

SECOND AMENDMENT TO 2019 RESERVOIR PROJECT AGREEMENT

BY AND AMONG
SITES PROJECT AUTHORITY

and

THE PROJECT AGREEMENT MEMBERS LISTED HEREIN

Dated as of July 1, 2020

THIS SECOND AMENDMENT TO 2019 RESERVOIR PROJECT AGREEMENT (this “Second Amendment”), dated as of July 1, 2020, by and among SITES PROJECT AUTHORITY, a joint powers authority duly organized and existing under the laws of the State of California (the “Authority”), and the project agreement members listed in the Agreement referenced below (the “Project Agreement Members”) and amends that certain 2019 Reservoir Project Agreement dated as of April 1, 2019 (the “Original Agreement”), as previously amended by the First Amendment to 2019 Reservoir Project Agreement dated as of January 1, 2020 (the “First Amendment” and, together with the Original Agreement, the “Agreement”), each by and among the Authority and the Project Agreement Members;

WITNESSETH:

WHEREAS, Authority and the Project Agreement Members have determined to approve an Amendment 2 Work Plan and to extend the term of the Agreement to December 31, 2021; and

WHEREAS, under Section 11 of the Agreement, the Agreement may be amended by a writing executed by the Authority and at least 75% of the total weighted vote of the then current Committee members as provided in Subsection 3(g); and

WHEREAS, all acts, conditions and things required by law to exist, to have happened and to have been performed precedent to and in connection with the execution and the entering into of this Second Amendment do exist, have happened and have been performed in regular and due time, form and manner as required by law, and the parties hereto are now duly authorized to execute and enter into this Second Amendment;

NOW, THEREFORE, THIS SECOND AMENDMENT WITNESSETH, the Authority and the Project Agreement Members agree, as follows:

ARTICLE I

DEFINITIONS

Section 1.01. **Definitions.** All capitalized terms not otherwise defined herein shall have the meaning set forth in the Agreement.

ARTICLE II

AMENDMENTS TO AGREEMENT

Section 2.01. **Project Agreement Members.**

(a) Effective September 1, 2020, the Project Agreement Members attached as Exhibit A to the Agreement shall be succeeded in their entirety by the Project Agreement Members attached hereto as Exhibit A.

Section 2.02. **Work Plan.**

(a) Effective September 1, 2020, the 2019 Work Plan attached as Exhibit B to the Agreement shall be supplemented by the Work Plan attached hereto as Exhibit B (the “Amendment 2 Work Plan”).

Section 2.03. **Funding.**

The Agreement is hereby amended to remove Section 4(a) in its entirety and replace it with the following:

“(a) **Budget.** The Committee shall, in cooperation with the Authority’s Board, provide and approve both a Fiscal Year operating budget and reestablish a Phase 2 budget target, annually or more frequently as needed. The Project Agreement Members shall contribute their respective pro-rata share of the budgeted sums reflected in the 2019 Work Plan (prior to November 1, 2020) and the Amendment 2 Work Plan (on and after November 1, 2020) in accordance with Section 5 of this Project Agreement; provided, however, that in no event shall the amount paid by a Project Agreement Member exceed \$160 per acre-foot (with \$60 of such amount being attributable to the 2019 Work Plan and \$100 of such amount being attributable to the Amendment 2 Work Plan) without the approval of such Project Agreement Member. The contribution with respect to the pro-rata budgeted sums reflected in the Amendment 2 Work Plan shall be payable by each Project Agreement Member in two installments. The first installment shall be in an amount equal to \$60 per acre-foot and shall be payable by no later than November 1, 2020. The second installment shall be in an amount up to \$40 per acre-foot and shall be payable by no later than April 1, 2021. The exact amount per acre-foot of the second installment shall be established by the Committee, in cooperation with the Authority’s Board, and notice of such amount shall be provided by the Authority to each Project Agreement Member.”

Section 2.04. **Future Development of the Sites Reservoir Project.**

The Agreement is hereby amended to remove Section 6(b) in its entirety and replace it with the following:

“(b) Without limiting the foregoing, any Project Agreement Member that elects to continue participating in the development, financing, and construction of the Sites Reservoir Project to the time when the Authority offers contracts for a water supply or other services, will be afforded a first right, equal to that Project Agreement Member’s Participation Percentage, to contract for a share of any water supply that is developed, and for storage capacity that may be available from, the Sites Reservoir Project. In any successor phase agreements, Project Agreement Members who are parties to this Project Agreement that submitted a proposal to participate before February 28, 2019, shall be granted rights to contract for a share, in an amount equal to that Project Agreement Member’s Participation Percentage as of the effective date of such successor phase agreement, of any water supply that is developed, and for storage capacity that may be available from the Sites Reservoir Project prior to the rights of those becoming parties to this Project Agreement after that date.

If a participating Project Agreement Member as of February 28, 2019 identifies a lesser amount in the Second Amendment than its Original Agreement requested amount, that participating Project Agreement Member’s first rights of refusal in the future are to be based on the Second Amendment amounts and not the February 28, 2019 amounts.

Provided, however, that if a Project Agreement Member withdraws from the Project Agreement pursuant to Section 9 of this Agreement but later requests to be reinstated, then to the extent there is unsubscribed participation in the Project as determined by the Committee, the

Committee may vote to readmit said withdrawn Member with a reinstated first right of refusal provided said withdrawing Member provides funding to the Project commensurate with the funding requirements met by all current Project Agreement Members in the current phase of the Project as well as any prior phase, as adjusted for any credits, payments and/or reimbursements made under the Authority's credit reimbursement policy (the "Credit Reimbursement Policy").

Further provided, that if a Project Agreement Member desires to increase its participation after execution of the Second Amendment, then to the extent there is unsubscribed participation in the Project as determined by the Committee, the Committee may vote to approve said increase, or portion thereof, with a first right of refusal attendant thereto, provided said increasing Project Agreement Member provides funding to the Project commensurate with the funding requirements met by all current Project Agreement Members in the current phase of the Project as well as any prior phase, as adjusted for any credits, payments and/or reimbursements made under the Credit Reimbursement Policy.

The Authority and the Project Agreement Members will cooperate on the drafting of provisions in the water supply contract that will allow a Project Agreement Member or other eligible entity that commits to purchase a Sites Reservoir Project water supply to transfer water that the entity may not need from time to time on terms and conditions acceptable to the Project Agreement Member."

Section 2.05. **Term.** The Agreement is hereby amended to remove Section 8(b) in its entirety and replace it with the following:

"(b) The term of this Project Agreement shall continue until December 31, 2021. In the event that this Second Amendment is not approved by Project Agreement Members with the requisite percentage of the total weighted vote as set forth in the Agreement by June 30, 2020, the Agreement shall be revived immediately upon approval by such requisite percentage, without any additional approval of the Project Agreement Members, and this Second Amendment shall become effective."

Section 2.06. **Executive Director.** All references to the "General Manager" in the Agreement shall be changed to "Executive Director."

ARTICLE III

PROJECT AGREEMENT MEMBER PARTICIPATION

Section 3.01. **Project Agreement Participation.** Each Project Agreement Member shall specify its participation in the Sites Reservoir Project by indicating its elected water participation amount in the Sites Reservoir Project and the associated cost in the space provided therefor on the signature page to this Second Amendment. Based upon the respective participation elections of the Project Agreement Members, the Authority shall update Exhibit A pursuant to Section 5 of the Agreement.

ARTICLE IV

MISCELLANEOUS

Section 4.01. **Effectiveness of Agreement.** Except as expressly amended by this Second Amendment, the Agreement is hereby ratified and confirmed and shall continue in full force and effect in accordance with the terms and provisions thereof. The amendments set forth in this Second Amendment shall be incorporated as part of the Agreement upon their effectiveness in accordance with Section 11 of the Agreement.

Section 4.02. **Execution in Several Counterparts.** This Second Amendment may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original; and all such counterparts, or as many of them as the Authority and the Project Agreement Members shall preserve undestroyed, shall together constitute but one and the same instrument.

Section 4.03. **Authorization, Ratification and Confirmation of Certain Actions.** The Authority and the Project Agreement Members each hereby authorize, ratify and confirm the extension of the term of the Agreement, as previously extended pursuant to the First Amendment, to June 30, 2020, and the expenditure of funds collected under the Agreement with respect to the 2019 Work Plan on and prior to June 30, 2020.

Section 4.04. **Laws Governing Second Amendment.** The effect and meaning of this Second Amendment and the rights of all parties hereunder shall be governed by, and construed according to, the laws of the State.

IN WITNESS WHEREOF, the Authority and Project Agreement Members hereto, pursuant to resolutions duly and regularly adopted by their respective governing bodies, have caused their names to be affixed by their proper and respective officers on the date shown below:

Dated: _____

SITES PROJECT AUTHORITY

By: _____

Name:

Title:

Dated: _____

COUNTY OF COLUSA

Authority & Project Agreement Member

By: _____

Name: Denise J. Carter

Title: Chair, County Board of Supervisors

ATTEST: Wendy G. Tyler, Clerk to the Board
of Supervisors

By: _____

Melissa Kitts, Deputy

PARTICIPATION AMOUNT

County of Colusa hereby elects to participate in the Sites Reservoir Project in the amount and at the cost identified below.

**Participation
(Second Amendment
Annualized Acre-Foot):**

**Second Amendment Cost:
Not to Exceed \$100 per
Acre-Foot**

EXHIBIT A
PROJECT AGREEMENT MEMBERS

Participant	Participation (Second Amendment Annualized Acre-Foot)	
	Preliminary	Percent
American Canyon, City of		
Antelope Valley-East Kern Water Agency		
Carter Mutual Water Company #		
Coachella Valley Water District		
Colusa County		
Colusa County Water District		
Cortina Water District		
Davis Water District		
Desert Water Agency		
Dunnigan Water District		
Glenn-Colusa Irrigation District		
LaGrande Water District		
Metropolitan Water District of S. CA		
Pacific Resources Mutual Water Company #		
Reclamation District 108		
San Bernardino Valley Municipal Water District		
San Geronio Pass Water Agency		
Santa Clara Valley Water District		
Santa Clarita Valley Water Agency		
Westside Water District		
Wheeler Ridge-Maricopa Water Storage District		
Zone 7 Water Agency		
Potential new participants		
Total:		

Participation Percentages exclude State of California and United States Bureau of Reclamation share of the Project.

Denotes a non-public agency. Refer to California Corporations Code Section 14300 et. seq. with additional requirements provided in both the Public Utilities Code and Water Code.

EXHIBIT B
AMENDMENT 2 WORK PLAN

Sites Project Authority Work Plan from September 2020 through December 2021



To: Jerry Brown
CC: Joe Trapasso
From: JP Robinette
Quality Review by: Christina Romano
Authority Agent Review by: Jim Watson
Subject: Work Plan from September 1, 2020, to December 31, 2021

Attachments

Attachment A – Amendment 2 Budget by Deliverable

Attachment B – Amendment 2 Preliminary Budget by Firm (Resource)

Attachment C – Critical Path Schedule Report

1.0 Introduction

The Sites Project currently follows a work plan (Amendment 1B) that identifies project activities and funding sources through August 31, 2020. It is anticipated that the Reservoir Committee's current participation agreement will be amended to extend the period of performance to December 31, 2021; therefore, a new work plan will be needed to continue advancing the project as a part of phase 2, planning.

