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November 16, 1995

Project Number 6884

Mr. Robert Krivinkas
Remedial Project Manager
Northern Division, Naval Facilities Engineering Command
10 Industrial Highway, Mail Stop 82
Lester, Pennsylvania 19113

Reference: CLEAN Contract No. N62472-90-D-1298
Contract Task Order No. 0254

Subject: Vibracore Locations, Former Derecktor Shipyard/Coddington Cove

Dear Mr. Krivinkas:

Brown and Root has compiled a list of locations to perform vibracore drilling at Coddington Cove, in the area of Piers 1 & 2, and the former Derecktor Shipyard. This work will be performed as described in the Scope of Work for the Off-Shore Ecological Risk Assessment for Derecktor Shipyard under CTO 254.

The Scope of Work stated that six of the vibracore samples would be taken as continuations of the one-meter core samples collected in October 1995. As described below, Stations 31 (V-2), 40 (V-6) and 29 (V-7) are planned in this manner. Rocky conditions at Station 26 preclude vibracore attempts. Stations 36 (V-1) and 35 (V-12) were relocated for vibracore because the one meter core samples taken from these stations show clean, sandy material with no obvious contamination. Other stations were selected based on findings of the geophysical survey data performed as a part of the ecorisk assessment, and bathymetry data developed prior to this study.

These locations are depicted on the attached sketch. They have been selected as follows:

- V-1 Representation in the north portions of the study area. This location was combined from sediment stations 36 and 26.
- V-2 Sediment station 31, as described in the work plan. A surface grab sample and a one-meter core sample have been collected at this location, and are currently undergoing analysis.
- V-3 Sediment station 34, as described in the work plan. A surface grab sample has been collected at this location, and is currently undergoing analysis. Geophysical survey data shows a potential depositional area south of Pier 1.
- V-4 Sediment station 28, as described in the work plan. A surface grab sample has been collected at this location, and is currently undergoing analysis.
- V-5 Sediment station 30, as described in the work plan. A surface grab sample has been collected at this location, and is currently undergoing analysis. Geophysical survey data shows a potential depositional area south of Pier 1.



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- V-6 Sediment station 29, as described in the work plan. A surface grab sample and a one-meter core sample have been collected at this location, and are currently undergoing analysis. This is the former location of the "Greenport Ferry" used by Derektor as work space.
- V-7 Sediment station 40, as described in the work plan. A surface grab sample and a one-meter core sample have been collected at this location, and are currently undergoing analysis. This is the location of the so-called "dead zone".
- V-8 Sediment station 41, as described in the work plan. A surface grab sample has been collected at this location, and is currently undergoing analysis. This is the location of the so-called "dead zone".
- V-9 Sediment station 27, as described in the work plan. A surface grab sample has been collected at this location, and is currently undergoing analysis.
- V-10, 11, 13, and 14:
Pier 1. Former location of dry docks operated by Derektor. Bathymetry data and Geophysical data indicate these are areas of deposition, and no other sediment stations are present in these areas.
- V-12 South of Pier 1. Geophysical survey data shows a potential depositional area at this location.
- V-15 South of Building A18 (on pilings). Bathymetry data and geophysical data indicate that this may be an area of deposition.

The vibrocore drilling is scheduled to be performed on November 20 through 22, pending weather conditions and successful access and acquisition of berthing space at NETC during the current government shut-down. I will keep you apprised of our progress.

Very truly yours,

Stephen S. Parker
Project Manager

SSP/ib

Attachment

- c: B. Wheeler, NETC Newport w/attach.
- T. Bober, NORTHDIV w/attach.
- J. Trepanowski/M. Turco, B&R Environmental w/attach.
- H. Laguette, B&R Environmental w/attach.
- File 6884-3.2 w/o attach., 6884-2.1 w/attach.

