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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 and Calvin Monreal

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

Date: January 22, 2021

### 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) will expand the existing 20-acre groundwater recharge facility near Orestimba Creek to up to 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. Currently, CCID has received an \$800,000 Integrated Regional Water Management Plan (IRWMP) State Grant assisting in development of the Expansion Project. The project will consist of up to 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 may include 5 recovery wells, appurtenances, and pipelines which are not part of the P&P design work; however, this work will be included in the environmental documents.

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## 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.
- 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.
- 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. 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.
- 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.

### 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.

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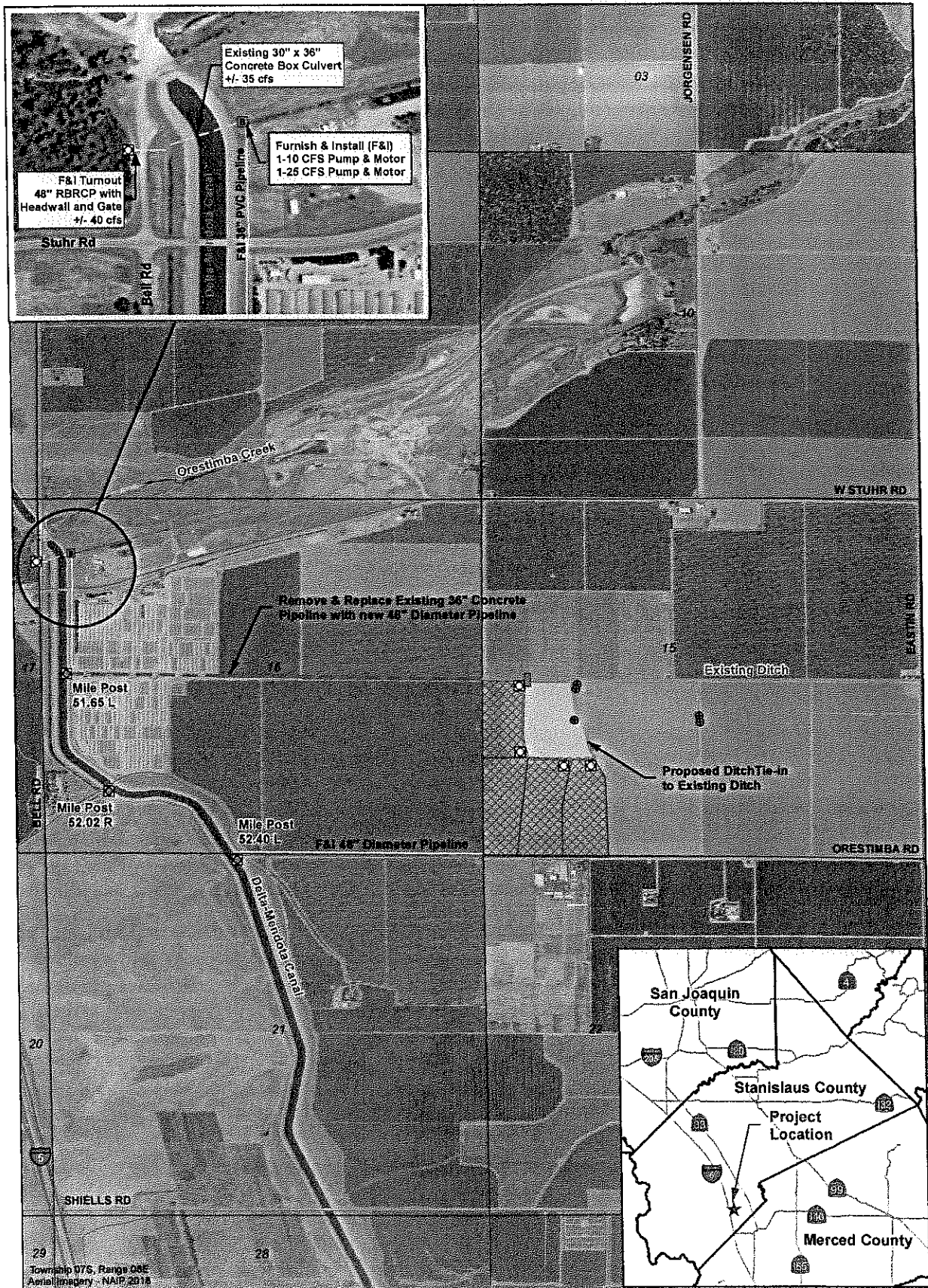


- b. CEQA/NEPA: Initial discussions with USBR have started on a joint CEQA/NEPA document. USBR has provided the new format and P&P has submitted a revised project description. Awaiting LOA execution for launch of Joint Document preparation.
  - c. Initial Draft Project Description: Sent to Participants 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.
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.
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.
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 \$800,000 Grant Award.