This document outlines the work to be performed between September 1, 2020, and December 31, 2021, to meet project goals that were developed with input from the Authority Board and Reservoir Committee in early 2020. The plan provides the deliverables, schedule, and operational budget needed to help the Sites team improve operational and permit certainty while advancing the preferred project identified in a value planning study through the Authority's project feasibility process. It also includes Authority Board and Reservoir Committee revenues and expenses. While this work plan does complete the majority of phase 2 activities, there are activities needed beyond this work plan to fully complete the planning phase of the Sites Project. This work plan will be superseded by a new participation agreement and work plan, including a project plan of finance, in January of 2022.

After the Authority Board and Reservoir Committee approve this plan, a summary will be included as an exhibit to the amended participation agreement (Amendment 2). The work plan will then be used as a basis for developing consultant task order scopes, schedules, and commitments. The development and negotiation of task orders is beyond the scope of this work plan document.

2.0 Work Plan Goals and Schedule Targets

Project goals and a project schedule, based on targets determined by the Reservoir Committee and Authority Board, have been established to form the basis of the work plan by providing high level outcomes and required

Status: Draft
 Filename: Work Plan September 1, 2020 through December 31, 2021
 Notes:

Phase: 2 Revision: B
 Date: June 4, 2020
 Page: 1 of 11

timing. The goals and schedule are used to determine deliverables, required revenue and expenses, and a cash flow for the duration of the work plan.

2.1 Work Plan Goals

The project goals are based on near-term priorities as directed by the Reservoir Committee and the Authority Board and form the basis of the work plan. The project goals of this work plan are to:

1. Improve certainty related to the reservoir's operations (fills; releases; levels of local, state, and federal investment; etc.) and degree of operational integration with the State Water Project and Central Valley Project (cooperative operations agreement) to produce benefits for both water supply and reliability purposes and water dedicated to environmental purposes.
2. Improve certainty related to the project's permitability through earlier and more focused consultations with permitting agencies that will allow the team to efficiently and effectively prepare applications for key federal and state permits and the state's water rights.
3. Largely complete the environmental analysis and documentation as required under CEQA and NEPA.
4. Improve certainty surrounding the project's affordability by advancing engineering and implementing risk management to improve the accuracy of the cost estimates, and by pursuing low-interest financing and potential grants.
5. Continue to cultivate and strengthen partnerships with local landowners, communities, and key stakeholders that represent environmental, business, labor, and other interests.
6. Meet the January 1, 2022, Prop 1 (WSIP) milestone to remain eligible to receive the \$775M in construction funding.
7. Identify continued participation Go/No-Go decision points with staggered cash calls.
8. Develop a plan of finance and a successor participation agreement, including a work plan, to advance the Sites Project beyond December 31, 2021.

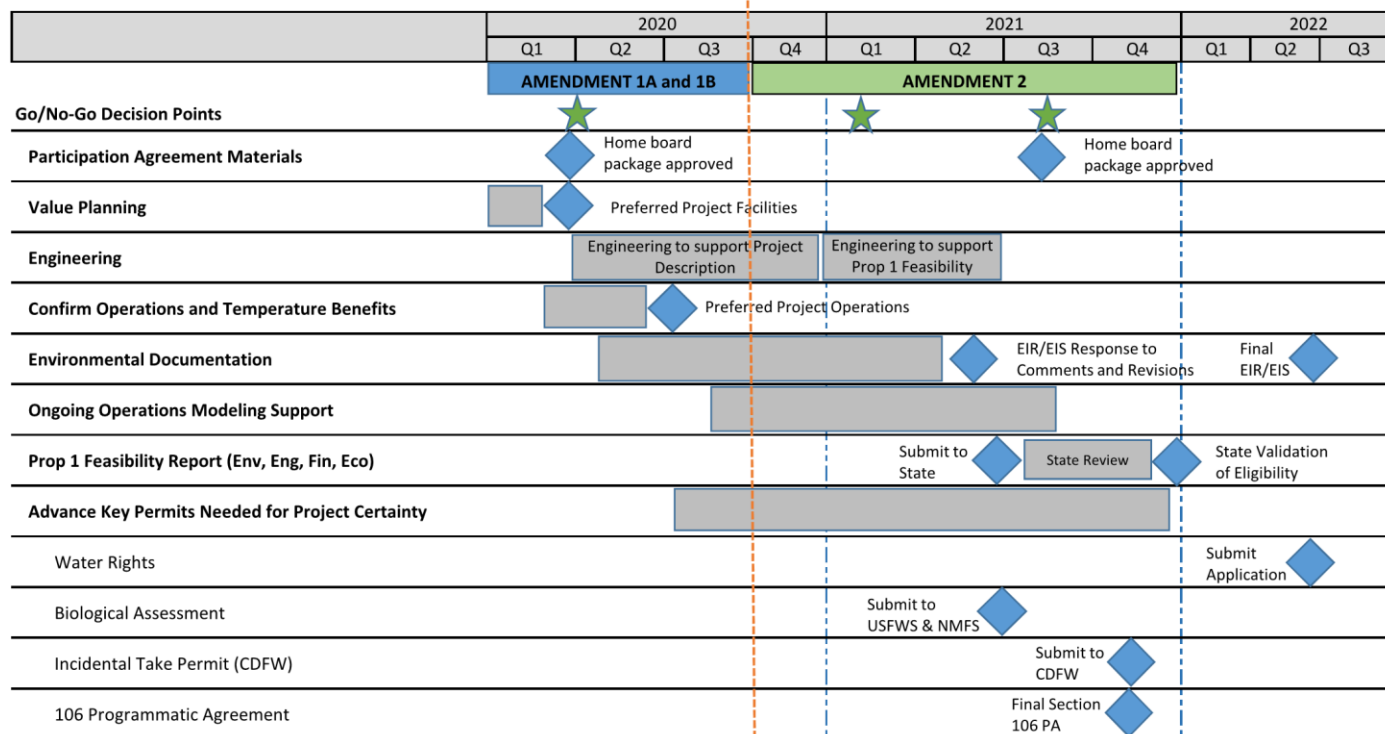
2.2 Project Schedule Targets

Schedule targets were developed by Authority staff and reviewed with the Reservoir Committee and Authority Board. The project master schedule through December 31, 2021, is based on the work plan goals and the necessary steps to achieve them. Attachment C shows a critical path view of the master schedule based on the targets identified on Figure 1. The schedule is cost-loaded and provides the basis for revenue and expense budgets discussed in later sections.

Sites Reservoir Program
Updated 2020-2021 Schedule Drivers



September 1, 2020



NOTE: This graphic includes schedule drivers only and does not include all activities/deliverables.
 This work plan is based on current participation commitments.

Figure 1. Work Plan schedule targets

Participant funding Go / No Go decisions will be required on:

- January 2021: Decision to release second Reservoir Committee cash call invoice for payment to continue advancing the project
- August 2021: Release board package for successor agreement. Include finance plan and RFP for lending services.

3.0 Deliverables

To meet the goals and schedule targets and provide measurable progress, a list of key deliverables has been developed, shown in Table 1. This list is not exhaustive but provides a level that will be used to report progress through December 31, 2021. The progress as of August 1, 2021, is notable as this coincides with funding decisions that will be needed to advance the project beyond 2021.

Table 1 – Work Plan Key deliverables

Deliverable	Start	Finish	Anticipated Status 12/31/21	Progress Metric as 8/1/21
Draft EIR/EIS Project Description Chapter	1-Sep-20	28-Dec-20	Complete	Complete
Revised Public Draft EIR/EIS	1-Sep-20	14-Jul-21	Complete	Complete
Summary Report for CWC	28-Sep-21	3-Dec-21	CWC Determination of Environmental Feasibility	Awaiting public comments

Table 1 – Work Plan Key deliverables

Deliverable	Start	Finish	Anticipated Status 12/31/21	Progress Metric as 8/1/21
Full Operations Analysis	1-Sep-20	31-Dec-20	Complete and used to support environmental, permitting, integrated operations, and financial decisions	Complete and used to support environmental, permitting, integrated operations, and financial decisions
Term Sheets for Key Operational Agreements	1-Jan-20	31-Dec-21	Complete	Submitted for Ad-Hoc Committee Review
Operations Plan, Version 1	1-Jan-20	31-Dec-21	Complete	Submitted for Ad-Hoc Committee Review
Final Feasibility Report (without Environmental)	20-May-21	20-Aug-21	CWC Determination of Feasibility	Submitted for Ad-Hoc Committee Review
Water Right Application Advanced	1-Sep-20	31-Dec-21	Internal draft application completion within 14 days	Water Availability Analysis Complete
Biological Assessment	1-Oct-20	28-Jun-21	Complete	Reclamation submits BA to USFWS/NMFS
Section 106 Programmatic Agreement	1-Sep-20	31-Dec-21	Complete	Programmatic Agreement in final review
ITP – Section 2081 Permit	1-Sep-20	7-Dec-21	Complete	Draft ITP Application completion within 30 days
Clean Water Act 404/401 Applications	1-Sep-20	7-Dec-21	Complete	Delineation and Mitigation Plan Complete
Summary Report for Early Mitigation / Geotech Mitigation	1-Sep-20	31-Dec-21	Geotech mitigation costs (as needed) or initial payment on contract for early biological mitigation actions	Geotech mitigation costs better defined
Preliminary Hydraulics Model	20-May-21	16-Jul-21	Complete and used to integrate design	Complete and used to integrate design
WIFIA Application	5-Jan-21	29-Jun-21	Letter of Interest Submitted to EPA	Letter of Interest Submitted to EPA
Plan of Finance	1-Mar-21	2-Aug-21	Complete	Submitted for Ad-Hoc Committee Review

Table 1. Work Plan key deliverables

4.0 Revenue Budget

It is anticipated that \$31.75M in revenue will be generated during the work plan period, as shown in Table 2. This revenue will be generated from the following four sources:

- **Reservoir Committee cash calls:** These are individual agency cash call invoices based on member agencies' level of participation in terms of dollars per acre foot of participation. The Reservoir Committee has directed staff to develop a work plan based on \$100 per acre-foot at Phase 2 (2019) participation levels (rounded to 192,000 acre-feet).
- **Authority Board annual seat dues:** Each Authority Board member pays membership dues annually. The work period includes the dues for 2021 membership at the same level as 2020.
- **State funding:** California provides revenue in the form of reimbursements through Prop 1 (Water Storage Investment Program) early funding. This funding is subject to the terms of the existing Early Funding Agreement and is capped at \$40.8M. Generally, the state reimburses 50 percent of eligible activities. For this work plan, it is assumed that approximately 30 percent of the non-state spend is reimbursable, which is consistent with prior eligibility ranges.
- **Federal funding:** Federal participation is assumed to continue through the Water Infrastructure Improvements for the Nation (WIIN) Act. The work plan includes a portion of the federal \$6M WIIN Act

appropriation that occurred in December 2019. This funding will be in the form of reimbursements accessed through an upcoming Financial Assistance Agreement with the Bureau of Reclamation.

Table 2. Estimated Work Plan Revenue	
Work Plan Funding Source	Revenue
Projected total cash on hand as of 8.1.2020 (carryover funds)	\$750,000
Reservoir Committee Cash Calls (\$100/acre-foot)	\$19,200,000
Authority Board Seats*	500,000
Federal (WIIN Act) Funding	\$4,000,000
State (Prop 1)	\$7,300,000
Total Revenue Sept. 1, 2020 through Dec. 31, 2021	\$31,750,000

* Assumes change in Reservoir Committee or Authority Board participation from 2019 levels.

