

#### Topic:Authority Board Agenda Item 3-32018 Feb 26

Subject: Phase 1 Completion & Preparations for Phase 2

#### **Requested Action:**

No action requested. Informational report.

#### **Detailed Description/Background:**

Completion of Phase 1 and 2 requires the following processes be coordinated and milestone decisions be aligned. How each integrate will be discussed to enable staff to continue to advance the respective planning efforts.

<u>Pr</u>	ocess:	<u>Phase 1</u>	<u>Phase 2</u>
•	Proposition 1 (WSIP)	Water Commission Decision (MCED) & Early Funding	Onboard Administering Agencies
•	Federal Participation (WIIN Act)	Application for near-term Funding (§4007)	Secure long-term funding (§4010(b)(6)
			Onboard federal agencies
•	EIR/EIS & Permits	Advance and early consultations	Finalize EIR/S, obtain Water Right, Biological Opinions, and permits
•	Engineering & Rights of Way	Update studies and cost estimate	Preliminary design (including geotechnical)
•	Rebalancing (Reservoir Committee)	Phase 2 Participation Agreements	Phase 3 Participation Agreements
•	Financing	Retain municipal financial advisor & develop a strategy (all phases) and plan for Phase 2	Secure interim financing
•	Procurements (refer to Jan 18 workshop)	Retain resources to advance the project & design of pumps	Retain resources to implement alternative delivery strategy

#### **Prior Authority Board Action:**

#### None.

Status:	Final	Preparer: W	/atson	Phase:	1	Version:	0
Purpose:	Sites Authority Board Staff Report	Checker: S	pesert	Date:	2018	Feb 26	
Caveat:	Informational	QA/QC:		Ref/File #:	12.2	21-210.	018
Notes:				Page:	1	of	2

#### Fiscal Impact/Funding Source:

None.

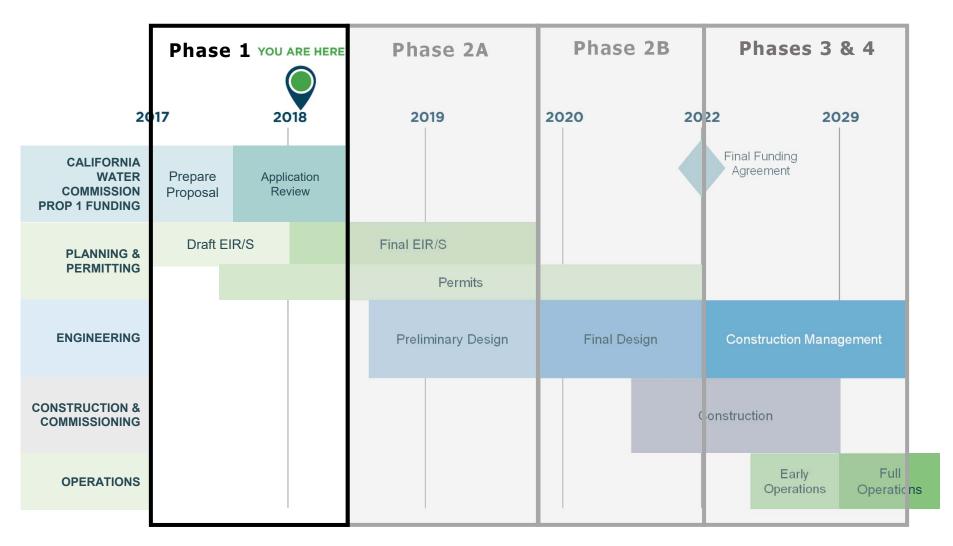
#### Staff Contact:

Jim Watson

#### Attachments:

Attachment 3-3: Phase 1 Completion and Preparations for Phase 2

## **Draft Phase-level Schedule – Phase 1**





2018 Jan 19 Working Draft, Subject to Change

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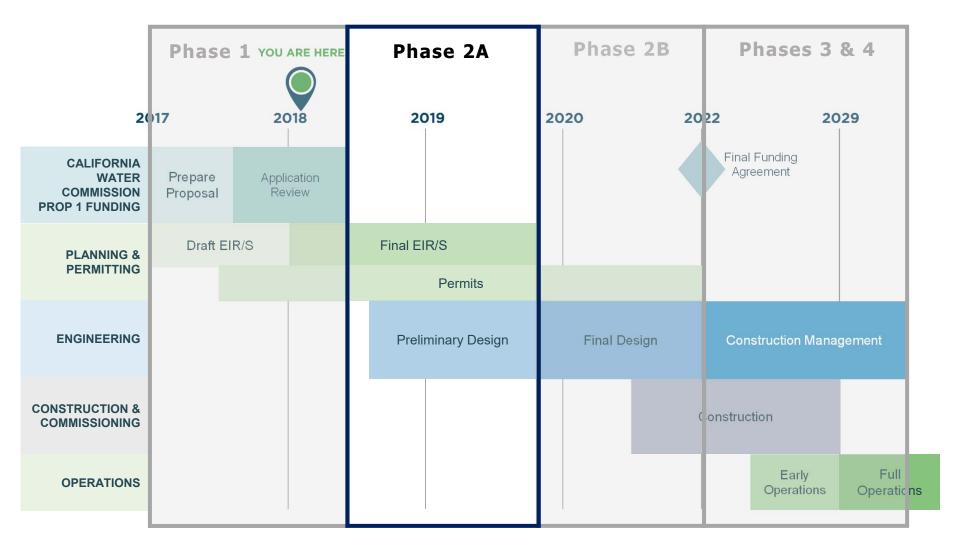
## **Phase 1 Completion Schedule**

