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## Anthea Hansen

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**From:** Donna Bond <dbond@ppeng.com>  
**Sent:** Friday, November 18, 2022 4:26 PM  
**To:** Ben Fenters (bfenters@ccidwater.org); Jarrett Martin; 'Steve Chedester'; Adam Scheuber; Anthea Hansen  
**Cc:** Rick Iger; Calvin Monreal  
**Subject:** OCRR Expansion Project - Bid Documents

Hi All,

Here is a link to the OneDrive folder containing the bid documents.

 OCRR Expansion-Bid Documents

I emailed the following exchanges and contractors with the information to register as planholders and request bid documents.

Valley Builders Exchange  
Central California Builders Exchange  
Dodge Data and Analytics (former McGraw Hill)  
Wood Bros  
Superior Ag Construction  
Kegle Construction  
Mcelvany  
Nicholas Construction  
Rados  
Floyd Johnston Inc.  
Pacific Boring

Thank you,

**Donna Bond**  
**Provost & Pritchard Consulting Group**  
249 West Pacheco Blvd, Suite B  
Los Banos, CA 93635  
Office: (209) 829-1685 ext. 405  
Fax: (209) 829-1675  
E-mail: [dbond@ppeng.com](mailto:dbond@ppeng.com)  
Website: [provostandpritchard.com](http://provostandpritchard.com)

### CONFIDENTIALITY NOTE

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Please consider the environment before printing this e-mail.

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## Anthea Hansen

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**From:** Anthea Hansen  
**Sent:** Friday, November 18, 2022 7:52 AM  
**To:** Ben Fenters; Donna Bond  
**Cc:** Jarrett Martin; 'Steve Chedester'; Adam Scheuber; Calvin Monreal; Rick Iger  
**Subject:** RE: Award Timeframe Spec Change

OK with me if all of the issues in the Bid Specs have been addressed.

Anthea

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**From:** Ben Fenters <bfenters@ccidwater.org>  
**Sent:** Friday, November 18, 2022 7:38 AM  
**To:** Donna Bond <dbond@ppeng.com>  
**Cc:** Jarrett Martin <JMartin@ccidwater.org>; 'Steve Chedester' <stevechedester@sjrecwa.net>; Adam Scheuber <ascheuber@delpuertowd.org>; Anthea Hansen <ahansen@delpuertowd.org>; Calvin Monreal <cmonreal@ppeng.com>; Rick Iger <riger@ppeng.com>  
**Subject:** RE: Award Timeframe Spec Change

Unless anyone has any other conjecture, I think the schedule below is the best we have to work with.

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**From:** Donna Bond <dbond@ppeng.com>  
**Sent:** Thursday, November 17, 2022 5:05 PM  
**To:** Ben Fenters <bfenters@ccidwater.org>  
**Cc:** Jarrett Martin <JMartin@ccidwater.org>; 'Steve Chedester' <stevechedester@sjrecwa.net>; Adam Scheuber <ascheuber@delpuertowd.org>; Anthea Hansen <ahansen@delpuertowd.org>; Calvin Monreal <cmonreal@ppeng.com>; Rick Iger <riger@ppeng.com>  
**Subject:** FW: Award Timeframe Spec Change

Hi Ben,

We want to make sure you are on board with the information below and confirm how you want us to proceed with the permits listed in the Table of Contents Appendix.

We will have the package ready to send out to contractors tomorrow.

Thank you,

**Donna Bond**  
**Provost & Pritchard Consulting Group**  
249 West Pacheco Blvd, Suite B  
Los Banos, CA 93635  
Office: (209) 829-1685 ext. 405  
Fax: (209) 829-1675  
E-mail: [dbond@ppeng.com](mailto:dbond@ppeng.com)  
Website: [provostandpritchard.com](http://provostandpritchard.com)

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communication in error, please immediately delete it and notify the sender at the return e-mail address or by telephone at (559) 449-2700. Thank you.

Please consider the environment before printing this e-mail.

**From:** Donna Bond

**Sent:** Thursday, November 17, 2022 10:26 AM

**To:** Ben Fenters <[bfenters@ccidwater.org](mailto:bfenters@ccidwater.org)>; Calvin Monreal <[cmonreal@ppeng.com](mailto:cmonreal@ppeng.com)>; Rick Iger <[riger@ppeng.com](mailto:riger@ppeng.com)>

**Cc:** Steve Chedester <[stevechedester@sjrecwa.net](mailto:stevechedester@sjrecwa.net)>; Anthea Hansen <[ahansen@delpuertowd.org](mailto:ahansen@delpuertowd.org)>; 'Adam Scheuber' <[ascheuber@delpuertowd.org](mailto:ascheuber@delpuertowd.org)>; Jarrett Martin <[JMartin@ccidwater.org](mailto:JMartin@ccidwater.org)>

**Subject:** RE: Award Timeframe Spec Change

Hi Ben,

1. We have changed the award period in the specifications to 45 calendar days. With this change we have reviewed the estimated dates for everything else including construction time. See the estimated time frame below:

Advertising: November 16, 2022  
November 23, 2022  
November 30, 2022

Pre-Bid Tour: December 6, 2022

Bid Opening: ~~December 15, 2022~~

*extended to Dec 29*

Notice of Award: By January 30, 2023 (This is 45 Calendar Days from Bid Opening)

insurance. Contractor has 10 Calendar Days to execute agreement and provide bonds and

Notice to Proceed: By February 10, 2023

Contractor has 14 Calendar Days to begin Construction

Construction Begins: By February 24, 2023

Construction Ends: By September 29, 2023 (151 Working Days for construction – excludes holidays and weekends)

Monitoring Period: September 30, 2023 through October 30, 2023 (Grant Requirement?)

Please respond to indicate concurrence with the above estimated schedule.

2. We have listed the various permits and agreements as appendices in the specifications; however, we do not have copies of all of them to include in the package. Below is a list as it appears in the Table of Contents. The highlighted ones indicate we do not have them yet. We could use the draft CDFW – LSA in the package. We could note in parenthesis that the ones we don't have will be available at the District office or pending. We did not list the PMAs but did indicate in Section 00 52 17 "Contractor's Responsibilities" that they have been obtained. I think we could remove the "Landowner Right-to Entry Agreements" from the list since they probably don't contain mitigation measures that need to be complied with and possible remove the ISR-AIA from the list too.

#### APPENDIX

A. US Army Corp of Engineers 404 Verification – SPK-2002-00260

B. Central Valley Regional Water Quality Control Board 401 Water Quality Certification WQID No. – 5B50CR00104

- C. California Department of Fish and Wildlife Lake and Streambed Alteration Agreement – STA-30476 (DRAFT)
- D. DWR Encroachment Permit – 1982 (PENDING)
- E. USBR License Agreement (PENDING)
- F. Landowner Right-to-Entry Agreements
- G. Indirect Source Review – Air Impact Assessment (Required for Dust Control Plan)
- H. Mitigation, Monitoring and Reporting Program

Please let us know how you want to proceed.

Thank you,

**Donna Bond**  
**Provost & Pritchard Consulting Group**  
 249 West Pacheco Blvd, Suite B  
 Los Banos, CA 93635  
 Office: (209) 829-1685 ext. 405  
 Fax: (209) 829-1675  
 E-mail: [dbond@ppeng.com](mailto:dbond@ppeng.com)  
 Website: [provostandpritchard.com](http://provostandpritchard.com)

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**From:** Ben Fenters <[bfenters@ccidwater.org](mailto:bfenters@ccidwater.org)>  
**Sent:** Wednesday, November 16, 2022 11:23 AM  
**To:** Donna Bond <[dbond@ppeng.com](mailto:dbond@ppeng.com)>; Calvin Monreal <[cmonreal@ppeng.com](mailto:cmonreal@ppeng.com)>; Rick Iger <[riger@ppeng.com](mailto:riger@ppeng.com)>  
**Cc:** Steve Chedester <[stevechedester@sirecwa.net](mailto:stevechedester@sirecwa.net)>; Anthea Hansen <[ahansen@delpuertowd.org](mailto:ahansen@delpuertowd.org)>; 'Adam Scheuber' <[ascheuber@delpuertowd.org](mailto:ascheuber@delpuertowd.org)>; Jarrett Martin <[JMartin@ccidwater.org](mailto:JMartin@ccidwater.org)>  
**Subject:** Award Timeframe Spec Change

Good morning Donna,

Since getting Board approval to award a contract will be contingent on receiving a finalized stormwater grant agreement, and the grant folks have indicated a loose timing of "late December or early January" we need to build in a little more buffer for awarding this contract incase we do not have all our ducks lined up by January 15<sup>th</sup>. Let's change to a duration below 45 days.

is in section 00 21 13-3

#19 The award of the contract, if made, will be **within thirty (30) calendar days** after the opening of bids, and satisfactory submittal of materials required prior to the formal award.

**Ben Fenters, PE**  
 Deputy General Manager  
 Central California Irrigation District  
 Office: 209-826-1421  
 Cell: 209-619-9402

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## Anthea Hansen

**From:** Joplin, Spencer@Waterboards <Spencer.Joplin@waterboards.ca.gov>  
**Sent:** Tuesday, December 6, 2022 11:40 AM  
**To:** Ben Fenters  
**Cc:** Steve Chedester; Anthea Hansen  
**Subject:** Orestimba Creek Recharge and Recovery Project (D2112156)

All, the Deputy Director has approved the rights memo, which means the agreement can move forward. The approved recommendation was to hold construction grant funds until the temporary diversion permit was issued and a legal opinion was submitted in support of the ability to operate once constructed. I'll send a revised draft agreement once my rough draft of the language has been reviewed.

