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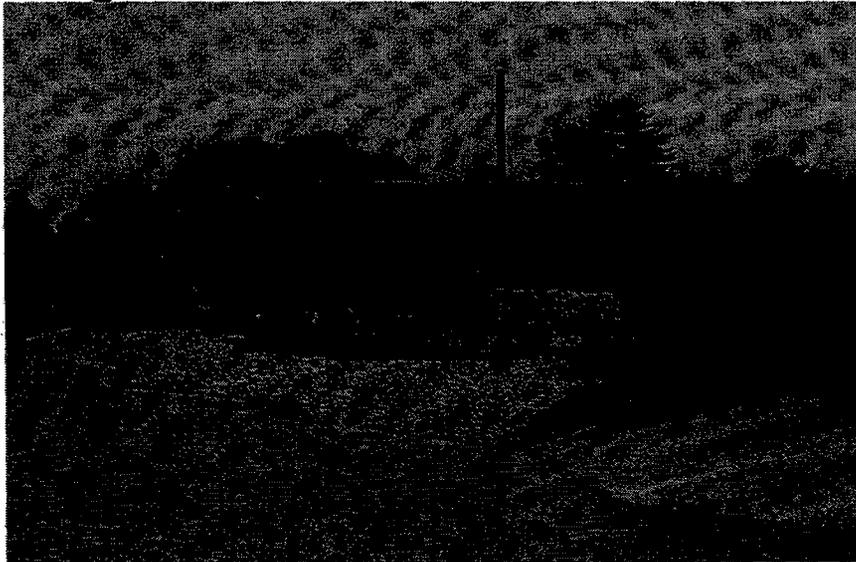
PRESENTATION OF SLIDES AT RESTORATION ADVISORY BOARD MEETING ON 27
JANUARY 2009 REGARDING UPDATES TO OPERABLE UNIT 7 (OU 7) NSY PORTSMOUTH
ME
1/27/2009
NAVFAC NORTHEAST

OPERABLE UNIT 7 (SITE 32) UPDATE

January 27, 2009

OPERABLE UNIT 7 (Site 32 – Topeka Pier)

- PAH, PCBs, and metals are the main contaminants detected in soil.
- Metals are the main contaminants detected in groundwater.



2006	Shoreline work
Nov 08	Final Phase II RI workplan (Revision 1)
Nov 08 to Jan 09	Phase II RI fieldwork
Jun 09	Phase II Data Package and Draft Technical Memo
Jan 10	Draft RI Report

Phase II Investigation

Phase II of the RI was conducted to fill data gaps to support the understanding of

- the nature and extent of soil contamination,
- potential for contaminant migration to the offshore area, and
- the extent of sediment contamination.

Summary of Field Activities

- **October 2007**
 - MW inspection of Site 32 and Site 30 (Building 184) wells
- **June 2008**
 - High and low tide water level measurement
 - Initial recon of Site 32 shoreline
- **November 2008**
 - Existing monitoring wells redeveloped
 - Twenty three soil borings installed
 - Two monitoring wells installed (MEDEP was present)
 - Three existing monitoring wells modified (stickup to flush mount)
 - Several wells repaired (new road boxes)
- **December 2008**
 - Two new monitoring wells developed
 - Twenty sediment cores collected
 - Seventeen monitoring wells sampled (including 4 wells at Site 30)
- **January 2009**
 - Three existing wells and two new wells surveyed

Highlights

- **Soil Sampling**

- All planned samples collected in arsenic and PCB areas
- Poor recovery in potentially clean fill area

