



Topic: **Reservoir Committee Agenda Item 1-2 2018 April 19**

Subject: **Major Infrastructure Projects - An Owner's Perspective
and Lessons Learned**

Requested Action:

No action. Informational item.

Detailed Description/Background:

In California, only a few well-established agencies have successfully completed large water infrastructure projects. Even fewer have constructed or rehabilitated large reservoirs. These organizations tend to maintain a “pipeline” of capital improvement projects (CIP) that allows the organization - from leadership through management to staff - to maintain best practices and to develop a maturity & culture that can effectively respond and adapt when unforeseen changes occur. It has also enabled their staff to remain current on industry trends such as the use of risk-informed decision-making, the continued consolidation of the Architect/Engineering industry, and the evolution and adoption of alternative delivery in the water industry¹. Learning from these agencies is viewed as one of the “keys to success” for the Sites Project.

Since late 2015, informal benchmarking has been conducted, primarily by staff. With the expected ramp-up in effort and organizational span of control that will be needed to advance the Sites Project in Phase 2, obtaining best practices and lessons learned from other public agencies is expected to improve the understanding of the participants and staff and to aid in the development of the phase 2 work plan and management/control systems and decision-making processes.

As a ‘next step’, the following panel of owner’s will provide an overview, address some of the key challenges their organization had to overcome and provide some lessons learned. It is an opportunity for participants to pose questions to the panelists.

- Arleen Arita MWD Diamond Valley reservoir, other projects, and management of their CIP
- Marguerite Patil CCWD Los Vaqueros and subsequent dam raise
- Richard Welsh USBR Red Bluff Diversion Dam and other large water projects in the western states
- Ray Tritt CalTrans Program/CIP management and alternative delivery

¹ Currently, the transportation industry has been advancing the use of alternative delivery methods.

Prior Reservoir Committee Action:

At its March 16, 2016 meeting, the Reservoir Committee requested staff to facilitate a discussion of owners who have successfully developed large infrastructure projects to better understand how the Sites Project should be developed and to identify best practices.

Fiscal Impact/Funding Source:

None

Staff Contact:

Jim Watson

Attachments:

None