SWEETWATER SPRINGS WATER DISTRICT

TO: Board of Directors **AGENDA NO. V-E**

FROM: Steve Mack, General Manager

Meeting Date: March 2, 2017

SUBJECT: STAFF REPORT ON EFFECT AND RESPONSE TO FEBRUARY FLOODING

RECOMMENDED ACTION: Receive a report on the effects of the February flooding on District facilities and operations and provide direction to staff.

FISCAL IMPACT: None

DISCUSSION:

At the February meeting we discussed the January flooding and the District's response, including the first implementation of the flooding plan for the El Bonita well field and the Guerneville system. As you know, flooding recurred in February. The river levels were not as high (about 4 feet lower) but that still inundated the El Bonita well field with two separate crests. Those crests were small and short duration enough that we were able to serve the Guerneville system on tank storage at the Highland Treatment facility and did not need to run the El Bonita wells during the period when the top of the well vaults were under water. We issued a precautionary warning to Guerneville System customers (and cancelled it the following Monday) but we did not do special operations with the Highland tanks nor did we do extra bacteriological sampling as per the flooding plan if the wells are used while inundated.

During the Presidents Day flooding, early projections were for river levels to be high enough for flooding the El Bonita well field but those projections were down-graded and flooding at the well field did not happen.

The District has been impacted by a landslide that took out a portion of Old Monte Rio Road south of its junction with Cnopius Road. This is near the southerly/western end of the Guerneville System and has closed the road for 3 District customers and affects the mainline service for 5 other customers. The main has not failed yet as of this writing; it could go at any time. It is a recent project and is HDPE which can take bending. However, failure of the remaining road would likely take out this main causing a large loss of water and an inconvenient repair effort. Staff is working on an emergency repair which will allow shutting off and bypassing the portion of line subject to total failure. We expect the cost of the repair to be approximately $15,000 and for it to be complete by Friday, February 24. This will be a temporary fix until we find out what the County intends to do with the road failure. This project may be covered under a disaster declaration.