

# **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:

**Groundwater Banking Joint Powers Authority** 

Date:

July 31, 2022

Reporting Period:

April 1, 2022 - June 30, 2022

#### **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:

Engineering and Design:

During the current reporting period the GBJPA issued Professional Services Agreements with engineering firms for the design of recharge, recovery and conveyance facilities. In addition, the GBJPA issued a Professional Services Agreement with Dee Jaspar & Associates for project management, establishment of project survey conrol and grant application assistance. The GBJPA Engineering group continued to work with the selected design consultants to further the design of the Project.

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.

### 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: 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. A funding commitment letter to the Director of the Departement for the non-public benefits will be prepared in the next reporting period.

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 2022

Percent Complete: 50%

#### 3. Completed feasibility studies:

Status: The final Feasibility Study was submitted to CWC staff on November 22, 2021. On December 15, 2021, the Commission determined that the feasibility study met requirements set forth in the WSIP Regulations.

Estimated Completion Date: November 2021

Percent Complete: 100%

#### 4. Final environmental documentation:

Status: The Groundwater Banking Joint Powers Authority certified the Final EIR document on December 28, 2020. There were no unimitigated 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 continue to work with the approporiate 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 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.

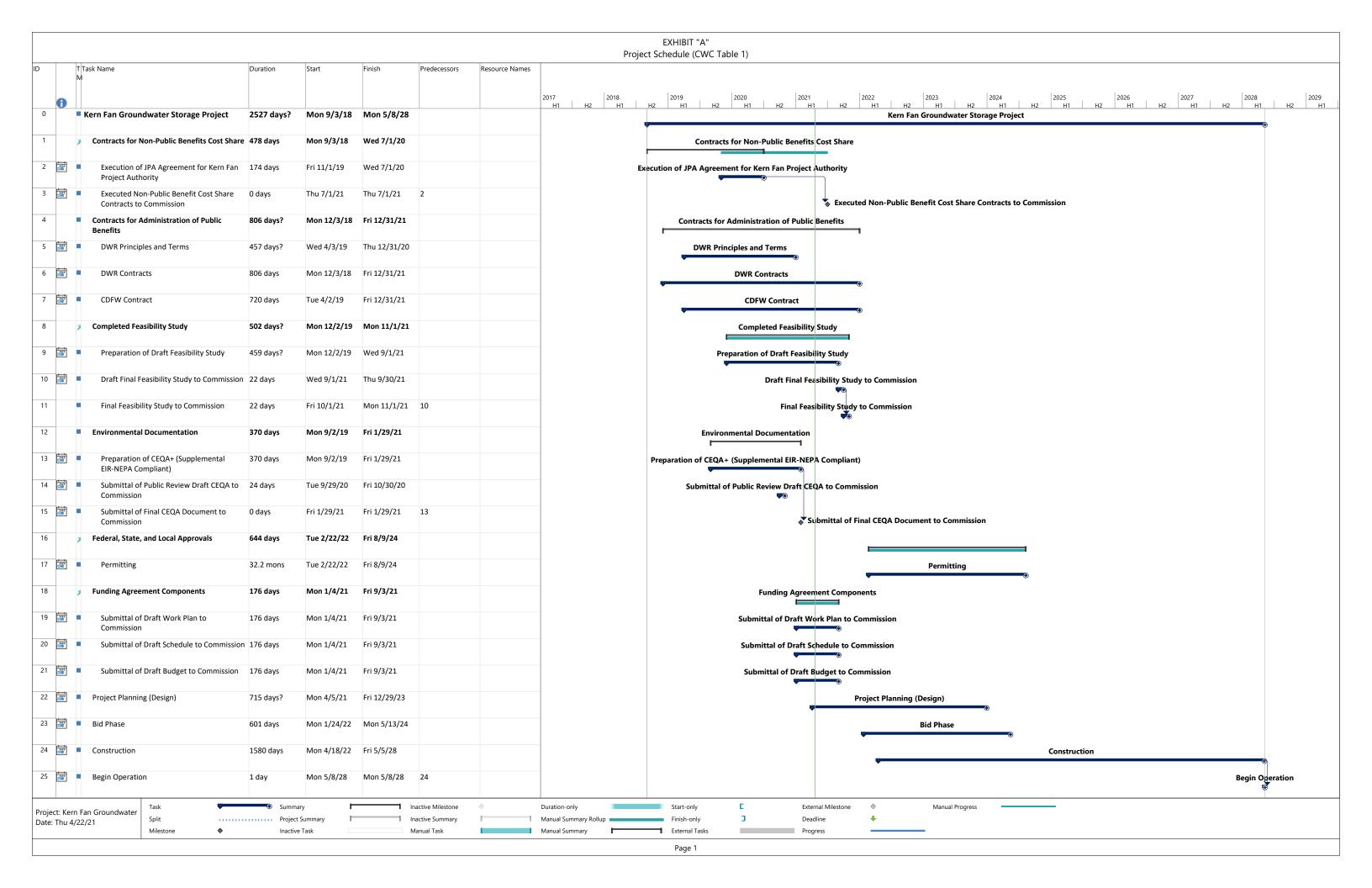


					EXHIBIT "B" Kern Fan Groundwater Storage Project Overall Schedule
	Task Name	Duration	Start	Finish Predecessors Resource Names	2017   2018   2019   2020   2021   2022   2023   2024   2025   2026   2027   2028   2026   2027   2028   2027   2028   2027   2028   2028   2027   2028
	Kern Fan Groundwater Storage Project	2525 days?	Mon 9/3/18	Fri 5/5/28	Kern Fan Groundwater Storage Project
		-	Mon 9/3/18	Fri 5/5/28	CWC WSIP Quarterly Reporting
	Planning Phase (JPA, studies)	840 days?	Mon 10/15/18	Fri 12/31/21	Planning Phase (JPA, studies)
	Kern Fan Project Authority	388 days	Mon 1/7/19	Wed 7/1/20	Kern Fan Project Authority
ı	Organizational Structure	82 days	Mon 1/7/19	Tue 4/30/19	Organizational Structure
