

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 and Irvine Ranch Water District

Date:

October 31, 2020

Reporting Period:

July 1, 2020 - September 30, 2020

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, the environmental consultants completed the technical studies which will be included in the Environmental Impact Report and submitted the Administrative Draft Environmental Impact Report to the Applicants for review. During the next reporting period, the Applicants expect to release the Draft EIR for public review and have the EIR certified by the JPA by the end of the year.

Joint Powers Authority Agreement:

During the current reporting period, the Groundwater Banking Joint Powers Authority (JPA) forms were filed with the Secretary of State and the State Controller. Letters were mailed to the Local Agency Formation Commissions of Kern County and Orange County to notify them of the formation of the JPA. The first Board meeting of the JPA was held on August 25 where the Board President, Vice President, and Treasurer were

elected. The Executive Director of the Authority and the Authority's interim legal counsel were also appointed. During the current reporting period, the JPA Finance Committee also held its first meeting where the draft financial policies and proposed Fiscal Year 2021-21 budget were reviewed and approved.

Engineering and Design:

During the current reporting period, the Applicants completed outlines for 11 technical memoranda that will guide the design and value engineering of various aspects of the project. Design consultants Dee Jaspar and Associates and Zeiders Consulting prepared the following two draft technical memoranda: 1) project phasing and design and contractor selection, and 2) conveyance capacity requirements.

Kern Fan Groundwater Storage Project Schedules:

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.

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.

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: 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.

Estimated Completion Date: July 2020

Percent Complete: 100%

2. Contracts for administration of public benefits:

Status: 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 anticipated for this project.

Estimated Completion Date: December 2021

Percent Complete: 40%

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 the first quarter of 2021.

Estimated Completion Date: January 2021

Percent Complete: 50%

4. Final environmental documentation:

Status: Applicants initiated work on the environmental documentation in the third quarter of 2019. Draft CEQA documents were submitted to the CWC in third quarter 2020 and final CEQA documents to will be submitted to the CWC in first quarter of 2021.

Estimated Completion Date: January 2021

Percent Complete: 75%

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: December 2021

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 Quartely 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)

ID	Task Name	Duration	Start	Finish	Timeline																							
					2018 H1	H2	2019 H1	H2	2020 H1	H2	2021 H1	H2	2022 H1	H2	2023 H1	H2	2024 H1	H2	2025 H1	H2	2026 H1							
0	Kern Fan Groundwater Storage Project	1903 days?	Mon 9/3/18	Tue 12/16/25	Kern Fan Groundwater Storage Project																							
1	Contracts for Non-Public Benefits Cost Share	478 days	Mon 9/3/18	Wed 7/1/20	Contracts for Non-Public Benefits Cost Share																							
2	Execution of JPA Agreement for Kern Fan Project Authority	174 days	Fri 11/1/19	Wed 7/1/20	Execution of JPA Agreement for Kern Fan Project Authority																							
3	Executed Non-Public Benefit Cost Share Contracts to Commission	0 days	Thu 7/1/21	Thu 7/1/21	Executed Non-Public Benefit Cost Share Contracts to Commission																							
4	Contracts for Administration of Public Benefits	806 days?	Mon 12/3/18	Fri 12/31/21	Contracts for Administration of Public Benefits																							
5	DWR Principles and Terms	806 days?	Mon 12/3/18	Fri 12/31/21	DWR Principles and Terms																							
6	DWR Contracts	806 days	Mon 12/3/18	Fri 12/31/21	DWR Contracts																							
7	CDFW Contract	720 days	Tue 4/2/19	Fri 12/31/21	CDFW Contract																							
8	Completed Feasibility Study	305 days?	Mon 12/2/19	Fri 1/29/21	Completed Feasibility Study																							
9	Preparation of Draft Feasibility Study	414 days?	Mon 12/2/19	Wed 6/30/21	Preparation of Draft Feasibility Study																							
10	Draft Final Feasibility Study to Commission	153 days	Tue 12/1/20	Wed 6/30/21	Draft Final Feasibility Study to Commission																							
11	Final Feasibility Study to Commission	132 days	Fri 1/29/21	Fri 7/30/21	Final Feasibility Study to Commission																							
12	Environmental Documentation	370 days	Mon 9/2/19	Fri 1/29/21	Environmental Documentation																							
13	Preparation of CEQA+ (Supplemental EIR-NEPA Compliant)	370 days	Mon 9/2/19	Fri 1/29/21	Preparation of CEQA+ (Supplemental EIR-NEPA Compliant)																							
14	Submittal of Public Review Draft CEQA to Commission	24 days	Tue 9/29/20	Fri 10/30/20	Submittal of Public Review Draft CEQA to Commission																							
15	Submittal of Final CEQA Document to Commission	0 days	Fri 1/29/21	Fri 1/29/21	Submittal of Final CEQA Document to Commission																							
16	Federal, State, and Local Approvals	827 days	Wed 4/1/20	Wed 5/31/23	Federal, State, and Local Approvals																							
17	Permitting	41.35 mons	Wed 4/1/20	Wed 5/31/23	Permitting																							

