

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:	April 29, 2019	Reporting Period:	January 1, 2019 through March 31, 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:

Formation of Kern Fan Project Authority::

During this quarterly reporting period, the Applicants, Rosedale-Rio Bravo Water Storage District (Rosedale) and Irvine Ranch Water District (IRWD), continued to work with legal counsel on the 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 and will be the entity to enter into the funding agreement with the Commission. The JPA Agreement is expected to be executed in July 2019.

Project Planning and Feasibility Study:

Applicants entered into agreements with consultants to provide program management services. During the current reporting period, consultants initiated meetings with the State Water Project contractors Kern County Water Agency (KCWA) and Dudley Ridge Water District (Dudley Ridge) to discuss critical path items related to necessary agreements with the Department of Water Resources.

Progress was made this quarter in the hydraulic study of the potential impacts of the project to other turnouts from the California Aqueduct. The results of the study will help inform locating the Project turnout and

alignments of the proposed canal and project facilities. A preliminary design report is expected to be initiated in the 2nd quarter of 2019. The information will be used to complete the Feasibility Study required as a condition of funding.

Environmental Review:

The Applicants worked with an environmental consultant to update the scope of work for completing the environmental documentation for the Project. The environmental review is expected to begin in the third quarter of 2019.

Contracts for Administration of Public Benefits:

This quarter, the Applicants initiated discussions, coordinated by the Commission, with the California Department of Fish and Wildlife and the Department of Water Resources on the process and requirements for facilitating agreements with the agencies for the administration of public benefits. The meetings were productive and beneficial and the Applicants anticipate scheduling follow up meetings with both agencies in the next quarter.

Kern Fan Groundwater Storage Project Schedules:

1. Funding Agreement Milestone - Table 1: Project Schedule

The following Table 1: Project Schedule provides the milestone as included 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	Jul 2019	50%
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	Feb 2019	Apr 2020	0%
• Estimated date for submittal of executed contract with Department of Water Resources (DWR) for administration of public benefits	Dec 2018	Apr 2020	0%
Completed Feasibility Study	Apr 2019	Dec 2019	0%
• Estimated date for submittal of the Draft Final Completed Feasibility Study		Sep 2019	0%
• Estimated date for submittal of the Final Completed Feasibility Study		Dec 2019	0%
Environmental Documentation (CEQA+ document to be prepared)	Mar 2019	Sep 2020	0%
• Estimated date for submittal of the Public Review Draft CEQA document		Jun 2020	0%
• Estimated date for submittal of the Final CEQA document		Sep 2020	0%
Federal, State, Local Approvals	Sep 2020	Feb 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	Sep 2020	Jan 2021	0%
Project Planning (Design)	Jan 2020	Feb 2021	0%
Construction	Oct 2021	Mar 2025	0%
Begin Operation	Apr 2025	Apr 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 Kern Fan Project Authority JPA formation completion date was extended to July 2019. Subsequent tasks, including the land evaluation, land acquisition, and canal alignment evaluation had their start and completion dates modified to reflect the change in timing for the formation of the JPA. Other schedule changes include environmental compliance as well as preliminary design report and easement procurement. The start dates for these scheduled items have shifted to reflect the changes associated with current planning phase activities that have yet to be completed.