What I need now are revised dates for the schedule. Yellow highlighted cells need to be updated because they're in the past. The cyan highlighting are the new deliverables related to water rights. Please edit the dates, including extending the end dates as necessary, and send the table back to me.

| ITEM                        | DESCRIPTION OF SUBMITTAL                                              | CRITICAL DUE DATE       | ESTIMATED DUE DATES         |
|-----------------------------|-----------------------------------------------------------------------|-------------------------|-----------------------------|
| EXHIBIT A.2 – SCOPE OF WORK |                                                                       |                         |                             |
| 1.                          | Project Management                                                    |                         |                             |
| 1.2                         | Notification of Upcoming Meetings, Workshops, and Trainings           |                         | As Needed                   |
| 1.3                         | Detailed Project Schedule                                             | 60 Days After Execution |                             |
| 1.4                         | Site Visits                                                           |                         | As Needed                   |
| 1.5                         | Photo Documentation                                                   |                         | Ongoing                     |
| 2.                          | General Compliance Requirements/Project Effectiveness and Performance |                         |                             |
| 2.1                         | GPS Information                                                       |                         | August 2022                 |
| 2.2                         | Monitoring and Reporting Plan                                         |                         | August 2022                 |
| 2.4.                        | Quality Assurance Project Plan                                        |                         | August 2022                 |
| 2.5                         | Water Quality Data Upload to CEDEN                                    |                         | Before Work Completion Date |
| 2.6                         | Geotracker Upload                                                     |                         | Before Work Completion Date |
| 3.                          | Environmental Compliance and Permitting                               |                         |                             |
| 3.1.1                       | Draft CEQA                                                            |                         | Complete                    |
| 3.1.2                       | Final CEQA                                                            | Complete                |                             |

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| ITEM               | DESCRIPTION OF SUBMITTAL                                    | CRITICAL DUE DATE  | ESTIMATED DUE DATES |
|--------------------|-------------------------------------------------------------|--------------------|---------------------|
| 3.2                | List and Signed Approvals, Entitlements and Permits         | December 31, 2022  |                     |
| 3.2.1              | Temporary diversion permit                                  |                    | January 2023        |
| 3.2.2              | Opinion of Recipient's counsel regarding ability to operate |                    | February 2023       |
| 3.2.3              | Renewals to temporary diversion permit                      |                    | As needed           |
| 3.2.4              | Permanent water right                                       |                    | January 2028        |
| 4.                 | Planning, Design, and Engineering                           |                    |                     |
| 4.1                | Design Report                                               |                    | August 2022         |
| 4.2                | 50% Plans and Specifications                                | September 30, 2022 |                     |
| 4.3                | 100% Plans and Specifications                               |                    | October 2022        |
| 4.4                | Advertised Bid Documents and Bid Summary                    |                    | November 2022       |
| 5.                 | Construction and Implementation                             |                    |                     |
| 5.1                | Notice(s) to Proceed                                        | December 31, 2022  |                     |
| 5.3                | Proposed Changes During Construction                        |                    | As Needed           |
| 5.4                | As-Built Drawings and Summary of Changes                    | November 30, 2023  |                     |
| 5.5                | Operations and Maintenance Plan                             |                    | November 2023       |
| 7.                 | Stakeholder Outreach                                        |                    |                     |
| 7.1.1              | Outreach Materials and Photo Documentation                  |                    | November 2023       |
| 7.2.1              | Photo documentation of the installed elements               |                    | November 2023       |
| EXHIBIT A- REPORTS |                                                             |                    |                     |
| A.3                | Progress Reports                                            | Quarterly          |                     |
| A.4                | As Needed Information or Reports                            |                    | As Needed           |
| A.5                | Final Reports                                               |                    |                     |
| A.5(a)(1)          | Draft Final Project Report                                  | December 31, 2023  |                     |



| ITEM                      | DESCRIPTION OF SUBMITTAL                   | CRITICAL DUE DATE           | ESTIMATED DUE DATES |
|---------------------------|--------------------------------------------|-----------------------------|---------------------|
| A.5(a)(2)                 | Final Project Report                       | January 31, 2024            |                     |
| A.5(a)(3)                 | Final Project Summary                      | Before Work Completion Date |                     |
| A.45(a)(4)                | Final Project Inspection and Certification | Before Work Completion Date |                     |
| EXHIBIT B – FUNDING TERMS |                                            |                             |                     |
| B.6(e)                    | Reimbursement Requests                     | Quarterly                   |                     |
| B.6(i)                    | Final Reimbursement Request                | March 31, 2024              |                     |

I'll be available most of this week if you have questions.

Spencer Joplin | M-F 7:15-3:45 | email/phone/MS Teams

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## Adam Scheuber

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**From:** do\_not\_reply@grants.gov  
**Sent:** Friday, December 9, 2022 2:30 PM  
**To:** Adam Scheuber  
**Cc:** Anthea Hansen  
**Subject:** GRANT13768473 Grants.gov Grantor Agency Retrieval Receipt for Application

Your application has been retrieved by the Grantor agency.

Type: GRANT

Grants.gov Tracking Number: GRANT13768473

UEI: RPZJYHFAX2E4

AOR name: Adam J Scheuber

Application Name: Orestimba Creek Recharge and Recovery Expansion Project

Opportunity Number: R23AS00019

Opportunity Name: Small Surface Water and Groundwater Storage Projects

<https://apply07.grants.gov/apply/login.faces?cleanSession=1>

We will notify you via email when your Grantor agency has assigned an Agency Tracking Number to your application.

Thank you.

Grants.gov

If you have questions please contact the Grants.gov Contact Center:

[support@grants.gov](mailto:support@grants.gov)

1-800-518-4726

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# Progress Report

## Del Puerto Canyon Reservoir Program Management

**Subject:** September-October 2022 Progress Report

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

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

**Date:** November 22, 2022

**Project No.:** 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period through October 28<sup>th</sup>, 2022, 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                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Task 1</b><br>Program<br>Management | <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> |

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| Task Description                                                 | Work Completed This Period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Task 2</b><br/>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>• We have been working with USBR to prepare for the upcoming release of the EIS document for public review. Cooperating Agency comments have been received by USBR and responses to comments are being evaluated.</li> <li>• Our team developed a Financial Assistance Agreement package that was delivered to USBR. A FAA is needed to facilitate the transfer of WIIN Act funding to the Project Sponsors. Our team prepared the response by completing all of the template documents, pulling together the backup details to support review, and returning the package to USBR for processing. We are awaiting the review of our package submittal.</li> </ul> |
| <p><b>Task 3</b><br/>Reservoir Operations Analysis</p>           | <ul style="list-style-type: none"> <li>• None.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Task 4</b><br/>Funding</p>                                 | <ul style="list-style-type: none"> <li>• None.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Task 5</b><br/>CEQA/NEPA Project Phase Authorization</p>   | <ul style="list-style-type: none"> <li>• Ongoing coordination with Reclamation regarding EIS, Biological Assessment and Section 106 consultation.</li> <li>• Reviewed fisheries appendix to EIS before Reclamation sent to Cooperating agencies.</li> <li>• We have been working with USBR to prepare for the upcoming release of the EIS document for public review. Cooperating Agency comments have been received by USBR and responses to comments are being evaluated.</li> <li>• USBR has been reviewing the EIS internally and working to address internal comments. Our team is waiting for further direction on how to proceed with supporting NEPA.</li> </ul>                                                                                                                                                                                             |
| <p><b>Task 6</b><br/>Validate Facilities</p>                     | <ul style="list-style-type: none"> <li>• None.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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| Task Description                                                  | Work Completed This Period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Task 7</b><br/>Procure Design Consultants</p>               | <ul style="list-style-type: none"> <li>• Our team continued field exploration activities this period. To complete all of the borings in Phase 1 we needed to adapt our drilling technique to sonic drilling (as discussed in the last report). In order to secure our permit, we needed to resubmit an application to account for this new drilling method. Once the permit was authorized, we began sonic drilling in borrow and landslide areas, completing 11 borings and 1 piezometer installation. We also began mud rotary drilling and rock coring at the main dam and saddle dams, completing 1 boring at Saddle Dam 2 and 2 borings at Saddle Dam 1. A downhole geophysics and packer testing operation was also conducted.</li> <li>• We toured DSOD observers around the geotechnical drilling operation and reviewed the preliminary results of the geologic mapping with their representatives. The field visit was well received. Our teams interacted positively with DSOD staff, answering questions, and looking at core samples together. Boring log templates have been standardized for use across the entirety of the project investigation. In the coming period we will complete drilling of the sonic borings, select lab testing specimens, continue mud rotary/rock coring borings, excavate and log test pits, and excavate and map trenches along the centerline of Saddle Dam 1.</li> <li>• We've continued to prepare for our Phase 2 investigations by updating location maps and other plan information to begin the permitting process. Phase 2 is planned to begin in the Spring of 2023.</li> </ul> |
| <p><b>Task 8</b><br/>Design Consultant Management</p>             | <ul style="list-style-type: none"> <li>• Our team coordinated the TRB meeting which was held on October 26 – 28, 2022 at the site and DPWD office in Patterson, CA.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Task 9</b><br/>Conveyance Facilities Preliminary Design</p> | <ul style="list-style-type: none"> <li>• None.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



| Task Description                                  | Work Completed This Period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Task 10</b><br>USBR Feasibility<br>Report      | <ul style="list-style-type: none"> <li>• None.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Task 11</b><br>Land-Owner<br>Coordination      | <ul style="list-style-type: none"> <li>• To prepare for the eventual procurement of the road relocation design, our team has drafted a RFQ to kickoff the solicitation process. Having this ready is important to maintain schedule when the road relocation work needs to be advanced.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Task 12</b><br>Survey/Mapping                  | <ul style="list-style-type: none"> <li>• None.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Task 13</b><br>Utility Company<br>Coordination | <ul style="list-style-type: none"> <li>• Representatives from our teams continue to meet with PG&amp;E and Stantec monthly basis.</li> <li>• The TGP team developed a drawing for Crimson for their purposes of engaging the project. Revised AutoCAD drawing including the WAPA corridor and revised PG&amp;E tower locations were included in the drawing for Crimson review.</li> <li>• TGP is performing site exploration at PG&amp;E tower/structure sites.</li> <li>• Stantec has stopped progressing its transmission line relocation design pending receipt of geotechnical exploration reporting at proposed tower locations and advancement of access road design by Program.</li> <li>• Program continues to try and engage Crimson Pipelines in relocation discussions.</li> </ul> |

| Task Description                           | Work Completed This Period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Task 14</b><br/>Outreach Support</p> | <ul style="list-style-type: none"> <li>Continued updates on social media engagement on the project.</li> <li>We're continuing to build our communication plan with Ellen Cross. Our team met in Patterson at DPWD to go through the elements of the plan, prepare for short-term engagement milestones, and identify key stakeholders to communicate with as the Program proceeds. We are in the process of ensuring we have thought about all the potential stakeholders and mapping out our current relationships and past interactions. In the near term, our communication plan will be tailored to the upcoming geotechnical investigation activities onsite.</li> </ul> |

