

Water Storage Investment Program Quarterly Report Template

The Quarterly Report is intended to document the applicant's 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 Name:	Kern Fan Groundwater Storage Project		
Applicant Name:	Rosedale-Rio Bravo Water Storage District and Irvine Ranch Water District		
Date:	October 30, 2019	Reporting Period:	July 1, 2019 through September 30, 2019

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

Key Issues:

No key issues have been identified in the current reporting period.

Current Quarterly Update on Milestones and Accomplishments:

Environmental Review Consultant:

During this quarterly reporting period, project co-applicant Irvine Ranch Water District (IRWD), executed an agreement with a consulting firm to conduct environmental review for the Project.

Project Planning and Feasibility Study:

During the current reporting period, the applicants executed an agreement with a consulting firm to begin early planning and engineering work on the project design. The consultants developed a Preliminary Design Report for the Kern Fan Project that includes a Class 4 Feasibility Level Cost Estimate and preliminary design drawings. The information provided in the Preliminary Design Report will be used as a basis for the Feasibility Study required as a condition of funding.

Applicants have started to work on the Feasibility Study and expect to submit a draft to CWC staff within first quarter of 2020.

Coordination with DWR:

The Applicants, SWP Contractor Kern County Water Agency and engineering consultants met with DWR on July 26 with executive and senior management of the California Department of Water Resources (DWR) to discuss the analysis and approval of a new turnout from the California Aqueduct, as well as the development of operational agreement(s) that will be necessary to operate the Kern Fan Groundwater Storage Project. The meeting was attended by Acting Deputy Director Ted Craddock, the Chief of State Water Project Operations, the Chief of the State Water Project Analysis Office and the Chief of the Water Contracts Branch. A representative from the Kern County Water Agency also attended the meeting to support Rosedale as the SWP Contractor that will be acting on behalf of Rosedale.

The Applicants presented an overview of the Kern Fan Project as well as the work needed to evaluate the feasibility and impacts associated with a new Aqueduct turnout for the Project. The Applicants described the exchange concepts that would need to be incorporated into the operational agreement(s) for the Project. The materials presented at the meeting were well received by DWR management and they expressed their support for the project. They also expressed the need to work together to meet time constraints that have been imposed on the project by grant requirements of the California Water Commission.

A follow up meeting was held on September 20, 2019, with DWR State Water Project Operations staff, San Joaquin Field Division staff, State Water Project Analysis Office and Kern County Water Agency staff to discuss the project in more detail. The Applicants provided DWR with the CalSim II and spreadsheet models of the project, and DWR agreed to provide Aqueduct flow and Aqueduct capacity data to the applicants. The next step is to schedule a meeting between the DWR team and the Applicants to discuss real-time operations, Aqueduct capacity and Article 21 availability and to perform tabletop exercises.

Kern Fan Groundwater Storage Project Schedules:

1. Funding Agreement Milestone - Table 1: Project Schedule

The following Table 1: Project Schedule provides the milestones stipulated in the Maximum Conditional Eligibility Determination Letter dated July 27, 2018.

Table 1: Project Schedule

Kern Fan Groundwater Storage Project Funding Agreement Milestone:	Start Date	Finish Date	% Complete
Non-Public Benefit Cost Share Contracts • Estimated date for submittal of executed non-public benefit cost share contracts	Sep 2018	Jan 2020	70%
Contracts for Administration of Public Benefit • Estimated date for submittal of executed contract with Department of Fish and Wildlife (CDFW) for administration of public benefits	Jan 2020	Dec 2020	0%
• Estimated date for submittal of executed contract with Department of Water Resources (DWR) for administration of public benefits	Jan 2020	Dec 2020	0%
Completed Feasibility Study • Estimated date for submittal of the Draft Final Completed Feasibility Study	Sep 2019	Apr 2020	50%
• Estimated date for submittal of the Final Completed Feasibility Study		Mar 2020	0%
		Apr 2020	0%
Environmental Documentation (CEQA+ document to be prepared) • Estimated date for submittal of the Public Review Draft CEQA document	Sep 2019	Jan 2021	2%
• Estimated date for submittal of the Final CEQA document		Jun 2020	0%
		Sep 2020	0%
Federal, State, Local Approvals	Jan 2020	Dec 2021	0%
Funding Agreement Components: • Estimated date for submittal of draft work plan, schedule, and budget that will be used by the Commission to develop the WSIP funding agreement	Aug 2020	Feb 2021	0%
Project Planning (Design)	May 2020	Oct 2023	0%

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Construction	Apr 2021	Sep 2025	0%
Begin Operation	Sep 2025	Sep 2025	0%

Attached as Exhibit “A” is the Funding Agreement Milestone Schedule entitled “Project Schedule (CWC Table 1)” which provides more detail to the schedule in the above Table 1 for the Kern Fan Groundwater Storage Project.

