

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, 2018	Reporting Period:	August 2017 through September 30, 2018 (Initial Report)

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.

Milestones and accomplishments:

During this initial reporting period, the Applicants, Rosedale-Rio Bravo Water Storage District (Rosedale) and Irvine Ranch Water District (IRWD), initiated work with legal counsel on the preparation of a Joint Powers Agreement (JPA) for the formation of the Kern Fan Project Authority. The Kern Fan Project Authority will design, construct, operate and administer the Kern Fan Groundwater Storage Project. The Kern Fan Project Authority will enter into the funding agreement with the Commission. Applicants expect the JPA Agreement for the creation of the Kern Fan Project Authority will be executed by December 2018.

Applicants initiated discussions with various consultants to perform several key studies which Applicants expect will be completed on the next two quarters, including:

1. A Hydraulic Assessment of New California Aqueduct Turnout - This study will determine the nearest location of the new proposed turnout so as not to impact the current hydraulics of those turnouts or the operations of the Kern County Cross Valley Canal. It is expected that this assessment work would begin in late October 2018 and be completed in March 2019.
2. A pre-project engineering evaluation of alignment alternatives of the proposed project canal. The study will develop alignment maps, perform preliminary level hydraulic modeling of the alignments, evaluate potential issues associated with each alignment, and provide preliminary construction cost estimates. This study is expected to begin in December 2018 and be completed in March 2019.

(Continued next page)

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3. Applicants held discussions with the environmental consultants that will prepare the Supplemental Environmental Impact Report (EIR) for the Kern Fan Project. The consultants will update and refine the project scope of work and schedule from the original application submittal. Environmental work is expected to begin in the first quarter 2019.

4. To assist Applicants in assessing land with optimal groundwater recharge properties, a geophysical investigation of the target areas will be performed which gathers subsurface data that will be incorporated into a model. This geophysical survey will provide suitable information for locating the most permeable zones and will assist with recharge basin siting and design. The Applicants intend to also contract with an agricultural appraisal firm to identify prospective target properties for testing. This work is expected to be initiated in December 2018.

Kern Fan Groundwater Storage Project Schedules:

1. Funding Agreement Milestone - Table 1: Project Schedule

As requested, the Applicants completed the following milestone table included as "Table 1: Project Schedule" from the Maximum Conditional Eligibility Determination Letter dated July 27, 2018.

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	Sept 2018	Jan. 2019	0%
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	Dec 2018	Apr 2020	0%
• Estimated date for submittal of executed contract with Department of Water Resources (DWR) for administration of public benefits	Nov 2018	Apr 2020	0%
Completed Feasibility Study			
• Estimated date for submittal of the Draft Final Completed Feasibility Study	Jan. 2019	Sept 2019	0%
• Estimated date for submittal of the Final Completed Feasibility Study		Aug. 2019	0%
		Sept 2019	0%
Environmental Documentation (CEQA+ document to be prepared)			
• Estimated date for submittal of the Public Review Draft CEQA document	Jan. 2019	July 2020	0%
• Estimated date for submittal of the Final CEQA document		April 2020	0%
		July 2020	0%
Federal, State, Local Approvals	July 2020	Jan. 2021	0%
Funding Agreement Components:			
• Estimated date for submittal of draft workplan, schedule, and budget that will be used by the Commission to develop the WSIP funding agreement	Aug 2020	Jan. 2021	0%
Project Planning (Design)	Jan. 2019	Jan. 2021	0%
Construction	Sept 2021	Mar 2025	0%
Begin Operation	Apr 2025	Apr 2025	0%

Attached as Exhibit "A" is a copy of the Funding Agreement Milestone Schedule entitled "Project Schedule (CWC Table 1) which reflects this 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. Several changes have occurred to the Kern Fan Groundwater Storage Project schedule since it was originally proposed in August 2017 as part of the application for WSIP funding.

Originally, the schedule was anticipated to begin in January 2019 with land acquisition and engineering and design as the initial tasks. In the most current iteration of the project schedule, an additional planning phase task has been included that precedes the initiation of design activities. The planning phase began in September 2018 and includes additional subtasks related to formation of a joint powers authority between Rosedale and IRWD, land evaluation and recharge assessment, California Aqueduct hydraulic study, and development of contracts related to administration of public benefits. The original schedule anticipated project completion in Q1 of 2025, which is still an accurate estimate of completion and is included in the current version of the schedule.