## Budget Status

As of this invoice, 88% of the project budget has been billed (\$8,754,168.22 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          | \$771,690.36          | \$16,157.50         | \$787,847.86          | \$125,260.15          | 86%              |
| 2            | Agency Coordination and Permitting Plan  | \$726,775.42          | \$497,241.28          | \$36,565.64         | \$533,806.92          | \$192,968.50          | 73%              |
| 3            | Reservoir Operations Analysis            | \$583,833.50          | \$373,206.00          | \$0.00              | \$373,206.00          | \$210,627.50          | 64%              |
| 4            | Funding Strategy                         | \$179,000.00          | \$29,353.50           | \$556.25            | \$29,909.75           | \$149,090.25          | 17%              |
| 5            | CEQA/NEPA Compliance                     | \$2,366,939.04        | \$2,074,335.74        | \$58,912.84         | \$2,133,248.58        | \$233,690.46          | 90%              |
| 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          | \$113,929.55          | \$742.50            | \$114,672.05          | \$309,821.20          | 27%              |
| 8            | Design Consultant Management             | \$70,182.08           | \$61,544.90           | \$14,440.24         | \$75,985.14           | (\$5,803.06)          | 108%             |
| 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          | \$47,411.80           | \$0.00              | \$47,411.80           | \$75,609.32           | 39%              |
| 12           | Survey/Mapping                           | \$173,364.88          | \$173,364.88          | \$0.00              | \$173,364.88          | \$0.00                | 100%             |
| 13           | Utility Company Coordination             | \$139,032.25          | \$316,368.85          | \$3,960.00          | \$320,328.85          | (\$181,296.60)        | 230%             |
| 14           | Outreach Coordination                    | \$385,000.00          | \$351,079.97          | \$3,767.00          | \$354,846.97          | \$30,153.03           | 92%              |
| <b>Total</b> |                                          | <b>\$9,894,289.00</b> | <b>\$8,619,066.25</b> | <b>\$135,101.97</b> | <b>\$8,754,168.22</b> | <b>\$1,140,120.78</b> | <b>88%</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, which is in flux; coordination with Reclamation is ongoing.

## **Outstanding Issues**

### **Bureau of Reclamation Coordination**

- The draft EIS was originally 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. Reclamation has said that Draft EIS would be published in late September or early October 2022, but continued schedule slippage appears likely because Reclamation received extensive comments from cooperating agencies. EPA is requesting evaluation of additional alternatives and Reclamation has not been able to agree on approach for moving forward to address this comment.
- 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.

### **Army Corps Coordination**

- The Corps is officially a cooperating agency for the USBR NEPA process. They have designated Reclamation to act on their behalf in the Section 7 consultation. We have a Preliminary Jurisdictional Determination from the Corps, which we have agreed is sufficient for the Project. We have determined that an Approved Jurisdictional Determination is not needed.

### **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 not been responsive, and the Program team is strategizing on how to get Crimson engaged. Change in Crimson staff may open up opportunities to engage with their engineering group.



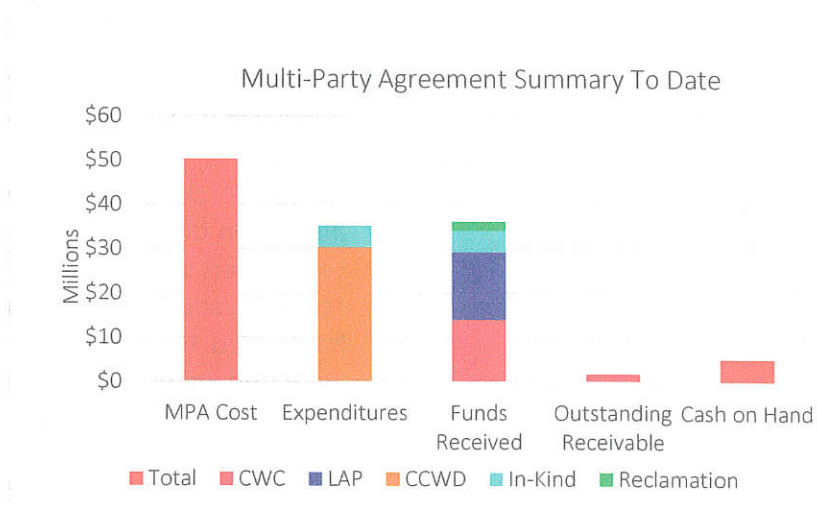
X.C.

## MONTHLY REPORT

### FUNDING

Amendment No. 4 to the Multi-party Cost Share Agreement is on target to be fully executed by the end of the year. The local cost share proposed for each agency is \$1,094,000.

The following chart provides an overview of the Multi-party Agreement (MPA) expenditures through October 31, 2022. The funds received, outstanding receivable, and cash on hand are shown through October 31, 2022.



DECEMBER 16, 2022

### UPCOMING ACTIVITIES

December 22 at 1:00 p.m. – JPA Finance Committee Meeting

January 11 at 9:30 a.m. – JPA Regular Board Meeting

January TBD – Legal workgroup meeting for service agreements

January TBD – Finance workgroup for service agreements

### UPCOMING LAP BOARD COORDINATION

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>

[www.losvaquerosjpa.com](http://www.losvaquerosjpa.com)

### JPA BOARD OF DIRECTORS MEETINGS

On December 14 the JPA Board of Directors met via teleconference. The JPA adopted conflict of interest code and authorized Executive Director to pursue indicative credit rating with S&P. The next monthly JPA Board Meeting has been scheduled for January 11 and the meeting agenda packet will be distributed to JPA Directors and Alternate Directors on Thursday, January 5 and posted to the JPA website on Friday, January 6.

### PERMITTING

U.S. Fish and Wildlife Service (USFWS) continues work on the Biological Opinion for terrestrial species. USFWS Migratory Bird Program staff continue drafting an Environmental Assessment for their eagle take permit action. California Department of Fish and Wildlife (CDFW) continues work on the Incidental Take Permit for terrestrial species and Lake and Streambed Alteration Agreement. Meetings have been ongoing with CDFW to finalize modeling for aquatic Incidental Take Permit application. Central Valley Regional Water Quality Control Board (CVRWQCB) issued its Section 401 permit on June 30, 2022. The U.S. Army Corps of Engineers (USACE)

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continues work on its Section 404 permit which will be issued after Reclamation issues its Record of Decision. Draft water rights change petitions have been prepared and submitted to staff at the State Water Resources Control Board for preliminary review.

## **DESIGN**

A Notice to Proceed was issued to GEI to kick off Capital Project Management (CPM) activities. Early activities are intended to develop a Project Management Plan, assess risk management activities to date and develop a comprehensive risk management plan, and to develop a project controls needs assessment to assist in selection of a Project Management Information System that will support CCWD's efforts. In addition, CCWD has approved performing a technical review of the Pumping Plant No. 1 Replacement 60-percent design.

CCWD is currently reviewing the data report resulting from inspection of the Transfer Pipeline, the inlet/outlet pipeline to the Los Vaqueros Dam. The data report will be used to verify the pipeline condition and to develop any recommended improvements that may be needed to withstand the higher pressure requirements of the increased water level of the expanded reservoir. A summary report is anticipated in early 2023.

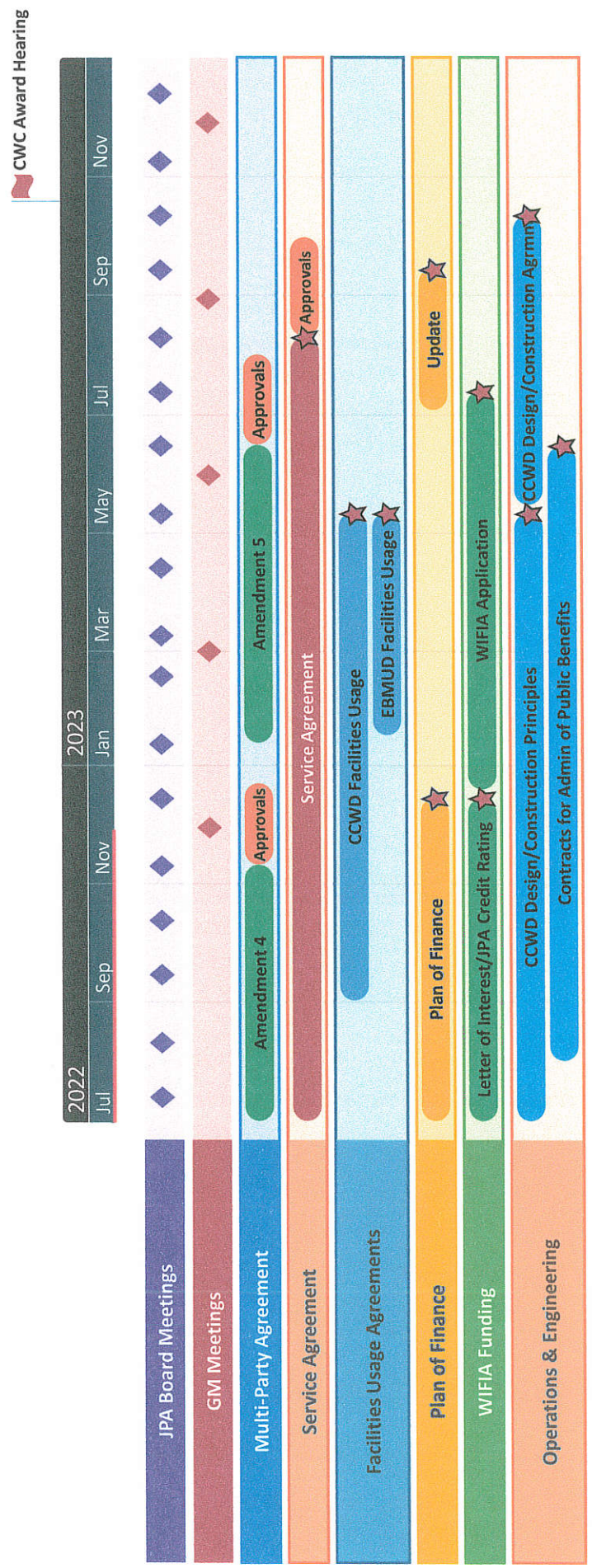
The 90-percent design of the Transfer-Bethany Pipeline Turn-In to the California Aqueduct was submitted to the California Department of Water Resources to review. Coordination continues to define the process for approval of a Turn-In Agreement and any other actions needed to support the final award hearing. Analyses and discussions with DFW about other TBPL alignment options outside of the DWR right-of-way continue to progress. CCWD is also preparing recommendations to support selection of the property rights that should be procured for the pipeline right-of-way.

