



Topic: **Authority Board Agenda Item 4-1**

2019 May 20

Subject: **Monthly Status Report**

Requested Action:

No action requested. Informational item

Detailed Description/Background:

General Manager and staff to provide an update on project activities performed in April 2019 for; Program Management & Administration, Engagement & Outreach, Proposition 1, Environmental, Feasibility Study, and Engineering and Technical Support.

Prior Authority Board Action:

None.

Fiscal Impact/Funding Source:

None

Staff Contact:

Jim Watson

Attachments:

Attachment A: April2019 Status Report

Attachment B: ACWA Conference Sites Project Open Presentation Slides

Topic: **Sites Reservoir Project, Phase 2**

Subject: **Monthly Status Report**

Report Period: **April 2019**

Monthly Status Summary:

The development of the Sites Project continues to make progress in the critical areas associated with the reprioritized Phase 1 budget and work plan, including the following activities;

- Amendment to the Phase 2 (2019) work plan and Budget (Agreement's Exhibit B).
- Worked with consultants to refine Phase 2 (2019) task orders which began on April 1, 2019.
- Supporting Reclamation on completion of their Feasibility Report.
- Submitted quarterly report, finalizing the WSIP Early Funding Agreement's work plan, , and preparing invoices for concurrent drawdown.

The following highlights the status of activities conducted during the month of March 2019:

Program Management & Administration:

- Initiated integration with all Phase 2 service area providers, including integration service area team meetings.
- Continued IT program implementation including SharePoint development and finalizing GIS Right-of-Way mobile tool.
- Revised efforts to reflect reduced anticipated 2019 funding, including a revised approach to implementing the Program Management Plan.
- Initiated development of annual budgeting cycle, and continued enhancement of monthly Reservoir Committee and Board item processes.
- Updated 2019 Budget Work Plan, revised service area budgets based on reduced revenue assumptions, and initiated amendments to all service area contracts.
- Continued development of closeout processes for Phase 1 consulting agreements and task orders.
- Development and implementation of Phase 2 processes for consultant weekly burn rate expense monitoring and task order invoice submittals.
- To fill the Environmental Planning & Permitting Manager position, the selection panel reviewed submitted qualifications, conducted interviews, and prepared a recommendation.

Coordination with Reclamation:

- Continued coordination of Project activities funded by Reclamation and those funded by the Authority, including detailed final reviews of the project description and environmental commitments.

Status: Issued for Use

Preparer: RDT, JAT, KMS

Phase: 2 Version: 0

Purpose: Informational

Checker: Watson

Date: 2019 May 10

Caveat: Subject to change

QA/QC:

Ref/File #: 10.211-016.000

Notes:

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- Revised and provided updates to water rights, water management, benefits and power generation.
- Provided technical comments to the updated Feasibility Report and associated technical and policy evaluations.

Permitting and Environmental Planning

- Although limited by the availability of the federal and California agencies, continuing ongoing coordination efforts. Activities included further development of the contents of the federal Biological Assessment and coordination with CDFW.
- Continued development of environmental analyses and permit applications to support additional geotechnical testing and sampling work that will advance the design and Feasibility Report's cost estimate.
- Continued development of analysis tools for daily operations, bypass criteria, floodplain inundation and other operational effects, and long-term operations.

Engagement & Outreach:

Continuing ongoing coordination efforts with landowners, local community members, state and federal elected officials, government agencies and coalitions of regional and statewide organizations including the following activities;

- Facilitated a coordination meeting with a group of interested environmental NGOs regarding the Project's operation in compliance with the Trinity River Record of Decision.
- Coordination of project activities with landowners, local agencies, and project stakeholders; including the North State Building Trades (4/2) and preparations to provide an update during ACWA's spring conference.
- Responding to requests for project information, and to plan and facilitate meetings and site tours; including input to articles being prepared by ChicoSol.org and the American Society of Civil Engineers.
- Conducted preliminary discussions regarding temporary right of entry access to property for targeted Phase 2 (2019) technical studies and developed a draft Authority Real Property & Land Management policy
- Conducted project presentation and site tour for tour groups from Cow Creek Middle School (3/9) and for Metropolitan Water District (4/23)

WELCOME



A Water System in Need of an Upgrade

- Sustainable water resource management is a priority now and for the future
- California's water infrastructure is aging and stressed beyond its capabilities
- Current drought management tools are limited and inflexible



