

## O & M INSPECTION REPORT FOR NAVIGATION AND SHORE PROTECTION PROJECTS

1. Project Name: Port Allen Deep Draft Harbor
2. Date of Inspection: 06 September 2002
3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	Pat Tom	COE	438-8874
b.	Eric Li	COE	438-8862

4. Discussion:

\* = From report date 28 March 2001

Breakwater:

STATION	REACH	COMMENTS
0-30 to 0+59	#1	Root
0+60 to 4+99	#2A	Trunk
5+00 to 10+74	#2B	Trunk
10+75 to 10+99	#2C	Trunk
11+00 to 11+30	3	Head



- a. \*Access to breakwater.



b. Overview of Port Allen DDH's Breakwater.



c. Sta. 0+00 to Sta. 0-30, OS.



d. \*Sta. 0-30, OS, sideslope is OK.



e. \*Sta. 0-20, HS, 2-3 foot depression, 2 foot breach, and dislocated crest armor stones.



f. Sta. 0-20, picture taken 2002. See last years comment paragraph "g".



g. \*Sta. 0-20, Crest/HS, It appears the breakwater overtopped washing-out an area approx. 30 sqft. HS of centerline, and breached a 2' - 3' opening, armor stones and underlayer are resting adjacent the toe on the HS .

h. \*Sta. 0+60, OS, depression/valley of sideslope from waterline to crest, approx. 3' depressed-in; overall length 10' (no picture).



i. Sta. 0+75 to Sta. 1+00, HS, sideslope steepening, 1' separation at the hinge. No change - same as last year.



j. Sta. 1+20, OS: 1 ea. armor stone dislodged, no other damage noted. No change - same as last year.



k. Sta. 2+30, HS,: fractured armor stone on sideslope.



l. \*Sta. 5+00, HS, Sideslope steepening, minor separation at the crest/sideslope hinge.

m. \*Sta. 6+40, HS, Cavity approx. 4-5' deep, 6' x 6' at waterline in armor stone sideslope, some small underlayer left in place, 6' dia. armor stone dislocated approx. 10' from toe (no picture).

n. \*Sta. 6+80, HS, Cavity approx. 4-5' deep, 6' x 6' at waterline in armor stone sideslope, bridging only (no picture).

o. \*Sta. 7+00, HS, Cavity approx. 5' deep, 6' x 6' at the waterline in armor stone sideslope, underlayer exposed and spilling out (no picture).



p. \*Sta. 7+75, Armor stone resting on crest, small adj. void.



q. \*Sta. 9+00, Crest, 25LF settling of armor stone, minor separation at crest/sideslope hinge.



r. \*Sta. 9+78, OS, Voids at waterline approx. 5' x 5'.



s. \*Sta. 10+00, Crest 25LF settling of armor stone.



u. \*Sta. 10+00, OS, Dislocated armor stones @ waterline/toe, voids and sideslope settling.



v. \*Sta. 10+00, OS, Overview.



W. \*Sta. 10+00, HS, Overview

X. \*Sta. 10+49, OS, Cavity at waterline approx. 5' x 5' (no picture).



Y. \*Sta. 10+69 (area), OS, Dislocated armor stones @ waterline/toe, voids.



Z. Sta. 11+10 to start, Overview

5. Findings/Conclusions:

Funds have been budgeted for FY04 to prepare plans and specs for the repair of the root section of the breakwater, between Sta. 0-20 and Sta. 3+00. Funds have been budgeted for FY05 for a construction contract to repair this root section.

Continue to monitor root section and Sta. 10+00 depression/sideslope movement.

Signed: \_\_\_\_\_  
Eric Li, E.I.T., CEPOH-EC-T

Signed: \_\_\_\_\_  
Jim Pennaz P.E., Ch, CEPOH-EC-T

Additional Photos  
Project Index Map  
Project Stationing Map