

**73rd RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL CONSTRUCTION BATTALION CENTER DAVISVILLE
NORTH KINGSTOWN, RHODE ISLAND
NOTES FROM THE 22 JANUARY 2009 MEETING**

The 73rd Restoration Advisory Board meeting was held at the Quonset Development Corporation (QDC) Conference Center at 95 Cripe Street in North Kingstown, Rhode Island. The meeting agenda for the 73rd RAB is included as Attachment A. The attendance list for the 73rd RAB is included as Attachment B.

David Barney, the Navy's BRAC Environmental Coordinator, convened the meeting at approximately 7:00 PM on 22 January 2009.

NEXT RESTORATION ADVISORY BOARD MEETING

The next RAB meeting will be held on 30 April 2009 at 7:00 PM at the QDC Conference Center. The Navy will send out postcards prior to the next RAB meeting reminding the public of the date, time, and location of the next meeting.

LONG-TERM MONITORING UPDATES

Steve Vetere gave a brief update on long-term monitoring schedules:

Tetra Tech completed the 27th quarterly monitoring round at Allen Harbor Landfill in December 2008. The next monitoring round is scheduled for March 2009. Data from the September 2008 quarterly monitoring round is due for submittal to the BCT in a couple of weeks.

Tetra Tech completed the 11th monitoring round at Calf Pasture Point in October 2008. The data from this sampling round will be submitted to the BCT for review in mid-February. The next scheduled round of sampling at Calf Pasture Point is in the spring, after completion of the March 2009 event at the landfill.

Also, the Navy is working on two of the action items that were established in the five-year review completed in March 2008:

- First, in the next month the Navy will be submitting a draft Sampling and Analysis Plan for Long-Term Monitoring at Calf Pasture Point. This document will outline the Navy's proposal to optimize the long-term risk monitoring program at Calf Pasture Point. The revised monitoring plan will use data collected over the first 11 rounds of monitoring to focus sample collection toward those locations that are critical to assess the stability of the groundwater plume and to evaluate potential human health risks associated with exposure to the shoreline environment. This will enable the Navy to continually verify that the current remedy is protective of human health.
- Also, the Navy provided an initial draft fact sheet to the BCT describing the remedial actions that have been taken at Calf Pasture Point and discussing, in laymen's terms, the measures that are being taken by the Navy to ensure that there are no hazardous exposures to the contamination that is present in groundwater beneath Calf Pasture Point. Ultimately, this fact sheet will be posted at Calf Pasture Point for the benefit of the public. Mr. Jay O'Brien, North Kingstown resident, requested that the fact sheet be completed by April 15, 2009, which is the planned opening for the park at Calf Pasture Point. Dave Barney of the Navy agreed this would be a good target date.

EBS 21 is the former location of an aboveground oil storage tank, from which a release of petroleum product occurred during the late 1970s. The Navy completed several removal actions at this site including free product extraction and soil excavation. Since 2001, the Navy has been conducting long-term monitoring of groundwater to monitor the extent to which petroleum concentrations are decreasing through natural degradation. Within the last two years, the Navy has observed concentrations at or below RIDEM groundwater standards. In December 2008 and January 2009, the Navy collected two additional

rounds of groundwater samples from monitoring wells located at EBS 21 to verify that concentrations of petroleum constituents are below RIDEM standards and that groundwater monitoring can be discontinued. The sampling data will be available for review and submittal in February.

SITE 16 REMEDIAL INVESTIGATION/FEASIBILITY STUDY

Lee Ann Sinagoga provided an update on the status of the Site 16 Remedial Investigation/Feasibility Study. The draft Remedial Investigation (RI) Report for Site 16 will be delivered to the BCT on September 26. The RI report summarized the nature and extent of contamination and quantifies risks associated with contamination that is present in environmental media at the site. The EPA and RIDEM provided comments to the Navy on the RI report, and the Navy is in the process of developing responses to these comments. Concurrently, the Navy is working on the Feasibility Study, which utilizes the findings of the risk assessments and evaluates potential remedial options to mitigate potential risks. The Feasibility Study Report is due to be provided to the regulators on February 16, 2009.

PRESENTATION: PHASE II SOIL/DRUM RESPONSE AT FORMER ADMINISTRATIVE TRIANGLE

S. Vetere gave a presentation on the second phase of a soil/drum response that was taken by the Navy in response to the discovery of buried drums during construction of the Lowe's Home Center on Davisville Road. Slides from the presentation are included as Attachment C.

