SWEETWATER SPRINGS WATER DISTRICT

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

FROM: Steve Mack, General Manager

Meeting Date: July 5, 2018

SUBJECT: GUERNEWOOD PARK RESORT WATER SERVICE MODELLING RESULTS

RECOMMENDED ACTION: Receive a presentation from General Manager Steve Mack regarding the progress on computer modeling the Guernewood Park Resort request for water service from the District and provide direction to staff.

FISCAL IMPACT: none at this time.

DISCUSSION:

The Guernewood Park Resort (Resort) is a proposed hotel/motel with a reported 120 rooms and a restaurant which is located next to the Dubrava Condominiums and Hulburt Creek in Guernewood Park. Coastland Engineering is developing a model to determine whether the District's Guerneville System can supply water to the Resort without impacting existing District operations.

The modeling results appear to show that the District can meet the ordinary water supply demand for the Project but the District has insufficient storage for the fireflow requirements. This is a similar statement from what we have believed about this project for some time (since before I came here); this modeling has refined that amount. It appears we need additional storage of approximately 530,000 gallons.

The first question is that amount of storage appears to defy common sense - we would need to increase our storage in the Guerneville System by 45% to meet the fireflow demand. The Project is not that large, to our thinking. We are asking Coastland for more explanation for this.

The next, obvious question is how to provide that additional storage. Coastland will be giving us recommendations on that; perhaps I will have something to present to the Board at the July meeting. One issue with the additional storage is how to add it and still have adequate circulation in whatever storage tank(s) is(are) built. Another question is where to put it.