

RESTORATION ADVISORY BOARD MEETING  
NAS BRUNSWICK, MAINE

July 25, 1995

ATTENDEES:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE</u>
J. Caruthers	NASB	
F. Evans	Northern Division	
J. Dunleavy	Northern Division	
B. Lim	USEPA	
N. Beardsley	MEDEP	
M. Hubert	MEDEP	
R. Heath	MEDEP	
C. Lepage	BACSE Consultant	
C. Dricot	ABB-ES	

MEETING DATE: July 25, 1995, 8:30 a.m.

MEETING LOCATION: NAS Brunswick

I. INTRODUCTION

The Navy has established a Restoration Advisory Board (RAB) at NAS Brunswick, replacing the Technical Review Committee. The RAB is the product of an outreach program intended to broaden community involvement in the Installation Restoration Program (IRP) at federal installations. The RAB meeting was opened by Fred Evans of Northern Division and was turned over to Jim Caruthers (NASB) for review of the Remedial Design Construction Status.

## II STATUS AND SCHEDULE UPDATE

### CONSTRUCTION UPDATE

#### Sites 1, 3, 5, 6, and 8

Sites 5, 6 and 11 have been excavated and are being backfilled. Site 8 still needs final grading and erosion control. The soil and debris area north of the landfill has been excavated and moved. There is one big pile at the landfill that is undergoing final shaping and grading. The liner component of the cap will be started at the end of August. The slurry wall has been completed. The gas venting system will be in place in the near future. New monitoring wells to replace those damaged or destroyed during construction of the slurry wall have all been installed and developed.

#### Eastern Plume

The results of the pump test will be sent to the Navy by the end of July.

#### Treatment Plant

The treatment plant was off-line at the time of the meeting due to a number of problems that were in the process of being resolved. Jim Caruthers said that he is disappointed in the amount of time needed to address and clean up the outstanding issues. Jim noted that all the problems have known solutions; it is just a matter of implementing them. At this time, 6.5 million gallons have been treated. The first sludge has been pressed but the analytical results have not yet been received. The sludge is being stored on site. If the sludge is characterized as a nonhazardous or special waste it will be sent to Norridgewock. Jim was not sure where the sludge would be sent if it was characterized as a hazardous waste. It is anticipated to be a special waste.

#### Building 95

The Building 95 site work has been completed. The only future work to be done is long term monitoring. A letter has been sent out regarding water level measurements for 4 wells at the site. The data has not yet been plotted. MEDEP still has questions concerning downgradient information. The Navy would like the fuel farm to be finished in order to look at the fuel farm wells and the Building 95 wells together to get a better idea of groundwater flow. The Navy does not think installation of additional monitoring wells is prudent at this time. MEDEP has a revised map showing proposed monitoring well installations and will forward the information to Carolyn Lepage (BACSE).

### NEX Gas Station

The NEX air sparging system is under operation and ongoing.

### Old Fuel Farm Remediation

The last two tanks are being demolished and removed. Ancillary structures are also being removed. The paperwork on starting the next phase of air sparging is with OHM.

MEDEP is waiting for information on the fuel farm and the NEX Gas Station. They have not yet seen the workplan that the contractor is using on site. Jim Caruthers will check with John Bond (NASB) who has the NEX Gas Station Reports.

Carolyn Lepage inquired about the water quality information being gathered on the fuel farm. Jim Caruthers said there are fewer TPH fuels, gasoline and BTEX analyses being done and that they are limited to the wells right at the site. There are no analyses being performed on the additional wells, only water level measurements. Richard Heath (MEDEP) noted that they are 2 inch diameter wells so that in the future, if the Base wants to look at water quality they will be able to do it.

Marianne Hubert (MEDEP) requested a set of plans on the air sparging installation. Fred Evans or Paul Briegel (Northdiv) will supply them.