CCWD and Reclamation continue to review 60-percent design of the Pumping Plant No. 1 Replacement. Physical model testing of PP1 has been completed, including witness testing by CCWD and by the District's 3<sup>rd</sup> party hydraulic modeling technical review expert.

CCWD continues to develop responses to comments and updated plans, specifications, and technical memoranda for the dam expansion in response to comments resulting from review by the California Division of Safety of Dams (DSOD). All comments are anticipated to be resolved and the design re-submitted in early 2023 for DSOD approval.



# Los Vaqueros Reservoir Joint Powers Authority Draft 2023 Coordination Timeline



Key: ★ JPA Board Action

Future Agreements to Develop (Schedules TBD)

EBMUD Design & Construction Agreement, Conveyance Agreement(s) (e.g., SBA), O&M Agreements, CCWD Backstop Agreement

December 2022





X. D.

# HALLMARK GROUP

Capital  
Program  
Management

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

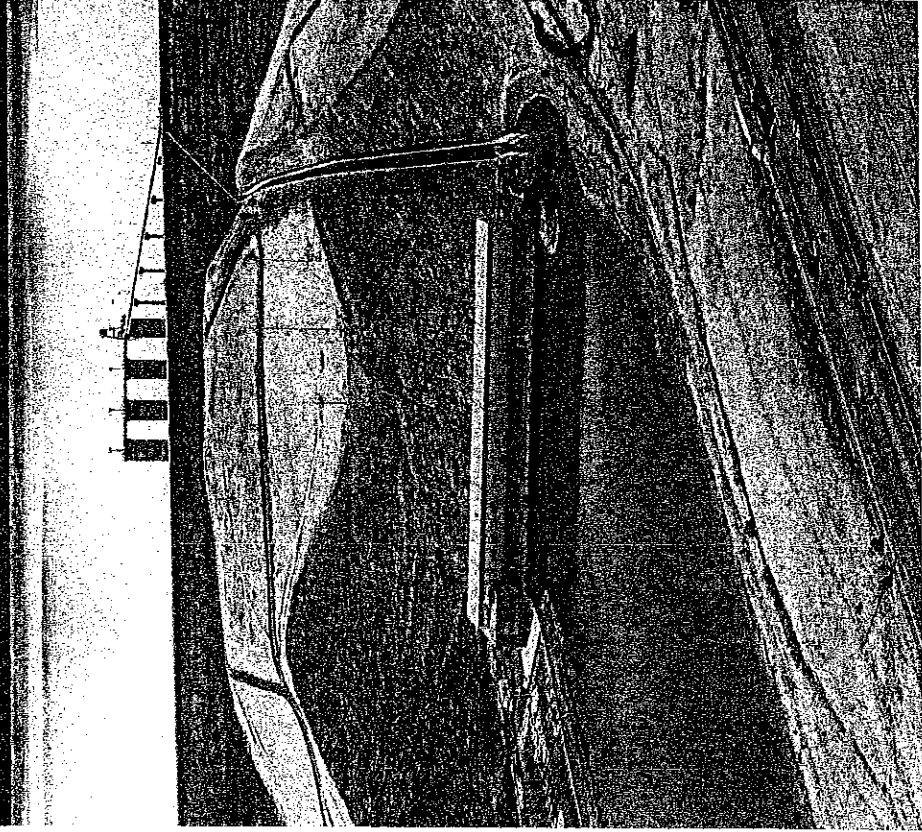
December 7, 2022

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## Notice

*The project cost and allocations are in working draft form and are being provided for discussion purposes only. These cost figures and allocations are subject to change.*

# Agenda



Meeting Purpose

Schedule

Cost

Summary of Modeling To-Date

Additional Benefits

Cost Share Assumptions

Next Steps

**HALLMARK** Capital  
**GROUP** Program  
Management

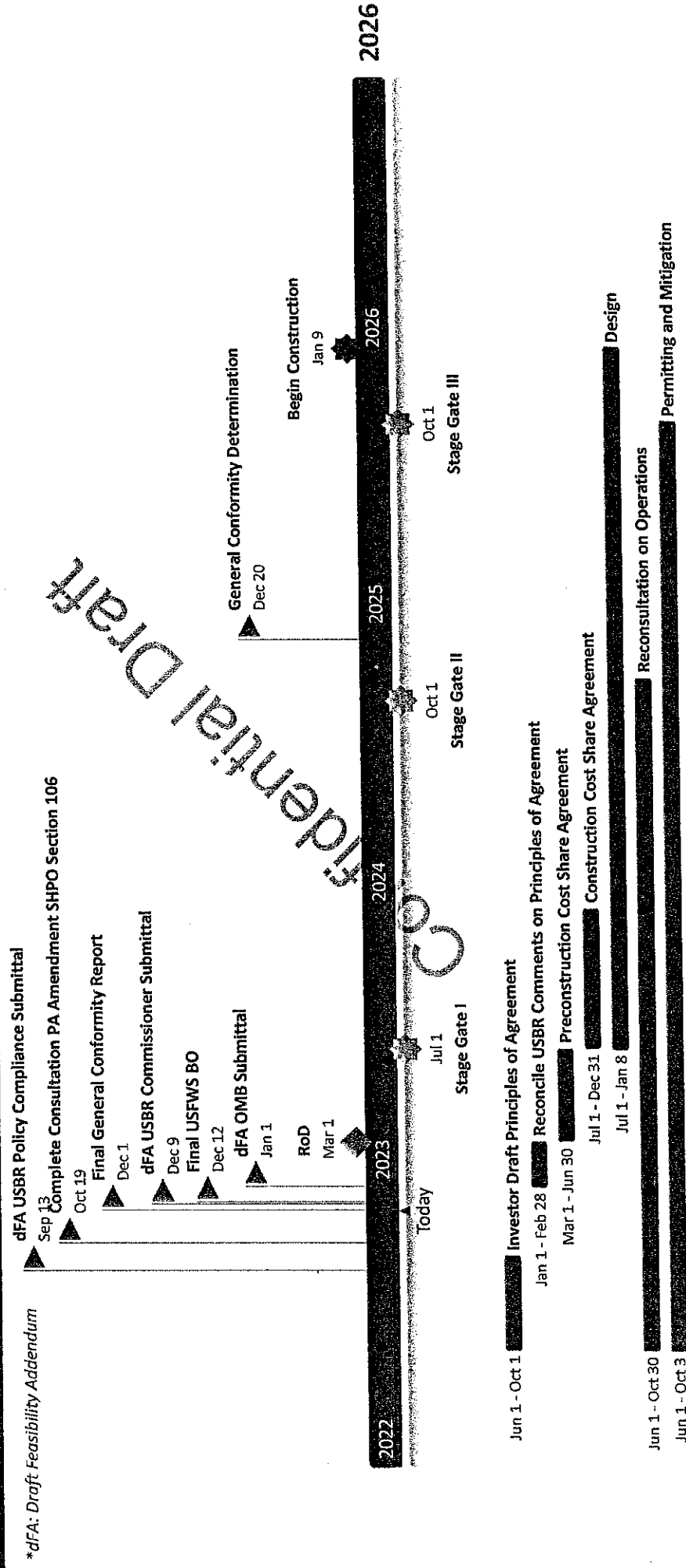
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## Meeting Purpose

To provide the investors with a consistent baseline of information to take to their respective Boards to ensure timely decisions in advance of future project contributions.