Project: Kern Fan Groundwater Date: Wed 10/21/20	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

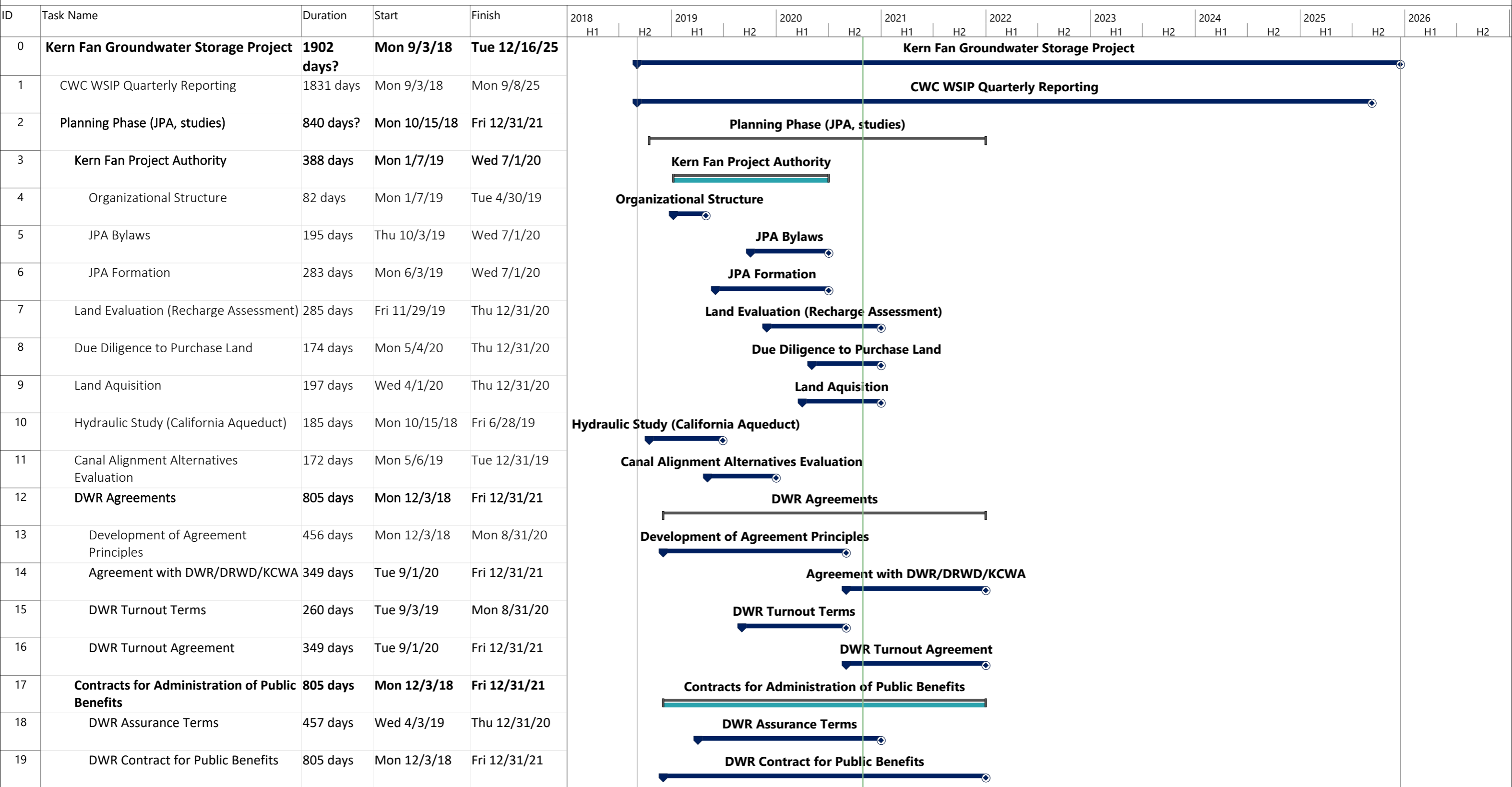
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Project Schedule (CWC Table 1)

