

## Water Storage Investment Program Quarterly Report

The Quarterly Report is intended to document applicants' progress toward complying with regulation section 6013 and receiving final WSIP funding, including any changes in the magnitude of public benefits that could affect cost allocation. Applicants must provide a summary level update of the project status for the requirements and milestones listed below. The template may be modified as necessary to effectively communicate information. If minimal activities occurred during a reporting period, the report can be condensed.

- Note any issues or concerns that have, will, or could affect milestones or requirements.
- Identify key issues, including legal issues such as lawsuits or injunctions related to the project, that need to be resolved.
- Discuss how the actual schedule is progressing in comparison to the schedule provided in the Initial Report or the last reported schedule.
- Update the project schedule as needed.
- Note any milestones or accomplishments that occurred since submittal of the prior Quarterly Report.

### **Project Information**

Project Name:

Kern Fan Groundwater Storage Project

Applicant Name:

Rosedale-Rio Bravo Water Storage District (Rosedale) and Irvine Ranch Water District (IRWD)

Date:

April 30, 2021

Reporting Period:

January 1, 2021 - March 31, 2021

### **General Update and Key Issues**

Please provide a general update and describe any key issues that occurred during this reporting period. You may attach additional documents or pages if more space is needed:

Environmental Review:

During the current reporting period, Notices of Determinations associated with the Kern Fan Project Final Environmental Impact Report (EIR) were filed in both Kern and Orange counties.

Agreements with California Department of Fish and Wildlife:

The Applicants participated in a kick-off meeting with the California Department of Fish and Wildlife (CDFW) regarding the required ecosystem benefits agreement for the project. Next steps in the development of an agreement are to review and update modeling associated with the ecosystem benefits to reflect changes in State Water Project (SWP) operations since the project was initially modeled. This work will be initiated after other modeling work on the proposed new turnout to the California Aqueduct has been completed by DWR and its consultants in cooperation with Kern County Water Agency.

## Engineering and Design:

The Applicants continued to work on technical memoranda with consultants Dee Jaspar and Associates and Zeiders Consulting. During the current reporting period, consultants completed a 95% draft of a technical memorandum describing pump station requirements for the project. The Applicants reviewed a 60% deliverable for a technical memorandum describing general requirements for geotechnical work and preparation of soils reports.

## Project Outreach:

During the current reporting period, a new Groundwater Banking Joint Powers Authority (JPA) website, KernFanProject.com went live. The JPA website includes an overview of the project, information about the EIR and WSIP grant funding, details about project benefits and an explanation of the project partnership between Applicants, IRWD and Rosedale. The website will be expanded and updated as the project progresses.

## JPA Change in Personnel:

During the current reporting period, the JPA appointed a new General Manager, Dan Bartel. Dan Bartel was previously Rosedale's District Engineer and also was appointed the new General Manager of Rosedale.

## Kern Fan Groundwater Storage Project Schedule:

### 1. Funding Agreement Milestone Schedule

Attached as Exhibit "A" is the Funding Agreement Milestone Schedule entitled "Project Schedule (CWC Table 1)". The schedule provides the milestones stipulated in the Maximum Conditional Eligibility Determination Letter dated July 27, 2018. Exhibit A has been updated to reflect changes made on Exhibit B.

### 2. Kern Fan Groundwater Storage Project Schedule

Attached as Exhibit "B" is an updated Kern Fan Project overall schedule, which includes the Commission requirements, as well as planning and project studies, environmental documentation, design, and construction. Exhibit "B" was modified to reflect a new feasibility study submittal date of Fall 2021. The project remains on track to meet Commission deadlines.

## **Items Required Prior to Scheduling a Final Award Hearing**

The following items must be provided prior to scheduling a hearing. As applicable, please describe the status, estimated completion date, and percent complete of:

### **1. Contracts for non-public cost share:**

Status: The Groundwater Banking Authority JPA agreement executed in 2020 includes a provision that IRWD and Rosedale will each fund 50% of the non-grant funded project cost. No contracts, other than the executed Joint Powers Authority Agreement between Rosedale and IRWD, are anticipated.