# B.F. Sisk Dam Raise & Expansion Project Schedule

## December 7, 2022

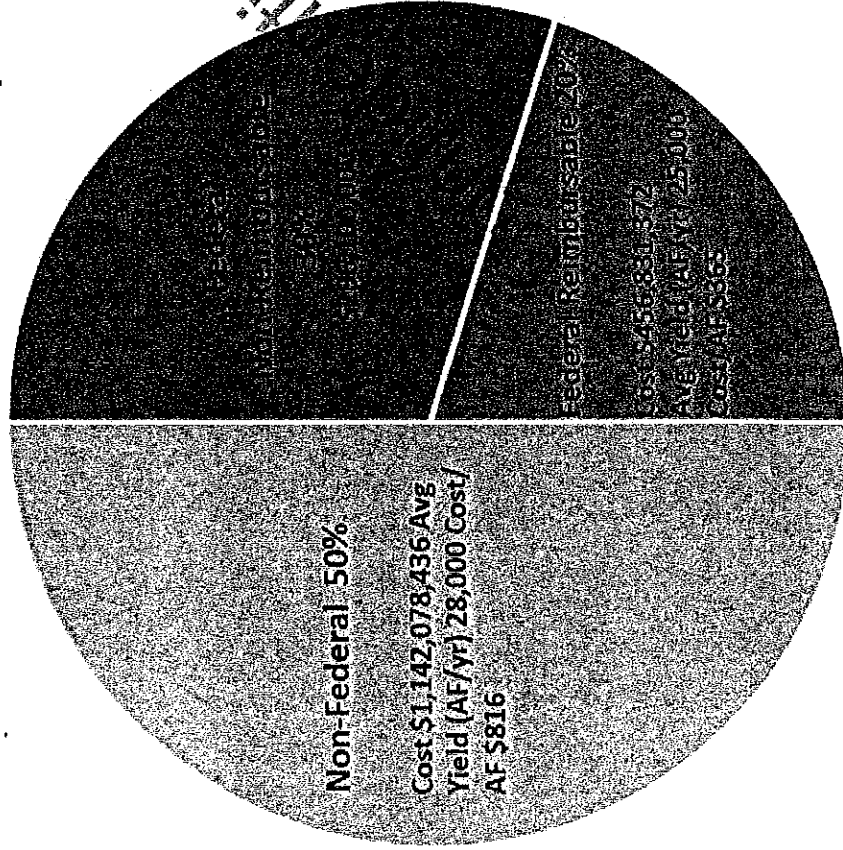




# PMP Budget January 2022

| Project Cost (at Feasibility Level):             |                              |                 |                  |
|--------------------------------------------------|------------------------------|-----------------|------------------|
| Available Funds (Reclamation Only)               | Total Amount                 | Expended Amount | Remaining Amount |
| CFAs with SLDMWA                                 | \$354,062.00                 | \$24,387.63     | \$142,174.37     |
| Reclamation Funding                              | \$300,000.00                 | \$170,552.34    | \$129,447.66     |
| 2021 WIIN Construction Funding                   | \$60,000,000.00              | \$0.00          | \$60,000,000.00  |
| Total Available Funding                          | \$60,654,062.00              | \$382,439.97    | \$60,271,622.03  |
| Draft Budget (Whole Project - Feasibility Level) |                              |                 |                  |
| Budget Category                                  | Estimated Cost (Feasibility) |                 |                  |
| Project Management                               | \$3,000,000.00               |                 |                  |
| Facilitating Services                            | \$2,000,000.00               |                 |                  |
| Design & Specifications                          |                              |                 |                  |
| Feasibility Study                                | \$1,560,714.00               |                 |                  |
| Design Data                                      | \$6,610,580.92               |                 |                  |
| Dam Raise Design                                 | \$20,000,000.00              |                 |                  |
| State Route Final Design                         | \$15,000,000.00              |                 |                  |
| Environmental/Cultural/Permitting/Mitigation     | \$6,731,396.00               |                 |                  |
| Lands                                            | \$100,000.00                 |                 |                  |
| Construction Management                          | \$15,000,000.00              |                 |                  |
| Construction Support                             | \$250,000.00                 |                 |                  |
| Construction                                     |                              |                 |                  |
| Dam Raise                                        | \$463,732,905.00             |                 |                  |
| State Route 152                                  | \$453,000,000.00             |                 |                  |

# \$/AF Analysis



The project amortized cost and allocations are in working draft form and are being provided for discussion purposes only. These cost figures and allocations are subject to change.



C. Creel

## SUMMARY OF MODELING TO-DATE

## Model Overview

- Used two models
  - CalSim II
  - Post-processing of Rescheduled Water Operations
- Performed several model runs
  - No Action Alternative
  - Five scenarios for comparison to NAA
- MBK performed additional analyses
  - Focus was on two scenarios for a 50/50 split
  - Different levels of Reschedule Water allowed

# USBR Modeling Overview

- NAA: No-action Alternative
- Scenario 1: CVP only
  - CVP share of SLR is increased by 130 taf
  - Adjust allocation process to carryover at least 310 taf in San Luis Reservoir in wetter years
- Scenario 2: CVP only
  - CVP share of SLR is increased by 130 taf
- Scenario 3: CVP and SWP split storage capacity
  - CVP: 62 taf
  - SWP: 68 taf

# USBR Modeling Overview

- Scenario 4: Investors get all 130 taf
  - Configuration A: Ag/M&I/Refuges get 10%/90%/0%
  - Configuration B: Ag/M&I/Refuges get 78%/7%/15%
  - Both configurations limited to 180 taf of Reschedule Water
  - Post process to store surplus water
- Scenario 5: Investors get all 130 taf
  - Configuration C: Ag/M&I/Refuges get 10%/90%/0%
  - Configuration D: Ag/M&I/Refuges get 78%/7%/15%
  - Both configurations limited to 310 taf of Reschedule Water
  - Post process to store surplus water

# MBK Modeling Overview

Confidential Draft

- MBK 1:
  - CVP: 65 taf
  - Investors: 65 taf
  - Rescheduled Water: 180 taf
- MBK 2:
  - CVP: 65 taf
  - Investors: 65 taf
  - Rescheduled Water: 245 taf (original 180 plus 65 for the additional storage)



# Summary of Analyses Parameters

| Summary of Analyses |     |            |            |            |                                 |       |                                 |       |             |
|---------------------|-----|------------|------------|------------|---------------------------------|-------|---------------------------------|-------|-------------|
| Additional Storage  | NAA | Scenario 1 | Scenario 2 | Scenario 3 | Scenario 4<br>Config A Config B |       | Scenario 5<br>Config C Config D |       | MBK 1 MBK 2 |
| CVP                 | N/A | 130        |            | 62         | -                               | -     | -                               | -     | 65 65       |
| SWP                 | N/A | -          |            | 68         | -                               | -     | -                               | -     |             |
| Investors           | N/A | -          |            |            | 130                             | 130   | 130                             | 130   | 65 65       |
| Ag                  | N/A | -          |            | -          | 13.0                            | 101.4 | 101.4                           | 13.0  |             |
| M&I                 | N/A | -          |            | -          | 117.0                           | 9.1   | 9.1                             | 117.0 |             |
| Refuges             | N/A | -          |            | -          | -                               | 19.5  | 19.5                            | -     |             |
| Rescheduled Water   | 180 | 180        |            | 180        | 180                             | 180   | 310                             | 310   | 180 245     |

# Summary of Analyses

| Summary of Changes to Deliveries |       |          |       |          |
|----------------------------------|-------|----------|-------|----------|
|                                  | MBK 1 |          | MBK 2 |          |
|                                  | CVP   | Investor | CVP   | Investor |
| Wet                              | 24    | 51       | 24    | 17       |
| Above Normal                     | 32    | 24       | 32    | 11       |
| Below Normal                     | 40    | 37       | 40    | 16       |
| Dry                              | 21    | 13       | 21    | 15       |
| Critical                         | 15    | 9        | 15    | 15       |
| Average                          | 25    | 28       | 25    | 15       |

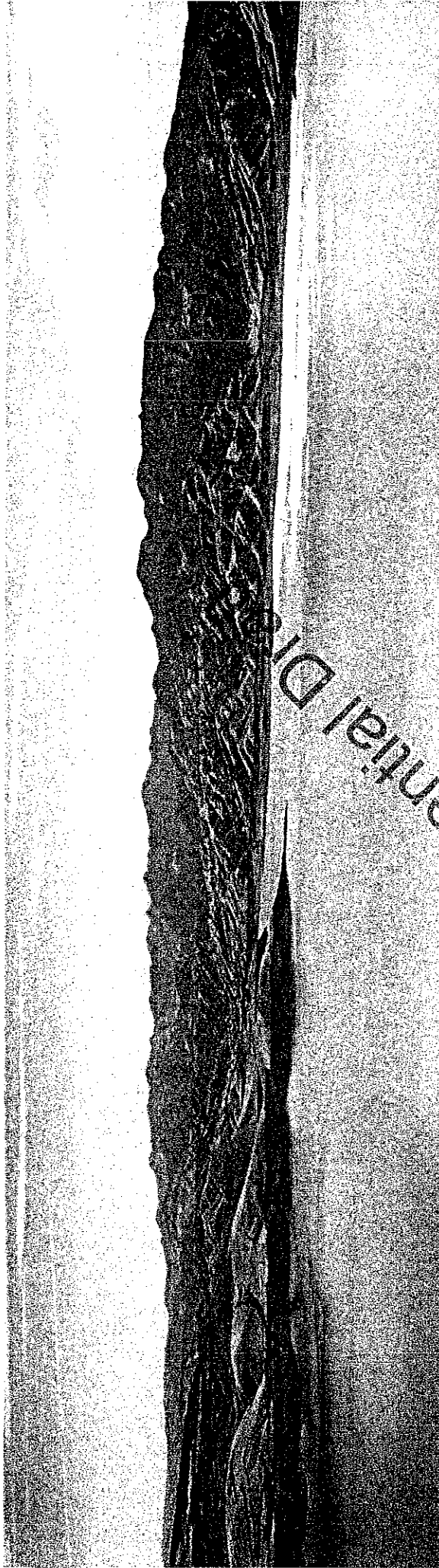
# \$/AF Analysis

**Total Project Cost Allocated By Percentages (as shown)**

| Project                     | Alloc | Project Cost   | Debt Service<br>50 yrs @ 4% | Total Project Cost | Water<br>Supply AF | Avg Annual<br>Yield AF | Life/Yrs | Cost/AF* |           |
|-----------------------------|-------|----------------|-----------------------------|--------------------|--------------------|------------------------|----------|----------|-----------|
|                             |       |                |                             |                    |                    |                        |          | W/O Debt | With Debt |
| Reservoir Expansion - 10 ft |       | \$ 987,000,000 |                             |                    | 130,000            | 53,000                 | 50       |          |           |
| Non-Federal (10 Investors)  | 50%   | \$ 493,500,000 | \$ 648,578,436              | \$ 1,142,078,436   | 65,000             | 28,000                 | 50       | \$ 353   | \$ 816    |
| Federal (CVP)               |       |                |                             |                    |                    |                        |          |          |           |
| Reimbursable                | 20%   | \$ 197,400,000 | \$ 259,431,372              | \$ 456,831,372     | 65,000             | 25,000                 | 50       | \$ 158   | \$ 365    |
| Non-Reimbursable            | 30%   | \$ 296,100,000 |                             |                    |                    |                        |          |          |           |

\* Does not include M&I

The project cost and allocations are in working draft form and are being provided for discussion purposes only.  
These cost figures and allocations are subject to change.