The original schedule anticipated project completion in Q1 of 2025, which is still an accurate estimate of completion and is included in the updated 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.	July 2019	50%
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 second quarter of 2019. A draft final version of the Feasibility Study will be submitted to the CWC for review in the fourth quarter of 2019.	Dec 2019	0%
Final environmental documentation	Applicants will initiate 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.	Sep 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.	Feb 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	Timeline																												
				3, 2018 Aug	Sep	Qtr 4, 2018 Oct	Nov	Dec	Qtr 1, 2019 Jan	Feb	Mar	Qtr 2, 2019 Apr	May	Jun	Qtr 3, 2019 Jul	Aug	Sep	Qtr 4, 2019 Oct	Nov	Dec	Qtr 1, 2020 Jan	Feb	Mar	Qtr 2, 2020 Apr	May	Jun	Qtr 3, 2020 Jul	Aug	Sep	Qtr 4, 2020 Oct	Nov	Dec
0	Kern Fan Groundwater Storage Project	1725 days?	Mon 9/3/18	Kern Fan Groundwater Storage Project																												
1	Contracts for Non-Public Benefits Cost Share	238 days	Mon 9/3/18	[Task bar]																												
2	Execution of JPA Agreement for Kern Fan Project Authority	238 days	Mon 9/3/18	[Task bar]																												
3	Executed Non-Public Benefit Cost Share Contracts to Commission	0 days	Mon 4/1/19	◆ Executed Non-Public Benefit Cost Share Contracts to Commission																												
4	Contracts for Administration of Public Benefits	360 days	Mon 12/3/18	Contracts for Administration of Public Benefits																												
5	DWR Contract	360 days	Mon 12/3/18	[Task bar]																												
6	CDFW Contract	316 days	Fri 2/1/19	[Task bar]																												
7	Completed Feasibility Study	196 days?	Mon 4/1/19	Completed Feasibility Study																												
8	Preparation of Draft Feasibility Study	131 days?	Mon 4/1/19	[Task bar]																												
9	Draft Final Feasibility Study to Commission	0 days	Mon 9/30/19	◆ Draft Final Feasibility Study to Commission																												
10	Final Feasibility Study to Commission	0 days	Tue 12/31/19	◆ Final Feasibility Study to Commission																												
11	Environmental Documentation	393 days	Fri 3/1/19	Environmental Documentation																												
12	Preparation of CEQA+ (Supplemental EIR-NEPA Compliant)	393 days	Fri 3/1/19	[Task bar]																												
13	Submittal of Public Review Draft CEQA to Commission	0 days	Mon 6/1/20	◆ Submittal of Public Review Draft CEQA to Commission																												
14	Submittal of Final CEQA Document to Commission	0 days	Tue 9/1/20	◆ Submittal of Final CEQA Document to Commission																												
15	Federal, State, and Local Approvals	120 days	Tue 9/1/20	Federal, State, and Local Approvals																												
16	Permitting	6 mons	Tue 9/1/20	[Task bar]																												
17	Funding Agreement Components	109 days	Tue 9/1/20	Funding Agreement Components																												

Project: Kern Fan Groundwater Date: Tue 4/30/19	Task		Project Summary		Manual Task		Start-only		Deadline		Progress
	Split		Inactive Task		Duration-only		Finish-only		Manual Progress		Manual Progress
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress		Manual Progress
	Summary		Inactive Summary		Manual Summary		External Milestone		Manual Progress		Manual Progress

EXHIBIT "A"
Project Schedule (CWC Table 1)

ID	Task Name	Duration	Start																													
				3, 2018 Aug	Sep	Qtr 4, 2018 Oct Nov Dec			Qtr 1, 2019 Jan Feb Mar			Qtr 2, 2019 Apr May Jun			Qtr 3, 2019 Jul Aug Sep			Qtr 4, 2019 Oct Nov Dec			Qtr 1, 2020 Jan Feb Mar			Qtr 2, 2020 Apr May Jun			Qtr 3, 2020 Jul Aug Sep			Qtr 4, 2020 Oct Nov Dec		
18	Submittal of Draft Work Plan to Commission	109 days	Tue 9/1/20													Submittal of Draft Work Plan to Commission																
19	Submittal of Draft Schedule to Commission	109 days	Tue 9/1/20													Submittal of Draft Schedule to Commission																
20	Submittal of Draft Budget to Commission	109 days	Tue 9/1/20													Submittal of Draft Budget to Commission																
21	Project Planning (Design)	294 days?	Wed 1/1/20													Project Planning (Design)																
22	Bid Phase	165 days	Tue 2/16/21																													
23	Construction	908 days	Mon 10/4/21																													
24	Begin Operation	0 days	Mon 4/14/25																													

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	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

EXHIBIT "A"
Project Schedule (CWC Table 1)

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			Qtr 2, 2025			Qtr 3, 2025			
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	Apr	May	Jun	Jul	Aug	Sep

