



1. Project Name: Kahului Wastewater SPP
2. Date of Inspection: September 16, 2009
3. Inspection Personnel:

<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a. <u>Dan Meyers</u>	COE	438-8875
b. <u>Arnold Abe</u>	DEM	270-7268
c. <u>Juan Rivera</u>	DEM	270-7268
d. <u>Walter Urban</u>	DEM	877-9808

4. Discussion:

The project consists of 450 LF of revetted shore protection. The project begins on the west side at Sta. 11+50 and ends on the east side (beach park) at Sta. 16+00. Damages have occurred at Sta. 11+50 and Sta. 15+50. These damages were first noticed during the inspection by the CEI and are may be due to the high waves associated with Hurricane Felicia. The Department of Environmental Management (DEM) is planning on extending the SPP approx. 1,500 LF. This will impact both ends of the existing structure.

5. Rating for FY09:

Project Rating: “**MS, Marginally Satisfactory**”

Project Condition Code: “**MA, Minimally Acceptable**”

Project Status: “**Active**”





- a. Sta. 11+50, Beginning of project, west-end, recent damages approximate 20 to 25 LF of armor stone & underlayer exposed, needs to be reset.



- b. Sta. 12+00, Remove the vegetation from the crest of the structure, as needed.



c. Sta. 12+00, Reset armor stone in 2 ft. void on sideslope.



d. Sta. 12+50, Monitor void and bridging armor stone on the sideslope.  
minor change this year.



- e. Sta. 12+75, reset flipped armor stone or add new armor stone to void.



- f. Sta. 13+14, Monitor settling at the crest. No change this year.
- g. Sta. 13+50, Monitor slight depression at the hinge.



- h. Sta. 13+00, 1 ea. Monitor flipped armor stone. No change. FY04 photo.



- i. Sta. 13+98, monitor armor stone movement adjacent to the toe.
- j. Sta. 14+00, 1 ea. Dislodged armor stone resting adj. toe, new this inspection.



- k. Sta. 14+03, Monitor slight depression at the hinge. Slight Change this year.



- l. Sta. 14+50, 1 ea armor stone resting at toe, no obvious voids. 2 ea. Armor stones resting adj. toe.



- m. Sta. 15+50 to Sta. 15+86, The void and depression have combined. Recent changes in 25 LF of sideslope settling and armor stone movement, underlayer exposed.



n. Sta. 15+90, Overview, remove vegetation from armor stones..



o. Sta. 16+00, Monitor sand erosion at tie-back.



6. Conclusion:

It has been determined by the FCCE Program Manager that the recent damages at Sta. 11+50 and Sta. 15+50 are not related to Hurricane Felicia, and not eligible for PL84-99 rehabilitation.

Signed: \_\_\_\_\_  
Dan Meyers, CEPOH-EC-T

Signed: \_\_\_\_\_  
Steve Yamamoto, P.E., Ch, CEPOH-EC-T

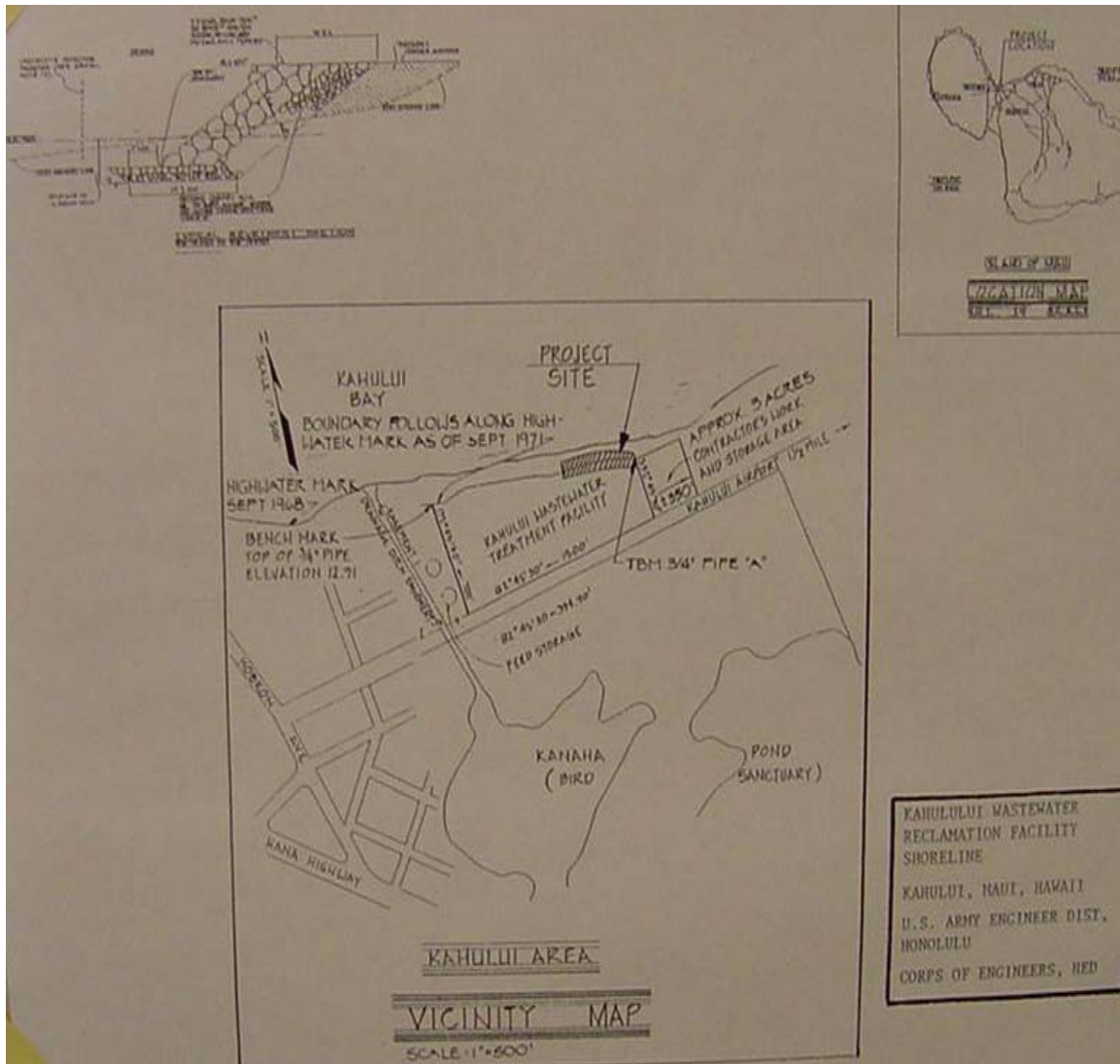
Enclosure(s)  
Site Plan





CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT  
 FOR HURRICANE & SHORE PROTECTION PROJECTS  
 Honolulu Engineer District  
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