### (Working Draft)

								0: Phase ninistrat	1 ively Ends		Phase n. Budg		
CA WATER COMMISSION PROP 1 FUNDING	CWC S Posts Pu Benefit Ra	blic Com		ocess Ends. inalizes PBR	~7	~5/25: Draft RO 7/26: MCE Early Fund Agreem	D & ling	R	Ear eceived by <i>i</i>	ly Funds Authority	CWC F & Mor	on	
FEDERAL WIIN ACT (§4007)					ompile cation	(w/ F	31: Application to Dept. of Interior easibility Study & er from Governor)			Funds Received (for pre-construction)		ion) A	Q3 2019 Request ppropriation per §4010(b)(6)
ENVIRONMENTAL	1/15: Close	Develop Coo	nerative (	)nerations P	rinciples, Biological Assessment Contents,				Develop Response to Comments				
PLANNING & PERMITTING	Public Comments (154 days)	SWRCB Appr	oach, CDF	W Permit Pr	inciples	o, 1.0.0g.	car Assessment contents,				BA, Water Right Application, formal permit consultations		
ENGINEERING	Work	Risk shop	Risk Register								E	arly Studi	es
& REAL ESTATE			e 2 Work P & Target G		W	Phase 2 /ork Plan	Phase 2 Work Plan			& optimization			
PHASE 1	1 <sup>st</sup>	1 <sup>st</sup> Rebal					Rebalance Iteration			Initial Phase 2			
REBALANCE PROCESS	Iteration		2 <sup>nd</sup> Iteration				xecute Phase 2 m. Agreements			Cash Cal		Cash Call	
FINANCING PHASE 2		rd Municipal ncial Advisor		al Phase 2 ance Plan		Propos Fi	ed Pha nance			Members nancing			
PHASE 2 PROCUREMENTS	Procure- ment Strategy	Ap Release	prove e RFQ	Proposal: Duo		Board Ap Iltant Sele	orove ction	Appro			& negotia Board & R	ted es. Comm ask Order	
	2017 Dec 3	- Jan 31	- Feb 28	- <b>Apr 30</b> - Mar 31		- May 31	0 mm 20	Jul 31	Aug 31	- Sep 30	Ort 31	- Nov 30	- Dec 31

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## **Draft Phase-level Schedule - Phase 2A**





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## **Phase 2 Requirements**

- Administrative Items
  - ✓ Budget, Costs, Schedule
  - $\checkmark~$  Health and Safety
- Engineering Design
  - ✓ Advance ~10% Concept to ~30% Preliminary level
  - ✓ Develop specialty details (e.g. geotechnical)
- Environmental
  - ✓ Final EIR/EIS
  - ✓ Permitting
  - ✓ Water Rights
- Real Estate
  - ✓ Temporary Right of Entry
  - ✓ Land Acquisition
- Communications, Outreach, & Facilitation

## **Phased Implementation Strategy**

Phase	Start	Finish	Estimate (\$million)				
Phase 2A	June 2018	December 2019	\$177				
Phase 2B	January 2020	December 2021	\$149				
Phase 3A	January 2022	December 2022	\$149 NO <sup>6529</sup> \$6967ess \$6967ess \$6967ess \$3,812				
Phase 3B	January 2023	December 2023	\$69 <b>5</b>				
Phase 4	January 2024	January 2030	\$3,812				
TOTALS (i	ncludes estimate	e of finance)	\$5,358				
\$6,000.0 \$5,000.0 <b>Ph</b> \$4,000.0 \$3,000.0 \$2,000.0 \$1,000.0	ases 2A	2B					