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. The following changes have occurred to the Kern Fan Groundwater Storage Project schedule since the initial quarterly report in October 2018.

The Feasibility Study completion date was extended to April 2020. In addition, based on information provided in the Preliminary Design Report, the schedule for the design, bid phase, and construction phase was modified so the schedule of these categories overlap. The schedule is structured so that as soon as the Phase I design is completed, the bid phase and associated construction for Phase 1 is triggered. While Phase I is being constructed, Phase II will be undergoing design. This phased approach to the design, bid, and construction will help ensure Project completion in 2025.

There were no other substantive changes to the schedules during the reporting period ending September 30, 2019.

The original schedule anticipated project completion in Q1 of 2025. The new schedule, based on the recent Preliminary Design Report, anticipates project completion in Q3 of 2025.

Prior to scheduling a hearing, the following items must be provided:			
Description	Status	Estimated Completion Date	Percent Complete %
Contracts for non-public cost share	Applicants will each equally fund the non-public cost share. No contracts, other than a Joint Powers Authority Agreement between Rosedale and IRWD, are anticipated.	Jan 2020	70%
Contracts for administration of public benefits	Applicants will work with the Commission, CDFW and DWR on the agreements for administration of public benefits. No agreement with the State Water Board is needed for this project.	Dec 2020	0%
Completed feasibility studies	Applicants initiated the project Feasibility Study during the third quarter of 2019. A draft final version of the Feasibility Study will be submitted to the CWC for review in the first quarter of 2020.	Apr 2020	50%

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Final environmental documentation	Applicants initiated work on the environmental documentation in the third quarter of 2019. Draft CEQA documents are expected to be submitted to the CWC in second quarter 2020 and final CEQA documents to CWC in third quarter 2020.	Sep 2020	2%
All required federal, state, and local approvals, certifications, and agreements	Applicants will work with the appropriate agencies on all required federal, state and local approvals, certifications and agreements.	Dec 2021	0%

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 the 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.

Labor Compliance

No updates to information provided in prior Quarterly Reports.

Urban Water Management Plans and Agricultural Water Management Plans

No updates to information provided in prior Quarterly Reports.

