

Technical Review Committee
Naval Air Station Brunswick
Brunswick, Maine
August 4, 1994

| <u>Attendees</u> | <u>Company</u> | <u>Telephone</u> |
|------------------|-------------------|------------------|
| Jim Caruthers | NASB | |
| Fred Evans | Northern Division | |
| Jack Dunleavy | Northern Division | |
| Bob Lim | USEPA | |
| Nancy Beardsley | MEDEP | |
| Troy Smith | MEDEP | |
| Robert Rogers | MEDEP | |
| Marianne Hubert | MEDEP | |
| Carolyn Lepage | BACSE | |
| Beth Walter | ABB-ES | |
| Tom Longley | ABB-ES | |
| Beverly Cadigan | ABB-ES | |

MEETING DATE: August 4, 1994

MEETING LOCATION: NAS Brunswick

I. INTRODUCTION

The meeting was opened by Fred Evans, the Navy Northern Division Project Manager for NAS Brunswick.

II. STATUS AND SCHEDULE UPDATE

CONSTRUCTION UPDATE

Jim Caruthers, NASB, reviewed the construction status for Building 95 and Sites 1 & 3, 5, 6, 8, and Eastern Plume. These projects are moving forward again. The contractor will remobilize the week of August 15, 1994 to complete the work at Building 95 north of Avenue B. OHM is the new contractor for Sites 1 & 3, 5, 6, 8, and Eastern Plume. The target start up for Phase I, including the treatment plant and the extraction wells, is February 1995. A preconstruction meeting will be held on August 9, 1994 at NAS Brunswick. In response to a question from Bob Lim, USEPA, Fred Evans stated that final negotiations have not been completed for construction of the slurry wall and landfill cover and therefore no start date has been set for these activities.

SITE 11 - FORMER FIRE TRAINING AREA

Fred Evans reviewed the schedule for the Removal Action at Site 11. The Draft Work Plan is scheduled to be released August 8, 1994 for a regulatory review/approval period of two weeks. The Work Plan will also be available for TRC review during this time. The start of the 30-day public comment period is scheduled to coincide with the release of the Draft Work Plan. The Navy has prepared a public notice to inform the public of the proposed Removal Action and the opportunity to review and comment on the Draft Work Plan. The dates for the public comment period may change based on exactly when the public notice will be in the paper. The Work Plan is to serve as the Action Memorandum for this removal action. The Action Memorandum will be available at the public repository. The Draft Action Memorandum, as well as the Final, will go into the Administrative Record for Site 11.

Nancy Beardsley, MEDEP, asked when the underground storage tank (UST) at Site 11 would be sampled. Fred Evans stated that Brown and Root has been authorized to sample the tank and they should do it soon. Nancy asked if the Navy had specific knowledge about historical use of the tank. Jim Caruthers stated that anything that was burned at the Fire Training Area could be in there. Jack Dunleavy, Navy Northern Division, said he had asked the MEDEP about sampling protocol for the UST. The Navy will sample the tank and analyze the samples for full suite Target Compound List (TCL), volatile, and semi-volatile organic compounds, PCBs/Pesticides and Target Analyte List (TAL) inorganics. Troy Smith, MEDEP, confirmed this approach.

Fred Evans stated that the actual Removal Action should start in mid-September. Bob Lim reminded everyone that the USEPA requires a signed Action Memorandum prior to initiation of work at the Site.

SITE 9 - NEPTUNE DRIVE DISPOSAL SITE

Fred Evans mentioned that the Draft Final Long Term Monitoring Plan (LTMP) for Site 9 was issued yesterday (August 3, 1994), and comments are due August 22, 1994. The LTMP for Building 95 and Sites 1 & 3, 5, 6, 8, and Eastern Plume will be final by August 19, 1994.