Estimated Completion Date: Completed July 2020

Percent Complete: 100%

### **2. Contracts for administration of public benefits:**

Status: Applicants continue to work with the CDFW and DWR on the development of contracts for administration of public benefits. No agreement with the State Water Board is anticipated for this project.

Estimated Completion Date: December 2021

Percent Complete: 50%

### **3. Completed feasibility studies:**

Status: Applicants initiated the project Feasibility Study during the third quarter of 2019. A final draft of the Feasibility Study is expected to be submitted to the CWC for review in fall of 2021.

Estimated Completion Date: Sept 2021

Percent Complete: 75%

### **4. Final environmental documentation:**

Status: The Groundwater Banking Joint Powers Authority certified the Final EIR document on December 28, 2020. There were no unmitigated significant environmental effects identified in the Draft EIR or the Final EIR.

Estimated Completion Date: Completed January 2021

Percent Complete: 100%

### **5. All required federal, state, and local approvals, certifications, and agreements:**

Status: Applicants will work with the appropriate agencies on all required federal, state and local approvals, certifications and agreements.

Estimated Completion Date: August 2024

Percent Complete: 10%

## **Items Required to Execute a Funding Agreement**

Please provide an update, as applicable, on the following documents, which are needed to execute a funding agreement for the project:

- Applicant's audited financial statements
- Final project costs, schedule, and scope of work
- Evidence of bilateral communications
- Limited waiver of sovereign immunity (see regulations section 6013(f)(8))

Updates to information provided in the Initial Report or prior Quarterly Reports are only needed when a significant change has occurred. The Commission may request submittal of updated information prior to executing a funding agreement.

No updates to information provided in prior Quarterly Reports.

## **Status Update**

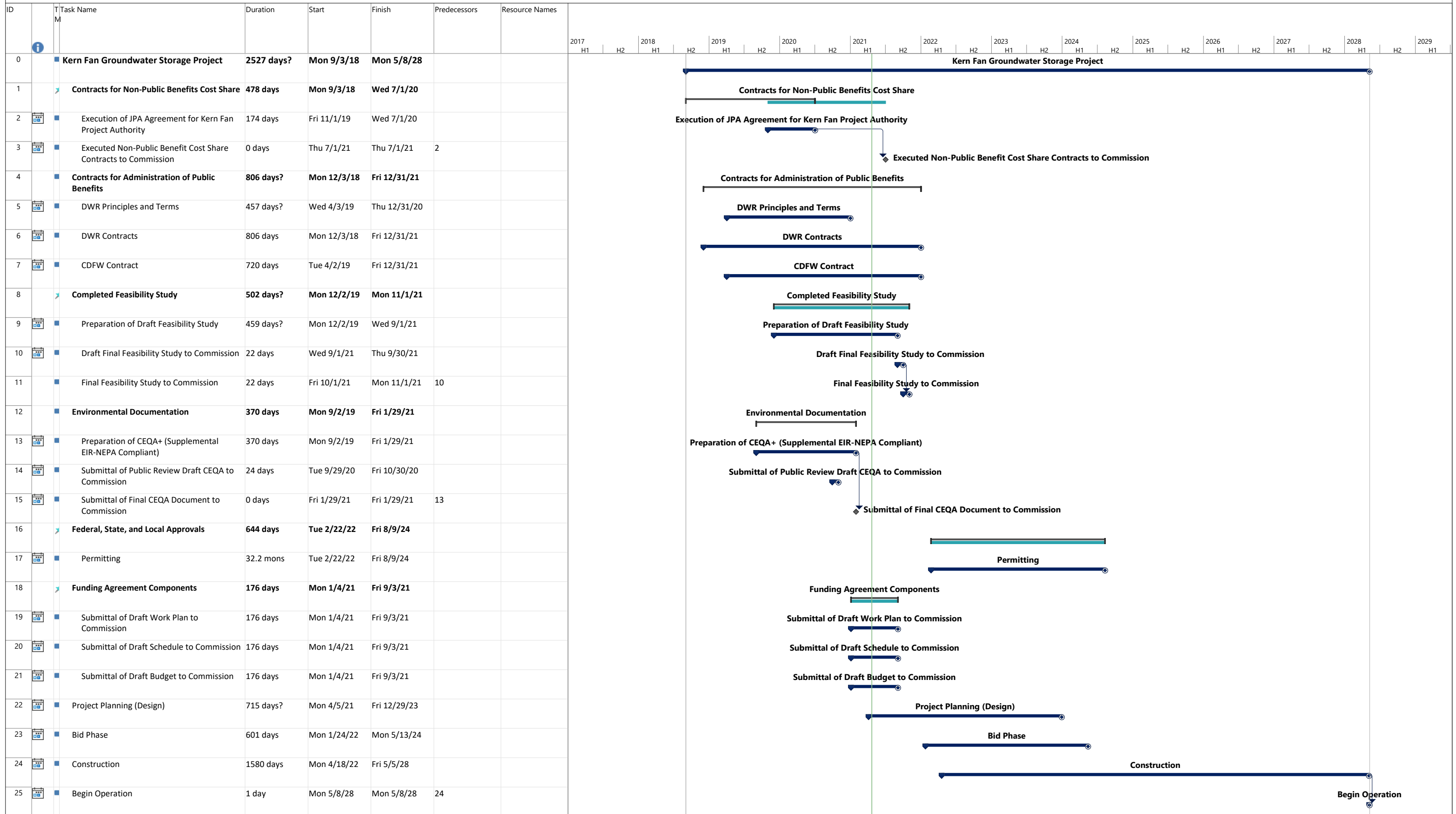
Provide a status update for the following, as applicable:

