



DEPARTMENT OF THE ARMY  
 WATERWAYS EXPERIMENT STATION, CORPS OF ENGINEERS  
 P.O. BOX 631  
 VICKSBURG, MISSISSIPPI 39180-0631

*Paul*  
*Please refer to file.*  
 10 APR '87  
*L. B.*

REPLY TO  
 ATTENTION OF

WESCD-S

SUBJECT: Progress Report, Sand Island Disposal, Mobile Harbor, AL

Commander  
 U.S. Army Engineer District, Mobile  
 ATTN: SAMOP-ON (Mr. Paul Bradley)  
 P.O. Box 2288  
 Mobile, AL 36628-0001

1. Work accomplished during March 1987 included the following:

a. Contractor's Report of Survey for the January sediment samples was entered into a data base, along with the dates and coordinates of the hopper samples.

b. Sediment sample designations were changed to eliminate use of the same nomenclature for disposal coordinates, sand sample, and drifter release locations. Consistent designations and state plane coordinates for use in future surveys were coordinated with the Mobile District (SAM).

c. Sea-bed drifter information posters were posted in prominent locations along Dauphin Island. The first three sea-bed drifter releases were conducted on 3, 19, and 31 March. The disposal test and importance of information return on sea-bed drifters from volunteers were explained to students at the Dauphin Island Elementary School.

d. Arrangements were made with the Dauphin Island Sea Laboratory to store a Waterways Experiment Station's (WES) boat for Corps of Engineers' personnel to collect drifters from Sand Island.

e. Sand Island, Mobile Point, eastern Dauphin Island, and the Mobile Entrance Channel were digitized from SAMEN-PS maps and added to WES's Coastal Engineering Research Center data base.

f. Relocation of the wave gage to shallower water was coordinated with the U.S. Coast Guard.

2. Plans for April include:

a. Obtain first post-disposal sand samples from contractor. Begin grain-size analysis of these samples and the January predisposal and hopper samples.

*1110-2-11506*  
*Dauphin Island*  
*March 1987*

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b. Conduct fourth and fifth sea-bed drifter releases; and participate in fourth and fifth survey, including initial side-scan survey.

c. Prepare draft letter and enclosures for SAM to respond to drifter volunteers.

3. Should any questions arise concerning this progress report or study, please contact Mr. Edward B. Hands (FTS 542-2088) directly.

FOR THE COMMANDER AND DIRECTOR:

ROBERT W. WHALIN, PhD, PE  
Technical Director

CF:

SAMOP (Mr. Pat Langan)

SAMEN-PS (Mr. James Reeves)

SADEN-TH (Mr. Bert Holler)

DAEN-CWH-D (Mr. John H. Lockhart, Jr.)

WRSC-D (Mr. William R. Murden)