Kern Fan Groundwater Storage Project

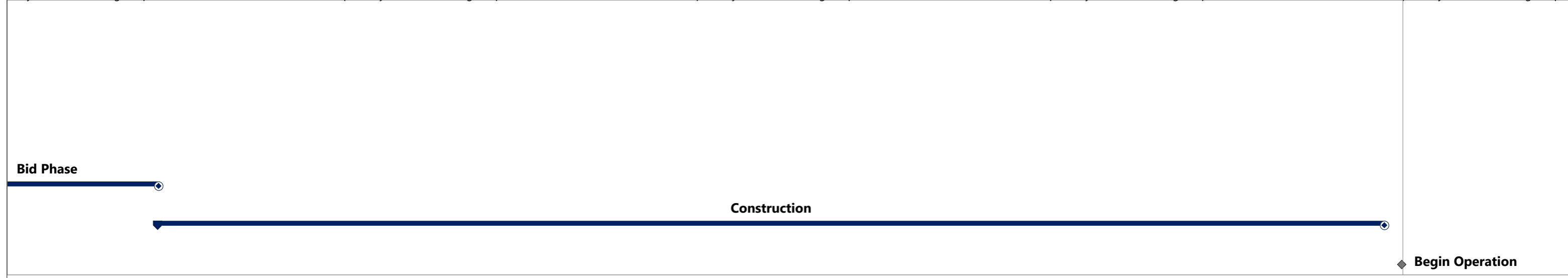


mission
ment to Commission

Project: Kern Fan Groundwater Date: Tue 4/30/19	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			

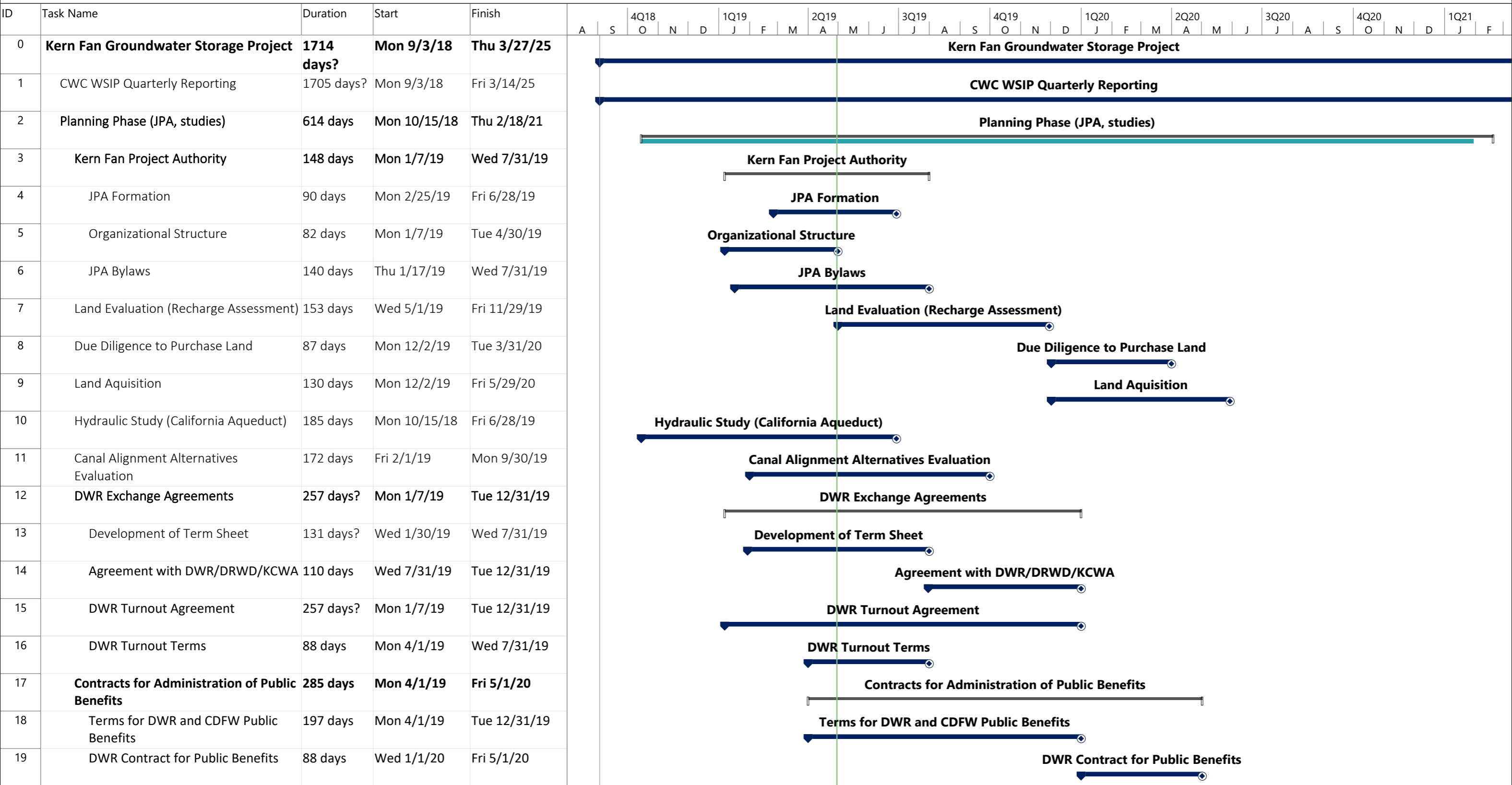
EXHIBIT "A"
Project Schedule (CWC Table 1)

