

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001



May 21, 2018

Joseph Yun
Executive Officer
California Water Commission
Post Office Box 942836
Sacramento, California 94236-0001

RE: Proposition 1 Water Storage Investment Program Findings

Dear Mr. Yun:

We are pleased with the progress the California Water Commission (Commission) has achieved in reaching another important milestone in the implementation of the Proposition 1 Water Storage Investment Program (WSIP). The Department of Water Resources (DWR) is committed to its continued partnership with the Commission to invest \$2.7 billion toward critically needed water storage projects that provide tangible public benefits to ecosystems, flood control protection, emergency response capabilities, and the overall effectiveness of our water infrastructure across the state.

DWR appreciates the leadership of the Commission and the diligent work of Commission staff in coordinating the technical review team consisting of DWR, California Department of Fish and Wildlife, and State Water Resources Control Board staff. As directed, DWR is submitting its findings for the recreation, flood control, and emergency response physical benefits based on the information provided by each applicant in their application, the technical review of that information, and the Commission's formal appeal process.

We appreciate the difficult decisions recently made by the Commission in determining which projects are eligible to move forward in this competitive process. DWR looks forward to the upcoming milestones and our ongoing role of providing the Commission expert technical review and support.

Sincerely,

A handwritten signature in black ink that reads "Karla A. Nemeth".

Karla A. Nemeth
Director

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SACRAMENTO, CA 94236-0001



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Mr. Joseph Yun
Executive Officer
California Water Commission
Post Office Box 942836
Sacramento, California 94236-0001

Project: Los Vaqueros Reservoir Expansion Project
Applicant: Contra Costa Water District

RE: Water Storage Investment Program — Findings

Dear Mr. Yun:

Herein, the Department of Water Resources (DWR) provides the California Water Commission (CWC) DWR's findings pursuant to California Code of Regulations, title 23, section 6012 and as required by Water Code section 79755(a)(3) for the Water Storage Investment Program (WSIP).

DWR staff has conducted a thorough review of the information provided by the applicant to develop findings for each physical public benefit per Water Code section 79753(a)(3-5): flood control, emergency response, and recreational purposes. DWR's findings are based on the technical review of the public benefits as described in each application and using the information submitted by the applicants.

DWR staff evaluated each application as subject matter experts and implemented a careful internal review pursuant to applicable statutes, the WSIP Regulations (Cal. Code Regs., tit. 23, § 6000 et seq.) and the WSIP *Technical Reference* (Nov. 2016). Rigorous quality control measures were established to ensure all applications were reviewed in a fair and equal manner. In addition, staff and review teams met on a weekly basis to discuss preliminary findings, assure consistency, and to identify issues for further evaluation to be discussed by the broader review team.

The application and appeal materials provided by the applicant describe the potential public benefits. Based on the WSIP Regulations, a finding does not commit DWR to a definite course of action regarding any subsequent determination or approval by DWR under any regulatory or statutory authority beyond section 6012 of the WSIP Regulations.

Changes in the amount of public benefits may occur from the time of DWR's findings to the time an applicant enters into an agreement with DWR to provide the claimed benefits to the public. Prior to entering into this agreement with the applicant, DWR shall confirm that any modified public benefits continue to meet all the requirements of WSIP Program and other applicable laws and regulations.

In August 2017, DWR staff began review of the Los Vaqueros Reservoir Expansion (LVE) Project's application for claimed flood control, recreation, and emergency response monetized public benefits. By February 2018, DWR staff had reviewed the Project's application and provided CWC staff with a recommendation to accept, adjust or remove the applicant's claimed physical benefits from the initial public benefit ratio (PBR). These recommendations along with recommendations from the California Department of Fish and Wildlife and State Water Resources Control Board were distributed to the applicant and the public by CWC staff. Applicant appeals to the initial recommendations were submitted to the CWC in late February 2018. DWR staff then reviewed the applicant's appeal information for the DWR-related benefits and provided final recommendations for the LVE Project's monetized public benefits to CWC staff. The CWC released all reviewer responses to the applicant and the public on April 20, 2018.

Pursuant to WSIP Regulations, DWR staff has determined findings for the following verified monetized public benefits: Recreation and emergency response.

Recreation:

The applicant stated that the LVE project will enhance recreation facilities and opportunities in Los Vaqueros Reservoir and watershed and increase recreation visitation by an average of 17,000 users per year.

The existing Marina Complex, including the facilities at the south cove and the end of Los Vaqueros Road, would be inundated by the expanded 275,000 acre-feet (AF) reservoir. Therefore, a new Marina Complex would replace the existing Marina Complex upslope of the existing facility at the southern end of Los Vaqueros Reservoir. The expanded and relocated Marina Complex would expand the facilities by including 1 new pier, new concessions, 18 new electric boats, and 2 new pontoon boats.