- Labor Compliance
- Urban Water Management Plans
- Agricultural Water Management Plans
- Groundwater Management or Groundwater Sustainability Plans
- Potential effect of other conditionally eligible projects on the applicant's public benefits

Updates to information provided in the Initial Report or prior Quarterly Reports are only needed when a significant change has occurred. The Commission may request submittal of updated information prior to executing a funding agreement.

No updates to information provided in prior Quarterly Reports.

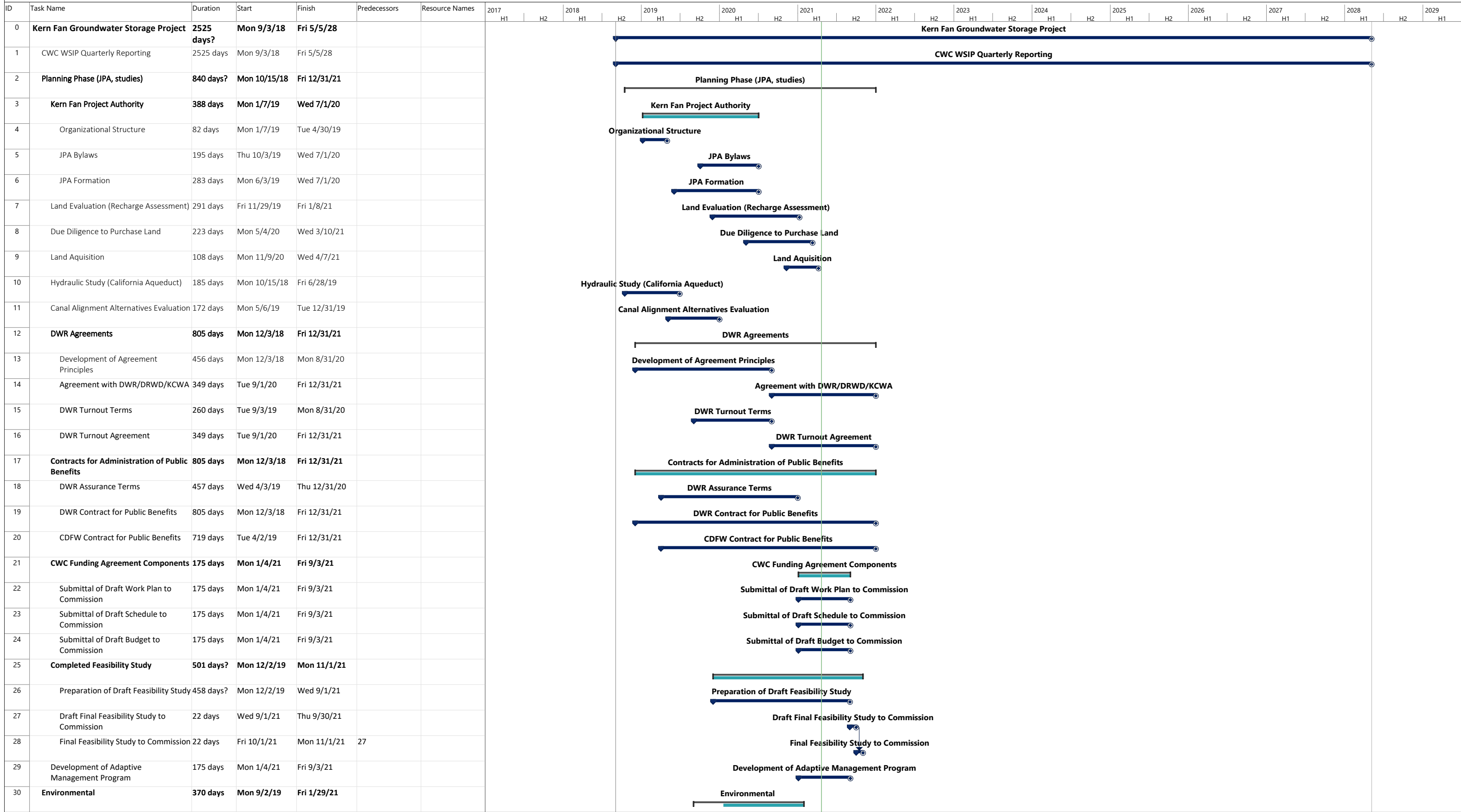
EXHIBIT "A"  
Project Schedule (CWC Table 1)