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 Qtr 2, 2025 Qtr 3, 2025



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Kern Fan Groundwater Storage Project Overall Schedule



Project: Kern Fan Groundwater
Date: Tue 4/30/19

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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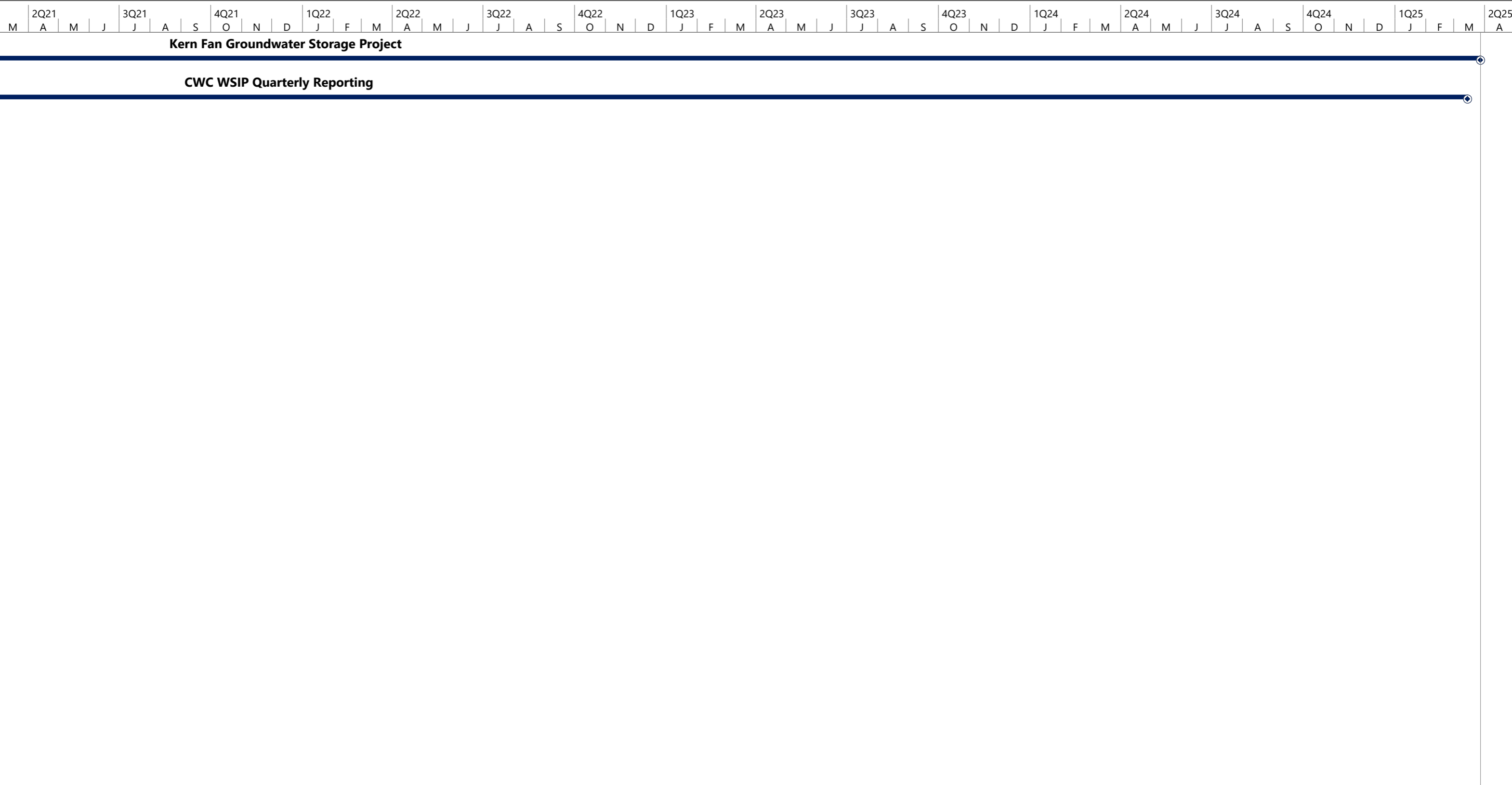
Kern Fan Groundwater Storage Project Overall Schedule

