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MINUTES FROM ENVIRONMENTAL CLEANUP PROJECT TEAM MEETING DATED 13
APRIL 1999 CNC CHARLESTON SC
4/13/1999

**Naval Base Charleston
Environmental Cleanup Project Team
Meeting Minutes**

Date: 13 to 14 Apr 99

Place: NH-C/Project Team Room

Time: 0800 - 1700

Attendees: Tony Hunt, Reece Batten, David Dodds (SDIV); Melissa King, Paul Bergstrand, Eric Cathcart, Charles Watson (DHEC); Dann Spariosu (USEPA); Jeri Johnson (RDA); Tom Fressilli (CSO); Thomas Beisel (CH2MHill); Larry Bowers (EnSafe); Joe Land (GQI)

Invited Guests: Steve Freeman, Alec Sagebien (Hess); Natalie Warner (Foster Wheeler for Hess); Don Vroblesky (USGS); Jed Heames (DET); Rick Davis (SDIV); Mike Montgomery, Tom Boyd (NRL); Charlie Vernoy, Todd Kafka, Craig Smith, Amy Stehlin, Jay Cornelius (EnSafe)

Leader: David Dodds

Scribe: Larry Bowers

DISCUSSIONS/DECISIONS

9904-M391	David	<p>Check-in</p> <ul style="list-style-type: none"> - Review of ground rules. - Check in of project team members. - Revise agenda.
9904-M392	Melissa	<p>DHEC Staffing</p> <ul style="list-style-type: none"> - Two new DHEC staffers are on line and are present at today's PT meeting; Charles Watson (80% devoted to CNC) and Eric Cathcart (80% devoted to CNC), an engineer and a hydrogeologist, respectively. Not present are Susan Peterson (an engineer) and Mike Danielson (a hydrogeologist) who will be 50% devoted to CNC. - Johnny Tapi's replacement is expected soon. Johnny has accepted a lateral transfer to another department.
9904-M393	Joe	<p>Corporate Name Change</p> <ul style="list-style-type: none"> - The Center for Leadership Development, Inc. has replaced Galileo Quality Institute. All else remains the same.

9904-M394	Joe	<p>New Member Drill</p> <ul style="list-style-type: none"> - Completed. - What you should know about me. - What you should know about the team. - What I expect from you. - What you can expect from me. - Pet Peeves (annoyances). - David, schedules that are not met. - Tony, gossip and lack of responsiveness. - Dann, lack of empowerment of personnel to make decisions at the table. - Larry, unnecessary details/requests. - Tom, hiding things and not bring issues to the table for resolution. - Reece, people who toss trash out their car windows. - Melissa, bad attitudes. - Charles, - Eric, - Paul, the public's misunderstanding of environmental programs.
9904-M395	Tony	<p>Redevelopment and Restoration at CNC</p> <ul style="list-style-type: none"> - Rick Davis, SDIV will arrive this morning to discuss SDIV's proposal for site restoration and redevelopment, simultaneously. - This process will not happen overnight, but SDIV is planning on it soon. - CNC selected as the lucky base. - SDIV will be replaced by a single contractor who takes full responsibility and burden of complete site cleanup and transfer. - More from Rick.
9904-M396	Tony	<p>RAB Agenda</p> <ul style="list-style-type: none"> - Add Rick Davis. - Dann is concerned about DET ISM's quasi-circumventing the public participation process. Public input is required during this process and Dann has not seen much of that. - How do we want to inform the RAB and community members of ISM intent for sites? So far, there really has been no means for RAB or community input into the ISM process.
9904-M397	Tony	<p>CU and Marina FOST Comments</p> <ul style="list-style-type: none"> - Marina (Bldg. 635); EBS referred to a transformer containing PCBs (and it leaked). This transformer was located where 636 now stands. Therefore it is assumed that any impacted soil was removed during the removal of the transformer and the construction of the Bldg. No further action will be taken. - 2 ASTs use to be on property but only 1 remains, and it does not leak. NFA. - The marina will thus be transferred to the Parks and Recreation Commission with unrestricted reuse (officially commercial and recreational reuse). - Incorrectly stated that there was no lead or asbestos in building. FOST will be revised. Asbestos is nonfriable and not accessible. - CU; additional property is being requested for transfer, therefore FOST will be revised and resubmitted.
9904-M398	David	<p>Email Change at SDIV</p> <ul style="list-style-type: none"> - Last name first followed by 2 initials. All else remains the same.