5.0 Expense Budget

Estimated task-level costs were developed by Authority staff and loaded into the project master schedule. Preliminary costs by subject area are shown in Table 3 and on Figure 2. Detailed tables can be found in Attachment A by deliverable and Attachment B by resource. The attached tables include information on Authority Board and Reservoir Committee share of expenses.

Table 3. Budgets by Subject Area	
Subject Area	Work Plan Budget
Permitting	\$7,569,000
Early Mitigation	\$2,500,000
Environmental Planning	\$4,331,800
Operations Modeling	\$2,146,200
Engineering	\$4,940,500
Geotechnical	\$2,543,800
Real Estate	\$383,000
Communications	\$975,800
Project Controls	\$2,156,800
Funding	\$705,600
Support	\$800,400
Growth	\$1,022,400
Management	\$1,622,600
Grand Total	\$31,697,900

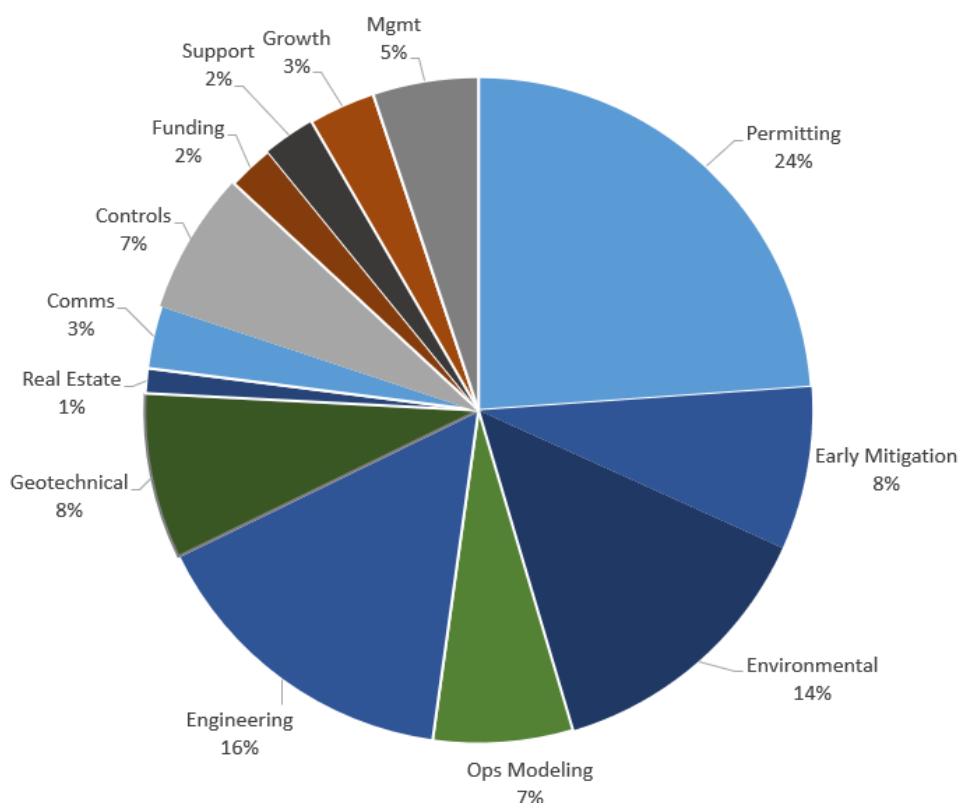


Figure 2. Budget percent by subject area

6.0 Work Plan Cash Flow

The master schedule was used to create a cash flow and determine the required timing of cash calls from the Reservoir Committee. A preliminary cash call schedule has been developed to maintain a cash-positive position to help avoid project delays. Cash call invoices totaling \$100/acre-foot (AF) will occur as follows:

- \$60/AF, due September 1, 2020
- \$40/AF, due February 1, 2021

Cash flow graphs are included for the Reservoir Committee and Authority Board on Figure 3 and Figure 4, respectively.

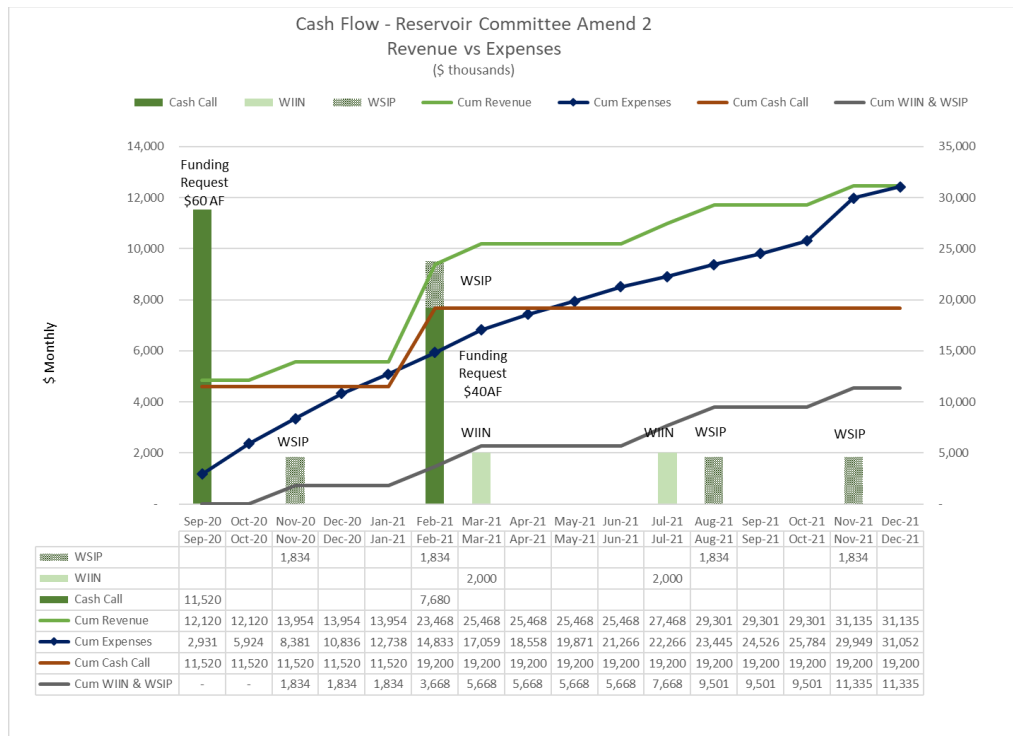


Figure 3. Amendment 2 cash flow, Reservoir Committee

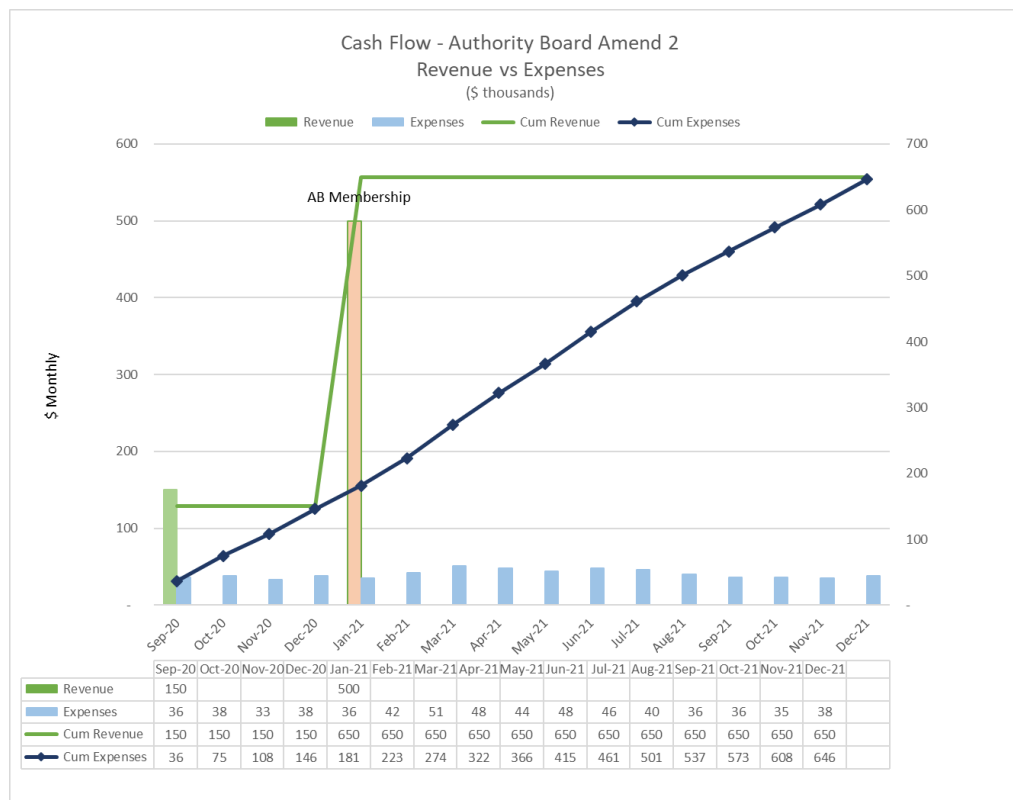


Figure 4. Amendment 2 cash flow, Authority Board

7.0 Work Plan Outcomes by Subject

The following outcomes will be used in conjunction with the deliverables list included in Attachment A as a starting point for project consultants to develop task orders within each subject area. The task orders will be based on a bottoms-up estimate and will contain budgets less than the subject area budgets defined in the work plan.

1. Permitting

Authority Agent Lead: Ali Forsythe

Outcomes:

- Federal Endangered Species Act (ESA) compliance document received (Biological Opinion)
- California Endangered Species Act (CESA) Incidental Take Permit applications submitted
- National Historic Preservation Act compliance: Section 106 Programmatic Agreement final submitted for signatures
- Sites water rights application advanced
- State and Federal Clean Water Act (CWA) permit application packets submitted (404 and 401)
- Mitigation costs for Prop 1 Feasibility Report completed
- Additional geotechnical data collection field monitoring completed
- Public benefit agreements (Prop 1) completed

2. Early Mitigation

Authority Agent Lead: Ali Forsythe

Outcomes:

- Geotech mitigation completed

3. Environmental Planning

Authority Agent Lead: Ali Forsythe

Outcomes:

- Description of Preferred Project and Alternatives for EIR/EIS Analysis
- AB 52 Consultation On-going
- Draft EIR/EIS Released for Public Review and Comment
- Summary Report for California Water Commission completed
- Draft Responses to Comments and Final EIR/EIS advanced
- Environmental Feasibility for Prop 1 completed
- Environmental Planning Support for Outreach and Public Meetings

4. Operations Modeling

Authority Agent Lead: Ali Forsythe

Outcomes:

- Development of operations criteria and operations project description
- Full operations analysis completed with updated criteria, including the following:
- Hydrology & System Operations
 - Fisheries
 - Delta Hydrodynamics

- Delta Water Quality
- Power
- Economics
- Development of Operations Plan, Version 1 completed
- Additional modeling and operations to support permit applications
- Bridging simulation(s) to support California Water Commission
- Term Sheets for Key Operational Agreements with DWR, Reclamation, TCCA, GCID, and the Colusa Basin Drain entities completed

5. Engineering

Authority Agent Lead: Lee Frederiksen

Outcomes:

- Feasibility level designs completed
- CADD drawings of key facilities
- GIS drawings of facility footprints to support environmental analyses completed
- Class 4 construction estimate completed
- Construction sequencing and schedule completed
- Support geotechnical field investigation for feasibility study
- Support development of geotechnical field investigation plan for design
- Develop and implement DSOD engagement plan
- Support development design/construction/permitting plan
- Advance of hydraulic modeling
- Support environmental/permitting
- Update risk assessment

