

## RESTORATION ADVISORY BOARD

### Meeting Minutes for Tuesday, June 1, 1999

The Restoration Advisory Board (RAB) met at Coastal Carolina Community College in Jacksonville, North Carolina on Tuesday, June 1, 1999 from 6:30 to 9:00 p.m. The following individuals were in attendance:

Jim Swartzenberg, Community RAB Co-Chair  
Neal Paul, Camp Lejeune, RAB Co-Chair  
Tom Morris, Camp Lejeune, EMD/IR  
Laura Bader, Community RAB Member  
Ray Humphries, Community RAB Member  
Dave Lown, NC DENR, Superfund Section  
Maritza Montegross, LANTDIV  
Kate Landman, LANTDIV  
Gena Townsend, EPA - Atlanta  
Rich Mullins, Community RAB Member  
Becki Willis, Community RAB Member  
Sandi Lane, Community RAB Member  
Harry Proffit, Community RAB Member  
Tracy DeBow, Community RAB Member  
Pat Evans, Camp Lejeune, EMD/EQAD

Did not attend:

Charles Mercer, Community RAB Member  
Horace Shepherd, Community RAB Member

#### **Agenda Item 1, Call to order**

6:30 p.m. - Mr. Neal Paul opened the meeting and spoke about Ms. Val Smith, new secretary of IRD. She will be taking meeting minutes at future meetings.

#### **Agenda Item 2, New Membership Introduction**

The new members were introduced and welcomed to the RAB. We have extended letter of appreciation to Commander Barnett. He is no longer on the board due to military retirement and his move away from the area.

#### **Agenda Item 3, Finalize Last Meeting Minutes**

Mr. Paul asked if anyone had any comments or changes to the minutes from the last meeting. There were none so the minutes will be finalized as written.

#### **Agenda Item 4, New Business**

Mr. Paul stated it maybe time to campaign for new members. We have a solid core of members. We need to replace a few that don't seem to take an interest in the board. The question was asked, "How many new

members are we looking for?" We have talked about 9-13 and would like to have an Active Duty Military person. Mr. Paul stated he does not know how many existing applications we have, he thinks it is time to go out and scout. Mr. Swartzenberg stated that, of the applications he has, the last one looked at from the selected group was Mr. Charles Mercer. There is a problem finding a minority member without discriminating in the selection process. The question was asked did anyone call the members to inform them of the meeting. Mr. Paul stated that we have been without a Secretary for a couple of months and we sent out letters. Mr. Paul recommends we have the brochure in which we will look at later, and talk with City Council, the Chamber of Commerce, and the County Commissioners. We want to finalize the brochure first. Once we finalize that, then Mr. Swartzenberg and Mr. Paul will make our presentations to the aforementioned groups. Mr. Paul asked if there is any other new business or new items.

#### **Agenda Item 5, Stone Bay Sampling**

Mr. Paul stated we went back and reviewed the slight risk to Blue Heron. We had some problems in how Baker's development of the risk model. In addition, when we looked a little deeper, we found that Risk Assessment Guidelines for Superfund (RAGS) requires an unrealistic model be developed. Baker will develop a different model and determine the risk based on a realistic scenario. Rick Raines brought up a good point in that he does not think blue herons eat oysters. What we found was Baker based the assessment of the Blue Heron on lead and copper exposure to chicken. We have asked them to go back and revisit that and we should have the final on the Stone Bay Study when we meet in August. The question was asked how they ran through this model. The explanation was given of the EPA guidance known as RAGS. Mr. Paul stated it was unrealistic because the risk model considered that the sole food source for the blue heron out of one sampling area. They also considered that the Blue Heron would eat out of this area for its entire life. Mr. Paul asked if there were any more questions on the Stone Bay Virginia Tech is doing a study on bullet corrosion and how it affects the environment. Mr. Tom Morris escorted a gentleman from VA Tech to check out the rifle range and collected some samples in the impact area as well as some other samples elsewhere. VA Tech is doing a study on military and civilian ammunition which will determine the effects of the lead contamination in the environment. Preliminary findings are that the lead is not leaching. We will continue to collect the data and see if they come up with something. In addition, we will inform you on what they found. That is something Tom or Neal will present and we hope to get one of the gentlemen from VA Tech to come and visit and speak at the RAB meeting. Most everything we have seen and read indicates that lead is not a problem at Camp Lejeune. Our sampling of sediment and tissue have indicated this. VA Tech contacted us about the study, which should be completed in about nine months. They are specifically looking at soil types and how lead leaches in the different types of soil. VA Tech is funding the study and completing it internally.

