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## Memorandum

To: Jarrett Martin, General Manager, Central California Irrigation District (CCID)  
Anthea Hansen, General Manager Del Puerto Water District (DPWD)  
Steve Chedester, Director of Policies and Programs, San Joaquin River Exchange  
Contractors Water Authority (SJRECWA)

From: Rick Iger

Subject: **Orestimba Creek Recharge and Recovery Expansion Project – Status Update**

Date: October 14, 2021

**Bold text represents information added since the previous memorandum.**

### Background:

The SJRECWA has identified a water supply/storage goal of 50,000 acre-feet and a peaking capacity goal of 500 cfs to avoid impacts from Critical Years, source shifting to the San Joaquin River (SJR), or restrictions on pooling water for peak irrigation demand. Studies and Pilot Program tests have determined that the potential recharge capability of Orestimba Creek alluvial fan is suitable to help meet those goals. In addition, due to shortages in the Central Valley Project (CVP), Del Puerto Water District (DPWD) is seeking recharge and recovery to help alleviate future shortages. As a result of the mutual interests, the Exchange Contractors and DPWD have partnered to complete a project to help achieve progress toward meeting those goals.

The Orestimba Creek Recharge and Recovery Expansion Project (Expansion Project) proposes to expand the existing 20-acre groundwater recharge facility near Orestimba Creek to about 80 acres. This project would store high flow and carryover supplies which would include groundwater replenishment to offset nearby groundwater demands as well as regulate supplies to provide a critical year water supply and provide water to meet peak demands in the summer.

The project participants include CCID, DPWD, and SJRECWA. Provost & Pritchard (P&P) was retained to assist in designing, permitting and environmental compliance sufficient to enable construction of the project. The Project is moving forward under CCID's lead on behalf of the SJRECWA with cost sharing with DPWD. Each entity has been paying their own expenses for its respective role.

CCID has received several grants to move the project forward beyond the feasibility level to initiate construction of the expanded project. In 2020, CCID received a Grant Award of \$809,000 from the Integrated Regional Water Management Plan (IRWMP) State Grant Program to assist in development of the Expansion Project. In February 2021 CCID also received contingent award under the Stormwater Grant Program administered by the State Water Resources Control Board (SWRCB) of \$5.6 Million for construction of the Expansion Project. The project will consist of an additional 60-acres of recharge ponds, use of existing DPWD turnouts from the Delta-Mendota Canal (DMC), a proposed turnout from Orestimba Creek, and new pipelines to convey the flows to the recharge ponds. Additionally, the project includes completion and use of wells sufficient to

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recover the water stored in two consecutive dry/critical years. For purposes of the environmental analysis 8 recovery wells, which are proposed to be designed by Kenneth D. Schmidt and Associates (KDSA) and District staff, well discharges and appurtenances, and associated pipelines have been included. Analysis of construction and operations of conveyance, recharge and recovery facilities will be included in the environmental and permitting documents.

## Current Work:

While developing the specific budget and agreements, the participants authorized phasing the work to quickly develop the 30% design and flush out any major permitting or environmental concerns including developing a coordinated effort with the Bureau of Reclamation (USBR) on CEQA/NEPA compliance so Reclamation can evaluate the feasibility of continuing with the project to completion. Phase 1 consists of bringing the project design to 30%, a topographic survey, downloading required permit applications, and coordinating with USBR on CEQA/NEPA compliance and work within DMC right-of-way.

Work started on October 15, 2020 with the project kick-off meeting with staff from CCID, DPWD, SJRECWA and P&P in attendance. We discussed project administration, schedule, design components, permitting and environmental work coordination. During the meeting there was significant discussion regarding the various components and proposed alignments. The plan was to have the 30% design complete by mid-December; however, access agreements for survey work required from various landowners and agencies took longer than expected to get in place. The Districts are working on overall well location plan. Well locations are a critical path item for moving forward with environmental and permitting work. Biological, cultural, and geotechnical studies will need to be completed for all components including well locations. Once well locations have been identified, all access agreements will need to be amended to allow for ground disturbing activities before these studies can be completed. The following is a list of work activities with descriptions of work completed to date.

### 1. Landowner Outreach

- a. State: The State of California Department of Water Resources (DWR) owns the property between Bell Road and I-5 along Orestimba Creek. Right of Entry for the Orestimba Creek Turnout has been issued for non-ground disturbing activity which included topographic survey of the turnout site. Need to determine timing of Biological and Cultural Field work and get back to State et al. Same for Geotech. All on hold for well locations. Ground disturbing field work is on hold until well sites are identified. CCID has requested an amended Temporary Entry Permit from DWR for Biological and Cultural surveys. The proposed schedule is for April 26 to June 30 in case follow-up surveys are needed.
- b. Private landowners: Participants are setting appointments with landowners for well sites and surveys. Alternative Pipeline alignments also needed to be surveyed and discussed with three landowners along the routes. Meetings have been held and survey of pipeline routes are completed. Meetings have been held with several property owners from Bell Road to the CCID Main Canal. Potential joint use of existing wells and new well sites were discussed. Based on those discussions, the Participants are exploring recovery well target locations east and north of the recharge ponds. Anthea and Ben will be setting up meetings with landowners to discuss project operations and benefits to adjoining landowners. **Anthea and Jarrett have been working with owner of the 80 acre pond site to initiate purchase discussions.**
- c. SLDMWA: Right of Entry request approved provided no ground disturbance. Need to initiate amending for the ground disturbing activities for Biological and Cultural surveys.

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Questions regarding use of the existing box culvert under the DMC at Bell Road and placing facilities within DMC property will be coordinated with SLDMWA and USBR. CCID has requested and received an amended Temporary Entry Permit from SLDMWA for the proposed schedule for Biological and Cultural surveys, April 26 to May 7, 2021. **The SLDMWA Access Permit will be extended to cover additional exploratory work within Reclamation right-of-way once the State Historic Preservation Office (SHPO) consultation is completed by Reclamation.**

- d. USBR: Right of Entry agreement approved for Surveys provided no ground disturbance. Need to initiate amending for the ground disturbing activities for Biological and Cultural Surveys. USBR defers to SLDMWA for processing Temporary Entrance Permits. CCID has requested and received an amended Temporary Entry Permit from SLDMWA for the proposed schedule for Biological and Cultural surveys, April 26 to May 7, 2021. The Cultural sub-contractors submit a separate request directly to USBR for the specifics of their work. AE submitted the Fieldwork Authorization Permit to USBR on 5/21/21 and it was authorized on 5/28/21 for non-ground disturbing activity. **AE and Live Oak completed non-ground disturbing surveys.**
2. USBR Coordination
    - a. Letter of Agreement (LOA): USBR is developing a cost estimate to include in the LOA. USBR requested copy of survey map with preferred pipeline route plotted and white papers on potential conveyance of Orestimba Creek water in DMC and other Participants' water sources for recharge. SJRECWA has white paper from LBCDR Storage POC and will update for Orestimba. Participants drafted white paper on conveying Orestimba flow in DMC, being reviewed up chain of command at Reclamation. Steve Chedester taking the lead on this effort. Once LOA executed need to set up virtual tour with USBR staff. The LOA was executed at the end of February, allowing Reclamation Staff to work on the permitting and environmental documents. Cultural and Biological non ground disturbing field work was completed June 1 – 4, 2021. **Cultural and Biological reports were received from subconsultants and have been reviewed by USBR. Once USBR accepted the Bio Report and provided comments on the Cultural report. Edits to the Cultural Report are being made by AE. Once completed, USBR will submit the SHPO Section 106 Consultation letter which has about a one-month turnaround for SHPO consideration. Once completed, the aquatic resources and Geo-technical activities can be completed.**
    - b. CEQA/NEPA: Initial discussions with USBR have started on a joint CEQA/NEPA document. USBR has provided the new format and P&P has submitted a revised project description. Awaiting LOA execution for launch of Joint Document preparation. Discussions have been occurring weekly on the project description and Area of Potential Effect (APE). The Project Description has been updated to reflect new components of the project and the proposed operations plan. P&P staff is coordinating merging the project description into the Joint CEQA/NEPA document. The APE map was revised again to reflect a decrease in APE area and the project description was also revised to match the revisions to the APE map. Revised proposals were received from Live Oak Associates and Applied Earthwork for the biological and cultural studies based on revised project description and APE. Biological survey began on June 3, 2021 and the cultural survey began on June 1, 2021. Adam worked with subconsultants to gain access to certain properties. **Biological and cultural subconsultants completed additional site work and reports which were provided to P&P for inclusion in the CEQA/NEPA document. Once the 106 Consultation is completed by USBR and SHPO, the aquatic resources**