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					2018 H1	H2	2019 H1	H2	2020 H1	H2	2021 H1	H2	2022 H1	H2	2023 H1	H2	2024 H1	H2	2025 H1	H2	2026 H1							
18	Funding Agreement Components	111 days	Tue 9/1/20	Mon 2/1/21																								
19	Submittal of Draft Work Plan to Commission	23 days	Wed 6/30/21	Fri 7/30/21																								
20	Submittal of Draft Schedule to Commission	109 days	Tue 9/1/20	Fri 1/29/21																								
21	Submittal of Draft Budget to Commission	109 days	Tue 9/1/20	Fri 1/29/21																								
22	Project Planning (Design)	1066 days?	Mon 12/2/19	Fri 12/29/23																								
23	Bid Phase	975 days	Mon 4/5/21	Fri 12/27/24																								
24	Construction	1054 days	Wed 12/1/21	Mon 12/15/25																								
25	Begin Operation	1 day	Tue 12/16/25	Tue 12/16/25																								

Project: Kern Fan Groundwater Date: Wed 10/21/20	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

EXHIBIT "B"

Kern Fan Groundwater Storage Project Overall Schedule



Project: Kern Fan Groundwater Date: Thu 10/29/20	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

EXHIBIT "B"

Kern Fan Groundwater Storage Project Overall Schedule

ID	Task Name	Duration	Start	Finish	2018		2019		2020		2021		2022		2023		2024		2025		2026					
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2				
20	CDFW Contract for Public Benefits	719 days	Tue 4/2/19	Fri 12/31/21																						
21	CWC Funding Agreement Components	109 days	Tue 9/1/20	Fri 1/29/21																						
22	Submittal of Draft Work Plan to Commission	109 days	Mon 1/4/21	Thu 6/3/21																						
23	Submittal of Draft Schedule to Commission	109 days	Mon 1/4/21	Thu 6/3/21																						
24	Submittal of Draft Budget to Commission	109 days	Mon 1/4/21	Thu 6/3/21																						
25	Completed Feasibility Study	435 days?	Mon 12/2/19	Fri 7/30/21																						
26	Preparation of Draft Feasibility Study	413 days?	Mon 12/2/19	Wed 6/30/21																						
27	Draft Final Feasibility Study to Commission	152 days	Tue 12/1/20	Wed 6/30/21																						
28	Final Feasibility Study to Commission	131 days	Fri 1/29/21	Fri 7/30/21																						
29	Development of Adaptive Management Program	480 days	Mon 4/1/19	Fri 1/29/21																						
30	Environmental	370 days	Mon 9/2/19	Fri 1/29/21																						
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																						