9904-M399	Rick	<p>Outsourcing CNC</p> <ul style="list-style-type: none"> - Handout provided. - Rick briefed the team on the results of SDIV's presentation/briefing to Adm. Granuzzo. - Outsourcing proposed, comparable to FISC Oakland. - Let contractor take the entire base and accept full responsibility for its cleanup, transfer, liabilities for known and unknown contamination ... basically the entire pot of boiling lobsters, clamshells and all. - Firm fixed price, insured.
9904-M400	Joe	<p>Outsourcing Concerns of the PT</p> <ul style="list-style-type: none"> - Slow down schedule. - Why now? - Why CNC? - Did you (SDIV) really think about the ramifications of this? - New/different way of doing business ... better? or worse? - Private firm will be focused on \$\$. - PT would not be empowered (really wouldn't exist) - what recourse would there be to the Navy? - An unknown relationship. - Difficult for a "successful" team to change way of doing business. - Will DHEC/EPA be allow to review SOW and boiler plate proposal? - Lets meet on 26 Apr 99, to discuss this further.

9904-M401	Craig	<p>Zone F RFI C/RTC</p> <ul style="list-style-type: none"> - Handout provided. - Eric comments below. - 1; Charlie Vernoy will provide input tomorrow during his presentation. - 2; per c/rtc - 3; clarification of comment requested - 4; this info (AOC 607) will be provided to Craig from Fred, Krista and Ted (EnSafe CMS team for AOC 607) - 5; need additional rounds of data and revisit issue, then decide on course of action (risk management decision) - 6; ? - 7; OK - 8; arsenic to the RCRA program, fuel to the UST program (proposed by Craig) - 9; OK - 10; OK - 11; ? - 12; DHEC concern ... explain galvanizing process, location of UST, release history, sampling points through concrete apron? - Johnny comments below. - 1 to 10; OK - 11; clarify analytical results of the samples. - 12 to 16; OK - 22; we propose two more wells. - 23 to 25; OK - 26; fate and transport section will be revised to clarify that there is no fate and transport issue.
9904-M402	Larry and David	<p>PT Banner (Mission and Vision Statements)</p> <ul style="list-style-type: none"> - For the most part the PT liked the banner. However, Jeri (RDA) did not like it all (why now?). - Remove blue flying flag in center and replace with BRAC symbol. Group the three key members (SDIV, DHEC, and EPA) around the BRAC symbol. - Good for go after revision.
9904-M403	Jed	<p>Det Update</p> <ul style="list-style-type: none"> - Handout provided. - SWMU 8 is the only approved ISM that is being worked right now. Area 2 excavation to start soon. - A work plan has been generated for SWMU 25 (electrical vault removal). Mike Wheeler is site manager. - SWMU 9 topo map likely late May.
9904-M404	David	<p>CAMP Schedule</p> <ul style="list-style-type: none"> - Schedule was revised with input from team members. - Schedule will be distributed to team members.