ID	Task Name	Duration	Start	Finish	Calendar Grid																											
					A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
20	CDFW Contract for Public Benefits	88 days	Wed 1/1/20	Fri 5/1/20	CDFW Contract for Public Benefits																											
21	CWC Funding Agreement Components	109 days	Tue 9/1/20	Fri 1/29/21	CWC Funding Agreement Components																											
22	Submittal of Draft Work Plan to Commission	109 days	Tue 9/1/20	Fri 1/29/21	Submittal of Draft Work Plan to Commission																											
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24	Submittal of Draft Budget to Commission	109 days	Tue 9/1/20	Fri 1/29/21	Submittal of Draft Budget to Commission																											
25	Feasibility Study	197 days	Mon 4/1/19	Tue 12/31/19	Feasibility Study																											
26	Development of Adaptive Management Program	262 days	Mon 4/1/19	Tue 3/31/20	Development of Adaptive Management Program																											
27	Enviromental & Design	512 days	Fri 3/1/19	Mon 2/15/21	Enviromental & Design																											
28	Preliminary Design Report	172 days	Wed 1/1/20	Thu 8/27/20	Preliminary Design Report																											
29	Easement Procurement	392 days	Wed 5/29/19	Thu 11/26/20	Easement Procurement																											
30	HCP Credits	392 days	Tue 4/2/19	Wed 9/30/20	HCP Credits																											
31	Engineering & Design	360 days	Tue 10/1/19	Mon 2/15/21	Engineering & Design																											
32	Preparation of Environmental CEQA+ (Supplemental EIR-NEPA Compliant)	393 days	Fri 3/1/19	Tue 9/1/20	Preparation of Environmental CEQA+ (Supplemental EIR-NEPA Compliant)																											
33	Submittal of Public Review Draft CEQA to CWC	1 day?	Mon 6/1/20	Mon 6/1/20	Submittal of Public Review Draft CEQA to CWC																											
34	45-Day Draft CEQA Review and Public Meeting	45 days	Mon 6/1/20	Fri 7/31/20	45-Day Draft CEQA Review and Public Meeting																											
35	Prepare Final CEQA Document	22 days	Mon 8/3/20	Tue 9/1/20	Prepare Final CEQA Document																											
36	Permitting	6 mons	Tue 9/1/20	Mon 2/15/21	Permitting																											
37	Bid Phase	165 days	Tue 2/16/21	Mon 10/4/21	Bid Phase																											
42	Construction	908 days	Tue 10/5/21	Thu 3/27/25	Construction																											