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 2019	0%
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.	April 2020	0%
Completed feasibility studies	Applicants anticipate initiating the project Feasibility Study during the first quarter of 2019. A draft final version of the Feasibility Study will be submitted to the CWC for review in the third quarter of 2019.	Sept 2019	0%
Final environmental documentation	Applicants anticipate initiating work on the environmental documentation in the first 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.	July 2020	0%
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.	Jan 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.

Applicants anticipate having all required documents related to the funding agreement requirements available by first quarter 2021.

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 an funding agreement.

See attached "Status Update" for information provided on the items in this section.

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

Labor Compliance

Applicants will comply with all provisions of the Labor Code regarding prevailing wages and shall monitor all contracts subject to reimbursement by WSIP to assure that the prevailing wage provisions of the Labor Code are being met. Labor Compliance work will be completed during project construction (initiating in third quarter 2021).

Urban Water Management Plans and Agricultural Water Management Plans

The Kern Fan Groundwater Storage Project is a joint project between Rosedale and IRWD. Rosedale is an independent special district under the provisions of the California Water Storage District Law and therefore is not required to complete an Agricultural or Urban Water Management Plan. IRWD is an urban water supplier as defined in section 6001 of the program Regulations. IRWD submitted an Urban Water Management Plan on June 30, 2016. IRWD received confirmation on August 31, 2016 that the Urban Water Management Plan was received and reviewed by the Department of Water Resources and that it fully addresses the requirements of Water Code section 10608.56. IRWD will meet all on-going compliance, including the 2020 UWMP update requirements along with DWR review and acceptance thereof.

Groundwater Sustainability Plans

The Kern Fan Groundwater Storage Project is located within the Rosedale-Rio Bravo Water Storage District that overlies a part of the Kern County Groundwater Sub-basin. In response to the Sustainable Groundwater Management Act (SGMA), Rosedale and other local agencies formed a groundwater sustainability agency (GSA) called the Kern Groundwater Authority (KGA). Progress related to the Project's compliance with SGMA include:

- The KGA formed a GSA in April 2017.
- The KGA posted a notice with the Department of Water Resources (DWR) on May 30, 2017 that included a description of the local agencies' water supply and water management or land use responsibilities within the groundwater basin.
- The KGA began developing a Groundwater Sustainability Plan (GSP) with measurable objectives and milestones to ensure basin sustainability. Major activities undertaken in calendar year 2018 have focused on the technical development of the GSP, and working with the KGA Board of Directors, KGA Coordination Committee and primary stakeholders for feedback and input.
- A draft GSP is scheduled to be completed in the first quarter of 2019. Following a series of outreach meetings to solicit comments, a final GSP will be submitted to DWR by January 21, 2020.

Potential Effect of Other Eligible Projects:

Applicants do not anticipate any potential effects from other conditionally eligible projects on the public benefits included in the Kern Fan Project analysis. Applicants acknowledge that it may be helpful to coordinate with other similar projects on the Adaptive Management and monitoring of the projects ecosystem benefits.

