

RESTORATION ADVISORY BOARD

Meeting Minutes for Tuesday, August 1, 2000

RESTORATION ADVISORY BOARD MEETING MINUTES

Camp Lejeune's Restoration Advisory Board (RAB) for the Installation Restoration (IR) Program met at Camp Geiger, North Carolina on Tuesday, 01 Auesday 2000 from 6:30 to 9:00 p.m. The following individuals attended:

Jim Swartzenberg, Community Co-Chair
Laura Bader, RAB Community Member
Tracey DeBow, RAB Community Member
Rich Mullins, RAB Community Member
Rick Raines, Camp Lejeune, EMD/IRD
Bob Lowder, Camp Lejeune, EMD/IRD
Nikki Hall, Camp Lejeune, EMD/IRD
Scott Brewer, Camp Lejeune, EMD
Kirk Stephens, LANTDIV
Channing Blackwell, LANTDIV
Jim Dunn, IT/OHM
Randy Smith, IT/OHM
Larry Woods, IT/OHM
Dale Sawyer, IT/OHM
Dave Lown, NC DENR, Superfund Section

Welcome and Introductions (Mr. Rick Raines & Mr. Jim Swartzenburg)

Site 89 Tour

- Mr. Rick Raines provided background information regarding Installation Restoration (IR) Site 89.
IR Site 89 is located on Camp Geiger and is bordered by Edwards Creek to the south, wetlands to the east, and the Camp Geiger Installation to the north and west. An MCAS, New River housing complex is located 500 yards southeast of the Site. IR Site 89 was utilized as a Motor-T operation from the early 50's through 1988. The Site lay dormant for 2 years. Then in 1990, DRMO moved on-site and began operation. A UST was removed from the Site in 1990. A Site Assessment was completed which indicated low levels of solvents in the soil

and

shallow groundwater. The Site was then transferred to the Installation Restoration

Division. Investigations conducted in 1996 and 97 delineated a solvent contaminated area in the vicinity of the former UST and the Site was

designated

for 'Monitored Natural Attenuation' as the preferred treatment. Subsequent investigations, east of IR Site 89, found solvent contamination in Edward's Creek.

This contamination was traced back to Site 89. Further investigation delineated a

much larger area of solvent contamination (PCA) on the southern extent of Site 89.

- Jim Swartzenburg inquired about the source of contamination.

Rick Raines responded, that NCIS has investigated possible sources and was unable to determine the source.

Rick Raines then presented a soil contamination and shallow aquifer plume map and explained that the contaminant concentrations are the highest MCB, Camp Lejeune has seen.

- Jim Swartzenburg asked for a definition of "shallow" and if there are any water supply wells in the area.

Rick Raines responded that shallow soil is considered to be inclusive from ground surface to 5' below ground surface (bgs), shallow groundwater ranged from 5'-30' bgs, and there are no water supply wells in the area, only monitoring wells.

- Rick Raines discussed the actions taken by IRD at Site 89.

Immediate response was to cover the open area (not paved) with tarp to prevent exposure to workers. IRD contacted several departments within MCB, Camp Lejeune, as well as the Jacksonville Daily News and the Globe, and described the problem at Site 89. Exposure concerns were raised regarding children playing in Edward's Creek and DRMO workers. In response to these concerns, fencing was erected preventing access to the creek and the DRMO operation was moved off-site. A Time-Critical Removal Action (TCRA) was initiated to target the worst contamination, present in shallow soil, for removal. This was undertaken to prevent the contaminants from reaching the groundwater where remediation would be a more difficult and expensive process.

- Description of Remediation System (Midwest Corp. & IT/OHM Personnel)

Jim Dunn described the TCRA and remediation process. The aeration pond will volatilize any contaminants from the surface water prior to discharging to Edward's Creek. A Low Temperature Thermal Desorption Unit (LTTD) is being used to treat the contaminated soil. The soil is excavated and stockpiled, this soil is then sampled (to determine PCA concentration at onsite lab) and run through the LTTD, which will bring PCA concentrations to <1 ppm. Treated soil is then sampled and stockpiled. Pending sample results the stockpiled 'clean' soil will be placed in the original excavation.

Larry Woods described the LTTD unit operation:

- IT excavates soil
- Soil put through shaker screen to remove debris
- LTTD removes contaminants from soil (volatilizes into air stream)
- Soil is discharged clean
- Contaminated air stream goes through a baghouse, which removes dust, and then an incinerator, where contaminants break down into non-harmful gaseous compounds
- Effluent gases leave the stack at 1600° F
- Stack testing ensures that gaseous releases are within regulatory limits.

- Jim Swartzenburg asked for an update on progress of treatment at the next RAB.

personnel Randy Smith added, no VOC's are leaving the fenced area and all are in appropriate personal protective equipment. Thus no one is being exposed to contamination either on or off-site.

Dale Sawyer gave a safety briefing.

Questions were raised as to the quantity of contaminants in the original spill/release.

Jim Dunn estimated that 2 55-gallon drums were cause of contamination.

Plans are being developed to host a media day on-site as a pro-active action.

Jim Dunn expressed concerns for safety, recommended a media evening during which no one would be allowed to enter the site.

Old Business

- Review of the meeting minutes from June meeting on the Camp Lejeune/RAB Web site. (Mr. Rick Raines)

Updates

- Status of Site 3 – Soil Removal (Mr. Rick Raines)
After several years of negotiations with regulators, the contaminated soil (3000 tons) has been excavated and is ready to move to the landfill for use as daily cover.
- Status of Site 9 – Construction of Fire Training Pit (Mr. Jim Dunn)
Old fire training pit was removed. New pit installed with concrete capable of handling 2000° F temperatures. The pit also includes 18” splashguards and an oil/water separator to remove any unspent fuel. Base will inspect the new pit this week and upon approval the Base Fire Department can begin training exercises.
- Lunch Briefings (Mr. James Swartzenburg)
July meeting with the Kiwanis Club went well. Jim and Neal talked about RAB issues and passed out info/application packets.

Snead’s Ferry Rotary scheduled for late August and Jacksonville Rotary scheduled for October.

Conclusion

Jim Swartzenburg suggested holding more on-site meetings (fire training pits) and also to invite a media representative to a RAB meeting.

Meeting Adjourned (8:30 p.m.)

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