Groundwater Sustainability Plans

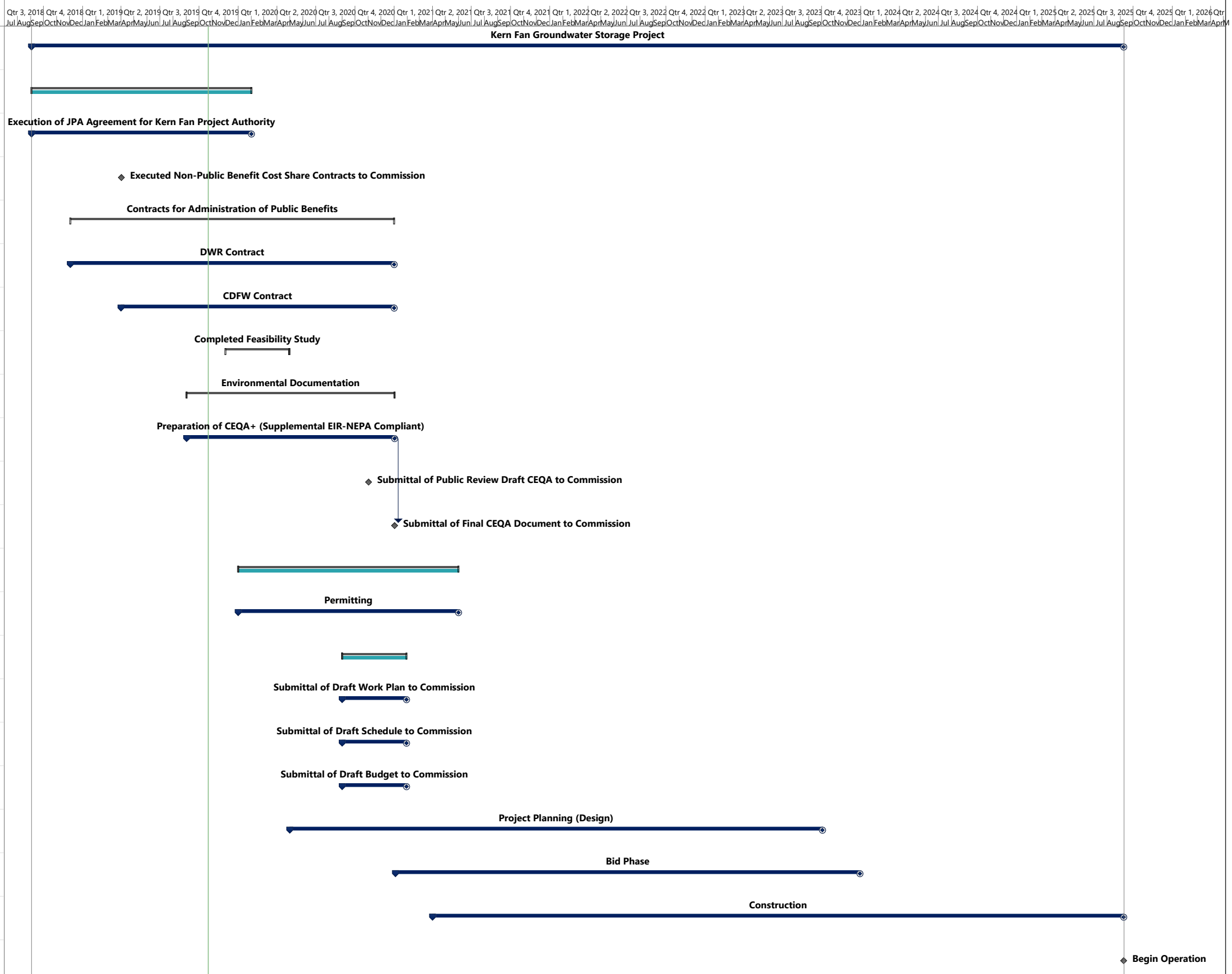
No updates to information provided in prior Quarterly Reports.

Potential Effect of Other Eligible Projects:

No updates to information provided in prior Quarterly Reports.

EXHIBIT "A"
Project Schedule (CWC Table 1)