Engineering Support for:

- Prop 1 Feasibility Report (technical & economic)
- Environmental analysis & documentation
- Critical permits
- Water right application

6. Geotechnical

Authority Agent Lead: Lee Frederiksen

Outcomes:

- Support planning and permitting, right of access, scheduling for feasibility field investigation
- Conduct field investigation for feasibility field investigation
- Complete data evaluation and prepare geotechnical design reports for feasibility study
- Complete data gap assessment design level geotechnical field investigation plan

7. Real Estate

Authority Agent Lead: Kevin Spesert

Outcomes:

- Landowner engagement and coordination
- Negotiate TROE agreements in support of field activities
- Support for public outreach & public meetings

8. Communications

Authority Agent Lead: Kevin Spesert

Outcomes:

- Authority strategic communications
- Government (Federal & State) outreach, advocacy, and funding support
- Local Government/Agency coordination
- Stakeholder coordination and general public outreach

9. Project Controls

Authority Agent Lead: Joe Trapasso

Outcomes:

- Financial and project cost management
- Document, data and schedule management
- Contract procurement, management and compliance
- Monthly, quarterly, and annual reporting continued
- Accounting compliance (Authority Board and Reservoir Committee)

10. Funding

Authority Agent Lead: Joe Trapasso

Outcome:

- Funding agreements administered to maximize utilization of participant funding
- WIFIA letter of interest submitted

11. Support

Authority Agent Lead: Joe Trapasso

Outcomes:

- Support is provided to the Authority as a business including legal, IT, office space, document management

12. Growth

Authority Agent Lead: Joe Trapasso

Outcomes:

- Project plan of finance in place
- Successor agreement developed and executed for work beyond 2021, including an updated work plan
- Organizational assessment actions completed

13. Management

Authority Agent Lead: Joe Trapasso

Outcomes:

- Project oversight and governance
- Support to Authority Board & Reservoir Committee
- Document, data and schedule management
- Government (Federal & State) outreach, advocacy, and funding support
- Local Government/Agency coordination
- Stakeholder coordination and general public outreach

8.0 Activities Needed to Complete the Planning Phase

The activities in this work plan significantly complete the planning phase. The activities needed to fully complete the planning phase, Phase 2 and begin Phase 3 are:

- A Final EIR/EIS
- Accepted Water Rights
- Finalize remaining permits
 - Completing tier 1 environmental permits as listed in the Amendment 2 work plan
 - Completing tier 2 environmental permits
 - Completing tier 3 technical permits (DSOD)
- Finalize operational agreements to comply with Prop 1
 - Operations with Reclamation and DWR
 - Operations with CDFW
 - Recreation and flood with DWR
 - Funding agreement with CWC
- Repay Phase 1 contributed credit to former participants
- Acquire temporary rights of entry
- Develop policies, procedures, and implement systems necessary to complete phase 3

Attachment A - Amendment 2 Budget by Deliverable

ATTACHMENT A: BUDGET BY DELIVERABLE

Subject Area	Authority Board	Reservoir Committee	Total
Permitting		\$7,569,000	\$7,569,000
Clean Water Act 404/401 Permit Applications		\$1,417,500	\$1,417,500
Biological Assessment/Biological Opinion Support		\$1,302,000	\$1,302,000
Water Right Application		\$1,016,500	\$1,016,500
Section 106 Programmatic Agreement		\$927,500	\$927,500
ITP-Section 2081 Permit- Construction Application		\$599,500	\$599,500
ITP-Section 2081 Permit-Operations Application		\$576,000	\$576,000
Mitigation Plan		\$465,800	\$465,800
Geotechnical Field Monitoring		\$450,400	\$450,400
Section 408 Draft Packet		\$313,000	\$313,000
Adaptive Management Plan		\$299,300	\$299,300
Focused Species Surveys		\$201,500	\$201,500
Early Mitigation		\$2,500,000	\$2,500,000
Early Mitigation		\$2,500,000	\$2,500,000
Environmental Planning		\$4,331,750	\$4,331,750
Revised Admin Draft EIR/EIS		\$2,676,500	\$2,676,500
Admin Final EIR/EIS Response to Comments		\$611,250	\$611,250
Revised Public Draft EIR/EIS		\$450,250	\$450,250
Response to Comments/Summary Report for CWC		\$242,750	\$242,750
Draft EIR/EIS Project Description Chapter		\$230,500	\$230,500
Public Review Period/Public Meetings		\$120,500	\$120,500
Operations Modeling		\$2,146,200	\$2,146,200
Full Operations Analysis		\$1,486,400	\$1,486,400
Ops/Modeling Coordination		\$659,800	\$659,800
Engineering		\$4,940,535	\$4,940,535
Feasibility Design and CADD Drawings for Modified Alternative A		\$1,350,948	\$1,350,948
Project Description Key Project Features & Facilities		\$605,254	\$605,254
Cost Estimate, Feasibility, Constructability Analysis for Feasibility Report		\$525,374	\$525,374
Class 4 Cost Estimate		\$508,424	\$508,424
DSOD Engagement Plan		\$423,684	\$423,684
Draft Feasibility Report		\$387,370	\$387,370
Risk Workshop Outcomes TM		\$270,000	\$270,000
Engineering Project Coordination		\$217,896	\$217,896
Final Feasibility Report		\$181,579	\$181,579
Economics and Financial for Feasibility Report		\$179,474	\$179,474
Program Design/Construction/Permit Implementation		\$121,054	\$121,054
Preliminary Hydraulics Model		\$121,054	\$121,054
Geotechnical Permit Planning & Investigation Plan		\$48,424	\$48,424
Geotech		\$2,543,840	\$2,543,840
Field Data Collection Work Plan/Cost Estimate		\$1,443,840	\$1,443,840
Geotechnical Data Reports		\$650,000	\$650,000
Preliminary Planning for Design		\$300,000	\$300,000
Site Plan with Proposed Borings		\$150,000	\$150,000
Real Estate	\$20,800	\$362,200	\$383,000
Real Estate Landowner Coordination	\$20,800	\$362,200	\$383,000
Communications	\$205,005	\$770,795	\$975,800
Government Affairs WP 2021	\$153,700	\$278,150	\$431,850
Communications		\$400,000	\$400,000
Government Affairs WP 2020	\$51,305	\$92,645	\$143,950
Project Controls	\$123,600	\$2,033,200	\$2,156,800
Monthly Board/Res Comm Support	\$107,600	\$603,600	\$711,200
Accounts Payable and Receivable	\$16,000	\$479,600	\$495,600

Subject Area	Authority Board	Reservoir Committee	Total
Contract Management		\$490,000	\$490,000
Project Master Schedule		\$360,000	\$360,000
State Invoice/Progress Reports & Quarterly Reports		\$100,000	\$100,000
Funding		\$705,600	\$705,600
State Invoice/Progress Reports & Quarterly Reports		\$465,600	\$465,600
WIFIA Application		\$240,000	\$240,000
Support	\$284,400	\$516,000	\$800,400
Business Management Vendors	\$12,400	\$335,000	\$347,400
Legal Counsel	\$240,000		\$240,000
Business Management	\$32,000	\$64,000	\$96,000
IT and GIS Support		\$63,000	\$63,000
Document Management		\$54,000	\$54,000
Growth	\$12,400	\$1,010,000	\$1,022,400
Successor Agreement		\$480,000	\$480,000
Successor Agreement Work Plan		\$250,000	\$250,000
Plan of Finance	\$12,400	\$180,000	\$192,400
Organizational Assessment		\$100,000	\$100,000
Management		\$1,622,600	\$1,622,600
Project Management		\$730,600	\$730,600
Executive Director		\$672,000	\$672,000
Business Management		\$120,000	\$120,000
Strategic Planner		\$100,000	\$100,000
Total	\$646,205	\$31,051,720	\$31,697,925

Attachment B - Amendment 2 Preliminary Budget by Resource

Attachment: Amendment 2 - Work Plan from September 1, 2020 to December 31, 2021 (Rev B) (5709 : Sites JPA Reservoir Project Agreement)

ATTACHMENT B: BUDGET BY RESOURCE

Subject Area	Authority Board	Reservoir Committee	Total
01-HDR		\$4,413,575	\$4,413,575
Engineering		\$910,535	\$910,535
Feasibility Design and CADD Drawings for Modified Alternative A		\$234,948	\$234,948
Risk Workshop Outcomes TM		\$120,000	\$120,000
Project Description Key Project Features & Facilities		\$105,254	\$105,254
Cost Estimate, Feasibility, Constructability Analysis for Feasibility Report		\$91,374	\$91,374
Class 4 Cost Estimate		\$88,424	\$88,424
DSOD Engagement Plan		\$73,684	\$73,684
Draft Feasibility Report		\$67,370	\$67,370
Engineering Project Coordination		\$37,896	\$37,896
Final Feasibility Report		\$31,579	\$31,579
Program Design/Construction/Permit Implementation		\$21,054	\$21,054
Preliminary Hydraulics Model		\$21,054	\$21,054
Economics and Financial for Feasibility Report		\$9,474	\$9,474
Geotechnical Permit Planning & Investigation Plan		\$8,424	\$8,424
Environmental Planning		\$832,000	\$832,000
Revised Admin Draft EIR/EIS		\$520,000	\$520,000
Admin Final EIR/EIS Response to Comments		\$110,000	\$110,000
Revised Public Draft EIR/EIS		\$70,000	\$70,000
Response to Comments/Summary Report for CWC		\$52,000	\$52,000
Public Review Period/Public Meetings		\$50,000	\$50,000
Draft EIR/EIS Project Description Chapter		\$30,000	\$30,000
Funding		\$200,000	\$200,000
WIFIA Application		\$160,000	\$160,000
State Invoice/Progress Reports & Quarterly Reports		\$40,000	\$40,000
Geotech		\$43,840	\$43,840
Field Data Collection Work Plan/Cost Estimate		\$43,840	\$43,840
Growth		\$160,000	\$160,000
Successor Agreement Work Plan		\$70,000	\$70,000
Plan of Finance		\$60,000	\$60,000
Successor Agreement		\$30,000	\$30,000
Management		\$327,000	\$327,000
Project Management		\$207,000	\$207,000
Business Management		\$120,000	\$120,000
Modeling		\$211,200	\$211,200
Full Operations Analysis		\$158,400	\$158,400
Ops/Modeling Coordination		\$52,800	\$52,800
Permitting		\$1,096,000	\$1,096,000
Biological Assessment/Biological Opinion Support		\$219,200	\$219,200
Water Right Application		\$137,000	\$137,000
Section 106 Programmatic Agreement		\$137,000	\$137,000
Clean Water Act 404/401 Permit Applications		\$137,000	\$137,000
ITP-Section 2081 Permit-Operations Application		\$109,600	\$109,600
Mitigation Plan		\$87,680	\$87,680
ITP-Section 2081 Permit- Construction Application		\$82,200	\$82,200
Adaptive Management Plan		\$60,280	\$60,280
Section 408 Draft Packet		\$54,800	\$54,800
Geotechnical Field Monitoring		\$43,840	\$43,840
Focused Species Surveys		\$27,400	\$27,400
Project Controls		\$260,000	\$260,000
Monthly Board/Res Comm Support		\$100,000	\$100,000
Project Master Schedule		\$80,000	\$80,000
Contract Management		\$50,000	\$50,000
Accounts Payable and Receivable		\$30,000	\$30,000