- delineation site investigation and biological study will be completed and incorporated into the draft CEQA/NEPA document .**
- c. Initial Draft Project Description: Sent to Participants and Reclamation. Reclamation requested insertion of water source in Project description and possible need for a Warren Act Contract or other DMC wheeling/exchange arrangement. The Project Description summary was described to Reclamation over a series of meetings and submitted with edits on April 9, 2021. Additional revisions were made to the project components and APE. Revised project description and APE map were prepared and distributed to subcontractors, Reclamation and participants.
  - d. **Anthea and Jarrett will be meeting with Reclamation in June regarding Pond Operations and sources of supply.**
3. Permits
- a. Downloaded and began filling in the following permit applications:
    - i. Lake and Streambed Alteration Notification from CDFW
    - ii. 404 Permit from USACE
    - iii. 401 Water Quality Certifications from RWQCB
    - iv. License Agreement Permit from USBR
    - v. MP620 Permit from USBR for additions or alterations to USBR owned facilities.
    - vi. Encroachment Permits from Stanislaus County for pipelines crossing County Roads.
    - vii. **Participants are discussing which water right application process is best for moving the project forward quickly.**
4. Design
- a. Topographic Survey: Survey has been completed for Orestimba Creek turnout, pipelines, ponds, and pump station.
  - b. Design Criteria Memo: the draft design criteria memo will be completed and submitted to Participants for review during last week of January 2021.
  - c. Plans: 30% plans will be completed and submitted to Participants for review during last week of January 2021.
  - d. The 30% design memo and plans were submitted to Participants on February 4, 2021 and reviewed in a couple of workshops with final comments received on February 18, 2021.
  - e. After meeting with Reclamation and several landowners along the pipeline routes to the recharge ponds, additional modifications to the design were warranted including placing the north-south pipeline outside of Reclamation property and removing and replacing DMC turnout control boxes to accommodate larger pipeline connections.
  - f. A workshop was held with the Participants to evaluate the recharge pond sizing and recovery goals. A spreadsheet was developed to look at how many acres of ponds and sizes of pipelines were needed to meet the goal of recovering 10,000 acre feet per year during two consecutive dry and/or critical water supply years. The decision was made to size the facilities to absorb 22,000 acre feet in a wet year, where water would be available to the Participants over 150 days. The results showed that 80 Acres were needed at the recharge rate of 2.0 feet per day, and that 80 cfs could be delivered with the pipes as sized in the Design Memorandum:
    - i. 35 cfs from Orestimba Creek Turn Out and Booster Pumps into a 36" pipe running north to south to the junction with the MP 51.65L pipe;
    - ii. 35 cfs from DMC TO at MP 51.65L into a 36" pipe transitioning to 48" where the Orestimba pipe intersects; and
    - iii. 35 cfs from DMC TO at MP 52.40L into a 36" pipe along Orestimba Road.
  - g. Irrigation lines and other utilities were identified during the 50% design. P&P will be soliciting proposals for companies that can locate the irrigation lines and Underground

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Service notifications were distributed to the utilities in the area. **Responses have been received from utilities in the area and have been incorporated into the design.**

- h. **Anthea will check to see if they have used pipe daylighting companies.**
  - i. **P&P is continuing the 60% design effort and has modified the 30% drawings for the DMC 51.65L and 52.40L connections to the pipelines leading to the recharge ponds. Participants have reviewed and approved moving forward with including the revised drawings into the Plan Set. P&P submitted the 50% complete plans, specifications and construction estimate to the participants on 9/14/2021 for review and comment.**
  - j. **CCID and DPWD are continuing efforts to identify well sites for the recovery part of the project. They are working with Kenneth D. Schmidt and Associates on evaluating new aquifer information from the pilot holes in the area. The new information will help inform the decision on where to place wells and at what depth to complete them.**
5. Other Items
- a. **Prop 68 Grant Application: Project Description info has been provided to Woodard and Curran who are assisting the Coordinated Delta-Mendota Basin Group submit a DWR Prop 68 SGMA Grant Application. Orestimba Description for current IRWM Grant included 35 cfs conveyance to ponds. Prop 68 was similar description as IRWMP Grant Application. The Prop 68 application has about \$1M in grant request and construction of full project with local/other cost share. The Project Description is the same as IRWM grant which provided \$809,000 Grant Award. The Prop 68 Grant was not awarded for the Delta-Mendota Application, a technical review is underway to see if DWR missed something in understanding the projects.**
  - b. **The Storm Water Grant contingent award required some follow up on the grant agreement, budgets, schedule and budget narratives. Those went to Woodard and Curran between April 5<sup>th</sup> and April 15<sup>th</sup> and have been submitted by them and CCID back to the State Board. Participants are working with SWG Administrators to finalize grant agreement documents, which include updated budgets and cost tracking forms.**
  - c. **The project schedule has been updated to reflect the SHPO and Permit consultation processes which has pushed the construction schedule into 2023.**

### Next Steps:

1. Actions required by Participants:
  - a. Review and provide comments on Design Criteria Memo and finalize proposed facility locations and capacities. **DONE**
  - b. Review and provide comments on 30% plans. **DONE**
  - c. Determine locations for recovery wells. Ongoing; refine sites with KDSA and meet with specific owners. Ben has a driller lined up for water well pilot holes for logging, should be on site in the next couple of weeks. Once results are reviewed by Ken Schmidt, well sites will be selected. Still need to get access agreements with growers for final well sites and pipeline alignments once Ken's recommendations are received. **Ken has evaluated 4 sites and is recommending other sites to explore and what yield is expected.**
  - d. **DPWD has been collecting water quality samples over the summer from growers in project area to help with selecting recovery well locations.**
  - e. Assist with obtaining Right of Access agreements for ground disturbing biological, cultural, and geotechnical investigations. **Ongoing**