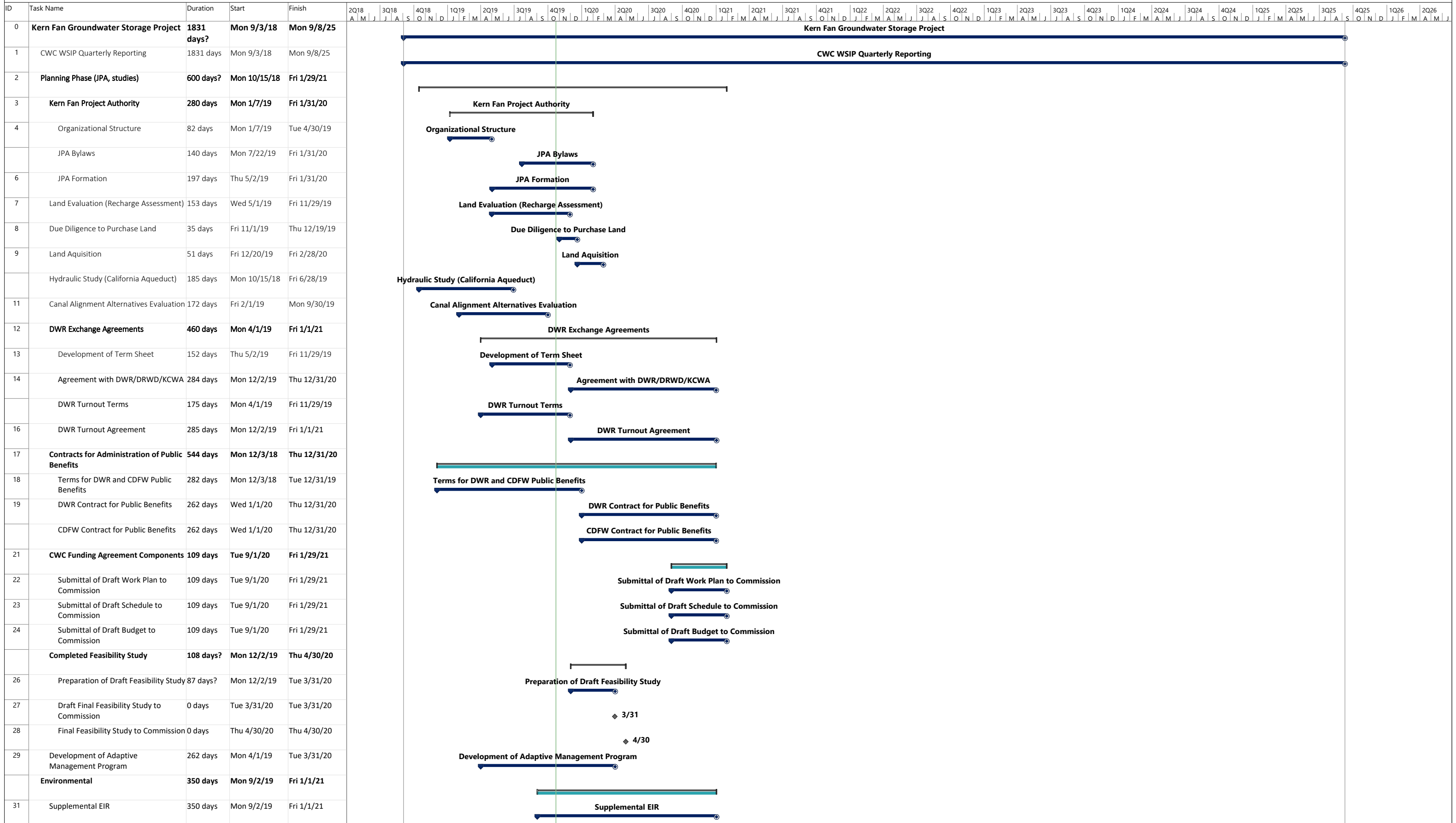
ID	Task Name	Duration	Start	Finish	Predecessors
0	Kern Fan Groundwater Storage Project	1831 days?	Mon 9/3/18	Tue 9/9/25	
1	Contracts for Non-Public Benefits Cost Share	370 days	Mon 9/3/18	Fri 1/31/20	
2	Execution of JPA Agreement for Kern Fan Project Authority	370 days	Mon 9/3/18	Fri 1/31/20	
3	Executed Non-Public Benefit Cost Share Contracts to Commission	0 days	Mon 4/1/19	Mon 4/1/19	
4	Contracts for Administration of Public Benefits	544 days	Mon 12/3/18	Thu 12/31/20	
5	DWR Contract	544 days	Mon 12/3/18	Thu 12/31/20	
6	CDFW Contract	459 days	Mon 4/1/19	Thu 12/31/20	
7	Completed Feasibility Study	108 days?	Mon 12/2/19	Thu 4/30/20	
11	Environmental Documentation	350 days	Mon 9/2/19	Fri 1/1/21	
12	Preparation of CEQA+ (Supplemental EIR-NEPA Compliant)	350 days	Mon 9/2/19	Fri 1/1/21	
13	Submittal of Public Review Draft CEQA to Commission	0 days	Mon 11/2/20	Mon 11/2/20	
14	Submittal of Final CEQA Document to Commission	0 days	Fri 1/1/21	Fri 1/1/21	12
15	Federal, State, and Local Approvals	369 days	Wed 1/1/20	Mon 5/31/21	
16	Permitting	369 days	Wed 1/1/20	Mon 5/31/21	
17	Funding Agreement Components	109 days	Tue 9/1/20	Fri 1/29/21	
18	Submittal of Draft Work Plan to Commission	109 days	Tue 9/1/20	Fri 1/29/21	
19	Submittal of Draft Schedule to Commission	109 days	Tue 9/1/20	Fri 1/29/21	
20	Submittal of Draft Budget to Commission	109 days	Tue 9/1/20	Fri 1/29/21	
21	Project Planning (Design)	892 days?	Fri 5/1/20	Mon 10/2/23	
22	Bid Phase	780 days	Mon 1/4/21	Fri 12/29/23	
23	Construction	1158 days	Thu 4/1/21	Mon 9/8/25	
24	Begin Operation	0 days	Tue 9/9/25	Tue 9/9/25	



