

**Meeting of the Central Valley Flood Protection Board
May 20, 2016**

Addendum to Staff Report

Updated Staff Recommendation

**Sutter Butte Flood Control Agency, Feather River West Levee Project
Amendment of Permit 18793-1 for Cutoff Wall Gap Closures, Project Area C,
Sutter County**

Project Variances

SBFCA requested two variances to Title 23 Article 8 standards: A variance to 23 CCR § 123(d)(20) to allow CLSM to be used for backfill of pipes for gap closures, and; a variance to 23 CCR § 123(g)(7)(D) to use epoxy pipe lining instead of mortar or cement for the water pipelines.

After further review, staff has determined that only the CLSM backfill variance is required.

Section 123(g)(7)(D) reads in relevant part: “Steel pipe may be used for all types of pipeline or conduit installations through a levee above the design flood plane if the pipe meets the following requirements: (D) Unless a continuous internal lining of cement, mortar, or equivalent is provided, as appropriate for the fluid to be conveyed, new steel pipe installations may convey only non-corrosive material, and water is considered corrosive.” The epoxy lining proposed by the applicant is an accepted industry standard for small diameter water pipes and therefore, staff has determined that it is “equivalent” in performance to mortar or cement. No variance from this standard is necessary.

Therefore, the updated staff recommendation for this item is that the Board:

Adopt (in substantially the form provided):

- The CEQA findings and Resolution 2016-11 (Attachment A) with modifications necessary to reflect only one variance is approved;

Approve:

- The requested construction variance to 23 CCR, § 123(d)(20) pursuant to § 11(a) and (b);
- Draft Amended Flood System Alteration Permit 18793-1, in substantially the form provided, and conditioned upon receipt and incorporation of the anticipated

USACE Sacramento District Letter of Permission, to supersede the previously issued permit; and

Delegate Authority to the Executive Officer to:

- Make non-substantive changes to the draft amended permit if needed to incorporate the anticipated USACE decision;
- Make any changes necessary to the draft amended permit to reflect only one variance is being granted;
- Issue technical construction variances as needed to incorporate requested design changes due to unanticipated field conditions that may be encountered during construction;

Direct the Executive Officer to:

- Take the necessary actions to issue Amended Permit 18793-1;
- Prepare and file a Notice of Determination pursuant to CEQA with the State Clearinghouse;