**More frequent,
intense storms**



**Limited flexibility to access
water when it's needed most**



**Longer periods
of drought**



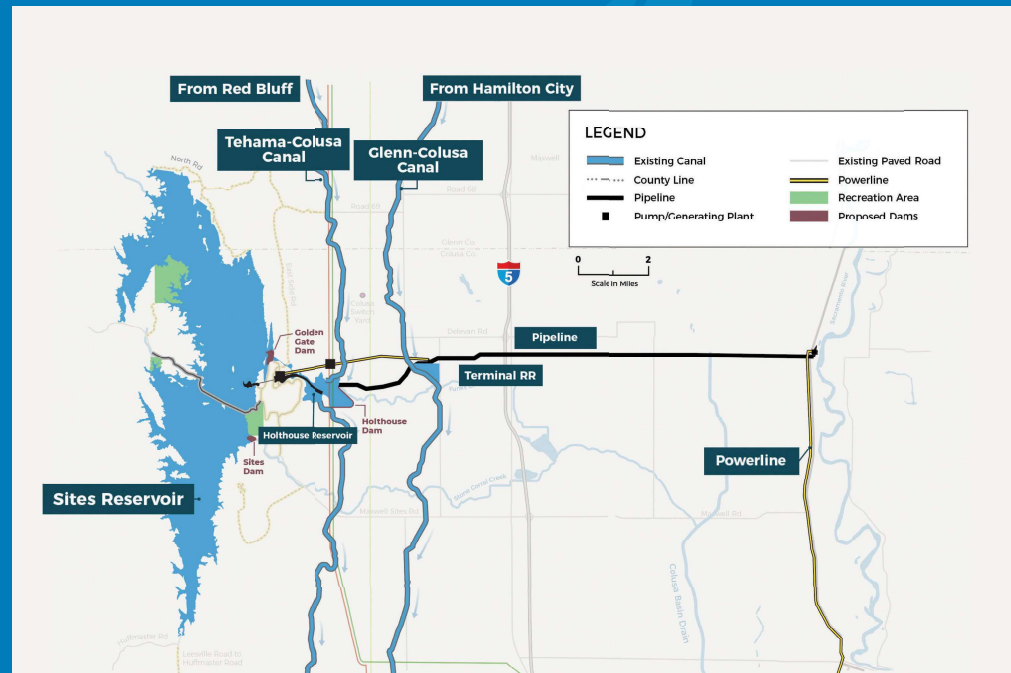
**Created unintended impacts
to the environment**



SITESPROJECT.ORG

Sites Reservoir: A Storage Solution

- Strategically located in Colusa and Glenn counties
- Proposed 1.8 million acre-foot, off-river, storm-related reservoir
- Can provide over 150,000 acre-feet of water dedicated to the environment



Water for Drier Periods

Will provide significantly more water during drier periods to complement other drought management tools

- Increases water supply flexibility, reliability and resiliency in drier periods when operated with Shasta, Oroville and Folsom
- Captures stormwater runoff and excess flood flows from the Sacramento River after all other water rights and regulatory requirements are met

Increases Northern California's Water Storage by

15%



Resilient to Climate Change

Will accommodate climate change and improve the water supply system's reliability

- Rising temperatures, declining snowpack, longer dry periods with shorter, more intense storm events, and more volatile precipitation are impacting California
- Winter storm events are resulting in more precipitation falling as rain rather than snow
- Much of the rainfall from these storms runs off before it can be captured
- Sites Reservoir will capture a portion of that water for use, modernize our water infrastructure, and help reduce the impacts of drought



A Sustainable Storage Project

Will provide critical environmental benefits to help aquatic species and other habitat withstand drier conditions

- Allows Shasta, Oroville and Folsom to hold more cold water later into the summer for the benefit of fisheries
- Improves water quality and reliability in the Delta by releasing nutrient-rich water and improve conditions for Delta smelt and other species
- Stores water when plentiful for release when it is scarce

40%

Dedicated for state and federal environmental needs

37,000

Acre-feet for managed refuges and wetlands



SITESPROJECT.ORG

Sites Project Authority & Our Partners

Colusa County *

Colusa County Water Agency *

Glenn-Colusa Irrigation District *

Glenn County *

Placer County Water Agency & City of Roseville *

Reclamation District 108 *

Sacramento County Water Agency & City of Sacramento *

Tehama-Colusa Canal Authority *

Westside Water District*

Maxwell Irrigation District **

TC 4 **

Cortina Water District

Davis Water District

Dunnigan Water District

LaGrande Water District

Western Canal Water District **

American Canyon, City of

Antelope Valley-East Kern Water Agency

CA Department of Water Resources (Ex Officio)

Carter MWC

Coachella Valley Water District

Desert Water Agency

Metropolitan Water District

San Bernardino Valley Municipal WD

San Geronio Pass Water Agency

Santa Clara Valley Water District

Santa Clarita Valley Water Agency

US Bureau of Reclamation (Cost-share)

Wheeler Ridge-Maricopa WSD

Zone 7 Water Agency

* Authority Board Member

** Associate Board Member



SITESPROJECT.ORG

What Makes Sites Different?

Features

Benefits

Off-stream storage	Does not create barriers to native fish migration Improves local flood management Improved conservation of stored water to be available when it is needed most
Cooperative operations	Increases effectiveness and efficiency of existing water storage infrastructure
Sacramento Valley-led	Authority will be an integral part of community Fosters regional and statewide collaboration
Beneficiary pays	Provides equity among participating partners Improves accountability and value creation
Federal and state agencies manage environmental water	Adaptable to current and future conditions and priorities Ensures federal and state environmental priorities are met—today and into the future
Adaptable to climate change	Operational flexibility ensures the water will be applied to the highest beneficial uses despite an uncertain future



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