

## RESTORATION ADVISORY BOARD

### Meeting Minutes for Tuesday, August 3, 1999

The Restoration Advisory Board (RAB) met at Coastal Carolina Community College in Jacksonville, North Carolina on Tuesday, August, 3, 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  
Rick Raines Camp Lejeune, EMD/IR  
Laura Bader Community RAB Member  
Ray Humphries Community RAB Member  
Dave Lown NC DENR, Superfund Section  
Kate Landman LANTDIV  
Gena Townsend EPA-Atlanta  
Dr. Ted Simon 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  
CarrieAnne Hayward Community RAB Member  
Horace Shephard Community RAB Member  
Scott Brewer Camp Lejeune, EMD  
Jodi Golden Baker Environmental  
Jeff Tepsic Baker Environmental

#### Welcome and Introductions

- Plan for Mr. Swartzenberg and Mr. Neal Paul to speak to groups to encourage membership
- RAB membership expectations explained (Mr. Swartzenberg)
- Invitation letters discussed (Mr. Paul)
- Welcome to CarrieAnne Hayward (Mr. Swartzenberg)
- RAB responsibilities delineated (Mr. Swartzenberg)
- Review of previous meeting minutes (Mr. Neal Paul)

- Comments on DLA facility RAB meeting in Memphis, TN (Mr. Neal Paul)
- Explanation on Camp Lejeune's RAB (Mr. Neal Paul)
- Focus on IR Program remediation efforts

### Old Business

- Brochures – available and there are some for everyone to take home. Will be discussed later in the meeting (Mr. Neal Paul)
- Proposed site tour – takes approximately 4 hours and visits 8-10 sites (Mr. Neal Paul)

### Updates

- RAB/DoN questionnaires – please fill out and return (Mr. Tom Morris)
- Brochure
  - 2500 printed (Mr. Tom Morris)
  - places to put them – County library, City Hall, Globe drop off point, Onslow County Museum, CCCC library, environmental club at CCCC, front gate (Visitor's Center) of Base, Chamber of Commerce, 4-H Club, County Planners office, County Environmental Health Office, Town Halls, and County high schools (Mr. Neal Paul)
  - web site on the back of the brochure (Mr. Rick Raines)
- Site 84 – Building 45 (Mr. Tom Morris)
  - Location and site description
  - Investigation history
  - Demolition status
  - Land use controls discussed
- Site 88 – Building 25 (Mr. Rick Raines)
  - SEAR complete
  - Undergoing a PITT test
    - Inject tracers – based on amount of time it takes tracers to move through the contamination plume we can delineate how much contamination remains (how much was removed)
  - This winter is when we will access where we are and whether this technology is appropriate for what's left at the site
  - The building can be demolished if needed
  - Size of the plume discussed
  - Multiple phases – attempting to remove source
  - Potential drain line conduit

- ATSDR health study (Mr. Neal Paul)
- ABC One-hour Cleaners, Inc. leached PCE into groundwater that contaminated TT wells
- Attempt to determine if link between ingestion of PCE and childhood leukemia cases
- Study for 12,000 names of occupants of Camp Lejeune who conceived or gave birth while at Camp Lejeune
- Attempting to locate names without resorting to a nation-wide media campaign
  
- RAB webpage (Mr. Rick Raines)
- Intranet (on Base only) right now, soon to be on Internet (accessible from off Base)
- Contents
  - How many people on the RAB and contact information for membership
  - The RAB brochure
  - Upcoming RAB meeting agenda
  - Links to EPA, NCDENR, LANTDIV, and Baker's webpage
- Should be complete within six months

### **New Business**

- Stone Bay Risk Assessment (Mr. Jeff Tepsic, Ms. Jodi Golden)
- Introduction
  - Assessment initiated by EMD based on concerns expressed by RAB
- Initial Study
  - Surface water and sediment – summer 1998
  - According to USEPA ecological guidance – no further assessment activities were required
  - Due to continued concern from RAB – Aquatic Assessment of Stone Bay was conducted in January 1999
- Purpose
  - To determine the potential impact of copper and lead from spent ammunition at the rifle range on the aquatic environment of Stone Bay
- Media analyzed
  - Sediment and shellfish tissue (clams, mussels, and oysters)
- Lines of evidence
  - Comparison of sediment concentrations to sediment screening values
  - Comparison of tissue concentrations to literature values
  - Calculation of USEPA approved ecological receptor models
  - Comparison of sediment concentrations, tissue concentrations, and models to reference area concentrations
- Findings
  - Sediment – concentrations were below USEPA Region IV's sediment screening values (no further action required)
  - Clam tissue – concentrations were slightly above reference concentrations (no literature values are available for comparison)
  - Mussel tissue – concentrations were above reference concentrations and

- slightly above literature values
- Oyster tissue – concentrations were below reference concentrations. Lead concentrations were slightly above literature values
- Receptor models – two versions of the model were initially conducted. No risks to the heron or mink were detected above the reference stations models
- Reference comparison – study area concentrations and model results were similar to reference area concentrations and model results
- Conclusion
  - Based on the lines of evidence presented above, rifle range activities have not caused any additional stress to the aquatic environment within Stone Bay
- Additional evaluation
  - Due to continued concern expressed by the RAB, an additional site-specific heron model was generated and presented. No unacceptable risk was demonstrated in the site-specific model
- USEPA review of assessment and memorandum
  - Per the EPA – "Maximum detected concentrations of copper and lead were below Region IV screening levels. These levels are very protective of ecological health. No further assessment is necessary. Any ecological risk assessment activities for copper and lead in Stone Bay would be completed at this point."
  - Therefore, USEPA Region IV has recognized that EMD has gone beyond the expectations set forth by Ecological Risk Assessment guidance in the evaluation of the Stone Bay aquatic environment. Also, it is agreed that no further ecological assessment is necessary as levels of copper and lead fall within the acceptable range of ecologically protective values.
- Ecological Risk Assessment procedures were presented (Dr. Ted Simon)
- National Caucus of RAB Community (Mr. Jim Swartzenberg)
- Explanation
  - Network of community members of RAB throughout the nation
- National meeting being held in Washington, D.C.
- No expenses paid –
  - The question was raised if it is possible for Camp Lejeune to pay expenses for RAB member(s) to attend

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**Meeting Adjourned** (9:00 p.m.)

[RETURN](#)