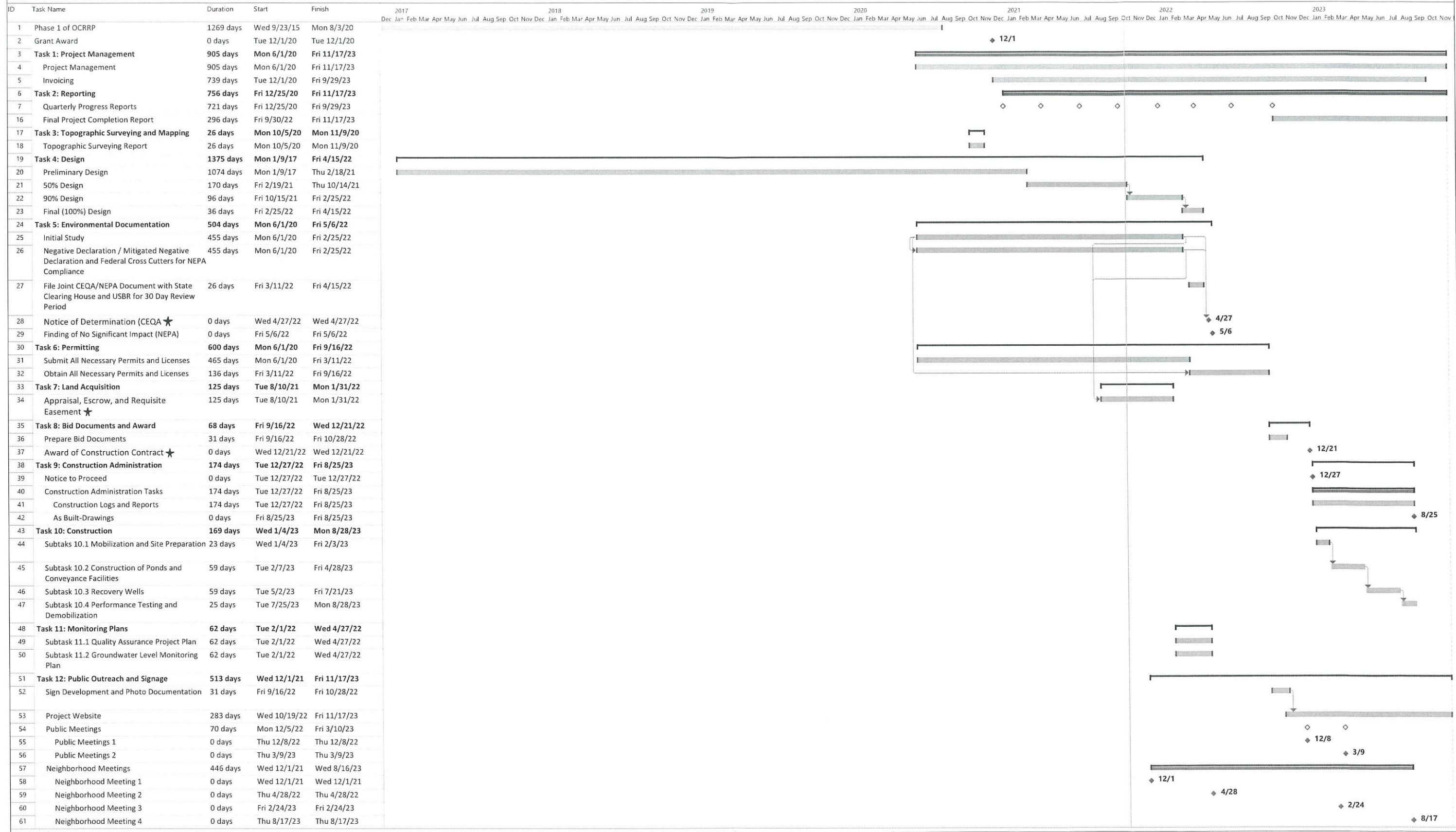
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2. Actions required by P&P:
  - a. Once well locations have been determined and remaining right of entry agreements have been approved, complete field survey work with Geotechnical, Biological and Cultural Subconsultants. **Ongoing**
  - b. Finalize Design Criteria Memo and 30% plans based on Participant comments. **DONE**
  - c. Work with Participants, agencies, and landowners to amend **temporary** right of entry permits for ground disturbing activities. Amended temporary access permits have been received from agencies and biological and cultural surveys have begun. **Non-ground disturbing surveys have been completed. Geotechnical work will begin once the Section 106 consultation with Reclamation and State Historical Preservation Office and Tribal notification and coordination efforts are complete.**
  - d. Incorporate final facility locations, and biological and cultural investigations into draft environmental document. **P&P will work with Participants and Reclamation on merging the new Project Description into the CEQA/NEPA document and incorporate results of biological and cultural investigations once complete in mid-June. Project component changes were discussed with Reclamation on April 23<sup>rd</sup>. The revised project description and biological investigation has been incorporated into the CEQA/NEPA document. The cultural investigation will be incorporated once USBR's comments have been incorporated and the investigation has been finalized.**
  - e. Continue preparation of draft permit applications. **Ongoing**
  - f. Once directed by the Participants, prepare draft specifications and 50% plans. Started 60% plan drawings March 3, 2021. **The 50% plans, specifications and engineer's estimate for construction were submitted to participants on September 14, 2021. Once comments are incorporated into design set, the plans will be provided to Reclamation, SLDMWA and SWG Administrator.**
3. Actions required by others:
  - a. Once well locations have been determined and right of entry agreements have been amended for ground disturbing activities, perform geotechnical investigation. **Ongoing**
  - b. Once well locations have been determined and right of entry agreements have been amended for ground disturbing activities, perform biological investigation. **Ongoing**
  - c. Once well locations have been determined and right of entry agreements have been amended for ground disturbing activities, perform cultural investigation. **Ongoing**
  - d. USBR to finalize LOA and associated budget for review and payment of deposit by Participants. **DONE**
  - e. USBR Environmental team to have a kick-off meeting with P&P and Participants. **DONE**
  - f. USBR and SJRECWA Land and Right of Way team to have virtual tour of project facilities with P&P and Participants. **DONE with Reclamation and with SLDMWA. An on-site field tour occurred on August 10, 2021 with Participants, Reclamation Cultural staff and SLDMWA staff to review the Area of Potential Effect (APE).**

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### Orestimba Creek Recharge and Recovery Expansion Project Schedule



Project: Orestimba Creek Recharge and Recovery Project  
 Date: 7/2/2020  
 Legend: Milestone ◆ Summary [ ] Rolled Up Milestone ◇ Task [ ] Board Action Required ★

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1 necessary for the acquisition of real property by the  
2 United States Government.

3 SEC. 123. During the period covered by this Act, the  
4 limitation at section 2208(1)(3) of title 10, United States  
5 Code, shall not apply with respect to advance billing for  
6 orders for relief efforts related to the COVID-19 pan-  
7 demic.

8 SEC. 124. (a) Funding provided in prior Acts making  
9 appropriations for energy and water development and re-  
10 lated agencies for fiscal years 2019, 2020, and 2021 under  
11 the heading “Department of the Interior—Bureau of Rec-  
12 lamation—Water and Related Resources” for carrying out  
13 section 4007 of Public Law 114-322 shall be made avail-  
14 able, in accordance with that section and as recommended  
15 by the Secretary in a letter dated July 23, 2021, for the  
16 construction, pre-construction, or study of the North-of-  
17 the-Delta Off Stream Storage (Sites Reservoir Project),  
18 the Los Vaqueros Reservoir Phase 2 Expansion Project,  
19 the B.F. Sisk Dam Raise and Reservoir Expansion  
20 Project, and the Del Puerto Canyon Reservoir.

21 (b) Funding provided in the Energy and Water De-  
22 velopment and Related Agencies Appropriations Act, 2021  
23 under the heading “Department of the Interior—Bureau  
24 of Reclamation—Water and Related Resources” for car-  
25 rying out section 4009(a) of Public Law 114-322 shall

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# PROGRESS REPORT

Del Puerto Canyon Reservoir Program Management

**Subject:** July 2021 Progress Report

**Prepared for:** Anthea Hansen (DPWD) and Chris White (SJRECWA)

**Prepared by:** Andy Neal and Katie Cole (Woodard & Curran)

**Date:** September 23, 2021

**Project No.:** 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period through July 30<sup>th</sup>, 2021 for Del Puerto Canyon Reservoir Program Management. Please contact [aneal@woodardcurran.com](mailto:aneal@woodardcurran.com) or (925) 627-4114 with any questions.

## Work Performed

A summary of work performed during the current reporting period is summarized in the following table.

Task Description	Work Completed This Period
<p><b>Task 1</b> Program Management</p>	<ul style="list-style-type: none"> <li>Weekly internal team and external client coordination meetings.</li> <li>Project management tool maintenance (EVA, document management portal, staff management and tracking, sub billing calendar).</li> <li>Budget, schedule, and scoping tracking and updates.</li> <li>Coordination with and management of subcontractors.</li> <li>SJRECWA and DPWD Board Meeting update memos.</li> </ul>
<p><b>Task 2</b> Agency Coordination and Permitting Plan</p>	<ul style="list-style-type: none"> <li>USBR weekly meetings and preparation.</li> <li>Internal meetings and staff coordination related to permitting and agency coordination efforts.</li> <li>Coordinated with Corps/Reclamation regarding Corps permitting needs.</li> <li>Prepared for and attended site visit with Corps and Reclamation (May 5 site visit not previously billed for ICF).</li> <li>Working on eagle permit to cover geotechnical exploration activities that are expected to start in the first half of 2022.</li> </ul>
<p><b>Task 3</b> Reservoir Operations Analysis</p>	<ul style="list-style-type: none"> <li>Conducted work to evaluate a potential alternative operational scenario that entailed less active operation of the reservoir. Prepared memo describing operations and prepared CEQA addendum to document that operational scenario would not result in substantially different impacts as compared to the active operations considered in EIR.</li> </ul>

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Task Description	Work Completed This Period
<p><b>Task 4</b> Funding</p>	<ul style="list-style-type: none"> <li>Improved our Water Storage Investment Program (WSIP) screening form application and are engaged with the California Water Commission to gain their input. We have further defined the benefits DPCR brings to WSIP and have developed a submittal that articulates this well to the Commission.</li> <li>Continue to monitor and evaluate new funding opportunities.</li> </ul>
<p><b>Task 5</b> CEQA/NEPA Project Phase Authorization</p>	<ul style="list-style-type: none"> <li>Prepared for and facilitated internal staff coordination and meetings.</li> <li>Recently received a revised EIS schedule from Reclamation indicating a Draft EIS release on November 2021 and Record of Decision in August of 2022. We've identified the need to cover additional potential areas of utility relocations within the NEPA document. We have refined our corridor and expanded our environmental survey footprint to look at a broader area that will need to be surveyed for wildlife and cultural resources. In addition, a cultural resource record search will be conducted for a small area of the revised footprint (i.e., a small area was not included in the previous cultural resources record request). Our team will perform a reconnaissance level wildlife survey and pedestrian cultural resource survey for approximately 180 additional acres in August of 2021. We are planning to prepare two technical memos documenting the methodology and findings of surveys to support Reclamation's NEPA documentation for submittal.</li> </ul>
<p><b>Task 6</b> Validate Facilities</p>	<ul style="list-style-type: none"> <li>None.</li> </ul>
<p><b>Task 7</b> Procure Design Consultants</p>	<ul style="list-style-type: none"> <li>Released Request for Qualifications (RFQ) and firms are developing their responses, due August 17. We held a RFQ Meeting where bidders were introduced to the team, given an outline on the project from a high-level perspective, and provided a technical presentation on work done to date as it pertains to dam design.</li> </ul>
<p><b>Task 9</b> Conveyance Facilities Preliminary Design</p>	<ul style="list-style-type: none"> <li>None.</li> </ul>
<p><b>Task 10</b> USBR Feasibility Report</p>	<ul style="list-style-type: none"> <li>None.</li> </ul>
<p><b>Task 11</b> Land-Owner Coordination</p>	<ul style="list-style-type: none"> <li>None.</li> </ul>
<p><b>Task 12</b> Survey/Mapping</p>	<ul style="list-style-type: none"> <li>None.</li> </ul>