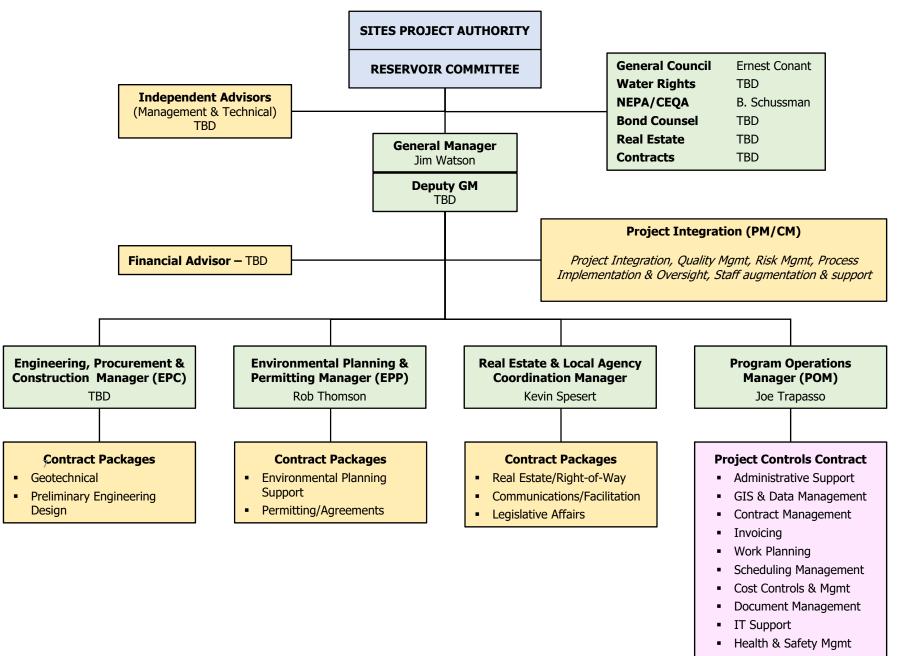
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Year

## Phase-level Funding Concept (Local, WSIP, WIIN, & Other)

	Phase 1	Phase 2A	Phase 2B & 3	Phase 4		
	Time	<ul><li>MCED</li><li>Early Funding</li></ul>	Final EIR/EIS	Permits acquired to encumb WSIP funds per CCR §6013(		
	Now	Storage Application §4007(h)	Federal Feasibility	Congress appropriates fund		
FEDERAL	CalFed (NEPA)	WIIN §4007(k) (CalFed)	WIIN §4007(h) Final			
(~15%)	CalFed (Draft Feasibility Report) USBR is lead	WIIN §4007(h) Pre- construction (Design)	Design & Early Construct <mark>ion</mark>	(reimburse storage account)		
<b>STATE</b> (~25%)	No funding contribution However, eligible for	WSIP Early Funding (environmental documer	rtation & Permits)	WSIP Funds		
	reimbursement at end of Phase 3 (per §6013(f)(7))	WSIP Early Funding (DS	DD & USACE Permits)	Encumbered		
. <b>OCAL</b> ~60%)	Self-funded (prepare WSIP Application )	Self-fund followed by Interim Debt Finance	Interim Debt Finance	Debt Financed		
				Low-interest Loan Program		
(prepar EIR/EIS Authori	Self-funded (prepare Draft joint EIR/EIS) Authority is lead w/	Self-funding followed by Interim Debt Finance	‡nterim D <mark>ebt</mark> Finance	(New WATER Act or Transmission Infrastructure Program)		
	Reclamation Support			TER F.		
	Self-funded (Technical Studies)	Grant Funding (if available)	Grant Fun <mark>ding</mark> (if available)	Grant Funding (if available)		
20	15 2018	2019		22 2030		
ng Draft, 20	18 Feb 08 WSIP (C	(Federal)	Environmental E & Permits &	ngineering Constructio		

### **Phase 2 Organization**



## **Phase 2 Consultant Packages**

# (Proposed)

End of Phase 1	Start 2A	Start 2B	Prop 1 \$	ЗА	ЗВ	Start Phase 4	Phase 5
Project Integration (PM/CM)	PM & Staff Support	Program Mgmt	+ Owner's (if off-ramp Traditional)			+ Constr. Mgmt & closeout	
Project Controls & Contract Admin.		ncials, Schedu :, & Support	ıle,			t during ion & closeout	
Communications		akeholder gagement			arly str.	+ Constr. Outreach	
Reservoir Operations Support	•	) Agreements, ssment, & Rej	Permits, payment Contr	acts			
NEPA/CEQA, ESA/CESA, & Water Rights		Final EIR/S		ROD NOD	/ BiOps		Adaptive Managem
Environmental Permit Acquisitions	Consultation Permit applie	F	Pre-Constr. S	urveys		Compliance Monitoring	ent (By Authority)
Real Estate & Rights of Way Acquisitions	Temporary of Entry	Rights	Prep to Acquire	Acqui	sitions	Land Management (By Authority)	
Engineering Design Manager (Prelim Dgn+)		SCADA/Comm ds, Survey Co	•			gineer during n & closeout	
Round 1 Geotechnical Data Collection	Sampling	Prepare G Input to se					
Negotiate Amendment or off-ramp/re-compete	Dec 31 2019 Jun 30 <b>2018</b>	Dec 31 2020 Jun 30 2019	Dec 31 2021 Jun 30 2020	Dec 31 2021	Dec 31	2027 - Dec 31 - Dec 31 - Dec 31 - Dec 31 - Dec 31	2031 Dec 31 2029
		Timeline i	s not linear	I			8

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