5	JPA Bylaws	195 days	Thu 10/3/19	Wed 7/1/20	JPA Bylaws
5	JPA Formation	283 days	Mon 6/3/19	Wed 7/1/20	JPA Formation
7	Land Evaluation (Recharge Assessment)	291 days	Fri 11/29/19	Fri 1/8/21	Land Evaluation (Recharge Assessment)
8	Due Diligence to Purchase Land	223 davs	Mon 5/4/20	Wed 3/10/21	Due Diligence to Purchase Land
9	-		Mon 11/9/20		Land Aquisition
0	Hydraulic Study (California Aqueduct)	·			
11					Hydraulic Study (California Aqueduct)
	Canal Alignment Alternatives Evaluation				Canal Alignment Alternatives Evaluation
12			Mon 12/3/18		DWR Agreements
3	Principles		Mon 12/3/18		Development of Agreement Principles
4	Agreement with DWR/DRWD/KCWA	349 days	Tue 9/1/20	Fri 12/31/21	Agreement with DWR/DRWD/KCWA
5	DWR Turnout Terms	260 days	Tue 9/3/19	Mon 8/31/20	DWR Turnout Terms
16	DWR Turnout Agreement	349 days	Tue 9/1/20	Fri 12/31/21	DWR Turnout Agreement
7	Contracts for Administration of Public Benefits	805 days	Mon 12/3/18	Fri 12/31/21	Contracts for Administration of Public Benefits
18	DWR Assurance Terms	457 days	Wed 4/3/19	Thu 12/31/20	DWR Assurance Terms
19	DWR Contract for Public Benefits	805 days	Mon 12/3/18	Fri 12/31/21	DWR Contract for Public Benefits
20	CDFW Contract for Public Benefits	719 days	Tue 4/2/19	Fri 12/31/21	CDFW Contract for Public Benefits
21	CWC Funding Agreement Components	175 days	Mon 1/4/21	Fri 9/3/21	CWC Funding Agreement Components
22	Submittal of Draft Work Plan to Commission	175 days	Mon 1/4/21	Fri 9/3/21	Submittal of Draft Work Plan to Commission
23		175 days	Mon 1/4/21	Fri 9/3/21	Submittal of Draft Schedule to Commission
24	Submittal of Draft Budget to	175 days	Mon 1/4/21	Fri 9/3/21	Submittal of Draft Budget to Commission
25	Commission  Completed Feasibility Study	501 days?	Mon 12/2/19	Mon 11/1/21	
26	Preparation of Draft Feasibility Study	y 458 days?	Mon 12/2/19	Wed 9/1/21	Preparation of Draft Feasibility Study
27		22 days	Wed 9/1/21	Thu 9/30/21	Draft Final Feasibility Study to Commission
28	Commission  Final Feasibility Study to Commission	n 22 days	Fri 10/1/21	Mon 11/1/21 27	Final Feasibility Study to Commission
29		175 days	Mon 1/4/21	Fri 9/3/21	Development of Adaptive Management Program
30	Management Program  Environmental	370 days	Mon 9/2/19	Fri 1/29/21	Environmental
			-, ,==		
_	Task		● Summary	/ Inactive Milestone	Duration-only Start-only C External Milestone 🔷 Manual Progress
	t: Kern Fan Groundwater Thu 4/22/21 Split Milestone	•	Project S	ummary Inactive Summary	Manual Summary Rollup ☐ Finish-only ☐ Deadline ♣
	Milestone	₩	Inactive 1	ask Manual Task	Manual Summary External Tasks Progress Page 1