At the previous RAB meeting, the Navy presented a slide show on the initial response that was taken to remove a stockpile of soil and drums that was left behind at the site in May. The Navy segregated soils from the drum debris, characterized waste materials for off-site disposal, and removed soils/drums from the site. There was no subsurface exploration or removal of potentially contaminated material located below the ground surface during this initial effort.

A second phase of investigation was undertaken by the Navy during December 2008 in which test pits were excavated throughout the area adjacent to the utility excavation where additional drums and/or contaminated soils were suspected. During test pitting activities, one small container and remnants of several other containers were encountered, but it became apparent that the vast majority of buried containers had been removed during the initial excavation. Petroleum stained soils were also encountered and removed during excavation activities.

In total, approximately 50 cubic yards (78 tons) of petroleum-impacted soils and container debris were removed from the site, containerized into roll-off containers, and transported off-site for disposal at a licensed landfill. After soils were removed from the ground, cleanup confirmation samples were collected from the sidewalls and bottom of the open excavation. Analytical results from these samples indicated that soils remaining in the excavation were in compliance with the RIDEM Direct Exposure Criteria for Residential Soils, meaning that no further remediation is necessary and the site is suitable for use without restrictions. Clean backfill material was brought on to the site to restore the excavation area to its original grade.

OUTFALL SOIL REMOVAL

The presentation also included a brief summary of another removal undertaken by the Navy this winter at Davisville. In the fall of 2008, during routine maintenance activities, QDC excavated some petroleum-impacted soils from an old storm water outfall located behind the new parking area adjacent to Sanford Road. A stockpile consisting of approximately 15 cubic yards (23 tons) of soils was staged adjacent to the outfall. During December 2008, the Navy collected a soil sample from this material to characterize these soils for proper disposal. In January, these soils were loaded into a truck and transported to an off-site landfill for disposal. A second phase of investigation is planned at the outfall to determine the nature and extent of contamination in the outfall pipe and in the area downstream from the discharge point of the pipe. The Navy has not yet developed a work plan for this investigation.

FORMER PR-58 NIKE SITE

Rich Gottlieb of RIDEM gave an update on the status of the Remedial Investigation (RI) at the Former PR-58 Nike Site. The Army Corps of Engineers has been reviewing historical data from the site in an effort to identify data gaps that need to be filled in order to complete the RI and proceed to the evaluation of remedial alternatives. This data review will result in recommendations to install additional monitoring wells to help delineate the nature and extent of the groundwater plume emanating from the Nike Site. Installation of wells and collection of additional data is expected to begin during the spring months.

Tonight's meeting concluded at approximately 7:30 P.M.

ATTACHMENT A

22 JANUARY 2009 RAB MEETING AGENDA

**FORMER NCBC DAVISVILLE
73rd RESTORATION ADVISORY BOARD MEETING
THURSDAY, 22 JANUARY 2009, 7:00 PM
95 CRIPE STREET – QDC CONFERENCE CENTER
AGENDA**

RAB Meetings – Next Meeting Date

Long-Term Monitoring Program Updates

- Site 09: Allen Harbor Landfill
- Site 07: Calf Pasture Point
- EBS 21: Former Aboveground Storage Tank DC-133