### III LONG TERM MONITORING

The second round of the basewide long term monitoring was completed at the end of May. The Navy has suggested changing the metals analysis to trace induction coupled plasma (ICP). Bob Lim (USEPA) has checked with USEPA's chemist and agrees that trace ICP is a more acceptable methodology than atomic adsorption. Trace ICP is similar to the graphite furnace methodology but can analyze more than one sample at a time and can sample for more than 1 analyte. Therefore it is faster, reducing costs and errors. The detection limits for all inorganics requested in the Long Term Monitoring Plan (LTMP) except for mercury can be met by using either method. Mercury will be analyzed using the old methodology. It was noted that as of May 1995, the MCL for arsenic is still under review.

MEDEP has some comments on the LTM reports generated by EA and will be drafting a letter to the Navy with those comments.

There were a number of difficulties encountered by EA when implementing the LTMP. The Navy is preparing written documentation of the issues that resulted from the first two rounds of sampling and will be looking for agreement on changes to the LTMP for future sampling rounds.

For example, the low flow sampling methodology based on draft USEPA guidance states that stabilization is reached when turbidity is below 10 NTUs. In reality, in sampling the piezometers, EA was not able to get a reading below 50 NTUs. The Navy noted that the LTMP should specify that stabilization is reached if there is a consistent reading that does not vary within a certain time period.

Another problem concerned the surrogates listed in the QAAP for matrix spikes and MSD and the methodology being used. It was decided that the laboratory should use whatever surrogates the method requires. The LTMP must be flexible, so that if the methodology changes in the future, the surrogates consistent with the new methodology would be used.

Carolyn Lepage asked who was performing the visual observations and gas monitoring specified in the LTMP. The Navy said that EA will be performing the visual observations after construction is complete. EA will not be performing gas monitoring in August but probably in November.

#### SITE 9

The Site 9 Source Investigation is being planned for mid-to-late August. The source investigation will implement the Site 9 Work Plan and will include test pits, borings, new wells, sampling of monitoring wells including the NEX Gas Station wells, and water level measurements. The sampling of Site 9 and NEX wells will occur simultaneously and will occur after the new wells have been installed.

#### SITE 11

The Navy has received the stained soil sampling results and will be providing them to the RAB. The Navy noted that two of the samples were clean but a third had VOCs. It was taken under the concrete pad at groundwater level. The samples have been located horizontally but not vertically. Several areas of obvious staining northwest of the pad were excavated down to groundwater. The LTMP includes one well (MW 1104) immediately downgradient of Site 11, so the data from that well should give an indication of the effectiveness of the soil removal. The Navy will distribute the results and TCLP data from the removed material and from the base of the excavation. OHM will be compiling the TCLP results.

#### SITE 2

A decision on how to proceed with Site 2 will be postponed until the results of the Fish Sampling Study are received in January 1996. Assuming that the results are satisfactory, the Navy will be proposing a ROD for long term monitoring at Site 2.

## FISH STUDY

The USFWS fish study in Mere Brook and Picnic Pond is in progress. At Mere Brook, fish samples were being taken for chemical analyses. At Picnic Pond, a visual survey is being conducted for species diversity. USFWS is waiting to perform sediment sampling for sediment toxicity analyses due to a JP5 spill on the flight line from a jet in the NAS Brunswick air show.

## CONSTRUCTION MEETING

MEDEP inquired about the documentation for the redesign of the landfill cap. ABB-ES has sent the documentation. The liner installation will not be started until the end of August. It was noted that the height of the landfill did not change significantly as a result of the landfill regrading. Carolyn Lepage inquired about the volume of material that will be under the cap. Jim Caruthers will check with the contractor. Fred Evans will check to see if volume calculations have already been completed.

## III OTHER ISSUES/COMMENTS

MEDEP has not been receiving the quarterly TRC Fact Sheets and it has not been determined why. John James of the Public Affairs Office has checked the mailing list and confirmed that they are on it.

## IV NEXT RAB MEETING

The next technical meeting is scheduled for Wednesday, September 13, 1995 at 10:00 a.m. at NAS Brunswick. The next RAB meeting is scheduled for Wednesday, October 25, 1995 at 8:30 a.m. at NAS Brunswick.