Project: Kern Fan Groundwater
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Task		Project Summary		Manual Task		Start-only		Deadline	
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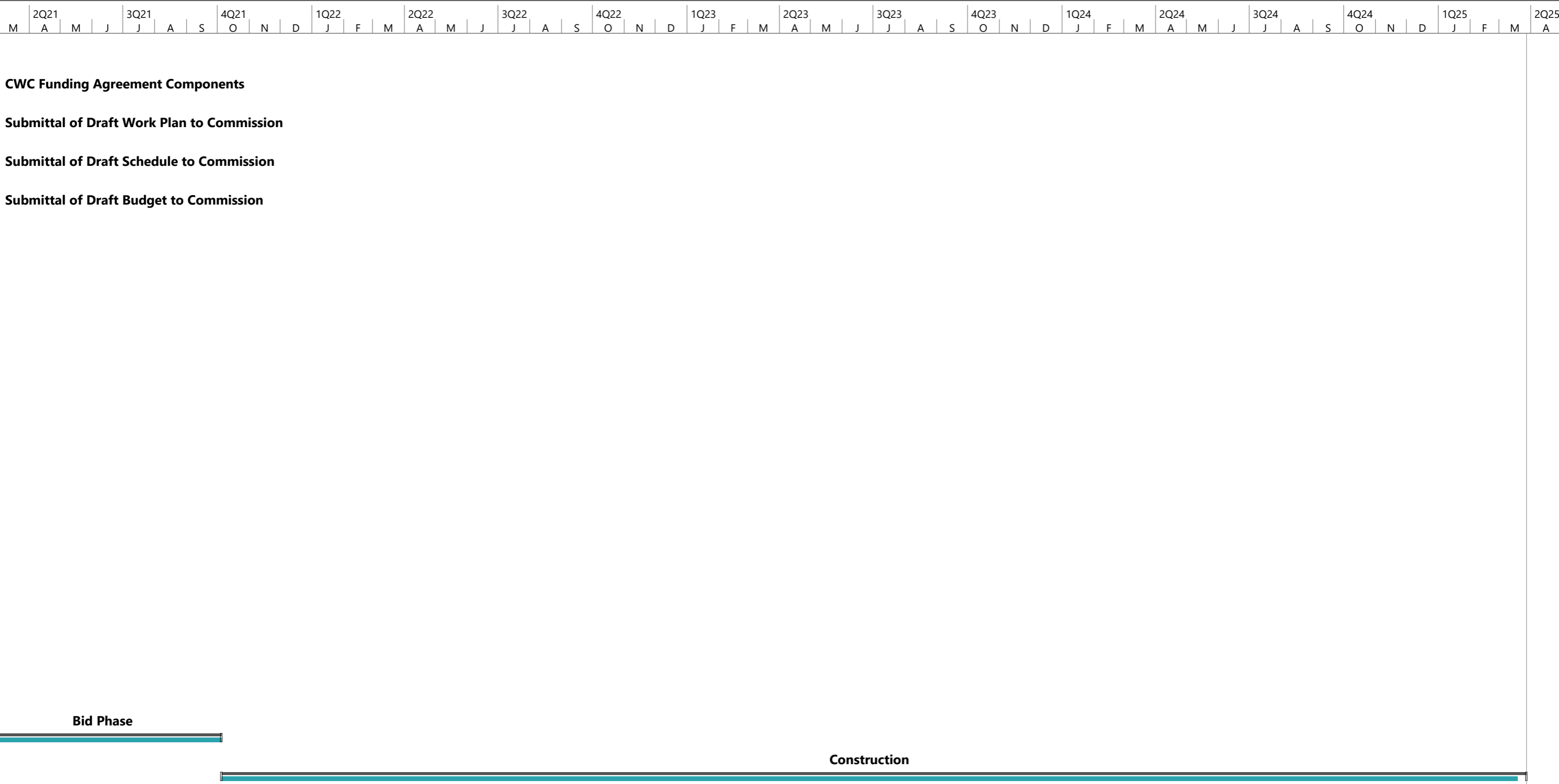
Kern Fan Groundwater Storage Project Overall Schedule



Project: Kern Fan Groundwater
Date: Tue 4/30/19

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



Project: Kern Fan Groundwater
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Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
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Kern Fan Groundwater Storage Project Overall Schedule

2Q25			3Q25			4Q25			1Q26			2Q26			3Q26			4Q26			1Q27			2Q27			3Q27			4Q27			1Q28			2Q28			3Q28			4Q28			1Q29			2Q29		
A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	

Kern Fan Groundwater Storage Project

CWC WSIP Quarterly Reporting

Project: Kern Fan Groundwater
Date: Tue 4/30/19

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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Kern Fan Groundwater Storage Project Overall Schedule

2Q25			3Q25			4Q25			1Q26			2Q26			3Q26			4Q26			1Q27			2Q27			3Q27			4Q27			1Q28			2Q28			3Q28			4Q28			1Q29			2Q29		
A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	



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