Subject Area	Authority Board	Reservoir Committee	Total
Real Estate		\$160,000	\$160,000
Real Estate Landowner Coordination		\$160,000	\$160,000
Support		\$213,000	\$213,000
Business Management Vendors		\$96,000	\$96,000
IT and GIS Support		\$63,000	\$63,000
Document Management		\$54,000	\$54,000
02-Brown & Caldwell		\$2,360,000	\$2,360,000
Engineering		\$160,000	\$160,000
Risk Workshop Outcomes TM		\$80,000	\$80,000
Economics and Financial for Feasibility Report		\$80,000	\$80,000
Funding		\$480,000	\$480,000
State Invoice/Progress Reports & Quarterly Reports		\$400,000	\$400,000
WIFIA Application		\$80,000	\$80,000
Growth		\$380,000	\$380,000
Successor Agreement Work Plan		\$180,000	\$180,000
Plan of Finance		\$120,000	\$120,000
Successor Agreement		\$80,000	\$80,000
Project Controls		\$1,340,000	\$1,340,000
Monthly Board/Res Comm Support		\$360,000	\$360,000
Accounts Payable and Receivable		\$360,000	\$360,000
Project Master Schedule		\$280,000	\$280,000
Contract Management		\$240,000	\$240,000
State Invoice/Progress Reports & Quarterly Reports		\$100,000	\$100,000
03-Katz & Associates		\$400,000	\$400,000
Communications		\$400,000	\$400,000
Communications		\$400,000	\$400,000
04-CH2M Hill Engineers		\$1,730,000	\$1,730,000
Modeling		\$1,730,000	\$1,730,000
Full Operations Analysis		\$1,205,000	\$1,205,000
Ops/Modeling Coordination		\$525,000	\$525,000
05-ICF Environmental		\$2,705,000	\$2,705,000
Environmental Planning		\$2,705,000	\$2,705,000
Revised Admin Draft EIR/EIS		\$1,745,000	\$1,745,000
Admin Final EIR/EIS Response to Comments		\$400,000	\$400,000
Revised Public Draft EIR/EIS		\$280,000	\$280,000
Draft EIR/EIS Project Description Chapter		\$120,000	\$120,000
Response to Comments/Summary Report for CWC		\$110,000	\$110,000
Public Review Period/Public Meetings		\$50,000	\$50,000
06-ICF Permitting		\$4,400,000	\$4,400,000
Permitting		\$4,400,000	\$4,400,000
Biological Assessment/Biological Opinion Support		\$855,000	\$855,000
Section 106 Programmatic Agreement		\$705,000	\$705,000
Clean Water Act 404/401 Permit Applications		\$700,000	\$700,000
ITP-Section 2081 Permit-Operations Application		\$400,000	\$400,000
Geotechnical Field Monitoring		\$400,000	\$400,000
Mitigation Plan		\$365,000	\$365,000
ITP-Section 2081 Permit- Construction Application		\$325,000	\$325,000
Section 408 Draft Packet		\$250,000	\$250,000
Adaptive Management Plan		\$230,000	\$230,000
Focused Species Surveys		\$170,000	\$170,000
08-AECOM		\$1,900,000	\$1,900,000
Engineering		\$1,900,000	\$1,900,000
Feasibility Design and CADD Drawings for Modified Alternative A		\$558,000	\$558,000
Project Description Key Project Features & Facilities		\$250,000	\$250,000
Cost Estimate, Feasibility, Constructability Analysis for Feasibility Report		\$217,000	\$217,000
Class 4 Cost Estimate		\$210,000	\$210,000

Subject Area	Authority Board	Reservoir Committee	Total
DSOD Engagement Plan		\$175,000	\$175,000
Draft Feasibility Report		\$160,000	\$160,000
Engineering Project Coordination		\$90,000	\$90,000
Final Feasibility Report		\$75,000	\$75,000
Preliminary Hydraulics Model		\$50,000	\$50,000
Program Design/Construction/Permit Implementation		\$50,000	\$50,000
Economics and Financial for Feasibility Report		\$45,000	\$45,000
Geotechnical Permit Planning & Investigation Plan		\$20,000	\$20,000
09-Jacobs		\$1,900,000	\$1,900,000
Engineering		\$1,900,000	\$1,900,000
Feasibility Design and CADD Drawings for Modified Alternative A		\$558,000	\$558,000
Project Description Key Project Features & Facilities		\$250,000	\$250,000
Cost Estimate, Feasibility, Constructability Analysis for Feasibility Report		\$217,000	\$217,000
Class 4 Cost Estimate		\$210,000	\$210,000
DSOD Engagement Plan		\$175,000	\$175,000
Draft Feasibility Report		\$160,000	\$160,000
Engineering Project Coordination		\$90,000	\$90,000
Final Feasibility Report		\$75,000	\$75,000
Preliminary Hydraulics Model		\$50,000	\$50,000
Program Design/Construction/Permit Implementation		\$50,000	\$50,000
Economics and Financial for Feasibility Report		\$45,000	\$45,000
Geotechnical Permit Planning & Investigation Plan		\$20,000	\$20,000
10-Fugro		\$2,500,000	\$2,500,000
Geotech		\$2,500,000	\$2,500,000
Field Data Collection Work Plan/Cost Estimate		\$1,400,000	\$1,400,000
Geotechnical Data Reports		\$650,000	\$650,000
Preliminary Planning for Design		\$300,000	\$300,000
Site Plan with Proposed Borings		\$150,000	\$150,000
AA-Authority Agents	\$130,205	\$1,859,595	\$1,989,800
Communications	\$21,005	\$186,795	\$207,800
Government Affairs WP 2021	\$15,700	\$140,150	\$155,850
Government Affairs WP 2020	\$5,305	\$46,645	\$51,950
Engineering		\$70,000	\$70,000
Risk Workshop Outcomes TM		\$70,000	\$70,000
Environmental Planning		\$164,000	\$164,000
Revised Admin Draft EIR/EIS		\$61,500	\$61,500
Admin Final EIR/EIS Response to Comments		\$30,750	\$30,750
Response to Comments/Summary Report for CWC		\$20,500	\$20,500
Draft EIR/EIS Project Description Chapter		\$20,500	\$20,500
Public Review Period/Public Meetings		\$20,500	\$20,500
Revised Public Draft EIR/EIS		\$10,250	\$10,250
Funding		\$25,600	\$25,600
State Invoice/Progress Reports & Quarterly Reports		\$25,600	\$25,600
Growth		\$82,000	\$82,000
Organizational Assessment		\$50,000	\$50,000
Successor Agreement		\$32,000	\$32,000
Management		\$523,600	\$523,600
Project Management		\$523,600	\$523,600
Modeling		\$164,000	\$164,000
Ops/Modeling Coordination		\$82,000	\$82,000
Full Operations Analysis		\$82,000	\$82,000
Permitting		\$164,000	\$164,000
Biological Assessment/Biological Opinion Support		\$32,800	\$32,800
Water Right Application		\$20,500	\$20,500
Section 106 Programmatic Agreement		\$20,500	\$20,500
Clean Water Act 404/401 Permit Applications		\$20,500	\$20,500

Subject Area	Authority Board	Reservoir Committee	Total
ITP-Section 2081 Permit-Operations Application		\$16,400	\$16,400
Mitigation Plan		\$13,120	\$13,120
ITP-Section 2081 Permit- Construction Application		\$12,300	\$12,300
Adaptive Management Plan		\$9,020	\$9,020
Section 408 Draft Packet		\$8,200	\$8,200
Geotechnical Field Monitoring		\$6,560	\$6,560
Focused Species Surveys		\$4,100	\$4,100
Project Controls	\$88,400	\$292,400	\$380,800
Contract Management		\$200,000	\$200,000
Monthly Board/Res Comm Support	\$88,400	\$66,800	\$155,200
Accounts Payable and Receivable		\$25,600	\$25,600
Real Estate	\$20,800	\$187,200	\$208,000
Real Estate Landowner Coordination	\$20,800	\$187,200	\$208,000
AE-Authority Ex Director		\$710,000	\$710,000
Growth		\$38,000	\$38,000
Successor Agreement		\$38,000	\$38,000
Management		\$672,000	\$672,000
Executive Director		\$672,000	\$672,000
OP-Auditor	\$12,400		\$12,400
Growth	\$12,400		\$12,400
Plan of Finance	\$12,400		\$12,400
OP-Board Clerk	\$19,200	\$76,800	\$96,000
Project Controls	\$19,200	\$76,800	\$96,000
Monthly Board/Res Comm Support	\$19,200	\$76,800	\$96,000
OP-Doug Brown		\$50,000	\$50,000
Growth		\$50,000	\$50,000
Successor Agreement		\$50,000	\$50,000
OP-Ferguson Group	\$120,000	\$120,000	\$240,000
Communications	\$120,000	\$120,000	\$240,000
Government Affairs WP 2021	\$90,000	\$90,000	\$180,000
Government Affairs WP 2020	\$30,000	\$30,000	\$60,000
OP-Gary Darling		\$50,000	\$50,000
Growth		\$50,000	\$50,000
Organizational Assessment		\$50,000	\$50,000
OP-Jerry Johns		\$14,000	\$14,000
Permitting		\$14,000	\$14,000
Water Right Application		\$14,000	\$14,000
OP-K-Coe Isom LLP	\$16,000	\$64,000	\$80,000
Project Controls	\$16,000	\$64,000	\$80,000
Accounts Payable and Receivable	\$16,000	\$64,000	\$80,000
OP-Keith Dunn	\$64,000	\$64,000	\$128,000
Communications	\$64,000	\$64,000	\$128,000
Government Affairs WP 2021	\$48,000	\$48,000	\$96,000
Government Affairs WP 2020	\$16,000	\$16,000	\$32,000
OP-MBK Engineers		\$650,000	\$650,000
Permitting		\$650,000	\$650,000
Water Right Application		\$650,000	\$650,000
OP-MDA		\$250,000	\$250,000
Growth		\$250,000	\$250,000
Successor Agreement		\$250,000	\$250,000
OP-Perkins Coie		\$1,250,000	\$1,250,000
Environmental Planning		\$600,000	\$600,000
Revised Admin Draft EIR/EIS		\$350,000	\$350,000
Revised Public Draft EIR/EIS		\$90,000	\$90,000
Draft EIR/EIS Project Description Chapter		\$60,000	\$60,000
Admin Final EIR/EIS Response to Comments		\$50,000	\$50,000