## Next Steps:

1. Actions required by Participants:
  - a. Review and provide comments on Design Criteria Memo and finalize proposed facility locations and capacities.
  - b. Review and provide comments on 30% plans.
  - c. Determine locations for recovery wells.
  - d. Assist with obtaining Right of Access agreements for ground disturbing biological, cultural, and geotechnical investigations.
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.
  - b. Finalize Design Criteria Memo and 30% plans based on Participant comments.
  - c. Work with Participants, agencies, and landowners to amend right of entry permits for ground disturbing activities.

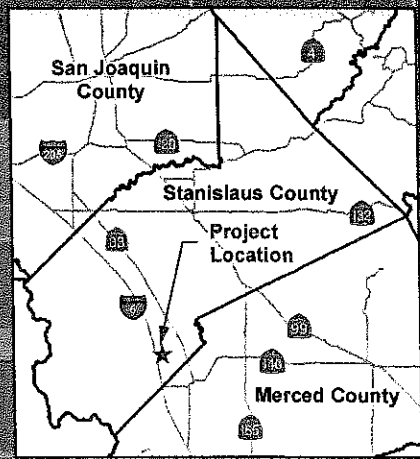
- d. Incorporate final facility locations, and biological and cultural investigations into draft environmental document.
  - e. Continue preparation of draft permit applications.
  - f. Once directed by the Participants, prepare draft specifications and 60% plans.
3. Actions required by others:
- a. Once well locations have been determined and right of entry agreements have been amended for ground disturbing activities, perform geotechnical investigation.
  - b. Once well locations have been determined and right of entry agreements have been amended for ground disturbing activities, perform biological investigation.
  - c. Once well locations have been determined and right of entry agreements have been amended for ground disturbing activities, perform cultural investigation.
  - d. USBR to finalize LOA and associated budget for review and payment of deposit by Participants.
  - e. USBR Environmental team to have a kick-off meeting with P&P and Participants.
  - f. USBR and SJRECWA Land and Right of Way team to have virtual tour of project facilities with P&P and Participants.



PROVOST & PRITCHARD  
CONSULTING GROUP

0 500 1,000  
Feet

- Existing Monitoring Well
- Existing Production Well
- ▣ Proposed Check Structure
- ▣ Existing DMC Turnout
- ▣ Proposed Turnout
- ▣ Existing Recharge Pond
- ▣ Proposed Recharge Pond
- ▣ Proposed CBC Under DMC
- ▣ Proposed Pipeline
- Existing Ditch
- Proposed Ditch
- Existing Concrete Pipeline



Orestimba Creek Recharge & Recovery Expansion Project

Central California Irrigation District and Del Puerto Water District

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# PROGRESS REPORT

Del Puerto Canyon Reservoir Program Management

**Subject:** November 2020 Progress Report

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

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

**Date:** January 12, 2021

**Project No.:** 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period through November 27<sup>th</sup>, 2020 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>• As appropriate and where possible, ramping down the work of Woodard &amp; Curran and subconsultant teams pending further direction from SJRECWA and DPWD and Feasibility decisions.</li> <li>• Coordination with and management of subcontractors.</li> <li>• SJRECWA and DPWD Board Meeting update memos.</li> <li>• Developing and reviewing program budget.</li> <li>• GIS shapefile management.</li> <li>• Continued work and coordination on water right application water availability analysis required by the State Board.</li> <li>• Data was provided to Clean Energy Capital to use in their financial modeling which analyzed a number of potential scenarios in which the project might unfold.</li> <li>• We are continuing to work with Leanne Henderson at Reclamation to finalize the FAA. A meeting has been set this week to discuss any remaining items.</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>