						EXHIBIT "B"  Kern Fan Groundwater Storage Project Overall Schedule
	Task Name	Duration	Start	Finish	Predecessors Resource Names	Kern Fan Groundwater Storage Project Overall Schedule       2017     2018     2019     2020     2021     2022     2023     2024     2025     2026     2027     2028     20       H1     H2     H2     H2     H2     H2     H2     H2     H2     H2
	Submittal of Draft Project Description	0 days	Mon 1/20/20	Mon 1/20/20		H1 H2 H1 H1 H2 H1 H1 H1 H2 H1 H1 H1 H2 H1 H1 H1 H2 H1
!	Preparation of NOP and NOC	56 days	Tue 1/21/20	Tue 4/7/20		Preparation of NOP and NOC
	30-day Scoping Period and Public	30 days	Mon 3/30/20	Fri 5/8/20		30-day Scoping Period and Public Meeting
	Meeting  Preparation of EIR Project Description	21 days	Thu 4/23/20	Thu 5/21/20		Preparation of EIR Project Description
5	Technical Reports	31 days	Tue 5/5/20	Tue 6/16/20		Technical Reports
	Prepare Administrative Draft SEIR	61 days	Tue 5/5/20	Tue 7/28/20		
16		•				Prepare Administrative Draft SEIR
7	Agency Review of Administrative Draf SEIR		Tue 7/28/20	Tue 8/11/20		Agency Review of Administrative Draft SEIR
В	Prepare Screencheck Draft SEIR	21 days	Tue 8/11/20	Tue 9/8/20		Prepare Screencheck Draft SEIR   ▼
9	Agency Review of Screencheck Draft SEIR	11 days	Tue 9/8/20	Tue 9/22/20		Agency Review of Screencheck Draft SEIR
0	Pepare Public Draft SEIR, NOA, and NOC	6 days	Tue 9/22/20	Tue 9/29/20		Pepare Public Draft SEIR, NOA, and NOC
11	45-day Draft SEIR Review and Public Meeting	34 days	Tue 9/29/20	Fri 11/13/20		45-day Draft SEIR Review and Public Meeting
2	Prepare Final SEIR and Response to Comments	41 days	Fri 11/13/20	Fri 1/8/21		Prepare Final SEIR and Response to Comments
3	Prepare Findings, SOC, and NOD	16 days	Fri 1/8/21	Fri 1/29/21		Prepare Findings, SOC, and NOD
4	Prepare MMRCP	16 days	Fri 1/8/21	Fri 1/29/21		Prepare MMRCP
5	Right-of-Way & Easements	225 days	Thu 4/8/21	Wed 2/16/22		Right-of-Way & Easements
6	Right-of-Way Evaluation & Document	60 davs	Thu 4/8/21	Wed 6/30/21		Right-of-Way Evaluation & Document Review
7	Review Preliminary Meetings with Landowner		Tue 6/1/21	Mon 7/12/21		
						Preliminary Meetings with Landowners
8	Appraisals/Valuations	45 days	Wed 6/30/21			Appraisals/Valuations  • • • • • • • • • • • • • • • • • • •
19	Establish Survey Control and Monumentation	60 days	Thu 7/1/21	Wed 9/22/21	46	Establish Survey Control and Monumentation