- **Sediment Sampling**

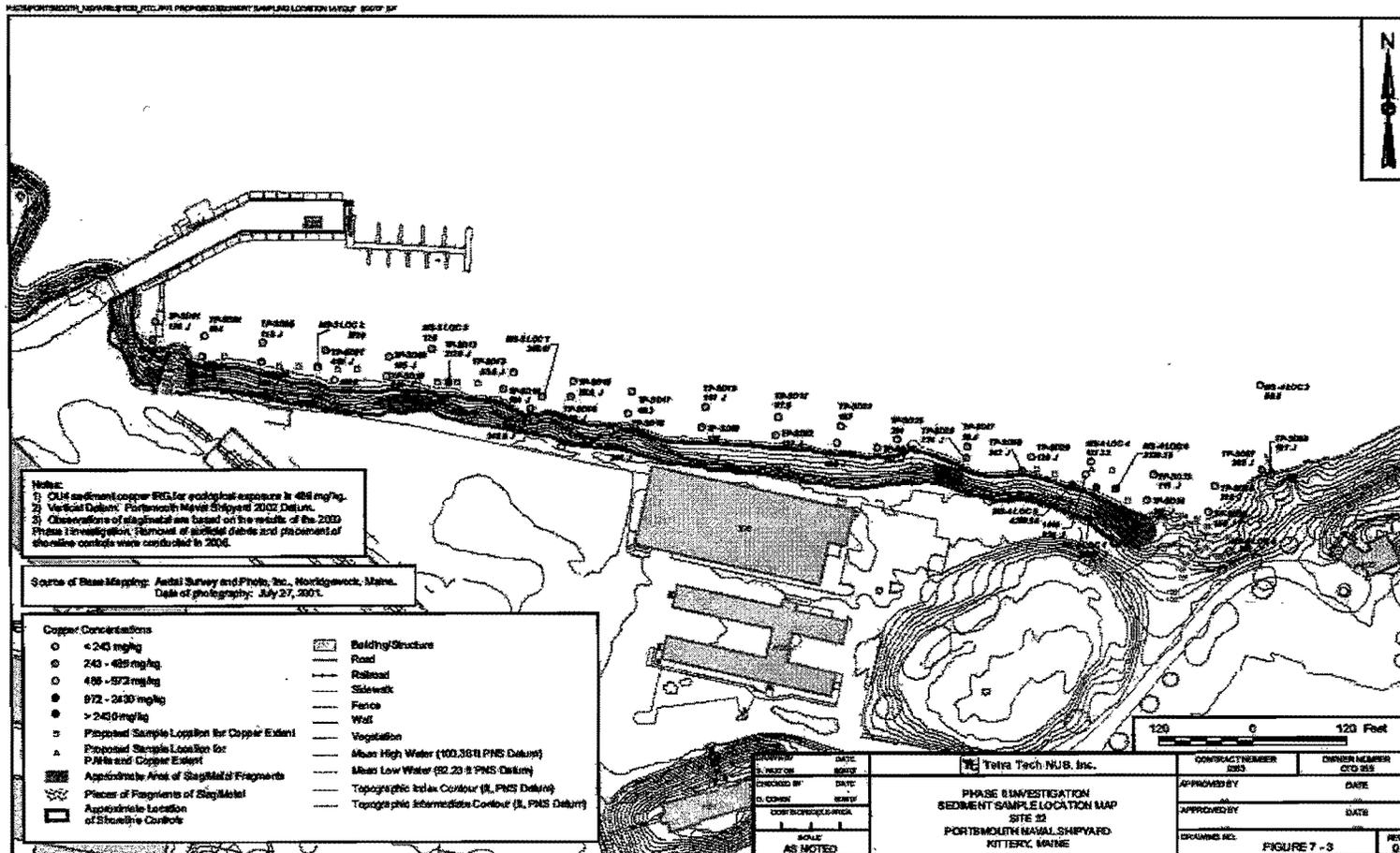
- All proposed samples collected
- Sediment collection method differs slightly from work plan

- **Groundwater Sampling**

- **Petroleum Evaluation**

- Jar tests conducted in accordance with MEDEP guidance at 2-foot intervals from 6 to 16 feet bgs
- All jar tests were negative – no petroleum product found

OU7 RI: Sediment Sampling Locations



What's Next?

- Soil sample results being validated
- Sediment and groundwater sample results expected from the laboratory end of January
- Anticipated dates for deliverables
 - Data package – June 2009
 - Draft technical memorandum – June 2009