Project: Kern Fan Groundwater  
Date: Thu 4/22/21

|           |  |                 |  |                    |  |                       |  |                |  |                    |  |                 |  |
|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Task      |  | Summary         |  | Inactive Milestone |  | Duration-only         |  | Start-only     |  | External Milestone |  | Manual Progress |  |
| Split     |  | Project Summary |  | Inactive Summary   |  | Manual Summary Rollup |  | Finish-only    |  | Deadline           |  |                 |  |
| Milestone |  | Inactive Task   |  | Manual Task        |  | Manual Summary        |  | External Tasks |  | Progress           |  |                 |  |

EXHIBIT "B"  
Kern Fan Groundwater Storage Project Overall Schedule



Project: Kern Fan Groundwater  
Date: Thu 4/22/21

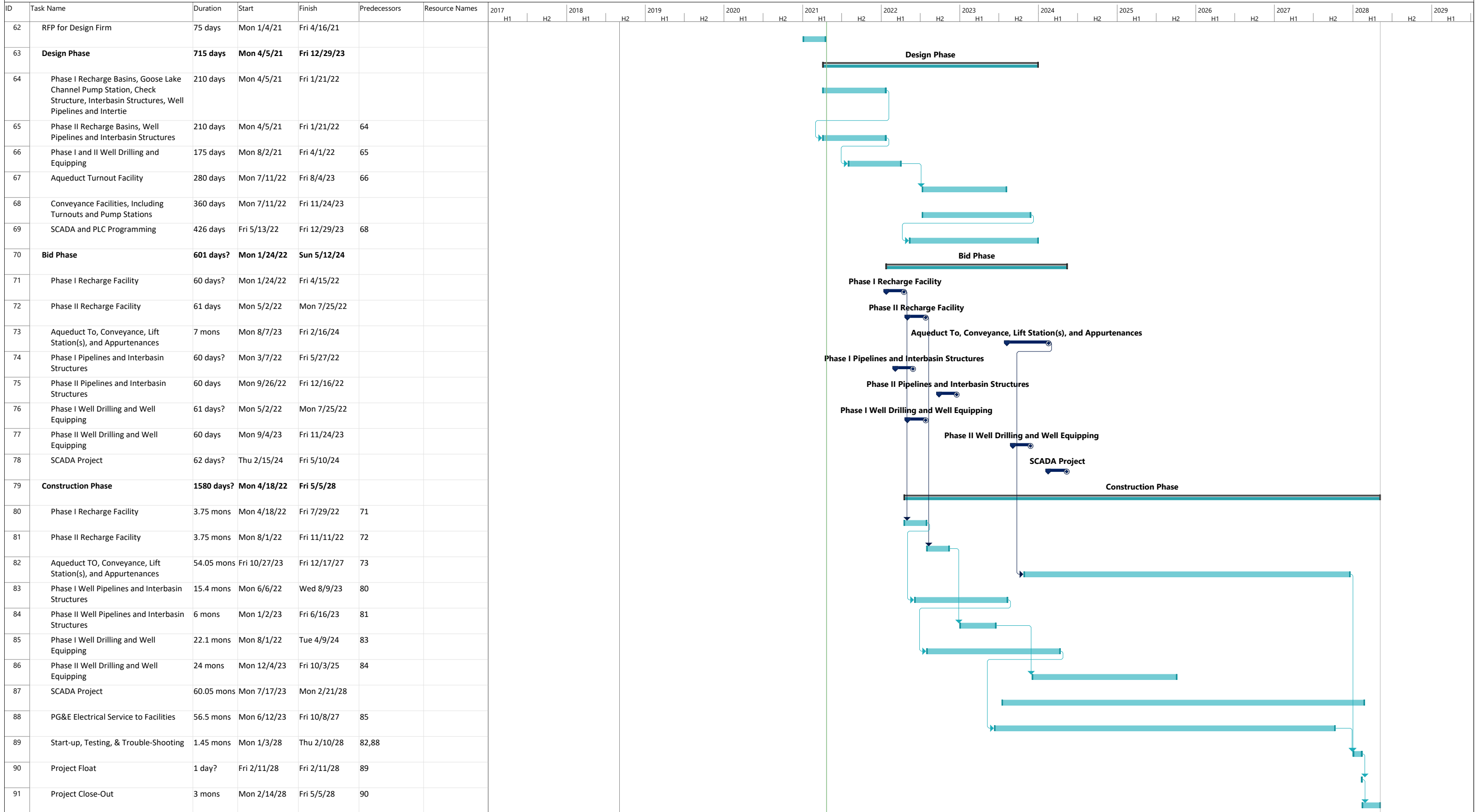
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EXHIBIT "B"  
Kern Fan Groundwater Storage Project Overall Schedule