Task Description	Work Completed This Period
<p><b>Task 13</b> Utility Company Coordination</p>	<ul style="list-style-type: none"><li>• Our team is scheduled to meet with PG&amp;E and WAPA representatives bi-weekly on Tuesdays, however July's meeting was postponed due to Stantec (PG&amp;E's design consultant) not getting their contract authorization from PG&amp;E and therefore not making any progress. We are coordinating the work with WAPA to make sure we understand and incorporate any impacts to the San Luis Transmission Project, particularly as it relates to their approved environmental documents.</li></ul>
<p><b>Task 14</b> Outreach Support</p>	<ul style="list-style-type: none"><li>• Engaged a new potential consultant to help with portions of our program and are in the midst of negotiating a new agreement to advance our strategy around outreach. This individual toured the site with the Chris and Anthea to get a better understanding of the project status, needs, and introduce their thoughts.</li><li>• Continued tracking social media sites and newspapers; provided updates to clients on new activity.</li></ul>

## Budget Status

As of this invoice, 79% of the project budget has been billed (\$7,772,478.75 of \$9,894,289). A budget breakdown by task is included in the below table.

**TABLE 1: BUDGET BREAKDOWN BY TASK**

Task No.	Description	Budget	Previously Billed	Billed This Period	Total Billed to Date	Budget Remaining	% Billed to Date
1	Program Management	\$913,108.01	\$596,775.60	\$11,149.00	\$607,924.60	\$305,183.41	67%
2	Agency Coordination and Permitting Plan	\$726,775.42	\$434,159.48	\$18,868.79	\$453,028.27	\$273,747.15	62%
3	Reservoir Operations Analysis	\$583,833.50	\$371,529.50	\$1,255.00	\$372,784.50	\$211,049.00	64%
4	Funding Strategy	\$179,000.00	\$1,299.00	\$1,120.50	\$2,419.50	\$176,580.50	0%
5	CEQA/NEPA Compliance	\$2,366,939.04	\$1,881,555.45	\$11,234.15	\$1,892,789.60	\$474,149.44	80%
6	Validate Facilities	\$2,155,442.87	\$2,155,442.84	\$0.00	\$2,155,442.84	\$0.03	100%
7	Procure Design Consultants	\$424,493.25	\$13,752.25	\$8,997.00	\$22,749.25	\$401,744.00	5%
8	Design Consultant Management	\$70,182.08	\$0.00	\$0.00	\$0.00	\$70,182.08	0%
9	Conveyance Facilities Preliminary Design	\$1,082,317.94	\$1,082,317.94	\$0.00	\$1,082,317.94	\$0.00	100%
10	USBR Feasibility Study	\$571,778.64	\$571,778.64	\$0.00	\$571,778.64	\$0.00	100%
11	Land Owner Coordination	\$123,021.12	\$40,740.30	\$0.00	\$40,740.30	\$82,280.82	33%
12	Survey/Mapping	\$173,364.88	\$173,364.88	\$0.00	\$173,364.88	\$0.00	100%
13	Utility Company Coordination	\$139,032.25	\$82,680.24	\$2,249.00	\$84,929.24	\$54,103.01	61%
14	Outreach Coordination	\$385,000.00	\$311,376.31	\$832.88	\$312,209.19	\$72,790.81	81%
<b>Total</b>		<b>\$9,894,289.00</b>	<b>\$7,716,772.43</b>	<b>\$55,706.32</b>	<b>\$7,772,478.75</b>	<b>\$2,121,810.25</b>	<b>79%</b>

Notes:

<sup>1</sup> Task budgets are internally allocated and may be reallocated between tasks based on program need.

## Schedule Status

The Feasibility Report was accepted by the Secretary of Interior and submitted to congress with the determination of feasibility pursuant to the WIIN Act, section 4007(b). Schedule is currently being driven by the EIS schedule; coordination with Reclamation is ongoing.

## Outstanding Issues

### Bureau of Reclamation Coordination

- To support the EIS development being led by Reclamation, the Program team was asked to develop additional technical memos related to Air Quality and Climate Change, Energy Use, Biological Resources, and Transportation and Traffic Impacts. The team was given a very short turnaround time in order to keep compliance with Reclamations overall EIS schedule. The draft EIS was scheduled to be published in October 2020, with a Record of Decision slated for April 2021, but that schedule continues to slip on the Reclamation side. An updated Alternatives Memo was provided to Reclamation in January 2021. Latest schedule provided by Reclamation shows publication of Draft EIS in late November 2021.

### Army Corps Coordination

- The Corps is officially a cooperating agency for the USBR NEPA process. As such, they will be working with Reclamation to develop a cooperating agency agreement limiting their involvement in the EIS process to those areas within their statutory authority. They have designated Reclamation to act on their behalf in the Section 7 consultation. We have a Preliminary Jurisdictional Determination from the Corps, but they have suggested to Reclamation that we may need to complete an Approved Jurisdictional Determination. We conducted a field review with the Corps and are planning to submit a revised delineation report in October 2021.

### State Water Resources Control Board Coordination

- After the initial water rights application was reviewed by the State Board, additional coordination and analyses were required for the water availability analysis portion of the application. This has required more detailed data collection and analyses to estimate downstream impacts of flow reduction in the Del Puerto Creek. The State Board does not have streamlined guidelines for the requirements of the water availability analyses, and it is unknown what level of detail will be required for completion of the application at this time. The team has developed a strategy for the water availability analysis and drafted a TM which will be presented to the State Board for further discussion before re-submitting the application.

### Utility Company Coordination

- Crimson has been slow to respond, though this is not on the critical path as of yet. Program will need to push on this once the dam designers are on board.
- PG&E is moving slower than expected. Program needs the scope/budget/schedule for PG&E 30% design.

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# PROGRESS REPORT

Del Puerto Canyon Reservoir Program Management

**Subject:** August 2021 Progress Report

**Prepared for:** Anthea Hansen (DPWD) and Chris White (SJRECWA)

**Prepared by:** Andy Neal and Katie Cole (Woodard & Curran)

**Date:** October 13, 2021

**Project No.:** 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period through August 27<sup>th</sup>, 2021 for Del Puerto Canyon Reservoir Program Management. Please contact [aneal@woodardcurran.com](mailto:aneal@woodardcurran.com) or (925) 627-4114 with any questions.

## Work Performed

A summary of work performed during the current reporting period is summarized in the following table.

Task Description	Work Completed This Period
<p><b>Task 1</b> Program Management</p>	<ul style="list-style-type: none"> <li>• Weekly internal team and external client coordination meetings.</li> <li>• Project management tool maintenance (EVA, document management portal, staff management and tracking, sub billing calendar).</li> <li>• Budget, schedule, and scoping tracking and updates.</li> <li>• Coordination with and management of subcontractors.</li> <li>• SJRECWA and DPWD Board Meeting update memos.</li> <li>• Continue to monitor and evaluate new funding opportunities.</li> </ul>
<p><b>Task 2</b> Agency Coordination and Permitting Plan</p>	<ul style="list-style-type: none"> <li>• USBR weekly meetings and preparation.</li> <li>• Internal meetings and staff coordination related to permitting and agency coordination efforts.</li> </ul>
<p><b>Task 3</b> Reservoir Operations Analysis</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
<p><b>Task 4</b> Funding</p>	<ul style="list-style-type: none"> <li>• Met with representatives from the California Water Commission and California Department of Fish and Wildlife to seek input on our Water Storage Investment Program (WSIP) screening form. We have further defined the benefits DPCR brings to WSIP and have developed a submittal that articulates this well to the Commission.</li> </ul>