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Task Description	Work Completed This Period
<p><b>Task 3</b> Reservoir Operations Analysis</p>	<ul style="list-style-type: none"> <li>• None.</li> </ul>
<p><b>Task 5</b> CEQA/NEPA Project Phase Authorization</p>	<ul style="list-style-type: none"> <li>• Internal staff coordination and meetings.</li> <li>• Provided clients with list of all CEQA and NEPA commenters.</li> <li>• At the request of Reclamation, developed Tech Memo about non-structural alternatives using information in the Response to Comments volume, in support of NEPA alternatives analysis.</li> <li>• Reviewed lawsuit filed by a group comprised of the Sierra Club, California Native Plant Society, Center for Biological Diversity, and Friends of the River in the Stanislaus County Superior Court challenging the Final EIR under CEQA.</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>• 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>• Reclamation staff briefed the Commissioner's office in Washington, D.C. on the status of the Feasibility Report the week of November 3rd. Our team also briefed Susan Leetmaa from the Office of Management and Budget (OMB) in advance of an internal Reclamation/OMB meeting that occurred the week of November 23rd.</li> <li>• Updated the entire feasibility report and multiple appendices to address comments and provide the reviewers in D.C. with a clean, updated report to aid in their review.</li> <li>• The project was sent from Reclamations Regional and Policy teams to OMB with a recommendation that the project is consistent with the requirements of the WIIN Act. The project is currently with OMB staff for review and will proceed to the Secretary of the Interior for a final determination of consistency prior to the January 1, 2021 deadline.</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
<b>Task 13</b> Utility Company Coordination	<ul style="list-style-type: none"><li>• None.</li></ul>
<b>Task 14</b> Outreach Support	<ul style="list-style-type: none"><li>• Prepared for and attended bi-weekly program outreach meetings.</li><li>• The outreach team has been following social media, the city manager's office, the city council, Congressman Harder's office, and potential new city council candidates to track the word around town.</li><li>• Continue to make website improvements and are monitoring traffic to the site to correlate any events with heightened website visitors.</li></ul>

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## Budget Status

As of this invoice, 99% of the project budget has been billed (\$7,404,777.80 of \$8,046,300). A budget breakdown by task is included in the below table. On August 19, the DPWD Board approved a contract amendment to increase budget to key tasks, which will be reflected in the next Progress Report.

**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	\$599,047.88	\$492,734.32	\$9,351.75	\$502,086.07	\$96,961.81	84%
2	Agency Coordination and Permitting Plan	\$446,400.50	\$400,740.03	\$2,572.50	\$403,312.53	\$43,087.97	90%
3	Reservoir Operations Analysis	\$433,833.50	\$368,833.50	\$0.00	\$368,833.50	\$65,000.00	85%
4	Funding Strategy (Not Included)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
5	CEQA/NEPA Compliance	\$1,951,583.00	\$1,849,732.35	\$1,764.00	\$1,851,496.35	\$100,086.65	95%
6	Validate Facilities	\$2,155,442.87	\$2,155,442.84	\$0.00	\$2,155,442.84	\$0.03	100%
7	Procure Design Consultants	\$156,493.25	\$5,493.25	\$0.00	\$5,493.25	\$151,000.00	4%
8	Design Consultant Management (Not included)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
9	Conveyance Facilities Preliminary Design	\$1,082,697.00	\$1,082,317.94	\$0.00	\$1,082,317.94	\$379.06	100%
10	USBR Feasibility Study	\$639,000.00	\$513,180.76	\$21,887.75	\$535,068.51	\$103,931.49	84%
11	Land Owner Coordination	\$40,336.00	\$39,618.30	\$0.00	\$39,618.30	\$717.70	98%
12	Survey/Mapping	\$174,000.00	\$173,364.88	\$0.00	\$173,364.88	\$635.12	100%
13	Utility Company Coordination	\$52,466.00	\$52,349.25	\$0.00	\$52,349.25	\$116.75	100%
14	Outreach Coordination	\$315,000.00	\$298,815.83	\$2,384.75	\$301,200.58	\$13,799.42	96%
<b>Total</b>		<b>\$8,046,300.00</b>	<b>\$7,432,623.25</b>	<b>\$37,960.75</b>	<b>\$7,470,584.00</b>	<b>\$575,716.00</b>	<b>93%</b>

**Notes:**

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

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Del Puerto Canyon Reservoir Program Budget Detail