Site 16: Remedial Investigation/Feasibility Study Progress

Outfall Soil Removal

Presentation: Phase II Soil-Drum Response in Former Administrative Triangle

PR-58 Nike Site Update

ATTACHMENT B

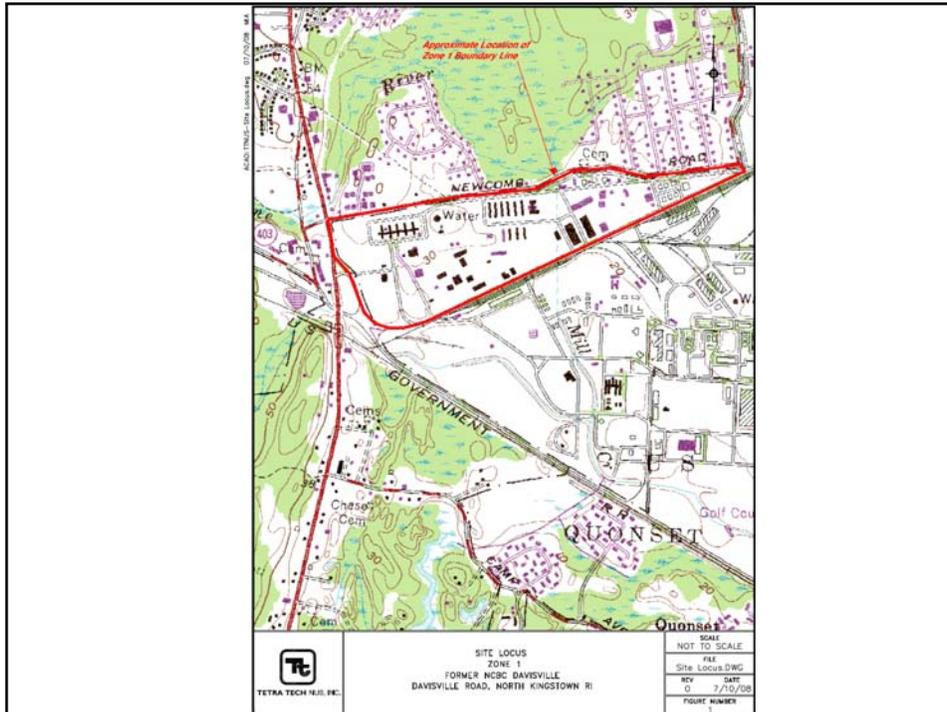
22 JANUARY 2009 RAB MEETING ATTENDANCE LIST