Fred also noted that the public comment period ends on the Interim Groundwater ROD on August 12, 1994. Bob Lim asked if the Navy had received any comments. Fred replied that they had not and therefore the original schedule for the Responsiveness Summary would have to be shifted. No comments were received from the public meeting either. Beth Walter, ABB-ES, stated that the Responsiveness Summary is now scheduled to be issued by August 19, 1994. The Navy has received MEDEP and BACSE comments on the Work Plan for additional source area investigations at Site 9. Bob Lim said that he had USEPA comments as well.

Jim Caruthers stated that results from the second round of analytical samples taken at the NEX gas station arrived yesterday. There was a discussion on the possible migration of MTBE from the gas station; however, it does not seem to be related to this Site as it is characterized by BTEX compounds. Everyone agreed to take more time to look over the data since it just arrived.

In response to questions from Carolyn Lepage, BACSE, and Troy Smith, Jim confirmed that the Neptune Drive construction project had not been awarded yet due to a lack of funds. He added that there would be a one month lag between award and start up.

Nancy Beardsley asked what investigations have been done on the upgradient buildings at this Site. Jim Caruthers responded that an aerial photographic evaluation has been contracted with Sewall but has not yet been completed, and that maps and historical records at the Base have been researched. These investigations have shown little change in Site use over time. There was a hobby shop to the east of the Exchange, and an old storehouse near the incinerator with no record of what was stored there. The Exchange area use to be barracks and included an old clinic. Much of the area was old woods.

Nancy stated that the investigation for additional source areas including an investigation 2000 feet upgradient could rule out areas except the flightline and the gas station. Jim explained that data from wells 9 and 10 and the new well to be installed could eliminate the upgradient garages and the drainage ditch as potential source areas. He continued that data from wells 6, 7, and 8 could also be used to determine the impact of the gas station on groundwater quality. He also mentioned that well 6 is situated downgradient of the old hobby shop and can be used to evaluate that site as a potential source area.

Troy Smith stated that this was more information than is in the Site 9 Report, and he asked if the Navy could make a map showing what has been done to eliminate areas as potential sources. Carolyn Lepage agreed that this information is not documented anywhere, and added that she had been concerned that the investigation approach was fragmented. Both parties feel more comfortable now about what has been done.

Nancy Beardsley said that the historical reason for well placement should be included in the Work Plan. This information would help present a comprehensive view of the Site.

Troy noted that the map presented in the December 1993 Technical Meeting showed a lot about Site 9 and could be modified to include this historical information. Jim Caruthers stated that the basewide computer maps would be available this fall and would include tanks, wells, utilities, and contours.

Fred Evans reminded everyone that the Draft Final Interim Groundwater ROD should go out tomorrow and be received Monday August 8, 1994. This is a last chance for comments and changes to be incorporated before it is submitted for signature on August 18, 1994. This last review will include MEDEP, USEPA, and BACSE.

SITES 1 & 3, 5, 6, 8, and EASTERN PLUME

Due to the delays in the construction schedule for this Site and concerns about how far south the plume may have migrated, the Navy resampled nine existing wells which were previously sampled in May 1992. Jim Caruthers briefed the group on the analytical results. The data show that the plume has not reached Harpswell Cove, which answers the public's concern. The results were below the detection limits except for three wells (231A, 231B, and 230) which showed levels of chloroform between 6 and 16 $\mu\text{g/L}$. Fred Evans stated that the presence of chloroform is inconclusive, and that the Navy will review previous data from those nine and other upgradient wells. Robert Rogers, MEDEP, asked if chloroform had been found elsewhere on the Base. He also questioned what solvent was used by the lab to extract the sample before analysis. Fred said he would get this information.

Nancy Beardsley suggested discussing this data at the next TRC, including a history of the wells and the plume.

In response to a question from Marianne Hubert, MEDEP, Fred Evans stated that the long term monitoring was scheduled to begin at this Site in January or February 1995. Troy Smith asked that the Navy review the historical data, and resample these wells to monitor the location of the plume only if long term monitoring has not started by February.