WOODARD CURRAN - PROGRAM MANAGEMENT SERVICES

TASK #	TASK NAME	Original Budget	Task Orders 1,2,3	Task Order 4	Revised Budget March 2020
Task 1	Program Management	\$ 723,202	\$ 353,823	\$ 450,020	\$ 803,843.00
Task 2	Agency Coordination and Permitting Strategy	\$ 911,829	\$ 328,043	\$ 504,000	\$ 832,043.00
Task 3	Reservoir Operational Analysis	\$ 187,495	\$ 214,305	\$ -	\$ 214,305.00
Task 4	Funding Strategy	\$ 38,188	\$ -	\$ -	\$ -
Task 5	CEQA/NEPA Compliance	\$ 1,735,871	\$ 1,197,945	\$ 840,000	\$ 2,037,945.00
Task 6	Validate Facilities	\$ 455,264	\$ 652,088	\$ 439,640	\$ 1,091,727.75
Task 7	Procure Design Teams	\$ 201,668	\$ 5,493	\$ 150,000	\$ 155,493.25
Task 8	Design Consultant Management	\$ 206,672	\$ -	\$ -	\$ -
Task 9	Conveyance Facilities Preliminary Design	\$ 419,588	\$ 725,046	\$ 322,000	\$ 1,047,046.00
Task 10	USBR Feasibility Study	\$ 163,884	\$ 70,000	\$ 335,000	\$ 405,000.00
Task 11	Land Owner Coordination	\$ -	\$ 49,916	\$ 42,000	\$ 91,916.00
Task 12	Survey/Mapping	\$ -	\$ 236,764	\$ -	\$ 236,764.00
Task 13	Utility Relocations	\$ 44,928	\$ 45,577	\$ 94,640	\$ 140,217.00
Task 14	Outreach	\$ 47,456	\$ 85,000	\$ 275,000	\$ 360,000.00
<b>TOTAL</b>		<b>\$ 5,136,045</b>	<b>\$ 3,964,000</b>	<b>\$ 3,452,300</b>	<b>\$ 7,416,300</b>

Budget Re-Work During Task Order No. 4	Spend thru 8/10/20	Task Order 5 Anticipated Spend 8/10/20 - 2/28/21	Revised Budget August 2020
\$ 478,240.00	\$ 526,563.00	\$ 75,000.00	\$ 553,240.00
\$ 456,401.00	\$ 394,175.00	\$ 40,000.00	\$ 496,401.00
\$ 368,834.00	\$ 368,834.00	\$ 50,000.00	\$ 418,834.00
\$ -	\$ -	\$ -	\$ -
\$ 1,866,583.00	\$ 1,808,553.00	\$ 125,000.00	\$ 1,991,583.00
\$ 2,018,151.00	\$ 2,107,650.00	\$ -	\$ 2,018,151.00
\$ 15,493.00	\$ 5,493.00	\$ 150,000.00	\$ 165,493.00
\$ -	\$ -	\$ -	\$ -
\$ 1,097,196.00	\$ 1,082,318.00	\$ -	\$ 1,097,196.00
\$ 405,000.00	\$ 479,152.00	\$ 150,000.00	\$ 555,000.00
\$ 62,336.00	\$ 39,618.00	\$ -	\$ 62,336.00
\$ 198,000.00	\$ 173,365.00	\$ -	\$ 198,000.00
\$ 90,066.00	\$ 52,349.00	\$ -	\$ 90,066.00
\$ 360,000.00	\$ 268,418.00	\$ 40,000.00	\$ 400,000.00
<b>\$ 7,416,300</b>	<b>\$ 7,306,488</b>	<b>\$ 630,000</b>	<b>\$ 8,046,300</b>