0	Prepare Permanent and Temporary Easement Plats & Descriptions	75 days	Thu 9/23/21	Wed 1/5/22	49	Prepare Permanent and Temporary Easement Plats & Descriptions
1	Executed Easements & Rights-of-Way	30 days	Thu 1/6/22	Wed 2/16/22	50	Executed Easements & Rights-of-Way
2	Permitting	644 days	Tue 2/22/22	Fri 8/9/24		Permitting
3	DWR Permitting for Aqueduct TO	265 days	Mon 8/1/22	Fri 8/4/23		DWR Permitting for Aqueduct TO
4	State Parks Permitting	240 days	Mon 8/1/22	Sun 7/2/23		State Parks Permitting
5	Outlet Canal Crossing - Army Corp,	265 days	Mon 8/1/22	Fri 8/4/23		Outlet Canal Crossing - Army Corp, CVFPB, Buena Vista, CDFW, DWR
6	CVFPB, Buena Vista, CDFW, DWR Caltrans Permit - I5 Crossing	180 days	Mon 12/4/23	Fri 8/9/24		Caltrans Permit - 15 Crossing
7	Caltrans Permit - Stockdale Hwy		Mon 12/4/23			Caltrans Permit - Stockdale Hwy Crossing
8	Crossing  KCWA Encroachment Permit	180 days				
						KCWA Encroachment Permit
9	County Encroachment Permit	60 days	Mon 12/4/23			County Encroachment Permit
50	Well Drilling Permits	374 days	Tue 2/22/22	Fri 7/28/23		Well Drilling Permits
51	RFP for CM Firm	741 days	Mon 7/19/21	Mon 5/20/24		
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	t: Kern Fan Groundwater	<b>-</b>	● Summa	•	Inactive Milestone	Duration-only Start-only E External Milestone • Manual Progress — Manual Progress
	Thu 4/22/21 Split Milestone	<b>•</b>	Project:		Inactive Summary  Manual Task	Manual Summary Rollup Finish-only ☐ Deadline ↓  Manual Summary External Tasks Progress
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D	Task Name	Duration	Start	Finish	Predecessors	Resource Nam	25 2017	l			torage Project Ove				I <sub>=</sub> .
2	RFP for Design Firm	75 days	Mon 1/4/21	Fri 4/16/21	Fredecessors	Resource Ivaiii	2017 H1	H2 H1	H2	H1 H2	2020 H1 H2	2021   2022   H1   H2	2   2023 H1   H2   H1	2024   2025   2026   2027   2028     H1	H2
		·									1	_			
53	Design Phase	715 days	Mon 4/5/21	Fri 12/29/23									Design Phase		
64	Phase I Recharge Basins, Goose Lake Channel Pump Station, Check	210 days	Mon 4/5/21	Fri 1/21/22											
	Structure, Interbasin Structures, Wel Pipelines and Intertie														
65	Phase II Recharge Basins, Well Pipelines and Interbasin Structures	210 days	Mon 4/5/21	Fri 1/21/22	64										
66	Phase I and II Well Drilling and	175 days	Mon 8/2/21	Fri 4/1/22	65								_		
67	Equipping  Aqueduct Turnout Facility	280 days	Mon 7/11/22	Fri 8/4/23	66							7			