BUILDING 95 - FORMER PESTICIDE SHOP

Fred Evans gave an update on the work at this Site. He stated that ABB-ES will be collecting additional soil samples next week to determine if DDT has migrated beneath Avenue B. They will use a terraprobe to collect samples from four locations through the road. A total of five samples will be collected and analyzed for DDT and pyrethrin. Fred showed the proposed sample locations on a map. Four samples will be taken at the interface between the surface soil and the subgrade where the highest concentrations of contamination would be expected. The other sample will be collected at a depth of six inches.

Beth Walter asked if the MEDEP would like to be present during the terraprobe operation. Troy Smith asked that Tom Longley, ABB-ES, call him with the final schedule.

Jack Dunleavy distributed a proposal/reevaluation to change the clean up levels for pyrethrin at this Site from 10 to 250 ppm (see attached). The proposed modified

level is protective of a more appropriate ecological receptor for the area, and still protective of human health. Pyrethrin are readily biodegradable especially in sunlight, and are currently available in insecticides at percent levels. The Navy would like the MEDEP and the USEPA to review/comment on this proposal prior to remobilization of the contractor the week of August 15, 1994. The TRC agreed that the pyrethrin cleanup level needed to be reevaluated. The Navy agreed to formally submit the proposal to USEPA.

Nancy Beardsley spoke about the issue of the RCRA Closure Order for this Site. Nancy has discussed closure of this Site with State RCRA representatives. She indicated that some type of an interim closure plan signed by an engineer, including a letter outlining the chronological history of remediation at this Site, would be necessary to transfer the authority for closure of this Site to CERCLA. To complete this process, the MEDEP would write a letter stating that remediation was complete, but because residual contamination may not meet clean closure the site will be monitored through long-term monitoring and five year reviews.

Fred Evans stated that the Removal Action was being done by the Navy under CERCLA. Bob Lim requested a Removal Action Close Out Report, which would be signed by an engineer, including a reference to resolution of the pyrethrin issue. This would seem to also meet the requirements set forth by RCRA.

III OTHER ISSUES / COMMENTS

Bob Lim asked if the Explanation of Significant Difference (ESD) could be processed concurrently with the IROD for Site 9. Jim Caruthers agreed. In response to a question from Nancy Beardsley, Bob said that a letter of concurrence from the MEDEP is needed for the ESD.

Bob also mentioned that the USEPA had some extra money in the budget for the US Fish and Wildlife Service to conduct a stream study at Site 9. Bob will discuss the scope and schedule of the study with Steve Mierzykowski. The Navy and the USEPA will also coordinate the construction scope and schedule with this stream study.

Jim Caruthers stated that he had received the First Annual Surface Water Quality Report and that he would distribute copies to the TRC. MEDEP requested copies for Stewart Rose and Nancy Beardsley.

Carolyn Lepage asked about the stream sediment sampling at Site 9. Jim Caruthers explained that 13 samples were taken in the first round of sediment sampling for PAHs, and more rounds will follow. The first round of macroinvertebrate sampling has been completed, although it was out of season. The baskets are now in place for the second round of invertebrate sampling. Surface water samples are taken routinely and tested for PAHs.

Carolyn Lepage delivered a message from Tom Fusco that the Brunswick Times Record did not accurately quote him in their article on the Eastern Plume. An article on the Eastern Plume also appeared in the Portland Press Herald.

In response to a question on the RAB from Susan Weddle, relayed by Carolyn Lepage, Jim Caruthers stated that the period for applications had been extended and 6 or 7 have been received. Commander Brubaker is handling the applications. Meanwhile, seats have been reserved at the training in Boston (August 24 and 25, 1994) for the NAS chair and the community co-chair. By a show of hands, Fred Evans, Bob Lim, and Nancy Beardsley are also planning to attend the training in Boston.

IV NEXT TRC MEETING

The next TRC meeting is scheduled for September 22, 1994 at 8:30 a.m. in Building 4 at Brunswick NAS.