Budget Re-Work During Task Order No. 5	Spend thru 12/2020	Task Order 6 Anticipated Spend 03/2021 - 02/2022	Revised Budget February 2021
\$ 599,047.00	\$ 519,457.00	\$ 250,000.00	\$ 849,047.00
\$ 446,401.00	\$ 403,785.00	\$ 226,428.00	\$ 672,829.00
\$ 433,834.00	\$ 368,834.00	\$ 150,000.00	\$ 583,834.00
\$ -	\$ -	\$ 179,000.00	\$ 179,000.00
\$ 1,951,583.00	\$ 1,856,316.00	\$ 431,500.00	\$ 2,383,083.00
\$ 2,155,443.00	\$ 2,155,443.00	\$ -	\$ 2,155,443.00
\$ 156,493.00	\$ 5,493.00	\$ 268,000.00	\$ 424,493.00
\$ -	\$ -	\$ 110,182.00	\$ 110,182.00
\$ 1,082,697.00	\$ 1,082,318.00	\$ -	\$ 1,082,697.00
\$ 639,000.00	\$ 553,078.00	\$ -	\$ 639,000.00
\$ 40,336.00	\$ 39,618.00	\$ 82,050.00	\$ 122,386.00
\$ 174,000.00	\$ 173,365.00	\$ -	\$ 174,000.00
\$ 52,466.00	\$ 52,979.00	\$ 80,828.00	\$ 133,294.00
\$ 315,000.00	\$ 302,570.00	\$ 70,000.00	\$ 385,000.00
<b>\$ 8,046,300</b>	<b>\$ 7,513,256</b>	<b>\$ 1,847,988</b>	<b>\$ 9,894,288</b>

Other Activities - Not Thru W&C

TASK #	TASK NAME	2021 Cost Estimate
Task 1	Program Management	\$ -
Task 2	Agency Coordination and Permitting Strategy	\$ 572,753.00
Task 3	Reservoir Operational Analysis	\$ -
Task 4	Funding Strategy	\$ -
Task 5	CEQA/NEPA Compliance	\$ -
Task 6	Validate Facilities	\$ -
Task 7	Procure Design Teams	\$ 50,000.00
Task 8	Design Consultant Management	\$ 1,471,036.00
Task 9	Conveyance Facilities Preliminary Design	\$ -
Task 10	USBR Feasibility Study	\$ -
Task 11	Land Owner Coordination	\$ -
Task 12	Survey/Mapping	\$ -
Task 13	Utility Relocations	\$ 455,620.00
Task 14	Outreach	\$ -
<b>SUBTOTAL</b>		<b>\$ 2,549,409.00</b>
10% Contingency & Misc on WC & Other		\$ 439,740.00
Business & Organizational Development		\$ 200,000.00
Funding Development		\$ 100,000.00
<b>TOTAL</b>		<b>\$ 3,289,149.00</b>

Budget	
Estimated Budget Requirement - W-	
C	\$ 9,894,288
Estimated Budget Requirement - OTHER	\$ 3,289,149
Estimated Budget Requirement - USBR	\$ 1,500,000
	<u>\$ 14,683,437</u>
	x 50% share \$ 7,341,719
Funding	
DPWD 2019-20 Approved Budget	\$ 2,101,897
DPWD 2020-21 Approved Budget	\$ 1,792,695
DPWD 2020-21 Approved Budget Addition	\$ 315,000
WIIN Act Feasibility Study Funding Approved	\$ 750,000
WIIN Act Feasibility Study Funding Approved	\$ 750,000
	x 50% share \$ 750,000
	<u>\$ 5,709,592</u>
DPWD 2021 Budget Request	\$ 1,632,127
Summary	





## MONTHLY REPORT

### FUNDING

On January 20, 2021 the California Water Commission (CWC) authorized changes to maximum conditional awards for all seven projects funded through the Water Storage Investment Program (WSIP). The 2.5 percent inflation adjustment for the Project increased WSIP funding by \$11,475,000 such that the maximum conditional award increased from \$459,000,000 to \$470,475,000.

CCWD is working with Reclamation to develop an assistance agreement for a portion of this funding that will be administered by the District. Future federal funding requests may include the remainder of the full federal share of 25 percent of the total project cost. A schedule for upcoming briefings in Washington D.C. is being developed. General Managers and senior staff of the Local Agency Partners (LAPs) will be invited to participate in the briefings.

The following chart provides an overview of the MPA expenditures, in-kind services, funds received, outstanding receivable, and cash on hand as of January 22, 2021.