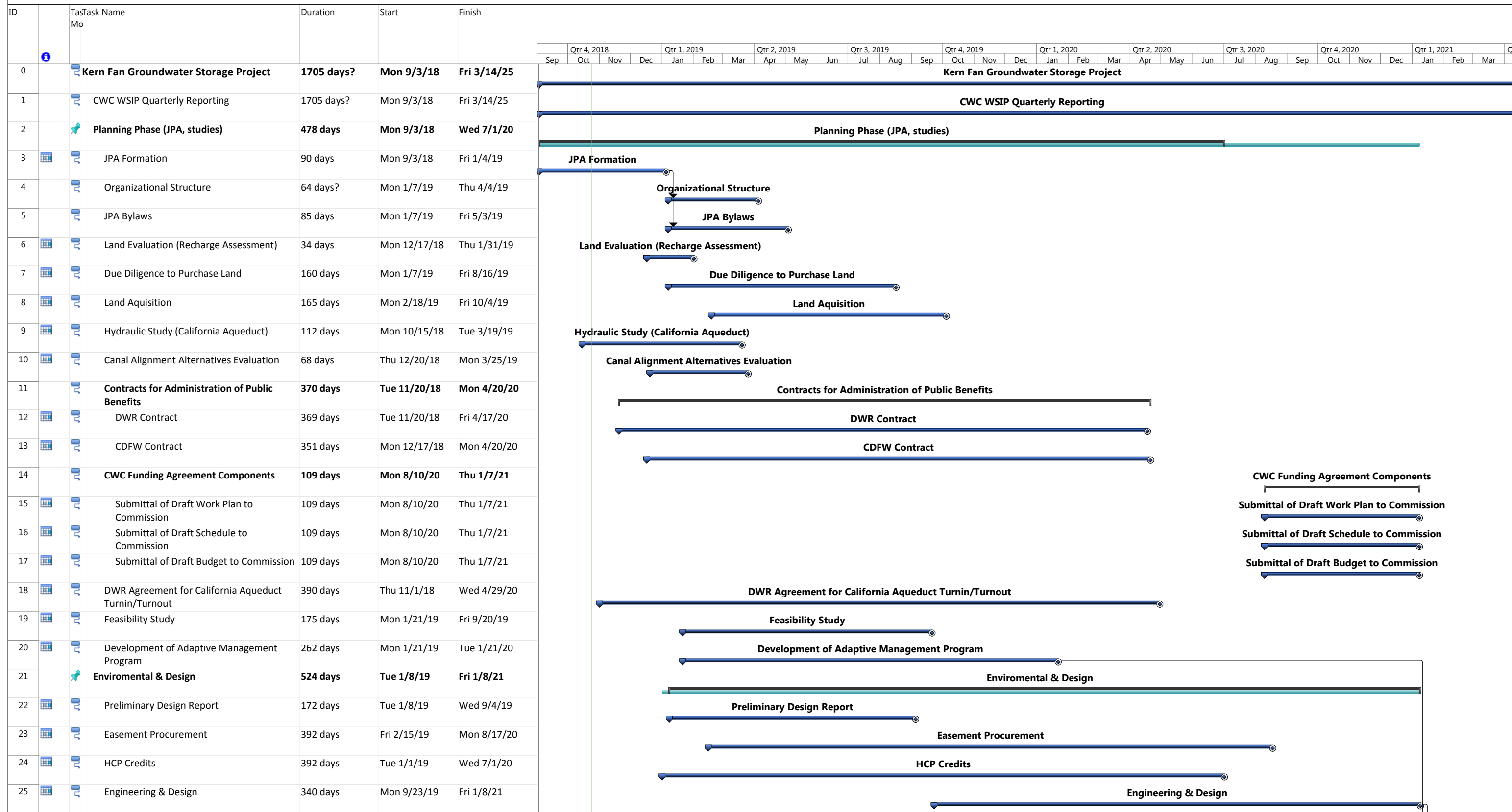
EXHIBIT "A"
Project Schedule (CWC Table 1)