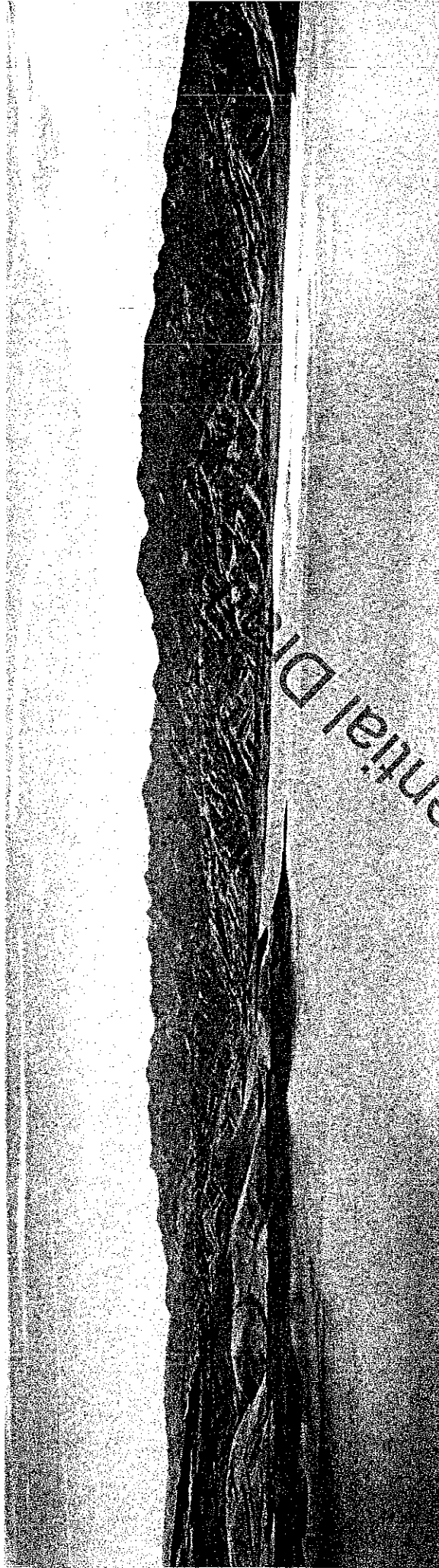


C. Gardner

## ADDITIONAL BENEFITS

**HALLMARK** Capital  
**GROUP** Program  
Management

| Project                                                                         | Agreement                  | Benefit Type |
|---------------------------------------------------------------------------------|----------------------------|--------------|
| 65,000af/ Investor Storage Capacity                                             | Operations Plan            | Storage      |
| Maximum 50% Federal Capacity Share                                              | PoA                        | Storage      |
| Investor Discretion for Delivery Timing                                         | Operations Plan, PoA       | Operations   |
| Investor Storage Proportional to Level of Funding                               | Activity Agreement II      | Storage      |
| Investor Capacity Reassignment                                                  | PoA                        | Storage      |
| Foregone Pumping                                                                |                            | Reliability  |
| Movement of Rescheduled to Investor-Assigned Expansion Capacity, No 215 Penalty | Operations Plan            | Operations   |
| Expansion Water or Other Water not subject to spill or reallocation             |                            |              |
| Use of Unused Storage Capacity                                                  | PoA, Operations Plan       | Operations   |
| Use of USBR Water Right                                                         | PoA                        | Operations   |
| Investor-Assigned Expansion Capacity                                            | USBR Water Supply Contract | Operations   |
| Ability to Purchase Beyond Pro-Rata Share                                       | PoA, Operations Plan       | Operations   |
|                                                                                 | Activity Agreement II      |              |



J. Watson

## COST SHARE ASSUMPTIONS

**Topics:**

- **Estimated Cost Share Amount**
- **Estimated Timing** (various scenarios)

**Underlying Assumptions:**

**1. Roles and Responsibilities:** The following will preserve flexibility to pursue either an MOU or a Cost Share Agreement

- USBR Funds: Reservoir expansion (additional 10 ft to dam and I/O Works) & other, non-SOD, features
- Investor Group Funds: Raise a segment of CA-152, Recreation, and "Other"

NOTE: Currently for both preconstruction and construction, USBR costs > Investor Group's costs. To comply with WIIN Act (i.e., funding is 50-50 in amount and timing for both preconstruction and construction phases)

**2. Cash Call Costs:** Based on USBR's cost estimate and amount of available federal funding

- |                    |               |                                                                                                                                 |
|--------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|
| ▪ Preconstruction: | \$ 25,000,000 | USBR's cost estimate total = \$53.3 M w/o contingency                                                                           |
| ▪ Construction:    | \$ 60,000,000 | Further clarification is needed to confirm if some of these funds can be used to support non-design activities (e.g. Bid/Award) |

**3. Cash Call Schedule:** Based on USBR's CPM schedule with design shifted to start 3 months after the ROD

# B.F. Sisk Reservoir Expansion -- Investor Group Cash Call Estimate Based on WIIN Act (50%)

Working Draft: 2022 Dec 02

## Preconstruction Phase Costs:

| Budget Category                           | Estimated Cost (at Feasibility level) | USBR Amount          | Pct of Total | SLDMWA Amount        | Pct of Total | Comments                                                                                                      |
|-------------------------------------------|---------------------------------------|----------------------|--------------|----------------------|--------------|---------------------------------------------------------------------------------------------------------------|
| Non-Shareable (Investor Group Only) Costs | \$ 1,500,000                          | \$ -                 | 0.0%         | \$ 1,500,000         | 0.1%         |                                                                                                               |
| Add Cost to Secure Construction Financing | \$ 1,500,000                          |                      | 0%           | \$ 1,500,000         | 100%         | Seems low                                                                                                     |
| Other SLDMDWA non-shareable costs         |                                       |                      |              |                      |              |                                                                                                               |
| <b>Total Preconstruction Phase Costs</b>  | <b>\$ 70,000,000</b>                  | <b>\$ 34,690,000</b> | <b>50%</b>   | <b>\$ 35,320,000</b> | <b>50%</b>   | PMP Total = \$53.3M w/o contingency                                                                           |
| Status:                                   | \$ 25,000,000                         | \$ 25,000,000        |              | \$ -                 |              | USBR Funds from Bipartisan Infrastructure Law (Infrastructure Investment and Jobs Act, Title IX of PL 117-58) |

## Construction Phase Costs:

| Budget Category                       | Estimated Cost (at Feasibility level) | USBR Amount           | Pct of Total | SLDMWA Amount         | Pct of Total | Comments                              |
|---------------------------------------|---------------------------------------|-----------------------|--------------|-----------------------|--------------|---------------------------------------|
| Total Construction Phase Costs        | \$ 1,257,000,000                      | \$ 628,500,000        | 50.0%        | \$ 628,500,000        | 50.0%        | Totals are rounded to nearest 100,000 |
| Status:                               | \$ 60,000,000                         | \$ 30,000,000         |              | \$ -                  |              | 2021 WIIN Act Appropriations          |
| <b>Direct (Contract) Construction</b> | <b>\$ 1,231,732,905</b>               | <b>\$ 613,732,905</b> | <b>49.8%</b> | <b>\$ 618,000,000</b> | <b>50.2%</b> |                                       |
| Dam Raise                             | \$ 463,732,905                        | \$ 463,732,905        | 100%         |                       | 0%           |                                       |
| State Route 152                       | \$ 453,000,000                        |                       | 0%           | \$ 453,000,000        | 100%         |                                       |
| Add Recreational Facilities           | \$ 15,000,000                         |                       |              | \$ 15,000,000         | 100%         |                                       |
| Add Construction contingency?         | \$ 300,000,000                        | \$ 150,000,000        | 50%          | \$ 150,000,000        | 50%          |                                       |
| <b>Management &amp; Other Costs</b>   | <b>\$ 25,250,000</b>                  | <b>\$ 14,800,000</b>  | <b>59%</b>   | <b>\$ 10,450,000</b>  | <b>41%</b>   |                                       |

**Total Federal Appropriations "in hand": \$ 85,000,000**



Source: USBR's Draft PMP, dated 2022 Feb 18 as amended

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# B.F. Sisk Reservoir Expansion – Investor Group Cash Call Estimate Based on WIIN Act (50%)