#### **Agenda Item 6, Site 88 Tour**

A background on the pilot test was given by Mr. Rick Raines. The dry cleaners on Base (IR Site 88) is old (1942). Solvent, tetrachloroethylene (PCE), was released into the ground and accumulated in the area right outside back over the years. Through disposal practices, USTS, and a number of ways, the contamination got into the groundwater. Varsol (a brand name of a petroleum distillate dry cleaning solution) was used at Site 88 from 1942 to 1970. A group of three different pilot tests is all going on at the same time. One of the pilot tests, the Surfactant Enhanced Aquifer Remediation (SEAR) process, has been proven at other military bases (Hill AFB). We are going to reduce the amount of waste the contractors are trying to haul off. Surfactant (detergent) is pumped into the ground to liberate the PCE from the soil matrix into the groundwater. The groundwater is extracted and the DNAPL is removed. The surfactant is then recovered from the groundwater. This is the first time that all three different technologies have been used at the same time. The intent is to remove the PCE product, thereby cleaning up the source area, not the plume. At this time, the source area underneath the building is not being addressed. This pilot study only addresses a small area. If this test is successful, it could possibly be used to address the rest of the source area. The ultimate goal is to remove the source completely.

*Questions that were raised on the tour were addressed by Mr. Raines.*

a) Q. "Why are we doing this [Surfactant-Enhanced Aquifer Remediation (SEAR) technology] at Site 88 but not over at ABC Cleaners?"

ABC Cleaners is being remediated through the EPA and not through Camp Lejeune.

- The technology selected for ABC Cleaners remediation was determined in 1993, with the Record of Decision being signed on 26 January 1994.

- SEAR technology wasn't known of and/or accepted in 1993.

b) Q. "Is this building scheduled for demolition?"

- Building 25, the Base Laundry Facility is not presently scheduled for demolition.

- There was a project in 1993 to look to demolish the existing dry cleaning facility and build a new facility in its place. This project was not funded.

- Approximately one year ago it was mentioned during a meeting of the EIWG to build a new dry cleaning facility along the proposed PX extension road connecting to the Auto Hobby Shop road. There is no current project in the works for this relocation. Items holding up consideration of a relocation project include:

- Cost of a new building

- Extending new utilities to the new building (especially steam - which is needed for the dry-cleaning operation) - Although the operation still falls under MCCA control, MCCA no longer directly runs the dry-cleaning operation as it is now contracted out to Coastal Dry Cleaners of Jacksonville

- If determined as being necessary, this building can be demolished to complete site remediation.

c) "How much is this process costing?"

- an estimate for all SEAR operations to date would be in the \$400,000 \$450,000 range.

- approximately another \$50,000 to complete the SEAR project at this point.

#### **Agenda Item 7, LUCAP Signing and Agenda**

Mr. Morris gave a brief description of the Land Use Control Assurance Plan (LUCAP). LUCAP is a Memorandum of Agreement between the State, EPA and Camp Lejeune Base to ensure the Land Use Controls are in place. The objectives are to have a plan we can fall back on that says this is what we have agreed to do, and what we are going to do. It is an annual review of all the sites that are in the LUCAP. The Commanding General will sign a letter annually stating that we are in compliance. The LUCAP was signed on 24 May 1999. DoD historically has not done a good job in land use controls. Base Facilities Planning uses the National Environmental Policy Act review process to site new construction on Base. This ensures construction and/or change of land use is consistent with the LUCAP and other environmental consequences. Camp Lejeune has developed the Geographic Information System (GIS) which uses layers to identify different geographical items on the ground (roads, buildings, rivers, streams, Red Cockaded woodpecker sites, IRP sites, etc.). Using the GIS, Base planners can instantly see if there are any environmental hindrances in the placement of new construction projects.

#### **Agenda Item 8, OHM/IT Progress Report**

Mr. Jim Dunn, IT Program Manager for Camp Lejeune, explained what they are presently working on aboard the Base. Small arms range remediation with bullet trap installation and baffling is on going with seven ranges complete or near complete. Hadnot Point Fuel Farm is being remediated using Aggressive FluidNapor Recovery and Air Sparging/Soil Vapor Extraction methods. This area formerly had a pump and treat process employed which removed approximately 23,000 gallons of petroleum.

**Agenda Item 9, Update on Brochure**

Mr. Morris circulated a "draft" copy of the RAB brochure. A request was made for each RAB member to review and make comments. Many photos with little verbiage was suggested as a format. The use of bold headings and captions on photos was also suggested. The desire is to finalize the brochure and present it to the City Council along with a short briefing about the RAB.

**Agenda Item 10, Wrap Up**

Review the 5-year plan Environmental Restoration Report to Congress survey and give your thoughts as RAB members. Return the survey to the IRD office. This is the worst report in several years and identifies Camp Lejeune as having no RAB.

The next meeting will be on Tuesday, August 3 at 6:30 p.m. at Coastal Carolina Community College. Please let Mr. Swartzenberg or the IRD office know if there is anything you would like on the agenda for the next meeting.

Meeting was adjourned at 9:00 p.m.

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