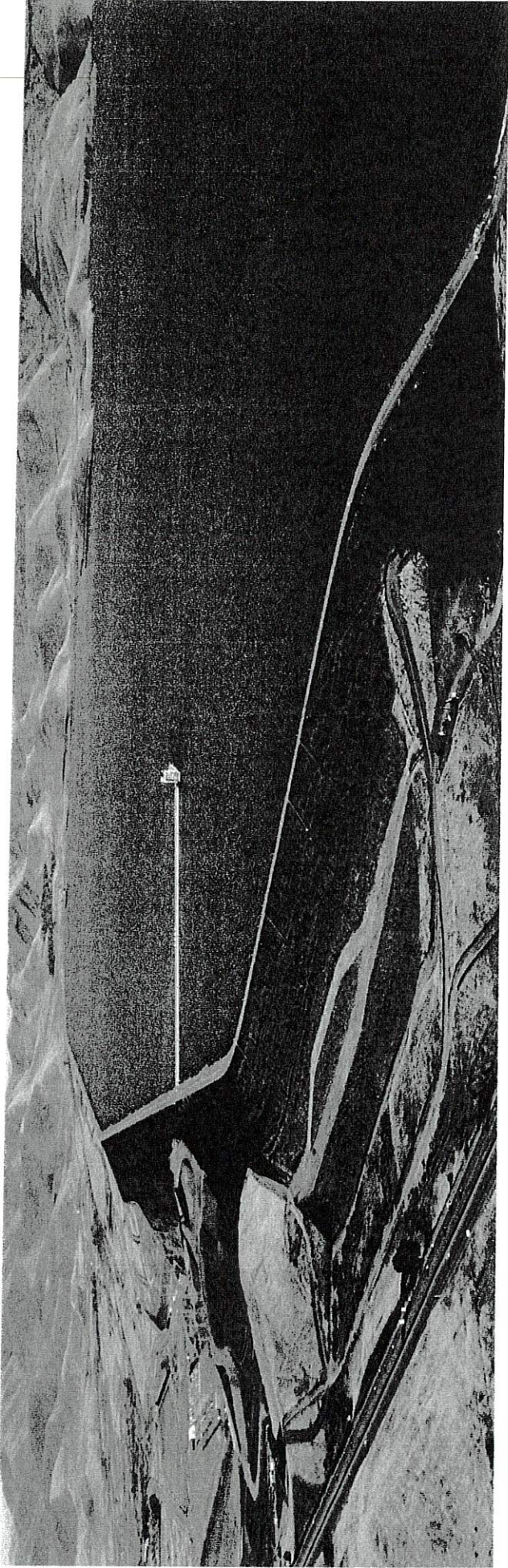


* Note: Remaining FY25 funding will rollover to FY26

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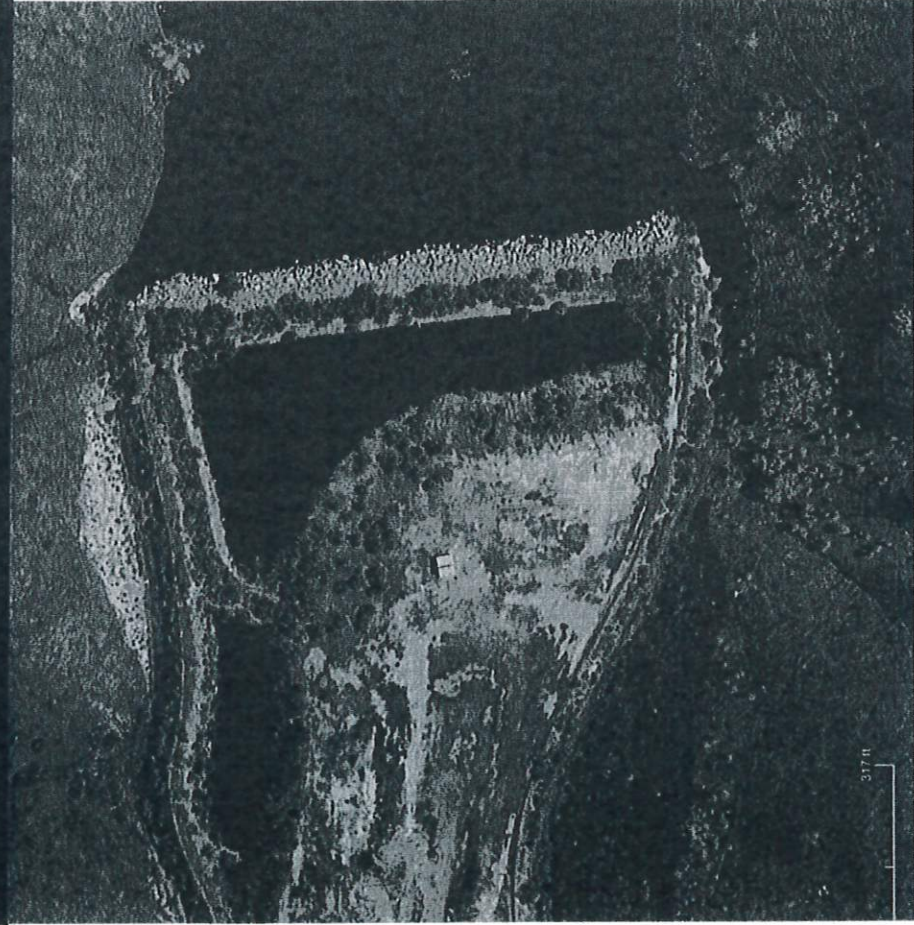
Project Funding Activities

- BUILD Grant Application Complete
- Draft state legislation
- Potential federal authorizations, including budget reconciliation, federal appropriations, transportation bill, and Farm Bill
- Potential Water and/or Transportation Bonds
- Reviewed and developed matrices for state and Federal funding opportunities, awaiting discretionary grant noticing