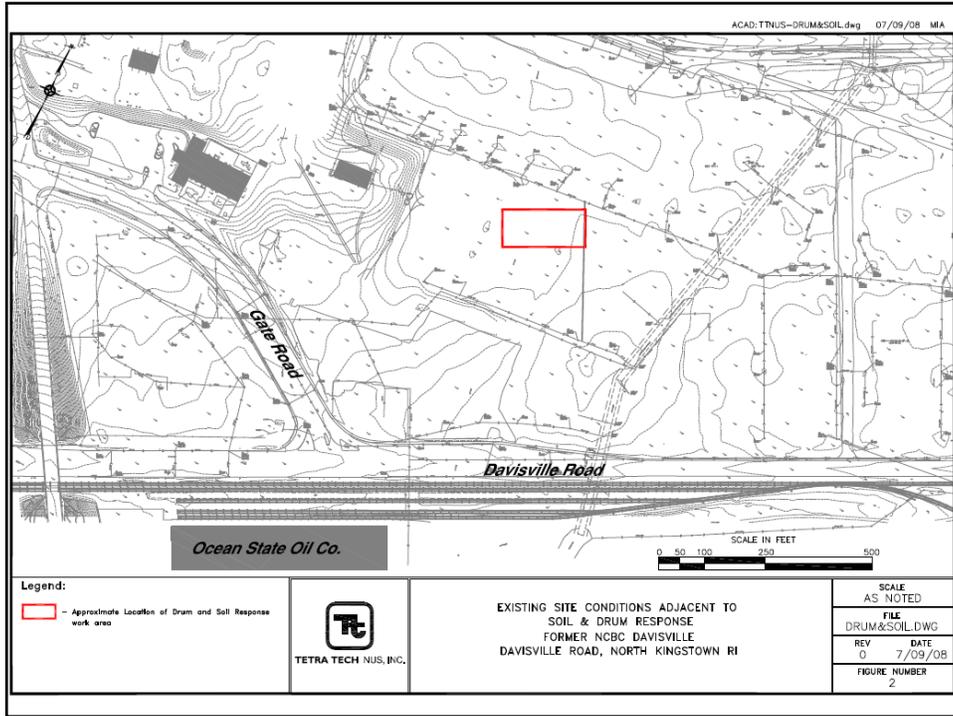
ATTACHMENT C

PRESENTATION SLIDES FROM 22 JANUARY 2009 RAB MEETING

Phase II Soil and Drum Response Davisville Road

December 2008







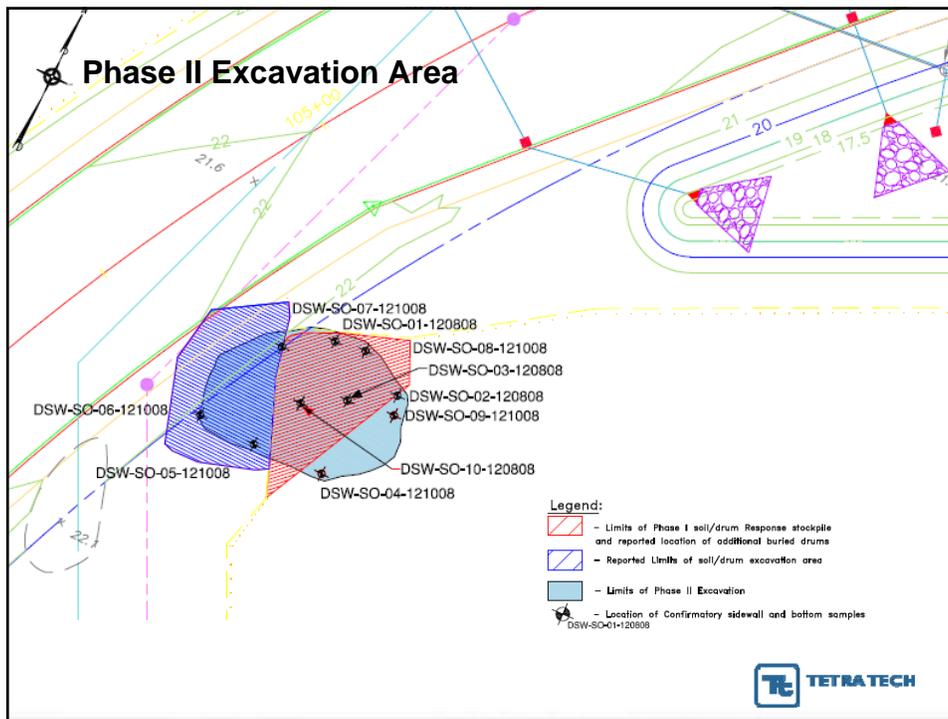




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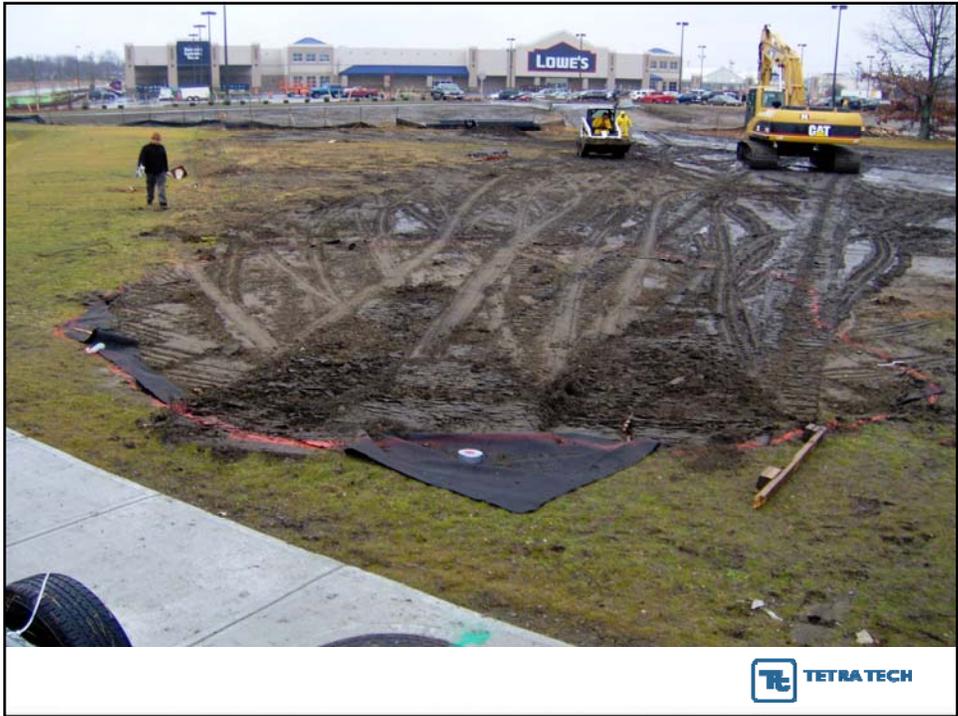


Confirmation Sampling Results

All sidewall and bottom samples contain < 100 mg/kg TPH/GRO except three samples along north and east walls and easternmost bottom sample.

However, these samples do not contain VOCs, SVOCs, or PAHs above RIDEM Direct Exposure Criteria for Residential Soils.

Navy recommends no further action since confirmation samples comply with RIDEM regulations.



Outfall Soil Removal Sanford Road



December 2008





 TETRA TECH



 TETRA TECH

Characterization and Disposal of Stockpile

23 tons of soil transported under non-hazardous waste manifest to licensed landfill.

Petroleum hydrocarbons, PCBs, PAHs, lead detected in waste characterization samples.

Additional investigation of drainage pipe recommended to evaluate potential sources of contamination.