Working Draft: 2022 Dec 02

## Preconstruction Costs:

| Budget Category                                         | Estimated Cost (at Feasibility level) |               | USBR          |              | SLDMWA        |              | Comments                                                                                                     |
|---------------------------------------------------------|---------------------------------------|---------------|---------------|--------------|---------------|--------------|--------------------------------------------------------------------------------------------------------------|
|                                                         | Scenario B                            | Scenario A    | Amount        | Pct of Total | Amount        | Pct of Total |                                                                                                              |
| Total Preconstruction Phase Costs                       | \$ 70,000,000                         | \$ 25,000,000 | \$ 34,690,000 | 50%          | \$ 35,320,000 | 50%          | Totals are rounded to nearest 10,000                                                                         |
| Status:                                                 |                                       |               | \$ 25,000,000 |              | \$ -          |              | USBR Funds from Bipartisan Infrastructure Law (Infrastructure Investment and Jobs Act Title IX of PL 117-58) |
| Management+ Costs                                       | \$ 8,500,000                          |               | \$ 4,000,000  | 47%          | \$ 4,500,000  | 53%          |                                                                                                              |
| Add Sunk Management Costs (USBR & SLDMWA)               | \$ 0                                  |               | \$ 0          | 50%          | \$ 0          | 50%          |                                                                                                              |
| "To Go" Project Management (By USBR)                    | \$ 3,000,000                          |               | \$ 3,000,000  | 100%         | \$ -          | 0%           | Seems low, esp. given integration with SOD project                                                           |
| Add Investor Group's Project Management Costs           | \$ 1,500,000                          |               | \$ -          | 0%           | \$ 1,500,000  | 100%         | Assumes this is a "sharable" cost                                                                            |
| Add "To Go" Public Engagement                           | \$ 2,000,000                          |               | \$ 1,000,000  | 50%          | \$ 1,000,000  | 50%          |                                                                                                              |
| "To Go" Facilitating Services                           | \$ 2,000,000                          |               | \$ -          | 0%           | \$ 2,000,000  | 100%         | What is this?                                                                                                |
| Environmental and Permitting                            | \$ 7,731,396                          |               | \$ 0          | 0%           | \$ 7,731,396  | 100%         |                                                                                                              |
| Add Sunk Environ. Costs (USBR & SLDMWA)                 | \$ 1,000,000                          |               | \$ -          | 0%           | \$ 1,000,000  | 100%         |                                                                                                              |
| Add "To Go" Other EPP Costs                             | \$ 0                                  |               | \$ 0          | 50%          | \$ 0          | 50%          |                                                                                                              |
| "To Go" Environmental/ Cultural/ Permitting/ Mitigation | \$ 6,731,396                          |               | \$ -          | 0%           | \$ 6,731,396  | 100%         | What is the basis for this \$?                                                                               |
| Design & Specifications                                 | \$ 47,671,295                         |               | \$ 23,686,900 | 58%          | \$ 19,984,376 | 42%          |                                                                                                              |
| Add Sunk Design Costs (USBR & SLDMWA)                   | \$ 0                                  |               | \$ 0          | 50%          | \$ 0          | 50%          |                                                                                                              |
| "To Go" Feasibility Study                               | \$ 1,560,714                          |               | \$ 1,560,714  | 100%         | \$ -          | 0%           |                                                                                                              |
| "To Go" Design Data                                     | \$ 6,610,581                          |               | \$ 5,751,205  | 87.0%        | \$ 859,376    | 13%          | Assumed to be geotechnical data collection for Raise & CA-152                                                |
| "To Go" Dam Raise Design                                | \$ 20,000,000                         |               | \$ 20,000,000 | 100%         | \$ -          | 0%           |                                                                                                              |
| "To Go" State Route Final Design                        | \$ 15,000,000                         |               | \$ -          | 0%           | \$ 15,000,000 | 100%         | What is the basis for this \$?                                                                               |
| "To Go" Recreation Facility Design                      | \$ 3,000,000                          |               | \$ -          | 0%           | \$ 3,000,000  | 100%         |                                                                                                              |
| Add "To Go" Owner's Engineering Costs                   | \$ 1,500,000                          |               | \$ 375,000    | 25%          | \$ 1,125,000  | 75%          | USBR reviews CA-152 raise & vice versa                                                                       |
| Other Costs                                             |                                       |               |               |              |               |              |                                                                                                              |
| Lands & Rights-of-Way                                   | \$ 100,000                            |               | \$ -          | 0%           | \$ 100,000    | 100%         | Assume this is required to raise CA-152. Seems low                                                           |
| Add "To Go" Other Related Costs                         | \$ 0                                  |               | \$ 0          | 50%          | \$ 0          | 50%          |                                                                                                              |
| Add Preconstruction Contingency?                        | \$ 6,000,000                          |               | \$ 3,000,000  | 50%          | \$ 3,000,000  | 50%          |                                                                                                              |

## **B.F. Sisk Reservoir Expansion – Investor Group Cash Call Strawman**

Working Draft: 2022 Dec 02

### **Preconstruction Costs:**

#### **Takeaways - Estimated Cost Share Amount**

1. Improved cost certainty is needed – preconstruction scope and costs need to be updated and better defined
  - Contingency is needed to manage key risks (e.g., delays) and to account for what we don't know
2. Roles and responsibilities for Investor Group vs USBR need to be more clearly defined
3. For WIIN Act compliance, you may need to provide funds to USBR – an MOU to cost share may not be sufficient

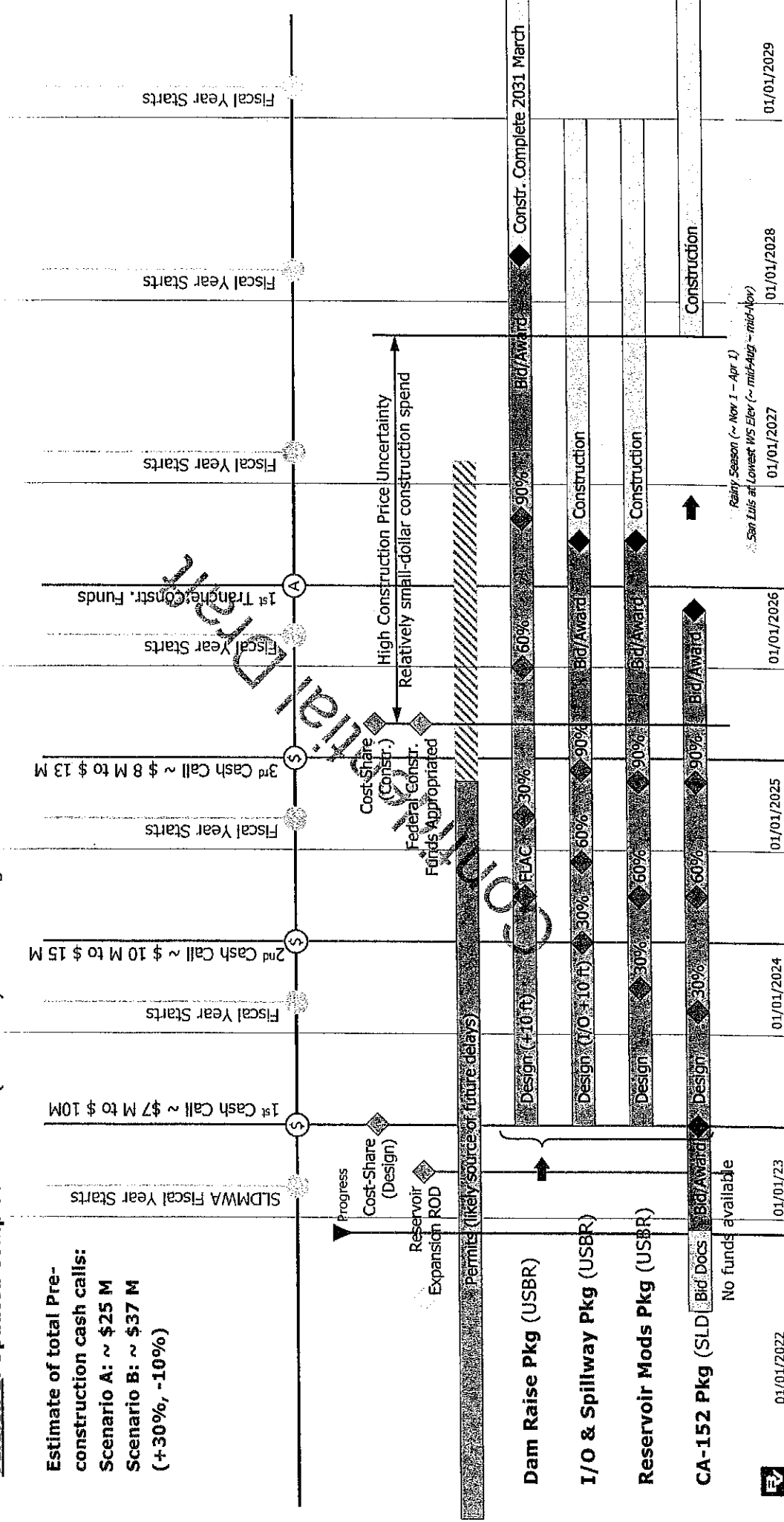
Confidential Draft

# B.F. Sisk Reservoir Expansion -- Investor Group Cash Call Timing (Unrealistic Early Start)

Working Draft: 2022 Dec 02

**Version 1: Updated Completion Date (Version 0) due to design start shifted to coincide with ROD**

Estimate of total Pre-construction cash calls:  
 Scenario A: ~ \$25 M  
 Scenario B: ~ \$37 M  
 (+30%, -10%)



01/01/2022

01/01/23

01/01/2024

01/01/2025

01/01/2026

01/01/2027

01/01/2028

01/01/2029

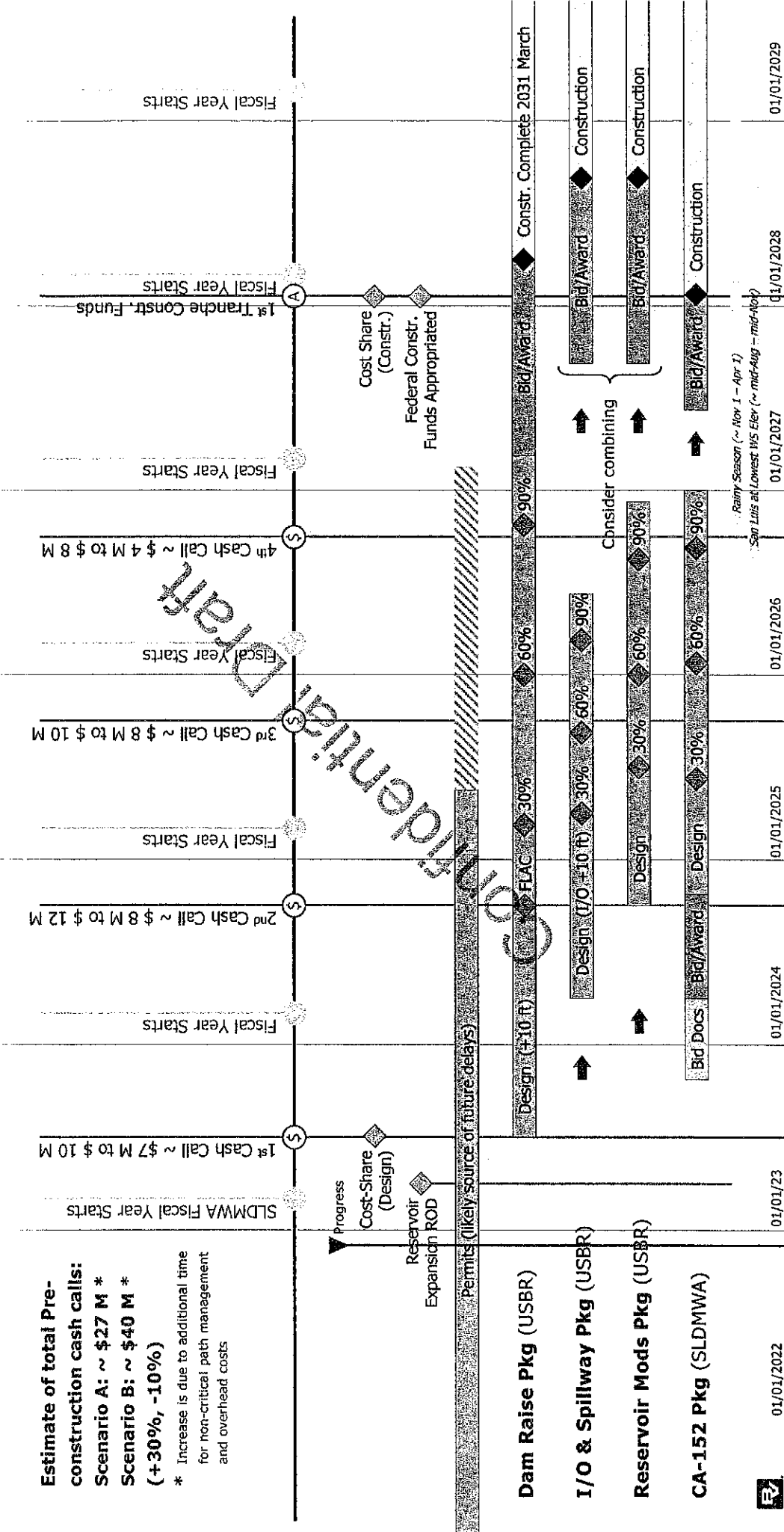
# B.F. Sisk Reservoir Expansion – Investor Group Cash Call Timing (More Prudent Position)