BOND ISSUANCE UPDATE

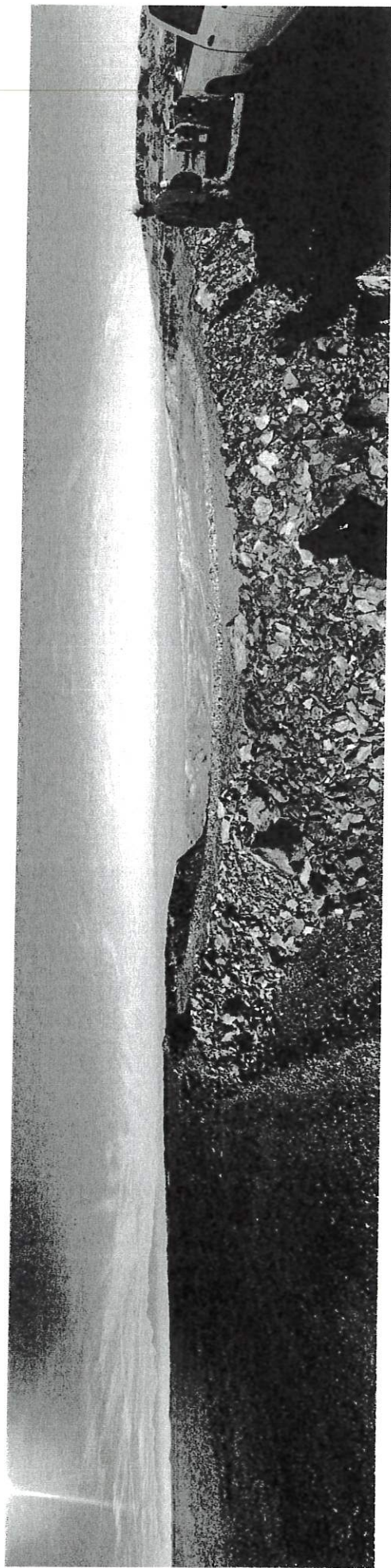
Pacheco Dike Removal



- Tech Memo issued by Reclamation summarizes that the Pacheco Dike is not required for the Project.
- The 15.4' of existing freeboard is sufficient to prevent flooding of the pumping plant.
- This will eliminate the need for a Lake and Streambed Alteration Agreement permit and reduce construction costs.
- Approximately \$30M in costs will be reallocated to contingency.

