



TO: John Paul Castro, Utilities Director, City of Key West

COPIES: John Bartelmo, CH2M. / OMI, Inc.

FROM: Ricky Collins, CH2M. / OMI, Inc.

DATE: November 23, 2015

SUBJECT: Lift Station “B” Repair Kits

Action statement:

To purchase rebuild kits for the force main stations for district “B”

Background:

The city uses force main stations in most of the districts to convey raw sewage to the waste water treatment plant, a failure of one of the two pumps located at each lift stations would leave only one pump running, a failure of the second pump while waiting for parts could lead to a raw sewage spill.

Purpose and Justification:

These rebuild kits are essential for maintaining the force main station during normal maintenance and emergency breakdowns. These rebuild kits must be kept in stock due to the long lead time in procuring them. With the ongoing “Carolyn Street” project this will place a heavy load on pump station “B” from the de-watering taking place.

Options:

Purchase the rebuild kits to maintain these critical lift station pumps.

Do not purchase and order rebuild kits at time of overhaul and leave lift station with only one pump while waiting for these long lead time items. (5 – 8 wks)

Financial Impact:

Impact to the general sewer fund will be \$ 12,894.00

Recommendation:

Staff recommends the purchase of three (2) rebuild kits.