The existing Los Vaqueros Interpretive Center would be remodeled to be more energy-efficient and enlarged within the existing developed location to include an additional 14-person capacity. The existing old barn near the Los Vaqueros Watershed Office would be upgraded and interpretive features would be added to complement the existing outdoor education program.

The applicant has also proposed to construct a 100-seat amphitheater and a new 0.5-mile ADA-accessible interpretive trail to enhance recreation.

DWR has reviewed the documentation that the LVE Project has provided and verified that the proposed project could increase yearly recreation visitation by an estimated 17,000 users per year. The applicant has provided documentation to support the regression model used to estimate future estimated recreation visitation. Baseline information for the model was compiled into averages from recreation counts taken during 2011-2017. The baseline numbers combined with estimated population growth provides a strong estimate of how visitation would be impacted once the project is completed.

The applicant's proposed project would not violate Water Code section 11590 as it does not take or destroy any part of the line or plant of any common carrier railroad, other public utility, or state agency or the appurtenances thereof, either in the construction of any dam, canal, or other works, or by including the same within the area of any reservoir.

The LVE project has a dual classification as both a surface storage project identified in section 2.2.5, page 43 of the CALFED Bay-Delta Program Record of Decision, dated August 28, 2000, and as a reservoir reoperation project. The LVE project does not adversely affect, including its free-flowing character, any river afforded protection pursuant to the California Wild and Scenic Rivers Act (Pub. Resources Code, § 5093.50 et seq.).

Lastly, the applicant has provided a cost allocation breakdown where the funds allocated exclude all costs of environmental mitigation measures or compliance obligations. Additionally, the application makes no reference to or includes any environmental mitigation measures or existing compliance obligations related to claimed recreation benefits.

Pursuant to Water Code section 79755(a)(3), DWR finds that the public benefits for recreation of the proposed Los Vaqueros Reservoir Expansion project meet all the requirements of Water Code, Division 26.7, Chapter 8 (Wat. Code, § 79750 et seq.).

Emergency Response:

The applicant states that water would be made available in such declared emergencies as a Delta disruption, earthquake induced disruption, and in a drought emergency. The applicant stated that the increase in the long-term average storage in Los Vaqueros.

Reservoir water storage above the existing reserved storage of 70,000 AF would be made available in a non-drought emergency. The applicant stated that the average emergency response benefit that could be made available for Local Agency Partners for the LVE Project would include a maximum of 160,000 AF for non-drought emergencies and a maximum of 42,000 AF would be made available during drought emergencies. The actual amount of water delivered and the recipients would depend on the nature of the emergency.

The applicant provided details regarding the change to normal operations of the proposed project following a non-drought emergency and that it may take up to an estimated 4.5-years for the reservoir to recover to pre-emergency levels during which time, deliveries to local agency partners and refuges would still be possible although likely impacted.

The applicant described how water would be delivered to local agency partners through existing and proposed infrastructure related to the proposed project.

DWR has reviewed the documentation that the LVE Project has provided and verified that the applicant's proposed LVE Project could provide dedicated emergency response water supplies to local agencies through existing and proposed infrastructure water transfers during an emergency.

The applicant's proposed project would not violate Water Code section 11590 as it does not take or destroy any part of the line or plant of any common carrier railroad, other public utility, or state agency or the appurtenances thereof, either in the construction of any dam, canal, or other works, or by including the same within the area of any reservoir.

The LVE project has a dual classification as both a surface storage project identified in section 2.2.5, page 43 of the CALFED Bay-Delta Program Record of Decision, dated August 28, 2000, and as a reservoir reoperation project. The LVE project does not adversely affect, including its free-flowing character, any river afforded protection pursuant to the California Wild and Scenic Rivers Act (Pub. Resources Code, § 5093.50 et seq.).

Lastly, the applicant has provided a cost allocation breakdown where the funds allocated exclude all costs of environmental mitigation measures or compliance obligations. Additionally, the application makes no reference to or includes any environmental mitigation measures or existing compliance obligations related to the claimed emergency response benefits.

Pursuant to Water Code section 79755(a)(3), DWR finds that the public benefits for emergency response of the proposed Los Vaqueros Reservoir Expansion project meet all the requirements of Water Code, Division 26.7, Chapter 8 (Wat. Code, § 79750 et seq.).

Sincerely,

A handwritten signature in black ink, appearing to read "Karla A. Nemeth". The signature is fluid and cursive, with a large, stylized initial "K" and "N".

Karla A. Nemeth
Director