Project: Kern Fan Groundwater
Date: Thu 10/29/20

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

Kern Fan Groundwater Storage Project Overall Schedule

ID	Task Name	Duration	Start	Finish	2018		2019		2020		2021		2022		2023		2024		2025		2026					
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2				
40	Pepare 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	Right-of-Way & Easements	225 days	Wed 4/1/20	Tue 2/9/21																						
46	Right-of-Way Evaluation & Document Review	60 days	Wed 4/1/20	Tue 6/23/20																						
47	Preliminary Meetings with Landowners	30 days	Mon 6/1/20	Fri 7/10/20																						
48	Appraisals/Valuations	45 days	Tue 6/30/20	Mon 8/31/20																						
49	Establish Survey Control and Monumentation	60 days	Wed 6/24/20	Tue 9/15/20																						
50	Prepare Permanent and Temporary Easement Plats & Descriptions	75 days	Wed 9/16/20	Tue 12/29/20																						
51	Executed Easements & Rights-of-Way	30 days	Wed 12/30/20	Tue 2/9/21																						
52	Permitting	304 days	Wed 4/1/20	Mon 5/31/21																						
53	DWR Permitting for Aqueduct TO	265 days	Wed 4/1/20	Tue 4/6/21																						
54	State Parks Permitting	240 days	Wed 4/1/20	Tue 3/2/21																						
55	Outlet Canal Crossing - Army Corp, CVFPB, Buena Vista, CDFW, DWR	240 days	Wed 4/1/20	Tue 3/2/21																						
56	Caltrans Permit - I5 Crossing	180 days	Fri 4/24/20	Thu 12/31/20																						
57	Caltrans Permit - Stockdale Hwy Crossing	180 days	Fri 4/24/20	Thu 12/31/20																						
58	KCWA Encroachment Permit	180 days	Fri 4/24/20	Thu 12/31/20																						
59	County Encroachment Permit	60 days	Fri 10/9/20	Thu 12/31/20																						

Project: Kern Fan Groundwater Date: Thu 10/29/20	Task		Project Summary		Manual Task		Start-only		Deadline	
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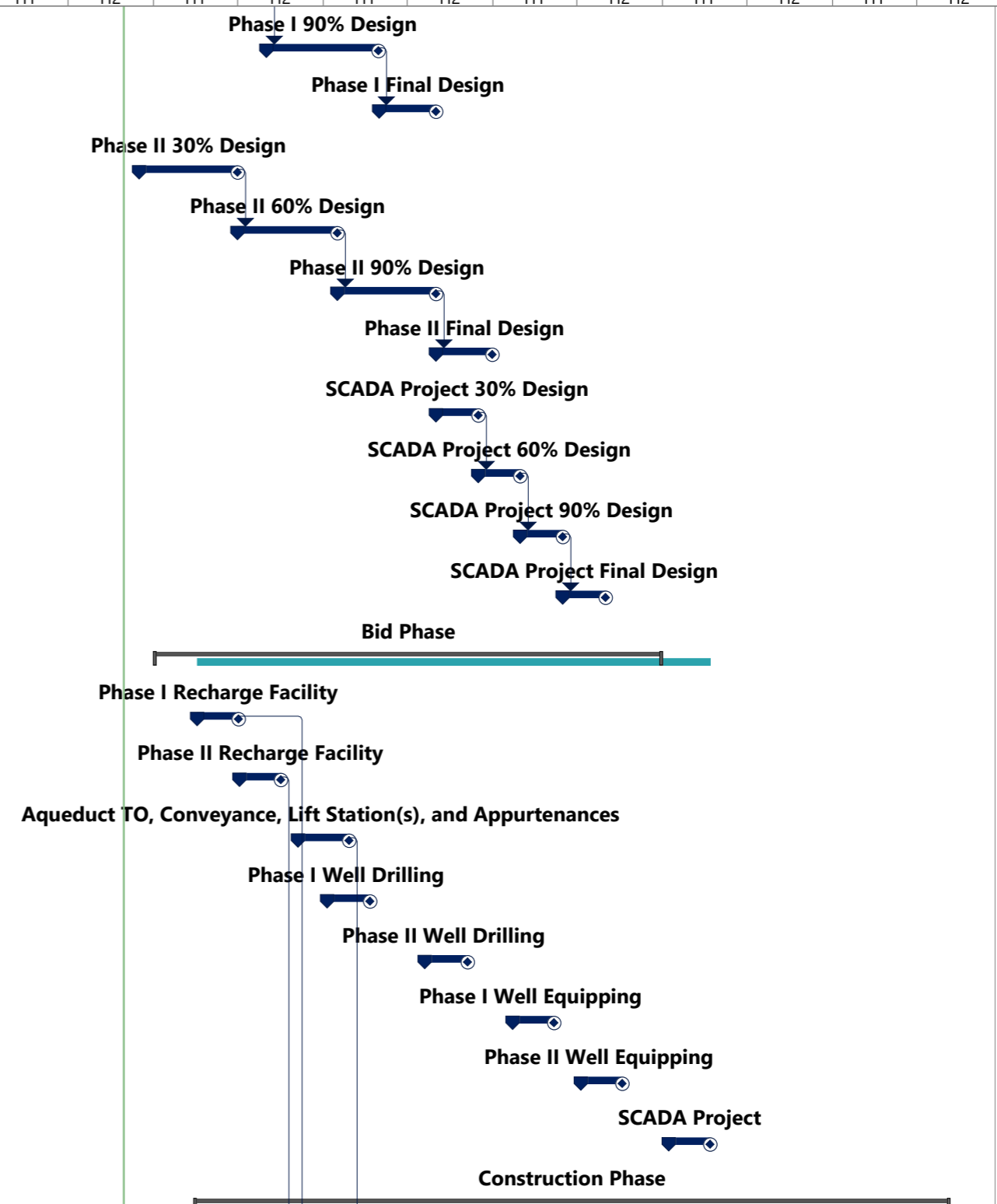
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Kern Fan Groundwater Storage Project Overall Schedule

