

Memo

To: Myrl Wear,
Elaine Brewer
Ernie Dibal

From: Colm Chomicky

Date: 1/4/2012

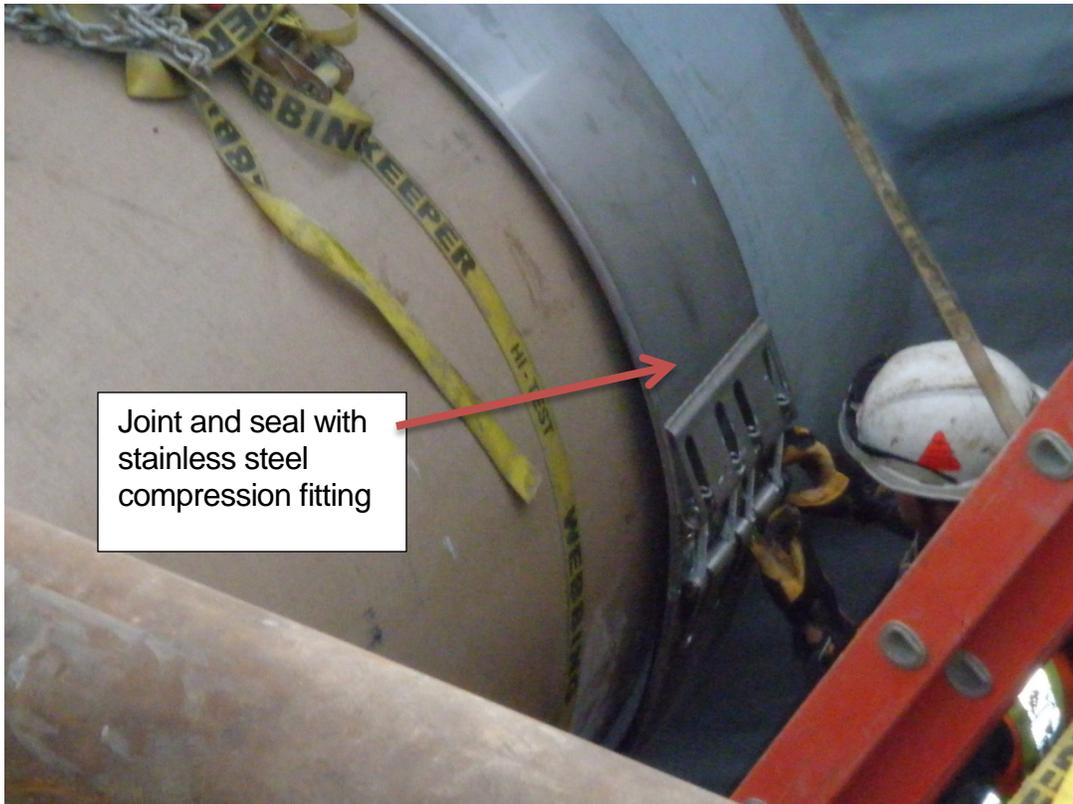
Re: Outfall 002 Joint Inspection North of AICO inlet area.

1.0 Background: During the Outfall 002 inspection (December 15, 2011 by Ernie Dibal and Colm Chomicky), seepage was observed north of the AICO inlet where the new manhole joins the 60-inch Hobas pipe. Water was dripping from the pipe crown at the joint between the new Hobas pipe and new manhole (north, upstream side of manhole). Rust-colored staining associated with the seepage was also observed. Below are several photos of the seepage



Additional Photos below are exterior views of the joint during construction







2.0 Inspection by Kissick Construction 01/04/2012: Kissick Construction was notified of the need for warrantee repair on January 02, 2012 by Elaine Brewer. Kissick arrived at the AICO area at 9:00 am on January 4, 2012 and performed confined space entry to inspect the seepage. The inspection lasted approximately 10 minutes. Kissick stated that they will notify HOBAS, the manhole manufacturer and their local general pipe supplier to evaluate possible solutions.