9904-M405	David and Joe	<p>RAB Debrief</p> <p>Plus</p> <ul style="list-style-type: none"> - attendance - other members spoke up - DET presentation - alternate opinions from other RAB members - CTF questions - HMO analogy - Gabe's UST/AST update <p>Negative</p> <ul style="list-style-type: none"> - trust issues - lack of preparation of environmental presentation - lack of support by upper USN management - perception that project team not accomplishing anything - late assignment to David - few community members - the use of acronyms - RAB did not fully understand Rick's presentation - RDA believes CAMP is made in stone and does not understand or accept schedule slippage - Rick's simplification of cleanup technologies (such that old technologies are not good, etc.) - no comparison to Oakland site - have we asked RAB for its opinion on issues? - Rick sold them out - Rick presentation had a hidden agenda (which will undo partnering established over the years) - how will you measure success of current team vs new team/contractor? SDIV will put their own spin on the situation to make the "new way" look better than the previous way of doing business.
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9904-M406	Keith	<p>Success Communication</p> <ul style="list-style-type: none"> - The intent of our “success communication” campaign is to provide information to a mixed audience (Navy, RAB, civilian community, consulting community, etc.). - This is seen as an opportunity to share our successes with those who would benefit from this information. - Keith needs 1) a list of what type of successes we would like to share, and 2) a list of audiences that are to be the recipients of this information. - Some potential success stories: 1) How positive reuse has benefitted from environmental work, 2) How environmental work has gone on while facility has continued operations, 3) Responsiveness to FOSL {container facility FOSL in particular}, 4) Success in source control with ISMs that have NOT impaired reuse potential, 5) Environmental management strategy has allowed reuse/reutilization to be a priority over corrective action, 6) Risk management strategy {the significant reduction of sites from the RFA to the RFI to the CMS to the CMS}, 7) Show number of ISMs, asbestos work, LBP work, USTs/ASTs, etc., 8) 607 and 166 progress to date, 9) DET utilization, and 10) CTF conveyance. - Some potential audiences: 1) Washington, 2) State Legislature {DHEC news letter}, 3) Professional publications. - Joe Land conducted a “sticky paper” drill where additional success stories and target audiences were generated. Information provided to Keith.
9904-M407	Charlie and Todd K.	<p>MNA Update and Project Refresher</p> <ul style="list-style-type: none"> - Handout provided. - Two rounds of MNA sampling have been conducted at five sites that are currently in the CMS process: 9, 17, 39, 166 and 607 sites. - Charlie and Todd K. discussed the qualitative assessment approach to MNA; its benefits and its process. - CMS sites that have current TS (treatability study) work in progress will greatly impact any future MNA efforts. Therefore it is NOT advisable to continue the MNA and TS process simultaneously. A start/stop and re-evaluation cycle is recommended and Larry will discuss this in more detail after later during the PT meeting. - Contents of the SWMU 166 Interim MNA Report was discussed. It is a very detailed report that provides limited value to the EnSafe/Navy MNA team and thus a strong recommendation was made to NOT continue with the production of interim MNA reports. - Limitations at the four other sites were discussed. Please see handout. - Presentation concluded with a discussion of the “next step” for the MNA effort at CNC. MNA and TS efforts will no longer be evaluated as simultaneous events at CNC sites. A re-evaluation of MNA will be conducted post TS work (and only if post TS results indicate a need for subsequent MNA evaluation). No more interim MNA reports will be produced for the CNC project. Instead, a full MNA evaluation will be provided in the CMS report because MNA will consist of a potential remedial alternative and its evaluation is mostly applicable to the CMS report stage. - Decision: hold a Tech subcommittee meeting on 26 Apr 99 (EnSafe office) to discuss issue further. Attendees to include Navy, DHEC and EnSafe (CV and TK).

9904-M408	Don	<p>Diffusion Samplers</p> <ul style="list-style-type: none"> - Don Vroblesky, of USGS Columbia SC was an invited guest. Don briefed the team on the benefits and history of diffusion samplers. He said he would help interpret data also. - The team's primary interest was for the use of the d samplers at SWMU 39 primarily in the area of the Noisette Creek and property boundary interface. - Three handouts provided. - DET will be used to place samplers in the field. - Approximately 50 d samplers estimated for the interface zone. Several will go into perimeter wells for correlation purposes while a majority will go into the creek/sediment/shoreline/surface water interface region. - Sampling technique not USEPA approved but has been accepted by several USEPA regions and state agencies throughout the US. - DET (Jed) will provide sample placement points and Navy will buy off. - Several discussions ensued regarding the types of d samplers, their placement and time required for diffusion process. - The team was VERY accepting of this technology and supports its use at SMWU 39 and other applicable sites at CNC.
9904-M409	Alec	<ul style="list-style-type: none"> - Hess Remediation Efforts To DateInvited guests: Alec Sagebien (Hess, Supervisor of Refining and Marketing Remediation), Natalie Warner (Foster Wheeler, Env. Engineer), and Steve Freeman (Hess, Special Projects Foreman). - Delineation efforts are done. - Semi-annual sampling (BTEX, naptha, etc) done in Jan and Jul. About 1.5 feet of product remains on SW portion of property (that is, NW portion of SWMU 39). - Interim CA; vacuum truck used to recover product monthly. - Pilot test completed; vacuum truck used on one well and pressure drops measured on others. About 1 inch of drawdown indicated at well 39014. ZOI close to 06 and 02 also. - At well 11, SWMU 39, Hess has installed a passive free product recovery device (big wick sorta). - Hess remediation system; 7 wells manifolded to a central vac system, product removal is the only goal right now with MNA to polished the remaining dissolved phase. Obviously, pore air in the depressed cone would be vacuumed off also. One to 2 gpm, and about 110 cfm for air. Likely start Jan 00.