ID	Task Name	Duration	Start	Finish	2018		2019		2020		2021		2022		2023		2024		2025		2026	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
60	Well Drilling Permits	60 days	Tue 3/9/21	Mon 5/31/21																		
61	RFP for Project Surveying	264 days	Mon 2/3/20	Thu 2/4/21																		
62	RFP Preparation	20 days	Mon 2/3/20	Fri 2/28/20																		
63	RFP Interviews	20 days	Mon 3/2/20	Fri 3/27/20																		
64	Survey Firm Selection	10 days	Mon 3/30/20	Fri 4/10/20																		
65	Agreement Execution	15 days	Mon 4/13/20	Fri 5/1/20																		
66	Topographic Surveying	198 days	Mon 5/4/20	Wed 2/3/21																		
67	RFP for CM Firm	96 days	Mon 9/21/20	Mon 2/1/21																		
68	RFP Preparation	40 days	Mon 9/21/20	Fri 11/13/20																		
69	RFP Interviews	30 days	Mon 11/16/20	Fri 12/25/20																		
70	CM Firm Selection	10 days	Mon 12/28/20	Fri 1/8/21																		
71	Agreement Execution	15 days	Mon 1/11/21	Fri 1/29/21																		
72	RFP for Design Firm	65 days	Mon 2/3/20	Fri 5/1/20																		
73	RFP Preparation	20 days	Mon 2/3/20	Fri 2/28/20																		
74	RFP Interviews	20 days	Mon 3/2/20	Fri 3/27/20																		
75	Design Firm Selection	10 days	Mon 3/30/20	Fri 4/10/20																		
76	Agreement Execution	15 days	Mon 4/13/20	Fri 5/1/20																		
77	Design Phase	870 days	Fri 5/1/20	Thu 8/31/23																		
78	Phase I 30% Design	175 days	Fri 5/1/20	Thu 12/31/20																		
79	Phase I 60% Design	173 days	Fri 1/1/21	Tue 8/31/21																		