Task Description	Work Completed This Period
<p><b>Task 5</b> CEQA/NEPA Project Phase Authorization</p>	<ul style="list-style-type: none"> <li>• Prepared for and facilitated internal staff coordination and meetings.</li> <li>• Performed biological surveys of expanded area to cover any potential utility corridor realignments should they need to move east or west of the current siting areas. Surveys were focused on determining if expanded alignment would affect resources not identified in EIR. Landowners were contacted to obtain agreement for access. Planned cultural surveys, which will take place in September.</li> <li>• Continued work on the eagle permit to cover geotechnical exploration activities that are expected to start in the first half of 2022.</li> <li>• Met with Reclamation to review comments on cultural resources report; working on revisions to cultural resources report to address comments from Reclamation and provide updated report that can be used for compliance with Section 106 of the National Historic Preservation Act.</li> </ul>
<p><b>Task 6</b> Validate Facilities</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
<p><b>Task 7</b> Procure Design Consultants</p>	<ul style="list-style-type: none"> <li>• Prepared responses to questions on the RFQ and submitted to proposing teams.</li> <li>• Gannett Fleming has been developing the technical scope of work to be included in the RFP.</li> </ul>
<p><b>Task 8</b> Design Consultant Management</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
<p><b>Task 9</b> Conveyance Facilities Preliminary Design</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
<p><b>Task 10</b> USBR Feasibility Report</p>	<ul style="list-style-type: none"> <li>• We are continuing to wait for a response confirming our position that the Del Puerto Canyon Reservoir project is under construction, consistent with the requirements in section 4013(2) cited per criteria in section 4011f(2). Our project manager at USBR, Allison Jacobson, has indicated that the letter has been reviewed and there are no objections to our position.</li> </ul>
<p><b>Task 11</b> Land-Owner Coordination</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
<p><b>Task 12</b> Survey/Mapping</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>

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Task Description	Work Completed This Period
<p><b>Task 13</b> Utility Company Coordination</p>	<ul style="list-style-type: none"> <li>• Our team is meeting with PG&amp;E and WAPA representatives bi-weekly on Tuesdays. Early design concepts moving forward are prioritizing viable routes that stay to the west of I-5. We are coordinating the work with WAPA to make sure we understand and incorporate any impacts to the San Luis Transmission Project, particularly as it relates to their approved environmental documents.</li> <li>• PG&amp;E and its consultant Stantec have prepared a modified Central Alternative that looks promising, routing westerly 500kv line over the reservoir and the easterly 500kv and two 230 kv lines between the dam crest and the I-5 R/W. WAPA is assessing to determine if it can also occupy the same corridor, between PG&amp;E lines and I-5.</li> </ul>
<p><b>Task 14</b> Outreach Support</p>	<ul style="list-style-type: none"> <li>• Engaged a new potential consultant to help with portions of our program and are in the midst of negotiating a new agreement to advance our strategy around outreach. This individual toured the site with the Chris and Anthea to get a better understanding of the project status, needs, and introduce their thoughts.</li> <li>• Continued tracking social media sites and newspapers; provided updates to clients on new activity.</li> </ul>

## Budget Status

As of this invoice, 79% of the project budget has been billed (\$7,844,507.96 of \$9,894,289). A budget breakdown by task is included in the below table.

**TABLE 1: BUDGET BREAKDOWN BY TASK**

Task No.	Description	Budget	Previously Billed	Billed This Period	Total Billed to Date	Budget Remaining	% Billed to Date
1	Program Management	\$913,108.01	\$607,924.60	\$12,484.00	\$620,408.60	\$292,699.41	68%
2	Agency Coordination and Permitting Plan	\$726,775.42	\$453,028.27	\$16,634.88	\$469,663.15	\$257,112.27	65%
3	Reservoir Operations Analysis	\$583,833.50	\$372,784.50	\$0.00	\$372,784.50	\$211,049.00	64%
4	Funding Strategy	\$179,000.00	\$2,419.50	\$1,094.00	\$3,513.50	\$175,486.50	0%
5	CEQA/NEPA Compliance	\$2,366,939.04	\$1,892,789.60	\$25,988.08	\$1,918,777.68	\$448,161.36	81%
6	Validate Facilities	\$2,155,442.87	\$2,155,442.84	\$0.00	\$2,155,442.84	\$0.03	100%
7	Procure Design Consultants	\$424,493.25	\$22,749.25	\$9,767.75	\$32,517.00	\$391,976.25	8%
8	Design Consultant Management	\$70,182.08	\$0.00	\$0.00	\$0.00	\$70,182.08	0%
9	Conveyance Facilities Preliminary Design	\$1,082,317.94	\$1,082,317.94	\$0.00	\$1,082,317.94	\$0.00	100%
10	USBR Feasibility Study	\$571,778.64	\$571,778.64	\$0.00	\$571,778.64	\$0.00	100%
11	Land Owner Coordination	\$123,021.12	\$40,740.30	\$1,133.25	\$41,873.55	\$81,147.57	34%
12	Survey/Mapping	\$173,364.88	\$173,364.88	\$0.00	\$173,364.88	\$0.00	100%
13	Utility Company Coordination	\$139,032.25	\$84,929.24	\$3,140.00	\$88,069.24	\$50,963.01	63%
14	Outreach Coordination	\$385,000.00	\$312,209.19	\$1,787.25	\$313,996.44	\$71,003.56	82%
<b>Total</b>		<b>\$9,894,289.00</b>	<b>\$7,772,478.75</b>	<b>\$72,029.21</b>	<b>\$7,844,507.96</b>	<b>\$2,049,781.04</b>	<b>79%</b>

**Notes:**

<sup>1</sup> Task budgets are internally allocated and may be reallocated between tasks based on program need.

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## Schedule Status

The Feasibility Report was accepted by the Secretary of Interior and submitted to congress with the determination of feasibility pursuant to the WIIN Act, section 4007(b). Schedule is currently being driven by the EIS schedule; coordination with Reclamation is ongoing.

## Outstanding Issues

### Bureau of Reclamation Coordination

- To support the EIS development being led by Reclamation, the Program team was asked to develop additional technical memos related to Air Quality and Climate Change, Energy Use, Biological Resources, and Transportation and Traffic Impacts. The team was given a very short turnaround time in order to keep compliance with Reclamations overall EIS schedule. The draft EIS was scheduled to be published in October 2020, with a Record of Decision slated for April 2021, but that schedule continues to slip on the Reclamation side. An updated Alternatives Memo was provided to Reclamation in January 2021. Latest schedule provided by Reclamation shows publication of Draft EIS in late November 2021.

### Army Corps Coordination

- The Corps is officially a cooperating agency for the USBR NEPA process. As such, they will be working with Reclamation to develop a cooperating agency agreement limiting their involvement in the EIS process to those areas within their statutory authority. They have designated Reclamation to act on their behalf in the Section 7 consultation. We have a Preliminary Jurisdictional Determination from the Corps, but they have suggested to Reclamation that we may need to complete an Approved Jurisdictional Determination. We conducted a field review with the Corps and are planning to submit a revised delineation report in October 2021.

### State Water Resources Control Board Coordination

- After the initial water rights application was reviewed by the State Board, additional coordination and analyses were required for the water availability analysis portion of the application. This has required more detailed data collection and analyses to estimate downstream impacts of flow reduction in the Del Puerto Creek. The State Board does not have streamlined guidelines for the requirements of the water availability analyses, and it is unknown what level of detail will be required for completion of the application at this time. The team has developed a strategy for the water availability analysis and drafted a TM which will be presented to the State Board for further discussion before re-submitting the application.

### Utility Company Coordination

- Crimson has been slow to respond, though this is not on the critical path as of yet. Program will need to push on this once the dam designers are on board.
- PG&E is moving slower than expected. Program needs the scope/budget/schedule for PG&E 30% design.
- Additional survey and mapping are needed to accommodate PG&E and WAPA needs for relocations. W&C is gathering scope and fee from our survey/mapping subconsultant O'Dell Engineering and will present this to DPWD and SJRECWA for authorization. Work would include boundary determination for I-5 right-of-way.

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XI.C.



# MONTHLY REPORT

## FUNDING

Reclamation requested \$50 million for the Project in FY 22 under the WIIN Act. This is in addition to the \$14 million that has already been appropriated in FY21. The total Federal funding request includes the remainder of the maximum federal share of 25 percent of the total project cost (approximately \$160 million).

SEPTEMBER 24, 2021

## UPCOMING ACTIVITIES

- October 1 – Last day to provide signatures for Joint Letter of Support
- October 4 – Last day to provide quotes for Joint Press Release
- October 6 – File JPA Agreement with the State
- October 7 – Issue Joint Press Release
- October 7 – Issue Joint Letter of Support to DWR
- October 20 – CWC Feasibility Hearing
- October TBD – GM meeting
- Mid-November TBD – First JPA Board Meeting
- November TBD – Cost allocation workshop with LAP staff

CCWD is working with Reclamation to develop an assistance agreement for a portion of the federal funding that will be administered by CCWD for preconstruction activities. It is anticipated that the agreement will include approximately \$7 million of federal funding for the Project. Subsequent agreements would be needed to fund construction.