68	Conveyance Facilities, Including	360 days	Mon 7/11/22	Fri 11/24/23											
69	Turnouts and Pump Stations SCADA and PLC Programming	426 days	Fri 5/13/22	Fri 12/29/23	68										
70	Bid Phase		Mon 1/24/22	Sun 5/12/24									Bid Phase		
71	Phase I Recharge Facility		Mon 1/24/22									Phase I Rech	arge Facility		
72	Phase II Recharge Facility	61 days	Mon 5/2/22	Mon 7/25/22								Phase II	I Recharge Facility		
73	Aqueduct To, Conveyance, Lift Station(s), and Appurtenances	7 mons	Mon 8/7/23	Fri 2/16/24									Aqueduct To, Conveyance,	Lift Station(s), and Appurtenances	
74	Phase I Pipelines and Interbasin Structures	60 days?	Mon 3/7/22	Fri 5/27/22									nd Interbasin Structures		
75	Phase II Pipelines and Interbasin Structures	60 days	Mon 9/26/22	Fri 12/16/22								Phase II	Pipelines and Interbasin Struct	tures	
76	Phase I Well Drilling and Well Equipping	61 days?	Mon 5/2/22	Mon 7/25/22								Phase I Well Dr	rilling and Well Equipping		
77	Phase II Well Drilling and Well Equipping	60 days	Mon 9/4/23	Fri 11/24/23									Phase II Well Drilli	ing and Well Equipping	
78	SCADA Project	62 days?	Thu 2/15/24	Fri 5/10/24										SCADA Project	
79	Construction Phase	1580 days	? Mon 4/18/22	Fri 5/5/28										Construction Phase	
80	Phase I Recharge Facility	3.75 mons	Mon 4/18/22	Fri 7/29/22	71										
81	Phase II Recharge Facility	3.75 mons	Mon 8/1/22	Fri 11/11/22	72										
82	Aqueduct TO, Conveyance, Lift	54.05 mor	s Fri 10/27/23	Fri 12/17/27	73										
83	Station(s), and Appurtenances  Phase I Well Pipelines and Interbasin	15.4 mons	Mon 6/6/22	Wed 8/9/23	80										
84	Structures  Phase II Well Pipelines and Interbasir	6 mons	Mon 1/2/23	Fri 6/16/23	81										
85	Structures Phase I Well Drilling and Well	22.1 mons	Mon 8/1/22	Tue 4/9/24	83										
86	Equipping Phase II Well Drilling and Well	24 mons	Mon 12/4/23	Fri 10/3/25	84								<b>9</b> 1		
87	Equipping SCADA Project	60.05 mor	s Mon 7/17/23	Mon 2/21/28											
88	PG&E Electrical Service to Facilities	56.5 mons	Mon 6/12/23	Fri 10/8/27	85								-		
89	Start-up, Testing, & Trouble-Shooting	1.45 mons	Mon 1/3/28	Thu 2/10/28	82,88								<b>\</b>		
90	Project Float	1 day?	Fri 2/11/28	Fri 2/11/28											
91	Project Close-Out		Mon 2/14/28		90									T and the second se	
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	Milestone	<b>♦</b>	Inactive	Task	N	/Janual Task		Manual Summar	ry	External Tasks		Progress			