Project: Kern Fan Groundwater
Date: Wed 10/23/19

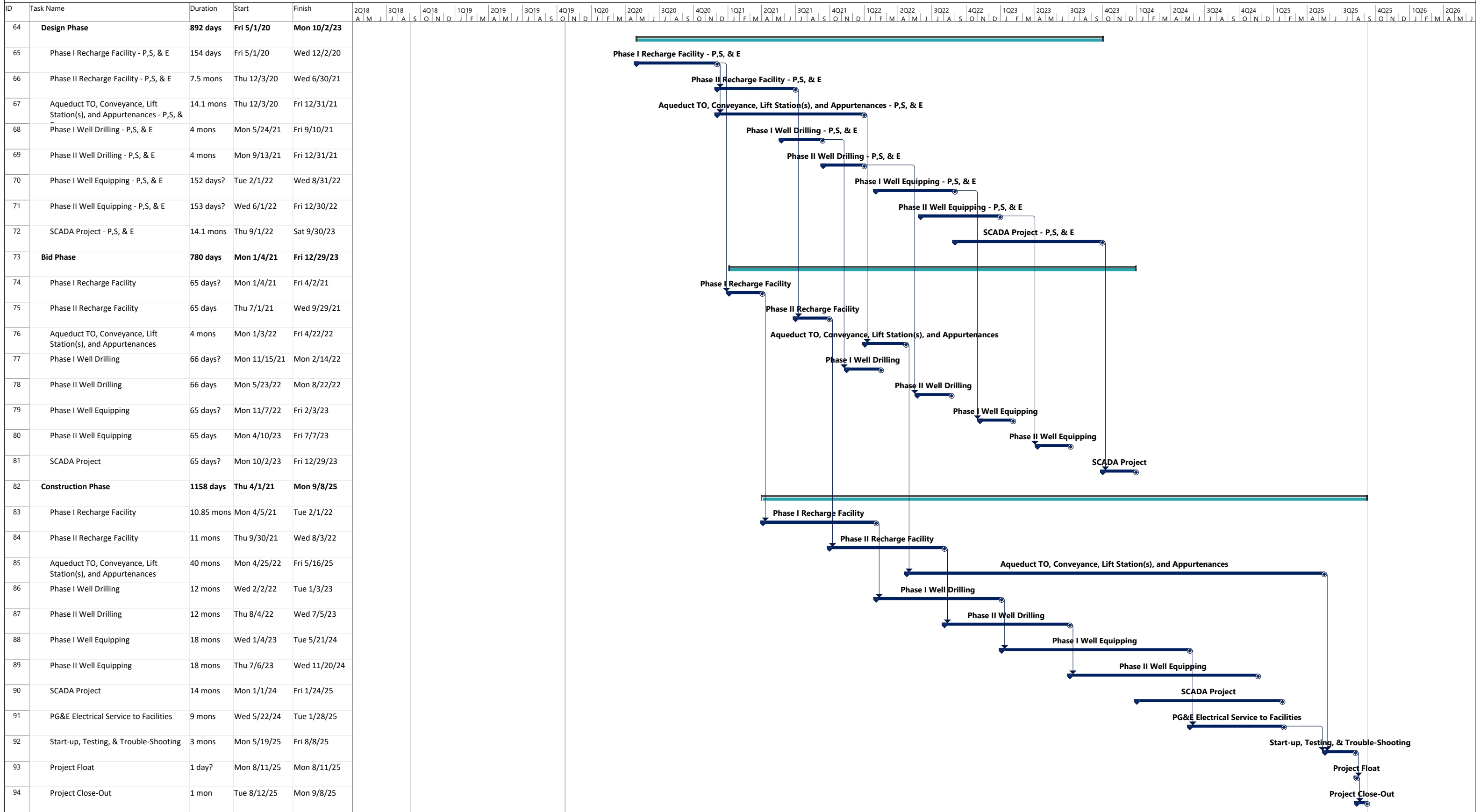
Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Manual Progress
Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	
Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Progress	

EXHIBIT "B"
Kern Fan Groundwater Storage Project Overall Schedule



Project: Kern Fan Groundwater Date: Wed 10/23/19	Task		Summary		Inactive Milestone		Duration-only		Start-only		External Milestone		Manual Progress
	Split		Project Summary		Manual Task		Manual Summary		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 Date: Wed 10/23/19	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	