ID	Task Name	Duration	Start	Finish	
0	Kern Fan Groundwater Storage Project	1725 days?	Mon 9/3/18	Mon 4/14/25	Kern Fan Groundwater Storage Project
1	Contracts for Non-Public Benefits Cost Share	90 days	Mon 9/3/18	Fri 1/4/19	
2	Execution of JPA Agreement for Kern Fan Project Authority	90 days	Mon 9/3/18	Fri 1/4/19	Execution of JPA Agreement for Kern Fan Project Authority
3	Contracts for Administration of Public Benefits	370 days	Tue 11/20/18	Mon 4/20/20	Contracts for Administration of Public Benefits
4	DWR Contract	369 days	Tue 11/20/18	Fri 4/17/20	DWR Contract
5	CDFW Contract	351 days	Mon 12/17/18	Mon 4/20/20	CDFW Contract
6	Completed Feasibility Study	174 days?	Mon 1/21/19	Fri 9/20/19	Completed Feasibility Study
7	Preparation of Draft Feasibility Study	147 days?	Mon 1/21/19	Tue 8/13/19	Preparation of Draft Feasibility Study
8	Draft Final Feasibility Study to Commission	0 days	Tue 8/27/19	Tue 8/27/19	^ Draft Final Feasibility Study to Commission
9	Final Feasibility Study to Commission	0 days	Fri 9/20/19	Fri 9/20/19	^ Final Feasibility Study to Commission
10	Environmental Documentation	399 days	Tue 1/15/19	Mon 7/27/20	Environmental Documentation
11	Preparation of CEQA (Supplemental EIR-NEPA Compliant)	393 days	Tue 1/15/19	Thu 7/16/20	Preparation of CEQA (Supplemental EIR-NEPA Compliant)
12	Submittal of Public Review Draft CEQA to Commission	0 days	Wed 4/1/20	Wed 4/1/20	◆ Submittal of Public Review Draft CEQA to Commission
13	Submittal of Final CEQA Document to Commission	0 days	Mon 7/27/20	Mon 7/27/20	◆ Submittal of Final CEQA Document to Commission
14	Federal, State, and Local Approvals	120 days	Mon 7/27/20	Fri 1/8/21	Federal, State, and Local Approvals
15	Permitting	6 mons	Mon 7/27/20	Fri 1/8/21	Permitting
16	Funding Agreement Components	109 days	Mon 8/10/20	Thu 1/7/21	Funding Agreement Components
17	Submittal of Draft Work Plan to Commission	109 days	Mon 8/10/20	Thu 1/7/21	Submittal of Draft Work Plan to Commission
18	Submittal of Draft Schedule to Commission	109 days	Mon 8/10/20	Thu 1/7/21	Submittal of Draft Schedule to Commission
19	Submittal of Draft Budget to Commission	109 days	Mon 8/10/20	Thu 1/7/21	Submittal of Draft Budget to Commission
20	Project Planning (Design)	524 days	Tue 1/8/19	Fri 1/8/21	Project Planning (Design)
21	Bid Phase	180 days	Mon 1/11/21	Fri 9/17/21	Bid Phase
22	Construction	908 days	Wed 9/22/21	Fri 3/14/25	Construction
23	Begin Operation	0 days	Mon 4/14/25	Mon 4/14/25	Begin Operation

Project: Kern Fan Groundwater
Date: Wed 10/24/18

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 GW Storage Project Overall Schedule



Project: Kern Fan Groundwater Date: Wed 10/24/18	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		

EXHIBIT "B"
Kern Fan GW Storage Project Overall Schedule

ID	Task Name	Duration	Start	Finish	Timeline																																			
					Qtr 4, 2018				Qtr 1, 2019			Qtr 2, 2019			Qtr 3, 2019			Qtr 4, 2019				Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021						
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar					
26	Preparation of Environmental CEQA (Supplemental EIR)	393 days	Tue 1/15/19	Thu 7/16/20																																				
27	Submittal of Public Review Draft CEQA to CWC	1 day?	Wed 4/1/20	Wed 4/1/20																																				
28	45-Day Draft CEQA Review and Public Meeting	45 days	Mon 4/27/20	Fri 6/26/20																																				
29	Prepare Final CEQA Document	22 days	Fri 6/26/20	Mon 7/27/20																																				
30	Permitting	6 mons	Mon 7/27/20	Fri 1/8/21																																				
31	Bid Phase	180 days	Mon 1/11/21	Fri 9/17/21																																				
36	Construction	908 days	Wed 9/22/21	Fri 3/14/25																																				

Project: Kern Fan Groundwater
 Date: Wed 10/24/18

	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		Progress

EXHIBIT "B"
Kern Fan GW Storage Project Overall Schedule

Qtr 2, 2021			Qtr 3, 2021			Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022			Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024			Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025		
Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar

Kern Fan Groundwater Storage Project

CWC WSIP Quarterly Reporting

Project: Kern Fan Groundwater
Date: Wed 10/24/18

	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 GW Storage Project Overall Schedule

Qtr 2, 2021			Qtr 3, 2021			Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022			Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024			Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025		
Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar



Project: Kern Fan Groundwater
Date: Wed 10/24/18

	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		Progress