SWEETWATER SPRINGS WATER DISTRICT

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

FROM: Steve Mack, General Manager

Meeting Date: September 1, 2011

SUBJECT: DISCUSSION RE LEAK ON CIP IV-B, PROJECT 2 ADDITION, RIO VISTA TERRACE

RECOMMENDED ACTION: Discussion regarding a recent leak associated with CIP IV-B Project 2 Addition, Rio Vista Terrace.

FISCAL IMPACT: Possible cost of repair

DISCUSSION:

CIP IV-B, Project 2 Addition, Rio Vista Terrace is a recent District capital project for which a Notice of Completion was approved at the July 2011 meeting. On July 21, a leak developed at the project. The cause was a service connection saddle that was not properly attached. District staff temporarily put in place a solution that provided the affected customer with water service and the contractor, W.R. Forde, put in place a permanent fix during the week of August 1, 2011.

This leak on the recently completed project raised the issue of how well the other service connections were done. At the August Board Meeting, staff discussed possible options for insuring the adequacy of the project and the Board wanted a report back on any progress. It's the consensus of staff and B&R, engineers for this project, that a pressure test is the best next step. We are planning to do this test in the near future – late August or early September. A successful test (no leaks developing) would mean the other connections have probably been sealed properly. If the pressure test is not successful – meaning a leak(s) developed, we will have to discuss and decide on any future actions.

Staff also discussed the alternate clamping method used in securing the saddles to the main during the fusion process. B&R confirmed that the ratchet strap approach had been approved by the distributor of the HDPE saddles.