CCWD provided the final form of Amendment No. 3 to the Multi-party Cost Share Agreement (MPA) to the Local Agency Partners (LAPs) for approval and execution. The MPA is intended to be replaced with an Interim Funding Agreement through the Los Vaqueros Reservoir Joint Powers Authority (JPA) once the JPA has been formed and is ready to assume LVE financial management responsibilities.

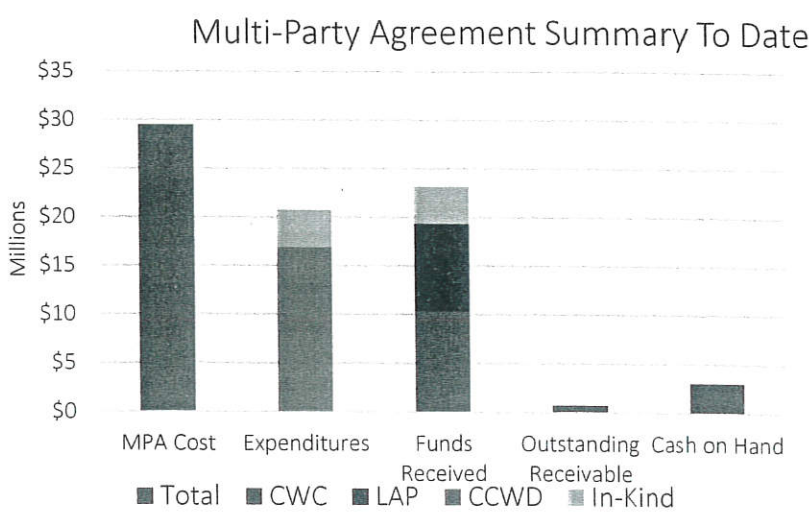
## UPCOMING LAP BOARD COORDINATION

- October TBD – Complete authorizations and execute MPA Amendment No. 3

The following chart provides an overview of the MPA expenditures through August 31, 2021. The in-kind services, funds received, outstanding receivable, and cash on hand are shown through September 16, 2021. All LAPs remain in good standing on progress payments. If MPA Amendment No. 3 is approved, the next invoice would be sent in January 2022.

## ADDITIONAL PROJECT INFO

- <https://www.ccwater.com/lvstudies>
- <https://www.usbr.gov/mp/vaqueros/>
- <https://cwc.ca.gov/Water-Storage/WSIP-Project-Review-Portal/All-Projects/Los-Vaqueros-Reservoir-Expansion-Project>



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## JPA FORMATION

LAP Board approval of execution of the JPA Agreement was completed on September 14<sup>th</sup>. CCWD will execute the JPA Agreement last following execution by all LAPs. In early October the JPA Agreement will be filed with the State and a joint press release will be issued. The table below includes a summary of the Directors and Alternates appointed. The first JPA Board meeting is anticipated to be scheduled in mid-November and is required to be held within 60 days of JPA formation.

JPA Member	Approval Date	Director	Alternate
ACWD	August 12	Director Paul Sethy	Jonathan Wunderlich
CCWD	April 1	President Lisa Borba	Vice President Ernie Avila
EBMUD	Sept 14	Director John Coleman	Director Lesa McIntosh
GWD	Sept 14	Ellen Wehr	Ricardo Ortega
SFPUC	August 24	General Manager (Michael Carlin Acting)	Assistant General Manager (Steve Ritchie)
SLDMWA	August 5	Anthea Hansen	Jose Gutierrez
Valley Water	August 24	Director Linda LeZotte	Director John Varella
Zone 7	August 18	President Angela Ramirez Holmes	Director Sandy Figuers

## CWC FEASIBILITY HEARING

All seven storage projects that received a conditional eligibility award from the California Water Commission (CWC) must meet three criteria prior to January 1, 2022 to remain eligible for funding: 1) draft environmental documents must be complete, 2) the CWC must make a finding that the project is feasible, and will advance the long-term objectives of restoring ecological health and improving water management for beneficial uses of the Delta, and 3) the Director of the Department of Water Resources (DWR) must receive a letter demonstrating support for not less than 75 percent of the non-public benefit cost share of the project (joint letter of support). The joint letter of support is being reviewed by LAPs and would replace the previous support letters from CCWD and the LAPs that were



submitted to the CWC in 2017. The target date for the issuance of the letter is October 7. The Phase 2 LVE Project is scheduled for a CWC Feasibility Hearing on October 20. CCWD staff are closely coordinating with CWC staff to ensure the Project meets the statutory requirements and remains eligible for funding.

## **PERMITTING**

Reclamation is continuing review of the aquatic Biological Assessment (BA) per Section 7 of the Federal Endangered Species Act. Additional information is being provided to the U.S. Fish and Wildlife Service (USFWS) related to the terrestrial BA. A USFWS Bald and Golden Eagle Protection Act 'take' permit application was developed and submitted to USFWS. A Historic Properties Treatment Plan and Memorandum of Agreement, to support Section 106 of the National Historic Preservation Act consultation, are being developed. Additional information is being provided to the California Department of Fish and Wildlife (CDFW) related to the Incidental Take Permit application for terrestrial species. CDFW has provided comments on the draft Incidental Take Permit application for aquatic species. A Compensatory Mitigation Plan to support the USFWS and CDFW permits has been submitted to the respective agencies for review. The CDFW Lake and Streambed Alteration Agreement package is being developed. The U.S. Army Corps of Engineers (USACE) and Central Valley Regional Water Quality Control Board (CVRWQCB) continue review of their respective permit packages. The USACE notified the CVRWQC of its reasonable time period for issuance of a water quality certification by December 31, 2021. The Draft Wetland Mitigation Plan and Aquatic Restoration and Revegetation Plan, required by the USACE and CVRWQCB, are in the final stage of development. A Delta Plan Consistency Package is being prepared.

## **DESIGN**

California Division of Safety of Dams (DSOD) continues their review of the 90% Dam expansion design along with various Technical Memoranda that have been submitted to date. The next meeting of the Technical Review Board is scheduled in October. CCWD entered into a Letter of Agreement with the Western Area Power Authority to support ongoing design activities.

The evaluation of the Transfer-Bethany Pipeline alignment alternatives and coordination with interested parties and landowners are ongoing. Title searches for properties along the pipeline alignment have been completed and development of the preliminary design of the Turn-in to the California Aqueduct at Bethany Reservoir is ongoing. DWR has reviewed the water quality model developed as part of the pump-in proposal.

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# LOS VAQUEROS RESERVOIR EXPANSION PROJECT

XI.C.

## OFFSTREAM STORAGE & CONVEYANCE PROJECT

- Expand existing reservoir capacity to 275,000 acre-feet
- Build Transfer-Bethany Pipeline
- Upgrade existing conveyance
- Expand existing recreation

### PROJECT BENEFITS

#### WATER FOR REFUGES



Reliable water supply for South of Delta wildlife refuges

#### WATER FOR PARTNERS



Reliable water supply for local water agencies

#### REGIONAL INTEGRATION



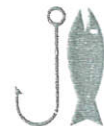
High potential for regional water system integration

#### WATER QUALITY



Protection of delivered water quality

#### RECREATION



Recreation facility enhancement

### SIGNIFICANT ACCOMPLISHMENTS TO DATE

Formation of the Los Vaqueros Reservoir Joint Powers Authority (JPA) – establishes governance of the Project by the 8 Members, representing a total of 13 Local Agency Partners. The JPA provides the organizational framework for design, construction, operation, and maintenance and ensures sufficient stable funding for the Project.

#### Governance

- Executed Memorandum of Agreement with Reclamation for Cost Share of Pre-construction activities.
- Developed ProForma Financial Model to establish long-term financing for Local Agency Partner cost share.
- Local Agency Partners executed a Letter of Intent concerning the development of usage fees associated with the use of existing facilities as part of the Project.

#### Design

- Submitted the 90% design of the Los Vaqueros Dam raise to the Division of Safety of Dams.
- Initiated final design of the Transfer-Bethany Pipeline and Pumping Plant No. 1.
- Secretary of Interior approved the Final Federal Feasibility Report, including concurrence with the feasibility determination and the recommendation for up to 25% federal cost share.