Project: Kern Fan Groundwater Date: Thu 10/29/20	Task		Project Summary		Manual Task		Start-only		Deadline
	Split		Inactive Task		Duration-only		Finish-only		Progress
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress
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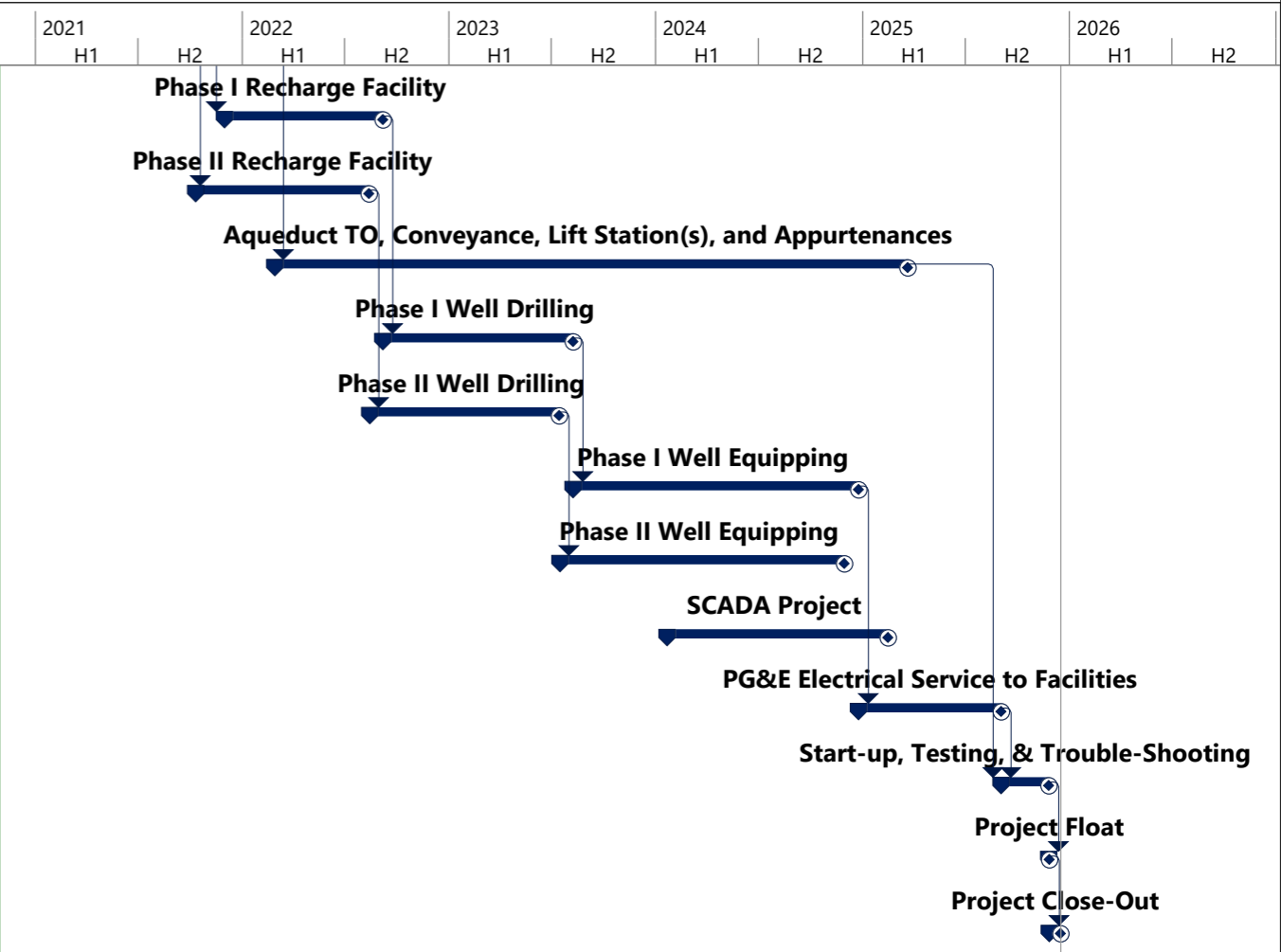
ID	Task Name	Duration	Start	Finish	2018		2019		2020		2021		2022		2023		2024		2025		2026	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
80	Phase I 90% Design	173 days	Wed 9/1/21	Fri 4/29/22																		
81	Phase I Final Design	88 days	Mon 5/2/22	Wed 8/31/22																		
82	Phase II 30% Design	152 days	Tue 12/1/20	Wed 6/30/21																		
83	Phase II 60% Design	153 days	Thu 7/1/21	Mon 1/31/22																		
84	Phase II 90% Design	152 days	Tue 2/1/22	Wed 8/31/22																		
85	Phase II Final Design	87 days	Thu 9/1/22	Fri 12/30/22																		
86	SCADA Project 30% Design	65 days	Thu 9/1/22	Wed 11/30/22																		
87	SCADA Project 60% Design	64 days	Thu 12/1/22	Tue 2/28/23																		
88	SCADA Project 90% Design	66 days	Wed 3/1/23	Wed 5/31/23																		
89	SCADA Project Final Design	66 days	Thu 6/1/23	Thu 8/31/23																		
90	Bid Phase	780 days?	Mon 1/4/21	Fri 12/29/23																		
91	Phase I Recharge Facility	65 days?	Mon 4/5/21	Fri 7/2/21																		
92	Phase II Recharge Facility	65 days	Mon 7/5/21	Fri 10/1/21																		
93	Aqueduct TO, Conveyance, Lift Station(s), and Appurtenances	4 mons	Mon 11/8/21	Fri 2/25/22																		
94	Phase I Well Drilling	66 days?	Mon 1/10/22	Mon 4/11/22																		
95	Phase II Well Drilling	66 days	Mon 8/8/22	Mon 11/7/22																		
96	Phase I Well Equipping	65 days?	Mon 2/13/23	Fri 5/12/23																		
97	Phase II Well Equipping	65 days	Mon 7/10/23	Fri 10/6/23																		
98	SCADA Project	65 days?	Mon 1/15/24	Fri 4/12/24																		
99	Construction Phase	1158 days?	Thu 4/1/21	Mon 9/8/25																		