Working Draft: 2022 Dec 02

**Version 4: Maintains Version 1 Completion Date and Complies with WIIN Act, but delays start of non-critical-path, small-dollar, constr. contracts**

Estimate of total Pre-construction cash calls:  
 Scenario A: ~ \$27 M \*  
 Scenario B: ~ \$40 M \*  
 (+30%, -10%)

\* Increase is due to additional time for non-critical path management and overhead costs



01/01/2022

01/01/23

01/01/2024

01/01/2025

01/01/2026

01/01/2027

01/01/2028

01/01/2029

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# B.F. Sisk Reservoir Expansion – Investor Group Cash Call Timing (More Advantageous Position)

Working Draft: 2022 Dec 02

**Version 5:** Maintains Version 1 Completion Date and Complies with WIIN Act, but further delays start of CA-152 contract

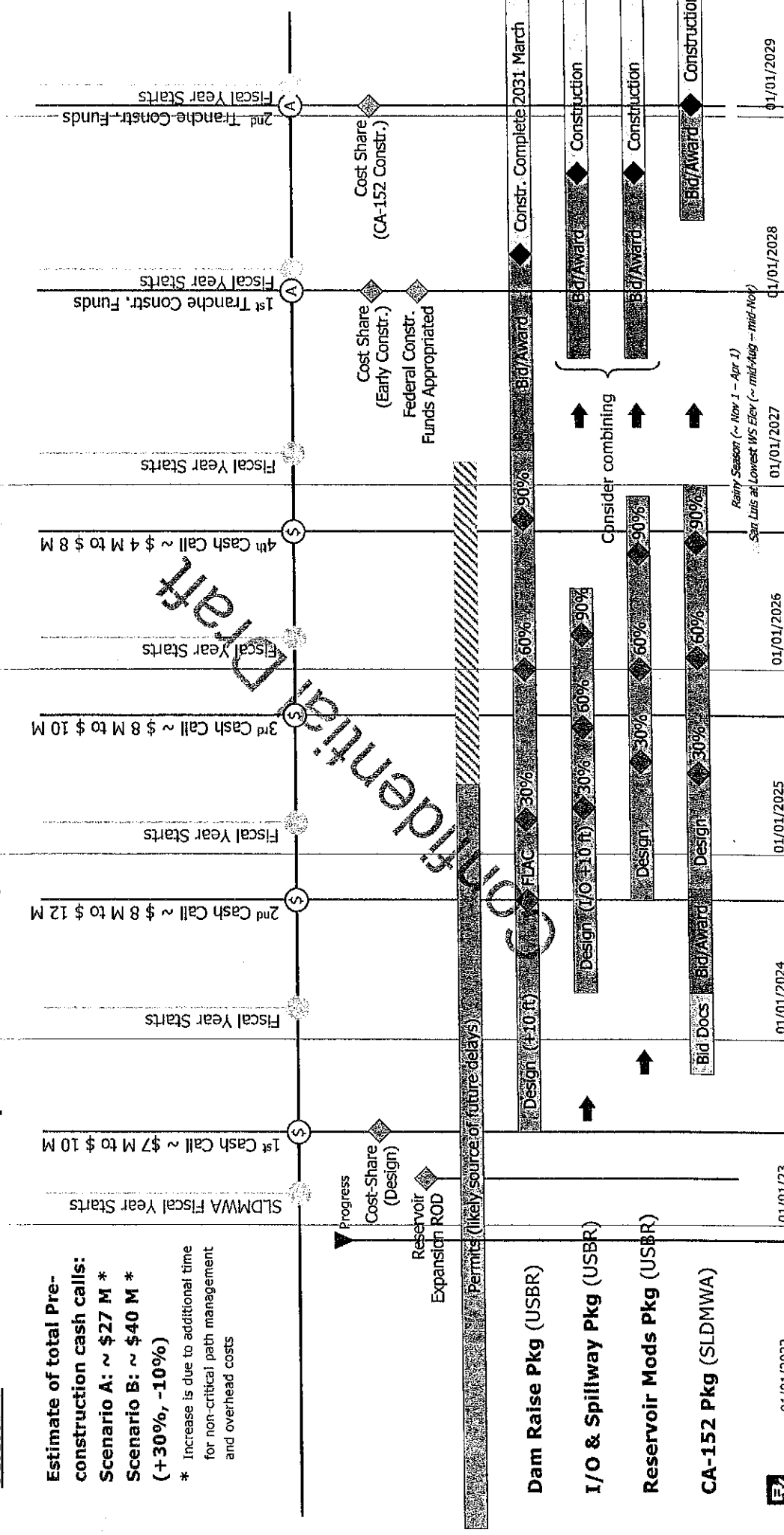
Estimate of total Pre-construction cash calls:

Scenario A: ~ \$27 M \*

Scenario B: ~ \$40 M \*

(+30%, -10%)

\* Increase is due to additional time for non-critical path management and overhead costs



01/01/2022

01/01/23

01/01/24

01/01/25

01/01/26

01/01/27

01/01/28

01/01/29

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**Preconstruction Costs:**

**Takeaways - Estimated Timing (various scenarios)**

1. USBR's preconstruction phase should include additional time and associated costs to:
  - Obtain permits
  - Address in-reservoir "storage risk" – specifically for I/O Works & CA-152 embankment constr. in the dry (or as close as practicable)
2. USBR's proposed schedule does not address your needs and requirements
  - These need to be defined and prioritized (i.e., "must have" vs "willing to accept")
3. USBR needs to confirm an alternative construction schedule is viable – one that delays non-critical path contract packages
4. WIIN Act may dictate when to construct the segment of CA-152, not when it's "best"
  - A Late Start delays when your financing needs to be secured. And, depending on market conditions, this could result in lower repayment costs
  - Clarification is needed to determine if there is a potentially unintended consequence in the WIIN Act. And, if so, how its effects can be mitigated



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C. Gardner

## NEXT STEPS

**HALLMARK** Capital  
**GROUP** Program  
Management

# Stage Gate Overview

## STAGE GATE I

### PRE-CONSTRUCTION

- PoA Agreement (MoU)
- RoD Execution
- Validate Cost Estimate
- Updated Schedule
- Validate \$/AF Analysis
- Pre-Construction Cost Share Agreement and/or MoU

July 1, 2023  
\$10,000,000

## STAGE GATE II

### DESIGN

- Determine Implementation Plan (IPA?)
- Final Cost Estimate
- Final Schedule
- Updated \$/AF Analysis
- Operations Agreement
- Implementation Cost Share Agreement (Const/OM/R)
- Initiate Repayment Discussion w/ Reclamation

October 1, 2024  
\$10,000,000

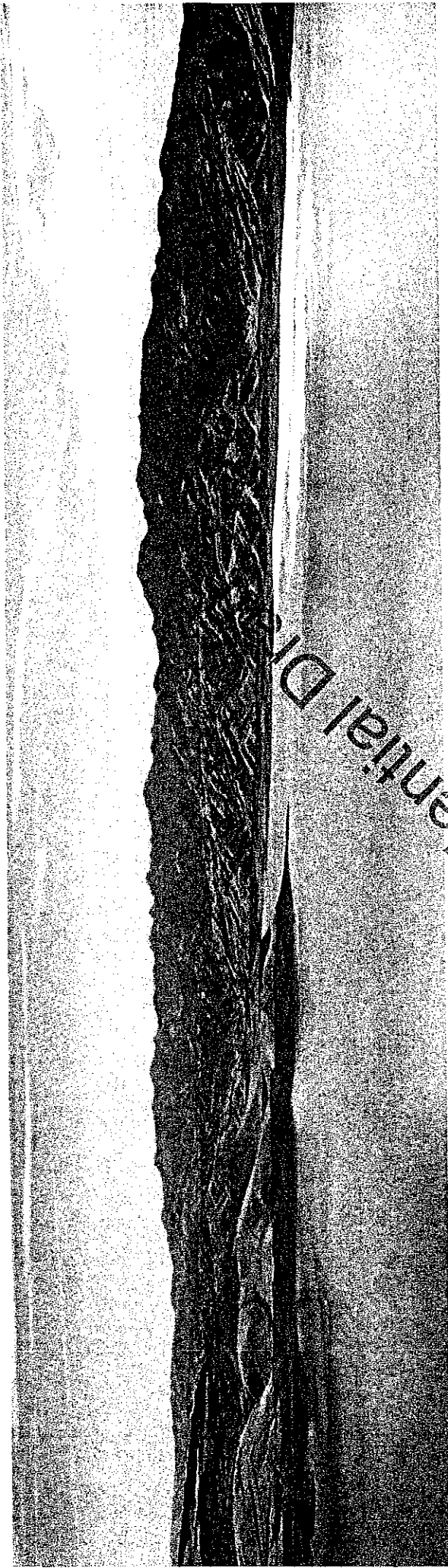
## STAGE GATE III

### CONSTRUCTION

- Finance Plan (Bonding)
- 100% Design
- Bid Results
- Construction Oversight Agreement

October 1, 2025  
STBD





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# QUESTIONS

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