#### Environmental

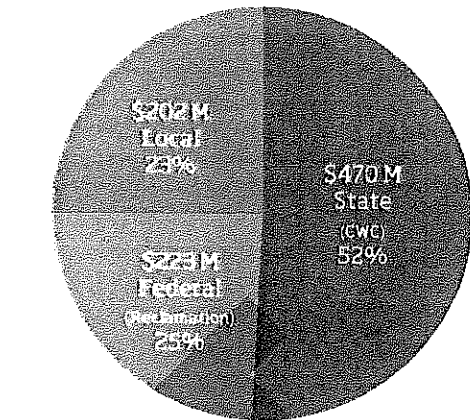
- Certified the Final Supplement to the Final Environmental Impact Statement/ Environmental Impact Report and approved the Project. No legal challenges were received pursuant to the California Environmental Quality Act.
- Completed Fish and Wildlife Coordination Act Report.
- Initiated consultation and submitted permit applications.

# PROJECT FUNDING

Estimated Total Project Cost: \$1.1 Billion

- FY21 Appropriations by Congress under the WIIA Act to fund Reclamation's work to advance \$10 million for pre-construction activities and \$4 million for construction
- FY22 Reclamation funding recommendation of \$80 million to support design, permitting and construction

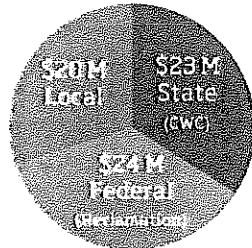
Estimated Total Project Cost: \$1.1 Billion



\*The source of the cost estimate is Final Federal Feasibility Report (published August 2020)

Estimated Total Project Cost: \$1.1 Billion

Development Costs: \$67 Million



# PROJECT SUPPORT

## Local Agency Partners

- Alameda County Water District
- Bay Area Water Supply and Conservation Agency
- Byron Bethany Irrigation District
- City of Brentwood
- Contra Costa Water District
- Del Puerto Water District
- East Bay Municipal Utility District
- Grassland Water District
- Panoche Water District
- San Francisco Public Utilities Commission
- Santa Clara Valley Water District
- Westlands Water District
- Zone 7 Water Agency

## Federal

- Senator Dianne Feinstein
- Senator Kamala Harris\*

- Congressman George Miller\*
- Congressman Jared Huffman
- Congresswoman Zoe Lofgren
- Congressman Doug LaMalfa
- Congressman Ami Bera
- Congressman David Valadao
- Congressman Mike Thompson
- Congressman Jerry McNerney
- Congressman John Garamendi
- Congressman Eric Swalwell
- Congressman Mark DeSaulnier
- Congresswoman Anna Eshoo
- Congressman Jim Costa
- Congressman Josh Harder
- Congressman Kevin McCarthy
- Congressman Devin Nunes
- Congressman Tom McClintock
- Congressman Jeff Denham\*
- Congresswoman Mimi Walters\*
- Congresswoman Doris Matsui

- Congresswoman Jackie Speier
- Congresswoman Barbara Lee

## State

- CA Senator Steve Glazer
- CA Senator Bill Dodd
- CA Senator Nancy Skinner
- CA Assemblymember Tim Grayson
- Assemblymember Catharine Baker\*

## Local

- Bay Area Council
- Central Contra Costa Sanitary District
- City of Martinez
- City of Oakley
- Contra Costa County Board of Supervisors
- East Bay Leadership Council

- Marin Municipal Water District
- Mountain House Community Services District
- City of Pleasant Hill
- Contra Costa Building and Construction Trades Council
- Silicon Valley Leadership Group
- San Jose Water Company

## Environmental

- Audubon California
- California Waterfowl Association
- Defenders of Wildlife
- Ducks Unlimited
- Planning and Conservation League
- Point Blue Conservation Science
- Restore Hetch Hetchy
- The Nature Conservancy

\*Former Position

# NEXT STEPS

2020 - 2022

Permits & Approvals

SUMMER 2021

IPA Service Agreement

WINTER 2023

Begin Construction

2030

Full Operation

OCTOBER 2021

CWC's Regulatory Determinations

SUMMER 2022

CPA Award Renewal

2016

Project Approval



XI.C.

# LOS VAQUEROS RESERVOIR JOINT POWERS AUTHORITY



The recently executed agreement establishes a new public agency to provide for governance and administration of the Los Vaqueros Reservoir Expansion Project (Project).

The primary objectives of the Joint Powers Authority (JPA) are to:

Provide governance of the Project by the Members

Ensure sufficient stable funding for the Project and related administrative and support activities

Ensure costs are reasonable and cost allocations are equitable and transparent

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## ABOUT THE LOS VAQUEROS RESERVOIR JPA

The JPA will:

- Endure throughout Project design, construction, operation, maintenance, repair, and replacement of water-related facilities
- Enter into contracts and agreements to further the Project
- Issue bonds for the Local Agency Partner Cost-Share of the Project
- Deliver services to the JPA Members and receive payment from the JPA Members, creating a financial infrastructure for the Project

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## LOS VAQUEROS RESERVOIR JPA MEMBERS

The following agencies have recently formed the Los Vaqueros Reservoir JPA.

- Alameda County Water District
- Contra Costa Water District, to include:
  - City of Brentwood\*
- East Bay Municipal Utility District
- Grassland Water District
- Santa Clara Valley Water District (Valley Water)
- San Francisco Public Utilities Commission, to include:
  - Bay Area Water Supply & Conservation Agency\*
- San Luis & Delta-Mendota Water Authority\*\*, consisting of:
  - Byron-Bethany Irrigation District
  - Del Puerto Water District
  - Panoche Water District
  - Westlands Water District
- Zone 7 Water Agency (Alameda County Flood Control & Water Conservation District, Zone 7)
- Department of Water Resources (ex officio, non-voting pursuant to Water Code Section 79759(b))

\*The City of Brentwood and the Bay Area Water Supply & Conservation Agency are not signatory parties to the JPA. Rather, these parties contract for project benefits through their wholesale providers.

\*\*The number and list of San Luis & Delta-Mendota Water Authority-member agencies participating through San Luis & Delta-Mendota Water Authority may change.

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# JPA BOARD MEMBERS

BOARD MEMBER	ALTERNATE	AGENCY
Director Paul Sethy	Jonathan Wunderlich	Alameda County Water District
Director Lisa Borba (Board President)	Director Ernesto Avila (Vice President)	Contra Costa Water District
Director John Coleman	Director Lesa McIntosh	East Bay Municipal Utility District
Ellen Wehr (General Counsel)	Ricardo Ortega (General Manager)	Grassland Water District
Director Linda LeZotte	Director John Varela	Santa Clara Valley Water District
Michael Carlin (Acting General Manager)	Steve Ritchie (Assistant General Manager)	San Francisco Public Utilities Commission
Anthea Hansen (General Manager, Del Puerto Water District)	Jose Gutierrez (Chief Operating Officer, Westlands Water District)	San Luis & Delta-Mendota Water Authority
Director Angela Ramirez Holmes (Board President)	Director Sandy Figuers	Zone 7 Water Agency

## JPA BOARD MEETINGS

Los Vaqueros Reservoir JPA Board Meetings will be held monthly starting November 2021. The JPA Board Meetings will be public meetings and subject to the Brown Act. The nature of the meetings (i.e., in person, virtual or hybrid) will be dependent on the current circumstances with the COVID-19 pandemic, but the initial few meetings are planned to be fully virtual.

Information about Board Committee Meetings will be shared at a later date once Board Committees are established.

## JPA CONTACTS

The JPA's initial principal office will be housed with its Interim General Counsel, James Ciampa. The JPA will be establishing a website and its own e-mail addresses as time progresses and it becomes operational. Mr. Ciampa will also be engaging a contract employee through his firm to act as an interim clerk to the JPA's Board of Directors.

### INTERIM GENERAL COUNSEL

James Ciampa  
 1000 E. 15th St.  
 199 North Lake Street, Suite 200  
 Piedmont, California 94610

Phone: 925-435-1100  
 Fax: 925-435-1101

### INTERIM ADMINISTRATOR

Michael Ciampa  
 2000 North Lake Street, Suite 200  
 Piedmont, California 94610  
 Phone: 925-435-1100  
 Fax: 925-435-1101

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X1.C.