Subject Area	Authority Board	Reservoir Committee	Total
Response to Comments/Summary Report for CWC		\$50,000	\$50,000
Permitting		\$650,000	\$650,000
Clean Water Act 404/401 Permit Applications		\$260,000	\$260,000
Biological Assessment/Biological Opinion Support		\$195,000	\$195,000
ITP-Section 2081 Permit- Construction Application		\$130,000	\$130,000
Section 106 Programmatic Agreement		\$65,000	\$65,000
OP-Strategic Planner		\$100,000	\$100,000
Management		\$100,000	\$100,000
Strategic Planner		\$100,000	\$100,000
OP-Wiseman		\$15,000	\$15,000
Real Estate		\$15,000	\$15,000
Real Estate Landowner Coordination		\$15,000	\$15,000
OP-Young Wooldridge	\$240,000	\$195,000	\$435,000
Permitting		\$195,000	\$195,000
Water Right Application		\$195,000	\$195,000
Support	\$240,000		\$240,000
Legal Counsel	\$240,000		\$240,000
VE-ACWA	\$10,700	\$14,000	\$24,700
Support	\$10,700	\$14,000	\$24,700
Business Management Vendors	\$10,700	\$14,000	\$24,700
VE-JPIA Insurance	\$1,700		\$1,700
Support	\$1,700		\$1,700
Business Management Vendors	\$1,700		\$1,700
VE-Other		\$296,750	\$296,750
Environmental Planning		\$30,750	\$30,750
Admin Final EIR/EIS Response to Comments		\$20,500	\$20,500
Response to Comments/Summary Report for CWC		\$10,250	\$10,250
Modeling		\$41,000	\$41,000
Full Operations Analysis		\$41,000	\$41,000
Support		\$225,000	\$225,000
Business Management Vendors		\$225,000	\$225,000
VE-Permit Fees		\$2,900,000	\$2,900,000
Early Mitigation²		\$2,500,000	\$2,500,000
Early Mitigation		\$2,500,000	\$2,500,000
Permitting		\$400,000	\$400,000
Clean Water Act 404/401 Permit Applications		\$300,000	\$300,000
ITP-Section 2081 Permit- Construction Application		\$50,000	\$50,000
ITP-Section 2081 Permit-Operations Application		\$50,000	\$50,000
VE-Rent	\$32,000	\$64,000	\$96,000
Support	\$32,000	\$64,000	\$96,000
Business Management	\$32,000	\$64,000	\$96,000
Total	\$646,205	\$31,051,720	\$31,697,925

Attachment C – Critical Path Schedule

Sites Reservoir Project

Date: 13-Apr-20

Activity ID	Activity Name	Ori Dur	Start	Finish	2020	2021
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Activity ID	Activity Name	Ori Dur	Start	Finish	2020												2021															
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
SITES PROJECT		548	02-Jan-20	25-Feb-22																												
MILESTONES		327	31-Aug-20	15-Dec-21																												
MS-001-LF	Local Funding (Go/No-go #1)	0		31-Aug-20																												
MS-002-LF	Local Funding (Go/No-go #2)	0		08-Jan-21																												
MS-003-LF	Local Funding (Go/No-go #3)	0		15-Dec-21																												
LOCAL FUNDING		509	02-Jan-20	31-Dec-21																												
Execute Participation Ageement 1B		95	23-Jan-20	04-Jun-20																												
PA-010	Amend Task Orders	26	23-Jan-20	27-Feb-20																												
PA-020	Final Participation Agreement Amendment 1B	15	18-Mar-20	08-Apr-20																												
PA-030	Engineering Task Orders (HC, HR)	30	23-Jan-20	04-Mar-20																												
PA-040	Amendment 1B Exhibit B	5	01-Apr-20	08-Apr-20																												
PA-050	Executed 1B	0		04-Jun-20																												
Execute Participation Agreement 2		114	18-Mar-20	26-Aug-20																												
PA-120	Draft Participation Agreement Amend 2 for Home Board Review	15	18-Mar-20	08-Apr-20																												
PA-130	Home Board Review - Determine Participation Level	44	17-Apr-20	18-Jun-20																												
PA-140	Rebalance Participation	8	19-Jun-20	30-Jun-20																												
PA-150	Final Participation Agreement Amend 2 with Exhibits	0		30-Jun-20																												
PA-160	Execute Amendment 2	0		26-Aug-20																												
Execute Successor Participation Areement 2		106	02-Aug-21	31-Dec-21																												
PA-210	Prepare Successor Agreement Work Plan	85	02-Aug-21*	01-Dec-21																												
PA-220	Execute Successor Agreement	22	02-Dec-21	31-Dec-21																												
Work Plan Amend 1B		40	02-Jan-20	26-Feb-20																												
WP-005	Incorporate Comments from Dec Res Comm Mtg	9	02-Jan-20*	14-Jan-20																												
WP-015	Prepare Final Work Plan	14	15-Jan-20	03-Feb-20																												
WP-020	Budget & Finance Work Group Review	5	04-Feb-20	10-Feb-20																												
WP-025	Work Plan 1B Approved	0		26-Feb-20																												
Work Plan Amend 2		153	28-Jan-20	01-Sep-20																												
Develop Schedule		29	28-Jan-20	06-Mar-20																												
WP-040	Develop Draft Schedule thru Dec 31, 2021	13	28-Jan-20	13-Feb-20																												
WP-060	Develop Final Schedule through Dec 2021	10	24-Feb-20	06-Mar-20																												
Work Plan Scope Document		50	28-Jan-20	06-Apr-20																												
WP-050	Draft Work Plan Task List	13	28-Jan-20	13-Feb-20																												
WP-070	Final Work Plan Scope Document	31	24-Feb-20	06-Apr-20																												
Work Plan Budget		50	28-Jan-20	06-Apr-20																												
WP-035	Budget Scenarios and Assumptions	2	11-Feb-20	12-Feb-20																												
WP-055	Draft Work Plan Budget	13	28-Jan-20	13-Feb-20																												
WP-090	Final Work Plan Budget	31	24-Feb-20	06-Apr-20																												
Amendment 2		103	07-Apr-20	01-Sep-20																												
WP2-095	Final Amendment 2 Work Plan	5	07-Apr-20	13-Apr-20																												
WP2-110	Develop Task Orders (Sep 2020 to Dec 2021)	51	14-Apr-20	24-Jun-20																												
WP2-120	Work Plan 2 Approved	0		24-Jun-20																												
WP2-130	Start of Amend 2	0	01-Sep-20																													
VALUE PLANNING		73	02-Jan-20	13-Apr-20																												
Value Planning Analysis		44	02-Jan-20	03-Mar-20																												
VP-001	Refine Value Planning Options	3	02-Jan-20	06-Jan-20																												
VP-002	Screen Value Planning Options	20	07-Jan-20	03-Feb-20																												

 Actual Work
 Critical Remaining Work
 Critical Milestone
 Cal Days
 Remaining Work
 Milestone
 Summary

Project Schedule

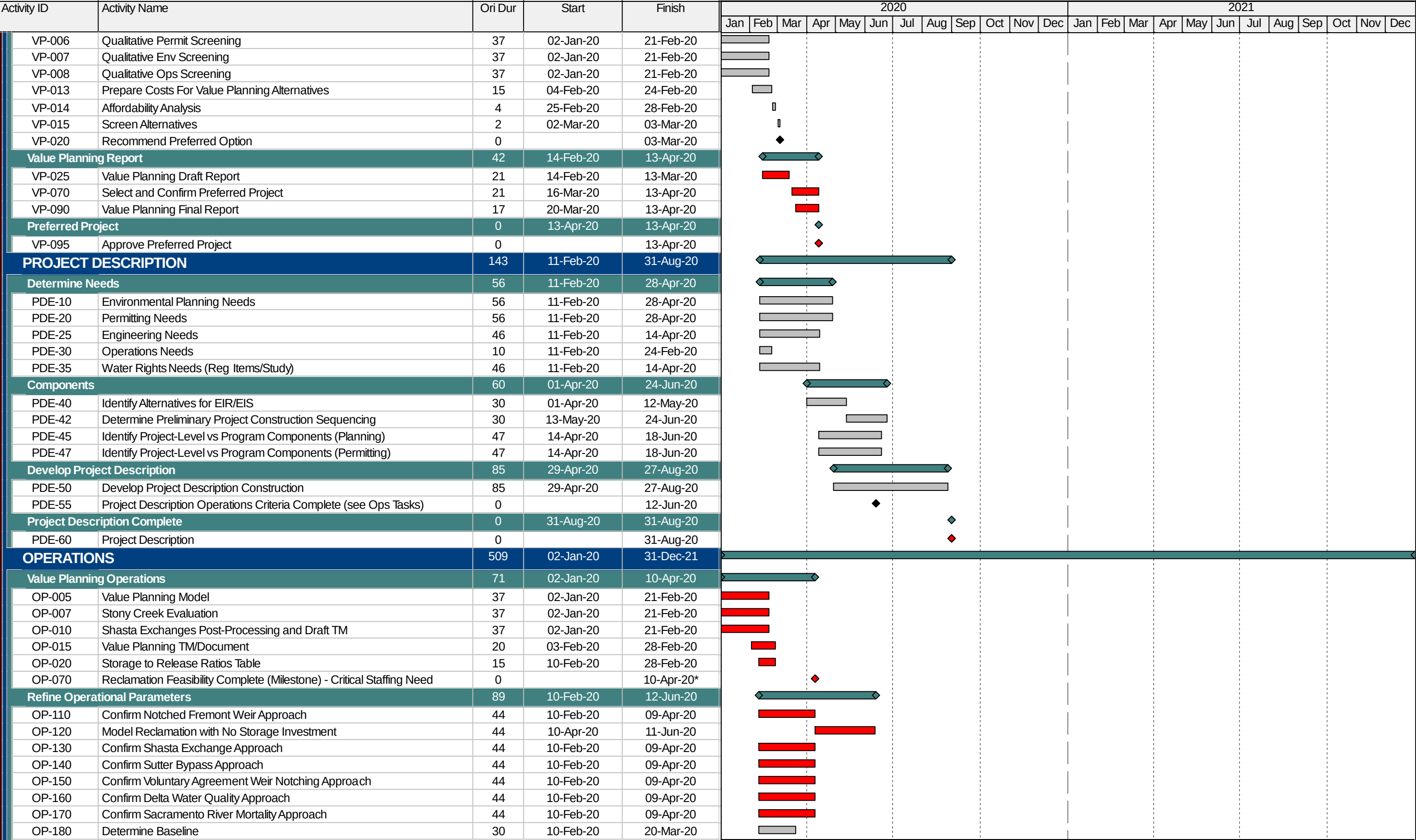
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Packet Pg. 342

Attachment: Amendment 2 - Work Plan from September 1, 2020 to December 31, 2021 (Rev B) (5709 : Sites JPA Reservoir Project Agreement)

Sites Reservoir Project

Date: 13-Apr-20



Actual Work Critical Remaining Work Critical Milestone Cal Days
Remaining Work Milestone Summary