9904-M410	Jay and Mike	<p>Zone J update via EnSafe and NRL</p> <ul style="list-style-type: none"> - Jay provided an update on screening values for Zone J sediment. - Multiple screening values can be used. The Zone J RFI completed sediment screening on USEPA values current as of that time. However, new USEPA eco screening values are available. - Tony mentioned the new Navy policy (May 97) which states that the Navy will consider risk from all significant sources and pathways. Does it really matter if the Navy removes the source because another source (non Navy) may be present which would effectively undo any Navy efforts. Therefore, an obvious effort of Navy work will consist of searching for non Navy sources. - Jay provided a list of sediment screening values and the results of using them for Zone J. - Tony reiterated the purpose of the NRL assist. We want to get a better fix on sedimentation rates, particle size analysis and PAH correlation. Also want to get a better fix on mass balance of the CNC water column. And we also want to determine the effects and benefits of mineralization (self remediation) so we don't disturb the process by say, remediation dredging. - Mike Montgomery of the NRL gave an extensive presentation regarding the Zone J sediment results. The next step was discussed.
9904-M411	Larry	<p>SWMU 166 and AOC 607 TS Update</p> <ul style="list-style-type: none"> - Handouts provided. Overhead used. - A brief discussion regarding the results of the step and constant rate pump tests for these two sites were discussed. Pump rates, duration, drawdown curves, etc. ZOI approximately 100 to 200 feet for both sites. And both sites good candidates for proposed TS technologies. No hydrogeologic barriers to TS implementation. - SWMU 166 A-A Sequential Biodegradation TS Design Document has been submitted to the Navy. Coordination and contracting with vendors to start late April. Tentative operational dates and milestones provided in handout. - The reason (e.g. impacted deep aquifer identified during the pump test) for recent GeoProbe sampling activities at AOC 607 was discussed. Analytical results not yet available though. Current technology proposed for TS may be reconsidered based on results of pending GeoProbe data.
9904-M412	Larry	<p>MNA/TS Start/Stop and Re-evaluate Cycle</p> <ul style="list-style-type: none"> - Handouts provided. Overhead used. - Larry reiterated what Charlie and Todd K. discussed during their MNA presentation. - TS and MNA activity will NOT be conducted simultaneously at CMS sites. As soon as site is targeted for TS work, all MNA activities will be placed on hold until the TS is completed and the site is allowed to re-equilibrate (e.g. stabilize hydrogeologically). And MNA work will re-start at sites post the TS only if the results of the TS indicate that MNA may support a polishing role for residual contamination.
9904-M413	Tony	<p>February PT Meeting Action Item Follow-up</p> <ul style="list-style-type: none"> - Will revisit this at June PT meeting.

9904-M414	Joe	<p>Close and Wrap-up</p> <p>Plus</p> <ul style="list-style-type: none"> - team leader did a good job handling rapidly changing agenda priorities - time keeper - good attitudes - Don Vroblesky presentation - New DHEC members comfortable with new roles - MNA/TS Start/Stop and Re-evaluate Cycle discussion - covered a lot - New DHEC personnel present <p>Negative</p> <ul style="list-style-type: none"> - rough meeting, lots of unplanned activities - telephone interruption - changing agenda, constantly - outsourcing assignment - MNA miscommunication - to many out of towners and agenda shuffling
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Action Items

9904-A229	Larry	1 page resumes of team members to Larry. By 15 May.
9904-A230	Tony	Presentation summarizing ISM to date, for next RAB meeting. By 15 May.
9904-A231	David	Coordinate with RW Smith (SCE&G) to ID potentially impacted vaults (SWMU 25 and others) and address responsibilities for work in the areas of existing SWMUs and AOCs. By 15 May.
9904-A232	Paul	Check on air filters at CTF. By 15 May.
9904-A233	Tony	Look at ?art? questions as they relate to alternatives at various sites. By 30 Apr.
9904-A234	Keith	Boil information down for success communication and provide boiler plate/input. Email to team. By 24 Apr.
9904-A235	Tony	Propose list of screening values for Zone J sediment after a consistency determination is completed, etc. By 15 May.
9904-A236	Tony	Revisit February PT meeting action items. By 1 Jun.