| ID | Task Name  | Duration        | Start              | Finish             | Predecessors | Resource Names | 2017 |    | 2018 |    | 2019 |    | 2020 |    | 2021 |    | 2022 |    | 2023 |    | 2024 |    | 2025 |    | 2026 |    | 2027 |    | 2028 |    | 2029 |    |
|----|--|-----------------|--------------------|--------------------|--------------|----------------|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|
|    |  |                 |                    |                    |              |                | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 |
| 31 | Submittal of Draft Project Description                           | 0 days          | Mon 1/20/20        | Mon 1/20/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 32 | Preparation of NOP and NOC                                       | 56 days         | Tue 1/21/20        | Tue 4/7/20         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 33 | 30-day Scoping Period and Public Meeting                         | 30 days         | Mon 3/30/20        | Fri 5/8/20         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 34 | Preparation of EIR Project Description                           | 21 days         | Thu 4/23/20        | Thu 5/21/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 35 | Technical Reports  | 31 days         | Tue 5/5/20         | Tue 6/16/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 36 | Prepare Administrative Draft SEIR                                | 61 days         | Tue 5/5/20         | Tue 7/28/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 37 | Agency Review of Administrative Draft SEIR                       | 11 days         | Tue 7/28/20        | Tue 8/11/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 38 | Prepare Screencheck Draft SEIR                                   | 21 days         | Tue 8/11/20        | Tue 9/8/20         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 39 | Agency Review of Screencheck Draft SEIR                          | 11 days         | Tue 9/8/20         | Tue 9/22/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 40 | Prepare Public Draft SEIR, NOA, and NOC                          | 6 days          | Tue 9/22/20        | Tue 9/29/20        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 41 | 45-day Draft SEIR Review and Public Meeting                      | 34 days         | Tue 9/29/20        | Fri 11/13/20       |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 42 | Prepare Final SEIR and Response to Comments                      | 41 days         | Fri 11/13/20       | Fri 1/8/21         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 43 | Prepare Findings, SOC, and NOD                                   | 16 days         | Fri 1/8/21         | Fri 1/29/21        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 44 | Prepare MMRCP  | 16 days         | Fri 1/8/21         | Fri 1/29/21        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 45 | <b>Right-of-Way &amp; Easements</b>                              | <b>225 days</b> | <b>Thu 4/8/21</b>  | <b>Wed 2/16/22</b> |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 46 | Right-of-Way Evaluation & Document Review                        | 60 days         | Thu 4/8/21         | Wed 6/30/21        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 47 | Preliminary Meetings with Landowners                             | 30 days         | Tue 6/1/21         | Mon 7/12/21        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 48 | Appraisals/Valuations  | 45 days         | Wed 6/30/21        | Tue 8/31/21        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 49 | Establish Survey Control and Monumentation                       | 60 days         | Thu 7/1/21         | Wed 9/22/21        | 46           |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 50 | Prepare Permanent and Temporary Easement Plats & Descriptions    | 75 days         | Thu 9/23/21        | Wed 1/5/22         | 49           |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 51 | Executed Easements & Rights-of-Way                               | 30 days         | Thu 1/6/22         | Wed 2/16/22        | 50           |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 52 | <b>Permitting</b>  | <b>644 days</b> | <b>Tue 2/22/22</b> | <b>Fri 8/9/24</b>  |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 53 | DWR Permitting for Aqueduct TO                                   | 265 days        | Mon 8/1/22         | Fri 8/4/23         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 54 | State Parks Permitting   | 240 days        | Mon 8/1/22         | Sun 7/2/23         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 55 | Outlet Canal Crossing - Army Corp, CVFPB, Buena Vista, CDFW, DWR | 265 days        | Mon 8/1/22         | Fri 8/4/23         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 56 | Caltrans Permit - I5 Crossing                                    | 180 days        | Mon 12/4/23        | Fri 8/9/24         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 57 | Caltrans Permit - Stockdale Hwy Crossing                         | 180 days        | Mon 12/4/23        | Fri 8/9/24         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 58 | KCWA Encroachment Permit   | 180 days        | Mon 12/4/23        | Fri 8/9/24         |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 59 | County Encroachment Permit                                       | 60 days         | Mon 12/4/23        | Fri 2/23/24        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 60 | Well Drilling Permits  | 374 days        | Tue 2/22/22        | Fri 7/28/23        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| 61 | RFP for CM Firm  | 741 days        | Mon 7/19/21        | Mon 5/20/24        |              |                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |

|  |           |  |                 |  |                    |  |                       |  |                |  |                    |  |                 |
|--|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|
| Project: Kern Fan Groundwater<br>Date: Thu 4/22/21 | Task      |  | Summary         |  | Inactive Milestone |  | Duration-only         |  | Start-only     |  | External Milestone |  | Manual Progress |
|  | Split     |  | Project Summary |  | Inactive Summary   |  | Manual Summary Rollup |  | Finish-only    |  | Deadline           |  | Progress        |
|  | Milestone |  | Inactive Task   |  | Manual Task        |  | Manual Summary        |  | External Tasks |  | Progress           |  | Manual Progress |

EXHIBIT "B"  
Kern Fan Groundwater Storage Project Overall Schedule



|  |           |  |                 |  |                    |  |                       |  |                |  |                    |  |                 |
|--|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|
| Project: Kern Fan Groundwater<br>Date: Thu 4/22/21 | Task      |  | Summary         |  | Inactive Milestone |  | Duration-only         |  | Start-only     |  | External Milestone |  | Manual Progress |
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