Project Schedule

Sites Reservoir Project

Date: 13-Apr-20

Sites Reservoir Project

Date: 13-Apr-20

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Activity ID	Activity Name	Ori Dur	Start	Finish	2020												2021																		
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec							
1	OP-190	Confirm CVP/SWP Integration Approach	44	10-Feb-20	09-Apr-20																														
	OP-200	Confirm Participation Demands Updated	44	10-Feb-20	09-Apr-20																														
	OP-210	Confirm Model Refinements	44	10-Apr-20	11-Jun-20																														
	OP-220	Finalize Operational Criteria	0		12-Jun-20																														
	Full Operations Analysis		509	02-Jan-20	31-Dec-21																														
	OP-410	Initial Modeling Evaluation	45	15-Jun-20	17-Aug-20																														
	OP-420	Preliminary Results Available for Strategy Discussions	0		17-Aug-20																														
	OP-430	Define and Finalize	48	18-Aug-20	23-Oct-20																														
	OP-440	Power and Economics	10	26-Oct-20	06-Nov-20																														
	OP-450	Final Operations Analysis's Output	0		09-Nov-20																														
	OP-460	Term Sheets for key Operational Agreements	509	02-Jan-20	31-Dec-21																														
	OP-470	Operations Plan, Version 1	509	02-Jan-20	31-Dec-21																														
	Coordination		40	10-Nov-20	08-Jan-21																														
	OP-320	Documentation for EIR/EIS and BA/ITP	40	10-Nov-20	08-Jan-21																														
	EIR/EIS		520	11-Feb-20	25-Feb-22																														
	Work Plan & Outline		224	11-Feb-20	28-Dec-20																														
	EIR-001	Prepare EIR/EIS Work Plan	56	11-Feb-20	28-Apr-20																														
	EIR-010	Prepare Annotated Outline	68	13-May-20	18-Aug-20																														
	EIR-015	Introduction Chapter/Recirculation Story	68	13-May-20	18-Aug-20																														
	EIR-021	Prepare Draft EIR/EIS Project Description Chapter	81	01-Sep-20	28-Dec-20																														
	Draft EIR/EIS		220	01-Sep-20	14-Jul-21																														
	EIR-019	Prepare Revised Draft EIR/EIS Analysis (Construction)	70	01-Sep-20	10-Dec-20																														
	EIR-020	Prepare Revised Draft EIR/EIS Analysis (Operations)	61	11-Dec-20	09-Mar-21																														
	EIR-023	Status Update to Board	5	11-Jan-21	15-Jan-21																														
	EIR-025	Prepare Cumulative and Climate Change Sections	20	10-Feb-21	09-Mar-21																														
	EIR-026	Prepare Complete Admin Draft EIR/EIS	60	29-Dec-20	23-Mar-21																														
	EIR-030	Authority/Reclamation/Integration Review of Admin Draft EIR/EIS	9	24-Mar-21	05-Apr-21																														
	EIR-040	Revise Draft EIR/EIS Based on Comments	20	06-Apr-21	03-May-21																														
	EIR-045	Live Edit Meeting	1	04-May-21	04-May-21																														
	EIR-050	Work Group & Legal Review of Revised Draft EIR/EIS	22	05-May-21	03-Jun-21																														
	EIR-060	Resolve Work Group Comments	15	04-Jun-21	24-Jun-21																														
	EIR-065	Live Edit Meeting	2	25-Jun-21	28-Jun-21																														
EIR-067	Final Editing, Formatting and Doc Production	10	29-Jun-21	13-Jul-21																															
EIR-070	Authority Approval of Release Revised Draft EIR/EIS	1	14-Jul-21	14-Jul-21																															
EIR-080	Release Revised Draft EIR/EIS and Issue Public Notices	0		14-Jul-21																															
Public Review		60	15-Jul-21	12-Sep-21																															
EIR-090	Public Review Period	60	15-Jul-21	12-Sep-21																															
Summary Report		67	30-Aug-21	03-Dec-21																															
EIR-095	Categorize and Sort Comments by Topic	20	30-Aug-21	27-Sep-21																															
EIR-100	Approach to Response to Comments	15	28-Sep-21	18-Oct-21																															
EIR-105	Authority/Reclamation/Legal Review	5	19-Oct-21	25-Oct-21																															
EIR-110	Prepare Summary Report	20	26-Oct-21	22-Nov-21																															
EIR-115	Work Group & Legal Review of Summary Report	5	23-Nov-21	01-Dec-21																															
EIR-117	Live Edit Meeting of Summary Report	1	02-Dec-21	02-Dec-21																															
EIR-120	Draft EIR Summary Report Submittal to CWC	0		03-Dec-21																															
Response to Comments		90	19-Oct-21	25-Feb-22																															

 Actual Work
  Critical Remaining Work
  Critical Milestone
  Cal Days
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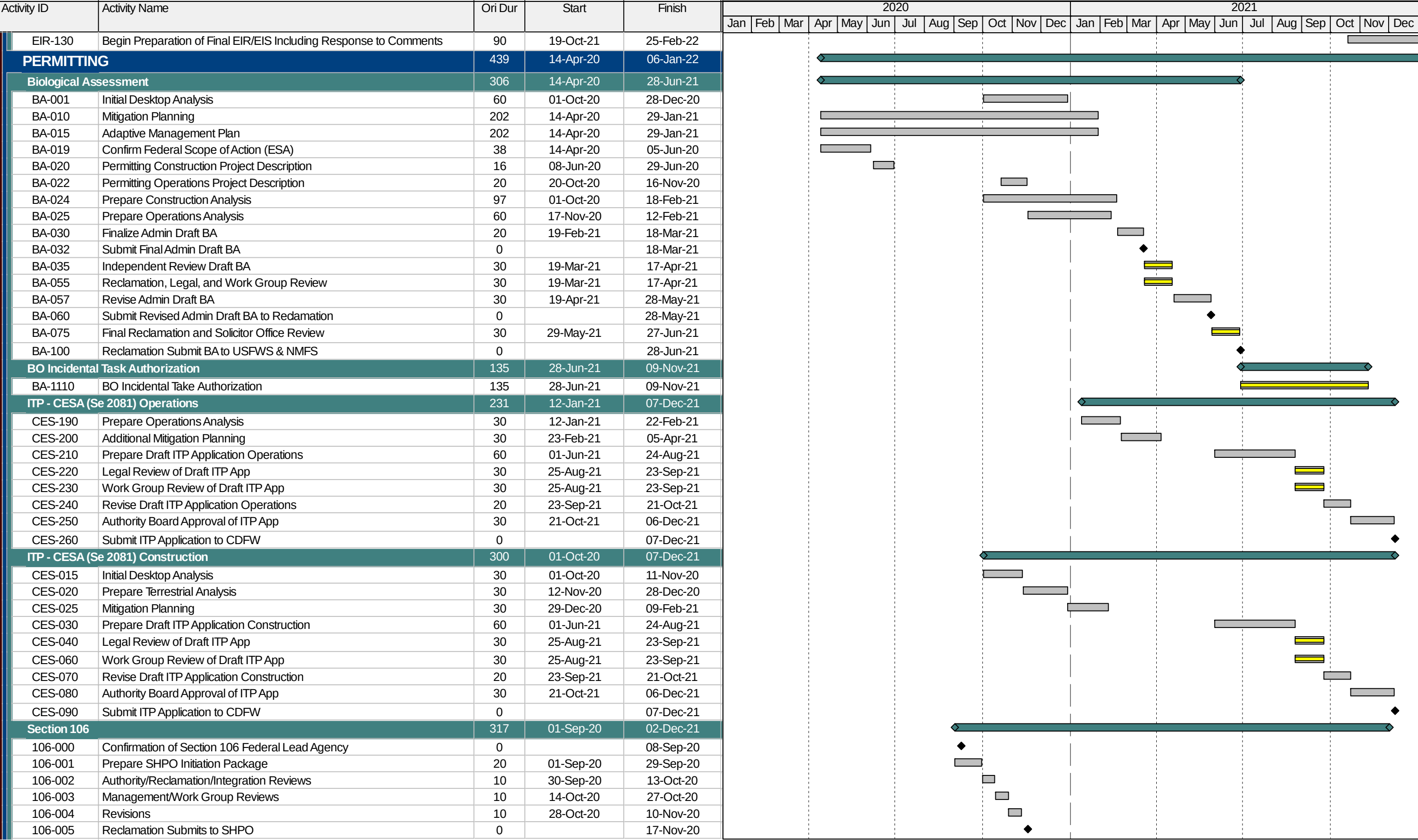
Packet Pg. 344

Attachment: Amendment 2 - Work Plan from September 1, 2020 to December 31, 2021 (Rev B) (5709 : Sites JPA Reservoir Project Agreement)

Sites Reservoir Project

Date: 13-Apr-20

7.1.d



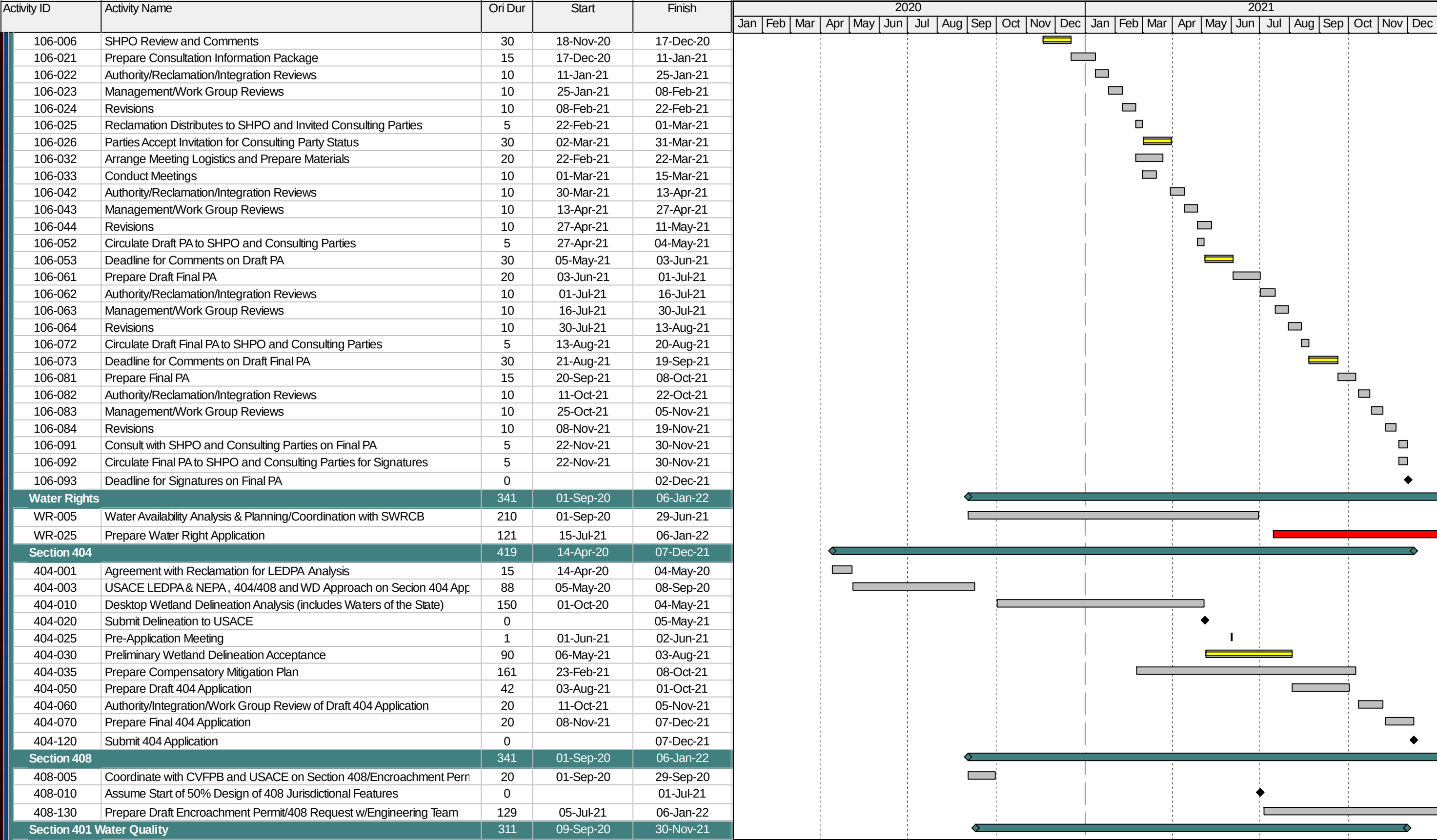
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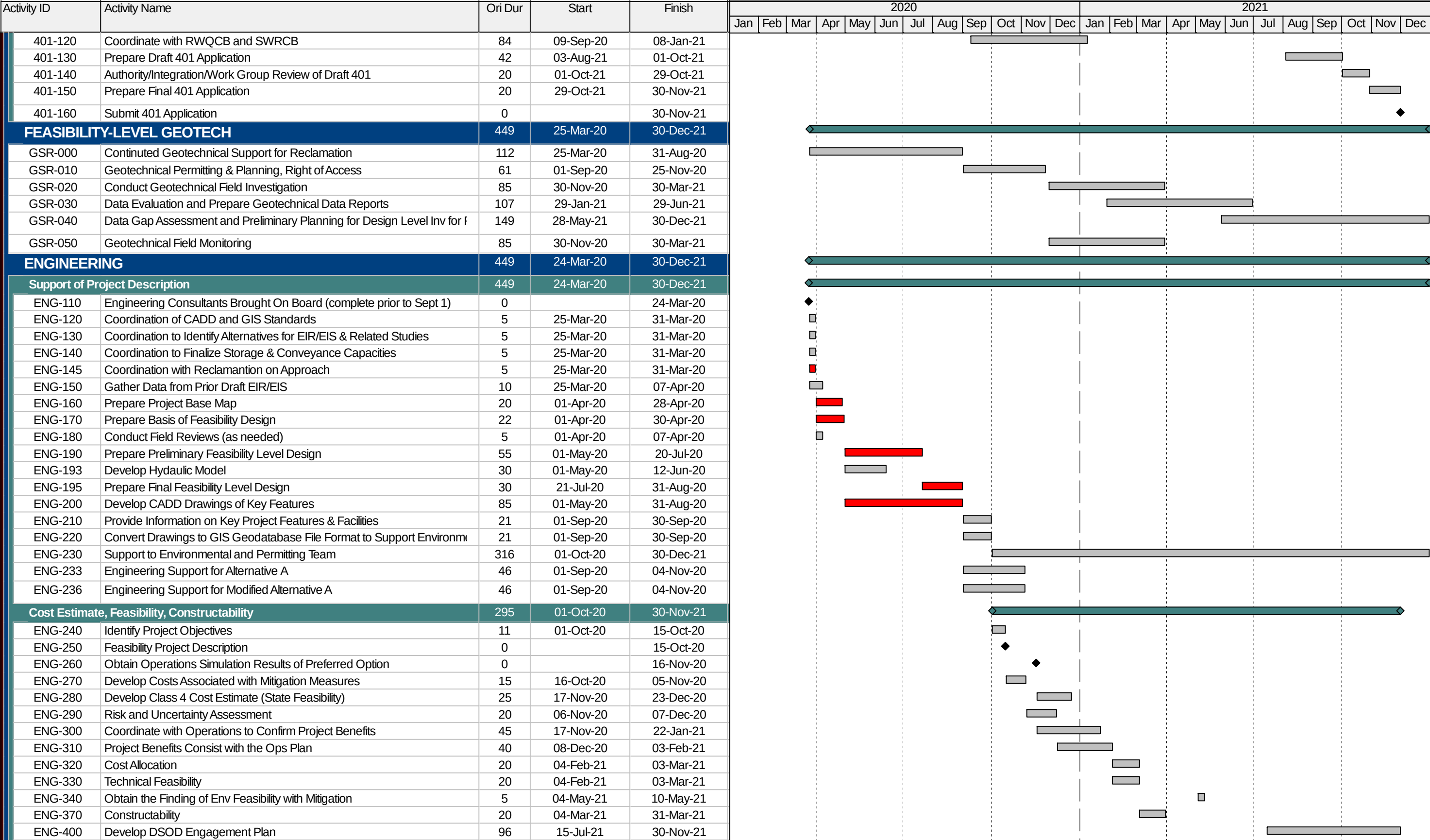
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7.1.d

