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MINUTES FROM ENVIRONMENTAL CLEANUP PROJECT TEAM MEETING DATED 12
JANUARY 1998 CNC CHARLESTON SC
1/12/1998

**Naval Base Charleston
Environmental Cleanup Project Team Technical Subcommittee
Draft Meeting Minutes**

Date:

1/12/98

Place:

NAVBASE

Charleston, Band Room

Time: 1100

Attendees: Dann Spariosu, Tony Hunt, Daryle Fontenot, Reese Batten, Todd Haverkost, Dave Backus Johnny Tapia, Paul Bergstrand

Invited Guests: Jay Bassett, Jay Cornelius, David Trimm (EnSafe)
See attached guest list for others.

Leader: Dann Spariosu

Scribe: Dave Backus

Discussion/Decisions

9801S-M245	NRL	<p>Brief intro to the Naval Research Lab and who they are as an organization</p> <ul style="list-style-type: none"> • At NAVBASE NRL was tasked to perform the finger printing of fuel at SWMU 39 using stable isotopes. The intent was to help establish ownership/responsibility of the fuel contamination in groundwater. • NRL also evaluated the degradation of the TCE plume. • The presence of MTBE in MW-2 and not in MW-11 suggests 2 plumes/sources. Leaded fuel in MW-11 and unleaded in MW-1.
9801S-M246	Jay C.	<p>Zone J Background Study Strategy PAHs - Signif. exceed at mouth's of DD PEST - Signif exceed at headwater of SYC As - Exceeded sediment screening in all areas. Cooper River - Major concerns around dry docks with PAHs, metals Shipyard Creek - Metals and PEST at head waters were major concern. Noisette Creek - Lead at mouth. David Trimm suggests normalizing these data-sets to grain size distribution to evaluate different depositional systems. Surface Water - Metals, organotin (1), some PAHs - mostly at DD and Shipyard Creek predominantly in head waters. Rick Coffin - (NRL) suggests looking at specification of PAHs in the deflection distribution areas. EnSafe recommendation - Compare these data to background, risk evaluation, toxicity studies (?). Provide preliminary screening report. Gary Benfield and Tom Dillon - state next steps are dual paper exercise: Compare values to sed screening values along with background. If conc. does not exceed SSL or Background, then it is not a COPC. NRL et.al., suggests going forward with grain size analysis and river flow velocities at contaminant areas of concern. Tetra Tech - Summary of background strategy. Determined that the Wando was as close a model for how the Cooper was before industrialization.</p>



		<p>Attempts to look at contaminant allocation (aside from Macalloy) were not successful.</p> <p>USFWS - interpreted TT background document, was going to take background into the risk determination. They do not want the risk (ECO) risk tainted by background.</p> <p>TT & EnSafe state that background will not be used in risk determinations. Risk is Risk! Background will be provided to the team as a risk management tool.</p> <p>Jay's Proposal Where We Go From Here?</p> <ol style="list-style-type: none"> 1. Existing data (compile) 2. Previous test studies (research) 3. Preliminary end points (determine) 4. Run preliminary risk evaluation 5. Set up small subcommittee of eco risk personnel to discuss where we go from here based on results. <p>Potential - Subcommittee:</p> <p>Lynn Wellman - EPA Tom Dillon - NOAA/Hazmat Rusty Jeffers - US FW Priscilla Wendt - SCDHEC David Trimm - EnSafe Tony Hunt - SDIV</p>
9801S - M247		<p>SWMU 39 Hess Oil Update</p> <ul style="list-style-type: none"> • Last sampling was late December '97. • Dissolved phase plume has been defined. • Propose bi-annual sampling from here on. • Will install 2 more wells on their property. • Alex SaHave 732/750-6918 <p>New Hess contact</p> <ul style="list-style-type: none"> • Joe Farry (Hess consultant) 803/731-4477. <p>From DHEC</p> <ul style="list-style-type: none"> • Lori Murtaugh (sp?) is new state project manager. • Will be submitting CAP soon. • Proposing vacuum enhanced free product recovery. • Last quarterly monitoring is complete at 39, suggest continued Navy monitoring, add MTBE to analyte list. • Natural attenuation monitoring is about to begin by Navy MTBE will be added. <p>TCE Plume</p> <ul style="list-style-type: none"> • Source ID has not been defined. • Plan to monitor for 4 quarters to ensure that plume is stable and degrading. • Johnny is concerned that we are only looking at N.A. • Suggestion made to get together with Hess to coordinate the efforts at SWMU 39 (February, meeting) February 11, 1998.
9801S-M248	Tony	<p>Fuel Distribution System</p> <p>Four areas of contamination have been identified in the system - proposed for moving to UST program.</p> <p>Consensus Passed to</p>