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Investor Site Tour Potential March Dates



Next Steps

- Member Ratification of Activity Agreement and Cost Share Agreement
- Cost Share Exhibit Development:
 - Spend Plan
 - Contributed Funds
- Cash Call June 1, 2025
- Investor Site Tour



X. D

Anthea Hansen

From: J. Scott Petersen <scott.petersen@sldmwa.org>
Sent: Friday, February 14, 2025 5:18 PM
To: J. Scott Petersen
Subject: UPDATE: Asm. Soria introduces bill to fund SR-152 improvements to improve affordability for San Luis Reservoir

Good afternoon Authority Board Members, Alternates, GMs, and State Affairs Coordination Workgroup,

Below, please find an announcement from Asm. Soria, who has introduced AB 707, legislation that would appropriate \$455.5 million for improvements to State Highway Route 152, which are needed to accommodate increasing the water capacity of the San Luis Reservoir.

Best, Scott

J. Scott Petersen, P.E.
Pronouns: (he/him/his)
Water Policy Director
San Luis & Delta-Mendota Water Authority

Please note: I work very flexible hours and am sending this email at a time that is convenient for me, so please respond at a time that is convenient for you. I do not expect a response outside of your working hours.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Just went out: <https://a27.asmdc.org/press-releases/20250214-assemblywoman-soria-introduces-ab-707-fund-hwy-152-improvements-needed>

Assemblywoman Soria Introduces AB 707, to Fund Hwy 152 Improvements Needed for Expanding San Luis Reservoir

For immediate release:

Friday, February 14, 2025

- Brody Fernandez
- (916) 276-3390
- brody.fernandez@asm.ca.gov

SACRAMENTO, CA – Today, Assemblywoman Esmeralda Soria (D-Merced), introduced AB 707, which will appropriate \$455.5 million for improvements to State Highway Route 152, which are needed to accommodate increasing the water capacity of the San Luis Reservoir.

“California’s water system desperately needs increased water storage capacity in order to meet the needs of both our residents and our agriculture economy,” said Soria. “In order to increase this capacity, the surface of the B.F. Sisk Dam and the San Luis Reservoir must be raised. However, this means State Route 152, which crosses over the reservoir must also be raised and improved.”

AB 707 helps deliver on California’s promise to secure water for its residents by providing funding for the state’s portion of the reservoir expansion project, and modifications of State Route 152.

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“Since its completion in 1967, the San Luis Reservoir has served as the hub of our water storage system for the farms, communities, and ecosystems reliant on south-of-Delta water supply,” said Board Chair of the San Luis & Delta-Mendota Water Authority Cannon Michael. *“The Authority thanks Assemblywoman Soria and our legislative delegation for their support to improve the affordability of this critical water storage improvement by working to secure state funds to improve unrelated public safety improvements on State Route 152.”*

“Given the reality of extreme weather caused by climate change, it is vital to invest in water supply storage projects that help support the people and businesses of California,” said Valley Water Board Chair Tony Estremera. *“Thank you to Assemblywoman Soria for introducing a bill that provides critical transportation safety benefits and supports the Sisk Dam Raise and San Luis Reservoir Expansion Project, which will improve water supply reliability to 2 million people in Santa Clara County and help lessen the financial burden on our local ratepayers.”*

###

Assemblywoman Esmeralda Soria represents the 27th Assembly District which includes communities in Fresno, Madera, and Merced counties.