Activity ID	Activity Name	Ori Dur	Start	Finish	2020												2021											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ENG-404	Coordinate on a Geotechnical Investigation Plan	96	15-Jul-21	30-Nov-21																								
ENG-406	Coordinate to Develop Geotechnical Permitting Plan	96	15-Jul-21	30-Nov-21																								
ENG-410	Develop Program Design/Construction/Permit Implementation Plan	96	15-Jul-21	30-Nov-21																								
ENG-420	Advance Preliminary Hydraulics Model	40	20-May-21	16-Jul-21																								
ENG-440	Final Hydraulics Model	23	19-Jul-21	18-Aug-21																								
Economics and Financial		20	04-Mar-21	31-Mar-21																								
Feasibility Report		20	04-Mar-21	31-Mar-21																								
ENG-350	Economic Feasibility	5	04-Mar-21	10-Mar-21																								
ENG-360	Financial Feasibility	20	04-Mar-21	31-Mar-21																								
Authority Feasibility Report		70	01-Apr-21	09-Jul-21																								
Feasibility Report		70	01-Apr-21	09-Jul-21																								
ENG-380	Prepare Draft Feasibility Report	30	01-Apr-21	12-May-21																								
ENG-382	Executive Summary (Storyboard)	5	01-Apr-21	07-Apr-21																								
ENG-384	Executive Summary Final	5	06-May-21	12-May-21																								
ENG-385	Work Group Review	5	13-May-21	19-May-21																								
ENG-390	Prepare Final Feasibility Report	30	20-May-21	01-Jul-21																								
ENG-392	Reservoir Committee and Board Approval	5	05-Jul-21	09-Jul-21																								
PROP 1		289	23-Oct-20	15-Dec-21																								
CWC Feasibility Review		180	31-Mar-21	15-Dec-21																								
CWC-391	Release for CWC Review Pkg 1: Engineering	0		09-Jul-21																								
CWC-393	Release for CWC Review Pkg 2: Economic and Finance	0		31-Mar-21																								
CWC-396	Release for CWC Review Pkg 3: Environmental with Res Ops	0		03-Dec-21																								
CWC-397	CWC Review Pkg 1: Engineering	30	12-Jul-21	20-Aug-21																								
CWC-407	CWC Review Pkg 2: Economic and Finance	30	01-Apr-21	12-May-21																								
CWC-417	CWC Review Pkg 3: Environmental with Res Ops	8	06-Dec-21	15-Dec-21																								
Revised Public Benefits		0	23-Oct-20	23-Oct-20																								
CWC-420	Provide CWC with Revised Public Benefits	0		23-Oct-20																								
CWC Review of Public Draft EIR/EIS		30	15-Jul-21	25-Aug-21																								
CWC-450	CWC Public Review Draft EIR/EIS	30	15-Jul-21	25-Aug-21																								
CWC Determination		0	15-Dec-21	15-Dec-21																								
CWC-500	State Determination of Feasibility	0		15-Dec-21*																								
PROJECT OPERATIONS AND FINANCES		509	02-Jan-20	31-Dec-21																								
REAL ESTATE		509	02-Jan-20	31-Dec-21																								
RE-200	Real Estate Landowner Coordination	171	02-Jan-20	31-Aug-20																								
RE-210	Real Estate Landowner Coordination	338	01-Sep-20	31-Dec-21																								
COMMUNICATIONS & GOVERNMENT AFFAIRS		509	02-Jan-20	31-Dec-21																								
CG-000	Communication & Government Affairs	171	02-Jan-20	31-Aug-20																								
CG-10	Communication	338	01-Sep-20	31-Dec-21																								
GS-20	Government Affairs Work Plan 2020	84	01-Sep-20	31-Dec-20																								
GS-30	Government Affairs Work Plan 2021	254	04-Jan-21	31-Dec-21																								
Organizational Assessment		255	02-Jan-20	31-Dec-20																								
ORA-000	Organizational Assessment Direction	171	02-Jan-20	31-Aug-20																								
ORA-010	Organizational Assessment	84	01-Sep-20	31-Dec-20																								
Contract Amendments		486	04-Feb-20	31-Dec-21																								
CON-010	Contract Management	338	01-Sep-20	31-Dec-21																								

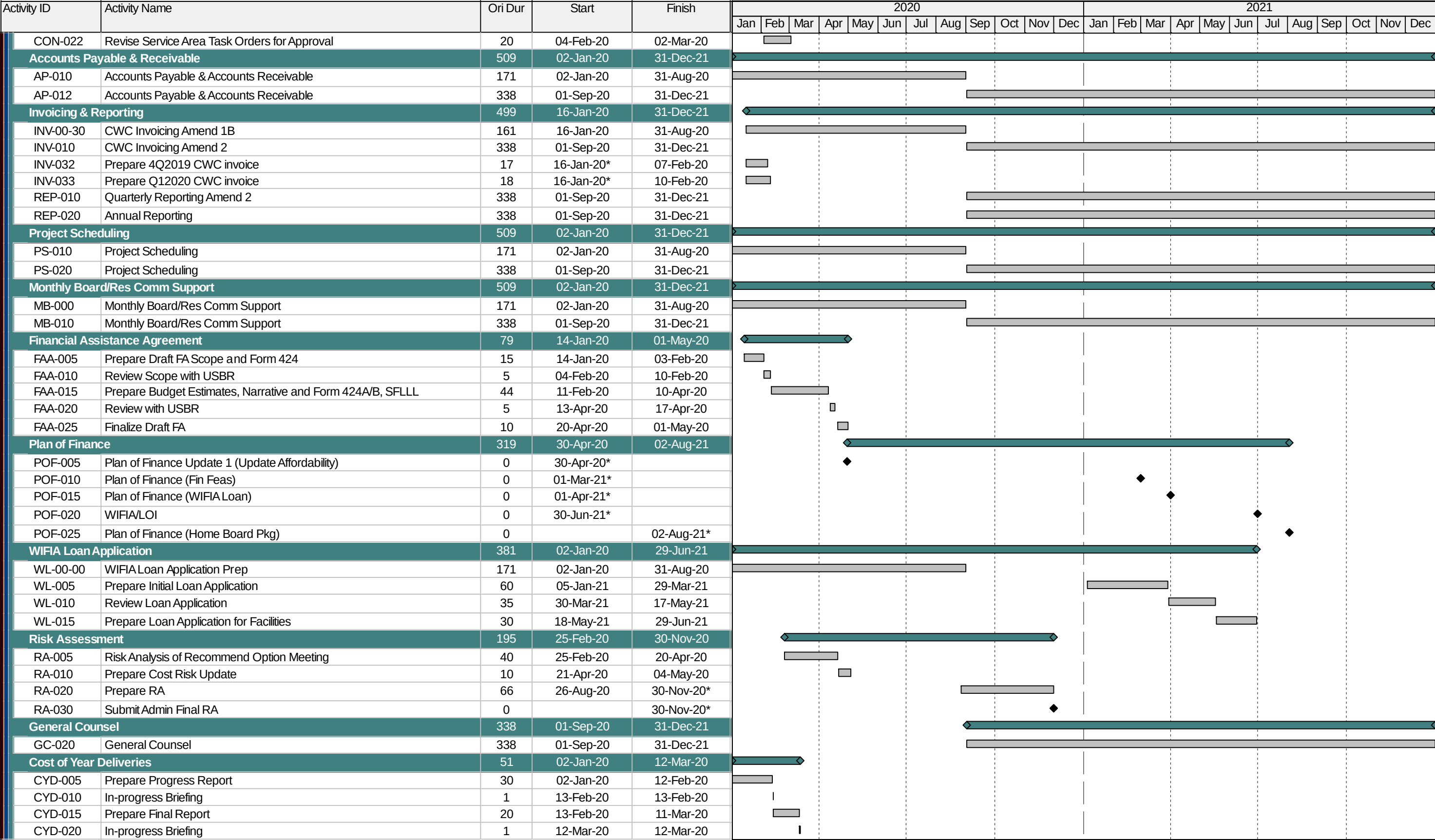
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