- D -		<p>Transfer of fuel distribution system to UST program with exception of: - SWMU 24, AOC 631. 3 areas identified in today's discussion with RCRA contaminants. Includes 641, 629, 623, 624, 627, 626, 625, 622.</p> <p>Discussion of how to handle the 3 areas with As and metals contamination in GW. SDIV and EnSafe will research what samples are available in the area and come back to the team with proposals for grouping and further actions. By next meeting.</p>
9801S-M249	Tony	<p>PCB detection near SWMU 13 in Zone H</p> <ul style="list-style-type: none"> • DHEC needs letter identifying the site. • Also will need some more characterize samples • Re-evaluate existing data. • Make recommendations on further sampling.
9801S-M250	Tony - D -	<p>Monitoring Natural Attenuation Site identification -(SWMU 39, 166, SWMU 17 and AOC 607) (Also propose SWMU 65) (Building 80 area) (Area around Building 44, 5, 177 in Zone E, C).</p> <p>Problematic after these due to lack of criteria for choosing, no clear need for any others. Navy will begin sampling the sites listed above and develop a list of other candidate sites. Consensus Passed.</p>
9801S-M251	Todd	<p>Zone I - Proposed Additional Sampling</p> <p>AOC 671 - Met in GW; evaluate in risk management decision tree, no need for additional sampling. Consensus Passed.</p> <p>AOC 672, 673 - Risk was 1.6×10^{-4} res, propose 3 additional soil samples for As to further define extent. Consensus Passed.</p> <p>AOC 675, 676, 677 - Main concern was petroleum in groundwater, tanks have been removed, possible candidate for transferred to the UST program to look further at PET in GW.</p> <p>AOC 677-583- Thallium was above SSL. No further samples. Consensus Passed.</p> <p>Motion to suspend this discussion until we have the benefit of the RFA/RFI work plan. Telecon set for Tuesday 1/20/98 at 13:30. Attendance: Tony, Todd, Paul, Johnny, Dann.</p>
9801S-M252	Mac	<p>SWMU 166 Update Proposal for Team to review handout and continue discussion tomorrow. Most important goal of this update is to decide on the process for choosing a remedial option</p> <ul style="list-style-type: none"> • Tony suggests changing the number of the sewer system (at the Annex) instead of the chlorinated plume. • Johnny asks that the Navy send a request letter to DHEC.

Action Items

9801S-A149	Team	Establish a subcommittee to move forward with the ECO risk process for Zone J. Subcommittee will be responsible for the following: <ul style="list-style-type: none">• Compile existing data.• Research previous studies QA/DQO checks.• Determine preliminary assessment and measurement endpoint.• Run preliminary risk evaluation.• Agree on conceptual site model.• Determine data gaps and info needed to fill data gaps (may include background).• Site management decision point.• Process will lead to — NFA— or next ECO step. Begin meeting next month.
9801S-A150	Daryle	Set up meeting with Hess Oil, have them come to next PT meeting February 11 th , Wednesday to discuss future plans for SWMU 39 remediation. By next meeting.



NAVBASE Charleston Project Team
Guest Attendees
Tech Sub Committee Meeting

Barry Spargo

Thomas J. Boyd

Michael T. Montgomery

Richard B. Coffin

David Trimm

Jay Cornelius

Dave Backus

Tony Hunt

Gary Benfield

Johnny Tapia

Paul M. Bergstrand

Rusty Jeffers

Dann Spariosu

Tom Dillon

Reece Batten

Jay Bassett

Todd Haverkost