JANUARY 29, 2021

### UPCOMING ACTIVITIES

February 2 – Legal Work Group meeting

February (TBD) – Virtual GM meeting

February - June (TBD) – Virtual Washington D.C. meetings

February 24 – Urban Water Management Plan Coordination meeting

### UPCOMING LAP BOARD COORDINATION

February 4 – SLDMWA Board meeting

February 9 – Tentative BBID Board meeting

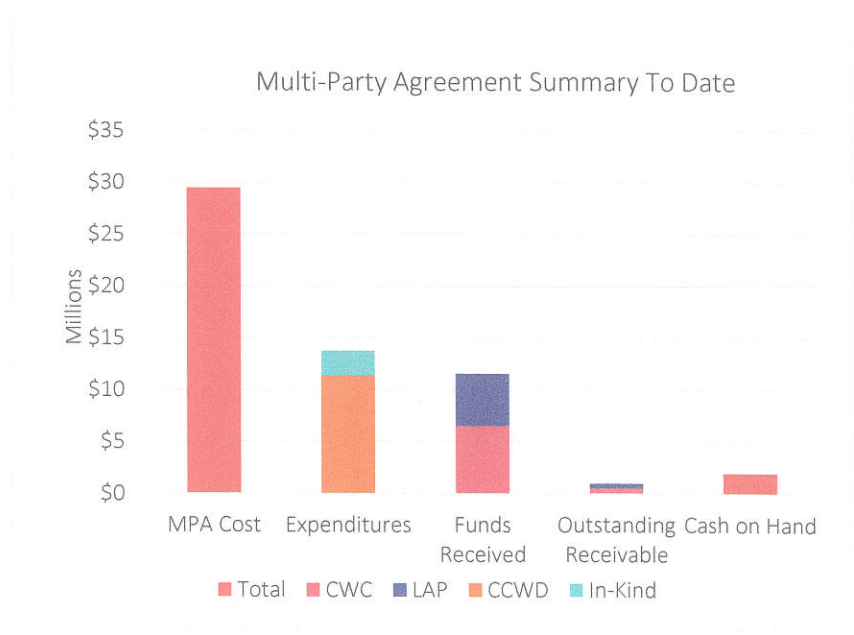
TBD – Valley Water Storage Committee

### 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>



### JPA FORMATION

The Legal Work Group is scheduled to meet February 2, 2021 to review the Los Vaqueros Reservoir Joint Exercise of Powers (JPA) Agreement. The target date for JPA formation is Spring 2021.



## **CCWD AND EBMUD USAGE FEES**

Version 5.0 of the proforma financial model is in the process of being updated to incorporate the updated EBMUD usage fees, updated cost estimates, and updated operations modeling. A final version of the letter of intent will be sent to the partners next week and will be executed prior to JPA formation.

## **AG/URBAN WATER MANAGEMENT PLAN**

CCWD and LAP staff are coordinating on updates to the 2020 Agricultural and Urban Water Management Plans. Coordination centers around inclusion of LVE in the plan updates and reduced reliance on the Delta.

## **PERMITTING**

CCWD staff provided a briefing to the assigned California Department of Fish and Wildlife (CDFW) staff person and kicked off the coordination required for permitting. CDFW is initiating review of a pre-formal draft of the incidental take permit application. Permit application packages were submitted to the U.S. Army Corps of Engineers and the Central Valley Regional Water Quality Control Board on January 8.

CCWD staff are continuing discussions with the State Water Resources Control Board in preparation for modifications to CCWD's Los Vaqueros water rights as needed for future LVE operations.

## **OTHER AGREEMENTS**

CCWD continues to coordinate with the California Department of Water Resources (DWR) and are in the process of executing the Memorandum of Understanding (MOU). The MOU provides a framework for future coordination and agreement development with DWR. A fully executed copy will be sent to the partners.

EBMUD and CCWD are developing a Backstop MOU for the potential provision of alternative conveyance through EBMUD facilities when the reservoir will be unavailable.

## **DESIGN**

CCWD staff provided an update on the LVE Facilities to the CCWD Operations & Engineering Committee on January 13. Coordination with DWR continues on the Transfer-Bethany Pipeline, and a formal Request for Turn-in to the California Aqueduct at Bethany Reservoir has been submitted to initiate design efforts and DWR reviews.





Work on Pumping Plant No. 1 Replacement preliminary design technical evaluations has continued, including additional surveying and hydraulic modeling. CCWD staff updated the final design scope of work and budget for the Assistance Agreement with Reclamation.

CCWD staff are preparing for two key dam design meetings in early February with the Division of Safety of Dams and the District's Technical Review Board to review the 50% Dam Design and the physical model results for the new emergency outlet.