**Anthea Hansen**

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**From:** Maureen Martin <mmartin@ccwater.com>  
**Sent:** Friday, October 8, 2021 4:56 PM  
**To:** Ed Stevenson; 'Valerie Pryor'; Steve Welch; 'Carlin, Michael (PUC) (mcarlin@sfwater.org)'; Tim Ogden; Nicole Sandkulla; Anthea Hansen; Federico Barajas (federico.barajas@sldmwa.org); Ara Azhderian; rortega@gwdwater.org; rlg@bbid.org; Tom Birmingham; Rick Callender; Chan, Clifford  
**Cc:** Marguerite Patil; Jim Ciampa; Sherri Ferronato; Jennifer Allen; Nicole Witt; Aaron Baker; Allison Schutte; Andrew Garcia; Becca Akroyd (Rebecca.Akroyd@sldmwa.org); Beckie Zisser ; Brian Hopper; Carmen Narayanan; Charlene Sun; Cindy Kao; Cordero, Kristina; Damien Brower; Dana Jacobson; Danielle McPherson; David R. E. Aladjem (daladjem@downeybrand.com); Devon Becker; Doug Coty; Ellen Wehr (ewehr@gwdwater.org); Erin Baker ; Flores, Amparo; frances mizuno; Green, JaVia; Hannay, Robert; Jeff Quimby; Jon Rubin; Jonathan Salmon (jsalmon@ebmud.com); Jonathan Wunderlich (jonathan.wunderlich@acwd.com); Jose Gutierrez; Kirsten Struve; Kothari, Manisha; Lanigan, Senobar; Laura Hidas; Ledesma, Bradley; linda.hu@ebmud.com; Malina, Catherine (CAT); Marguerite Patil; Matt Moses (MMoses@sfwater.org); Melanie Richardson; Metra Richert; Michael Martin; Michael T. Tognolini; Miki Tsubota; Nick Janes; Pablo Arroyave; Patrick Miyaki (pmiyaki@hansonbridgett.com); Rick Callender; Scott Petersen; Samantha Greene; Steve Peters; Steven Ritchie; Thomas Niesar; Tom Francis (tfrancis@bawsca.org); 'Valerie Pryor'; Vincent Gin; Francesca Gessner; Andrew Gschwind; Xie, Lillian  
**Subject:** Executed Letter of Support and CWC Feasibility Hearing Update  
**Attachments:** Final LAP Letter of Support for CWC - Oct 2021.pdf

Dear partners,

The final letter of support was sent to Karla Nemeth, the Director of the Department of Water Resources, yesterday and is attached for your records. Thanks to all of you for your support in preparation of the letter! The California Water Commission (CWC) posted the agenda for the meeting on October 20<sup>th</sup> and is listed at the link below. The staff report and other materials will be posted to their website next week. CWC staff have accepted the letter of support and the supplemental feasibility materials as meeting the requirements of Water Code §79757 such that they can support the Commission making a finding that the Los Vaqueros Reservoir Expansion Project is feasible and will remain eligible for funding. CWC staff will make a presentation to the Commission and will ask them to concur with their assessment and make a finding that the project is feasible. CCWD staff will be available to answer should any arise from the Commissioners. We deeply appreciate all of your efforts to reach this incredible milestone and look forward to continuing to work with you moving forward.

[https://cwc.ca.gov/-/media/CWC-Website/Files/Documents/2021/10\\_October/October2021\\_Agenda\\_Final.pdf](https://cwc.ca.gov/-/media/CWC-Website/Files/Documents/2021/10_October/October2021_Agenda_Final.pdf)

Sincerely,

**Maureen Martin, Ph.D.**

Special Projects Manager

P 925-688-8323

C 925-499-3174

W [ccwater.com](http://ccwater.com)

CONTRA COSTA WATER DISTRICT

P.O. Box H<sub>2</sub>O Concord, CA 94524

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October 7, 2021

Karla Nemeth  
Director of the California Department of Water Resources  
California Department of Water Resources  
P.O. Box 942836, Room 1115-1  
Sacramento, CA 94236-0001

**Subject: Joint Letter of Support for the Los Vaqueros Reservoir Expansion Project**

Dear Ms. Nemeth,

On behalf of our agencies, we are writing to express our support for the Los Vaqueros Reservoir Expansion Project (Project). Our agencies are participating in the ongoing development of the Project. This letter is being sent pursuant to Section 6013 (f)(2) of the Water Storage Investment Program (WSIP) Regulations (Regulations).

In 2014, California voters approved \$2.7 billion in funding for water storage projects as part of Proposition 1: The Water Quality, Supply and Infrastructure Act of 2014. The approval by voters signaled that they understood the importance of water storage and were willing to fund construction projects.

Our regional water systems are vulnerable to water shortages due to emergencies such as earthquakes, fire, and drought. Climate change is intensifying the impacts of droughts, floods, and wildfires on our communities, environment, and economy. The ongoing critical drought, together with the increasing frequency of both extreme wet and dry conditions, only further highlight the state-wide need for more storage. By increasing

regional surface storage, the Project will improve Bay Area and Central Valley water supply reliability and water quality while providing additional habitat and Bay-Delta ecosystem benefits for the public investment. In 2018, the Project was conditionally awarded \$470 million by the California Water Commission (CWC) for the provision of public benefits. The public benefits of the Project include increased water supply to south-of-Delta wildlife refuges, reduction in salmonid entrapment at the Rock Slough Intake, increased emergency supplies, and recreational enhancements in the Los Vaqueros Watershed. The non-public benefits of the Project include increased water supply reliability for urban water agencies in the Bay Area, improvements in water quality delivered to urban water agencies, increased water supply reliability for south-of-the-Delta agricultural districts served by the Central Valley Project and enhanced regional collaboration.

Our agencies have been actively participating in Project planning and have collectively committed more than \$20 million in funding and in-kind services to advance the Project. Since 2018, we have achieved several significant milestones including completion of the Final Environmental Documents, completion of the Federal Feasibility Report, and submission of the 90% design of the Los Vaqueros Dam raise to the California Department of Water Resources (DWR), Division of Safety of Dams. The Project is the first surface storage project in the WSIP to complete all of these critical steps towards Project implementation. The Project enjoys a broad base of support throughout the water community, as well as bi-partisan legislative, environmental, and business entities. A summary of recent Project accomplishments and key information is shown on the attached overview.

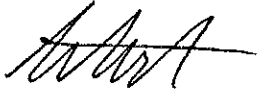
The Los Vaqueros Reservoir Joint Powers Authority (JPA) was recently formed. The primary objectives of the JPA are to provide governance of the Project by the Members, ensure sufficient stable funding for the Project and related administrative and support activities, and ensure costs are reasonable and cost allocations are equitable and transparent. The Joint Press Release announcing the Authority formation and a summary of the JPA Agreement are attached.

The first monthly meeting of the JPA is scheduled for November, and we anticipate the JPA Board will hit the ground running. In the following months, the JPA will negotiate individual Service Agreements with each of its Members subject to approval by each agency's governing body. The individual Service Agreements will set forth the terms pursuant to which the JPA will provide services of the Project consisting in general of water storage and conveyance through the various facilities to which the JPA has contracted to have access and use and will establish the payments each of the Members will make for such services. These Service Agreements will be executed prior to the Project's Final Award Hearing as required by the WSIP Regulations.

Expanding Los Vaqueros Reservoir embodies what the voters approved when they passed Proposition 1. This is a forward-thinking project, operating surface storage in a unique way to provide for state, regional, environmental, municipal, and agricultural benefits. We recognize the importance of the long partnership with DWR on the development of the Project to date and appreciate your continued support for the Project as we look to secure final WSIP funding from the CWC.

Sincerely,

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Ed Stevenson, General Manager  
Alameda County Water District



Nicole Sandkulla, CEO / General Manager  
Bay Area Water Supply and Conservation Agency



Rick Gilmore, General Manager  
Byron Bethany Irrigation District



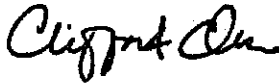
Tim Y. Ogden, City Manager  
City of Brentwood



Stephen J. Welch, General Manager  
Contra Costa Water District



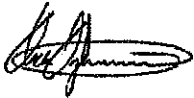
Anthea G. Hansen, General Manager  
Del Puerto Water District



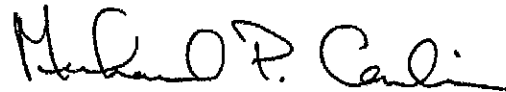
Clifford C. Chan, General Manager  
East Bay Municipal Utility District



Ricardo Ortega, General Manager  
Grassland Water District



Ara Azhderian, General Manager  
Panoche Water District



Michael Carlin, Acting General Manager  
San Francisco Public Utilities Commission



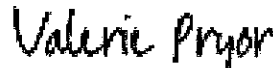
Federico Barajas, Executive Director  
San Luis & Delta-Mendota Water Authority



Rick L. Callender, Esq., Chief Executive Officer  
Santa Clara Valley Water District



Thomas W. Birmingham, General Manager  
Westlands Water District



Valerie Pryor, General Manager  
Zone 7 Water Agency

Attachments:

1. Project Overview
2. Joint Press Release
3. JPA Overview
4. JPA Agreement

California Department of Water Resources  
Commitments of the Non-Public Benefit Cost Share of the LVREP  
October 7, 2021  
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cc: Joe Yun – Executive Director, California Water Commission  
Amy Young – Water Storage Investment Program Manager, California Water Commission  
Ernest A. Conant – Regional Director, California Great Basin, Bureau of Reclamation