Project: Kern Fan Groundwater Date: Thu 10/29/20	Task		Project Summary		Manual Task		Start-only		Deadline		Progress
	Split		Inactive Task		Duration-only		Finish-only		Manual Progress		External Milestone
	Milestone		Inactive Milestone		Manual Summary Rollup		External Milestone		External Milestone		External Milestone
	Summary		Inactive Summary		Manual Summary		External Milestone		External Milestone		External Milestone

EXHIBIT "B"
Kern Fan Groundwater Storage Project Overall Schedule

ID	Task Name	Duration	Start	Finish	2018		2019		2020		2021		2022		2023		2024		2025		2026	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
100	Phase I Recharge Facility	10 mons	Wed 12/1/21	Tue 9/6/22																		
101	Phase II Recharge Facility	11 mons	Mon 10/11/21	Fri 8/12/22																		
102	Aqueduct TO, Conveyance, Lift Station(s), and Appurtenances	40 mons	Mon 2/28/22	Fri 3/21/25																		
103	Phase I Well Drilling	12 mons	Wed 9/7/22	Tue 8/8/23																		
104	Phase II Well Drilling	12 mons	Mon 8/15/22	Fri 7/14/23																		
105	Phase I Well Equipping	18 mons	Wed 8/9/23	Tue 12/24/24																		
106	Phase II Well Equipping	18 mons	Mon 7/17/23	Fri 11/29/24																		
107	SCADA Project	14 mons	Mon 1/22/24	Fri 2/14/25																		
108	PG&E Electrical Service to Facilities	9 mons	Wed 12/25/24	Tue 9/2/25																		
109	Start-up, Testing, & Trouble-Shooting	3 mons	Wed 9/3/25	Tue 11/25/25																		
110	Project Float	1 day?	Wed 11/26/25	Wed 11/26/25																		
111	Project Close-Out	0.7 mons	Thu 11/27/25	Tue 12/16/25																		



Project: Kern Fan Groundwater
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Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
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