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Date: 6/6/90

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Number of Pages Sent (Including cover): 10

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MEMORANDUM OF MEETING

SUBJECT: BNAS Technical Review Committee (TRC) Meeting, May 23, 1990

ENCLOSURES (1): List of Attendees

A Meeting of the Technical Review Committee was held May 23, 1990 at 10:00 a.m. in the conferral room of Building 4 at the Naval Air Station, Brunswick, Maine.

The purpose of the meeting was to review results of the RI Report, FS Screening Report, and discuss the Post-Screening Work Plan.

E.C. Jordan (Jordan) made a technical presentation. A brief summary follows:

Jordan presented an overview of work previously performed at NAS Brunswick and showed the location of sites to be discussed on a base wide map. The discussion continued on a site by site basis.

Sites 1 and 3 - The landfill was active between 1955-1975. Containing two large trenches approximately 700 feet long with no distinct point source.

Soils containing scattered PAHS, PCB/Pesticides, VOCs and inorganics characterize groundwater contamination and shallow groundwater discharges to Mere Brook and its tributary.

A comment was made (EPA) regarding the edge of the landfill near the weapons area. EPA would like clarification concerning boundaries of weapons area and landfill.

Jordan spoke on the environmental/human health risks associated with Sites 1 and 3.

Jordan then discussed the remedial alternative screening process and listed and briefly described the alternatives screened for these sites.

Jordan also explained that a Detailed Evaluation is the next step in identifying the alternatives to be used at each site.

Site 2 - The Site 2 area was used as a landfill between 1945-1955, and currently is densely wooded.

A brief discussion was held regarding mercury concentrations at this site and a new seep location. Jordan indicated that contamination in the new seep (LT-203) is identical to that in other Site 2 seeps (LT-201 and LT-202).

Jordan identified the limited accessibility to this site and the environmental damage that would be associated with remedial action.

There was a discussion of the food-web analysis that was run on this site, and concern was expressed for the ecosystem and mercury levels.

Jordan stated that there are many sample points in Mere Brook in the area that have been sampled several times; with no detection of Hg.

There was a suggestion from MEDEP that the Navy perform bioassay sampling episode.

Concern that Site 2 would continue to be a risk to Mere Brook was expressed by Susan Weddle, and long-term monitoring was suggested.

EPA expressed concern about the existing cap (ground cover and forest) and a brief discussion followed.

Sites 4, 13, and 11 (FTA) -

Site 4 - Disposal Pit in operation between 1969-1974, now covered by Building 584.

Site 13 - DRMO area containing Underground Storage Tanks (USTs). It was noted that an active UST was recently replaced, and two USTs, used to store waste liquids, have been removed recently.

Site 11 (FTA) - Site of a fire training area used from WWII to present. A liner and drainage system leading to an UST have been installed.

A discussion on the possibility of Sites 4, 11, and 13 contributing to the Eastern Plume occurred.

It was noted that as part of the Post-Screening Work Plan sampling will occur to try to locate the source of contamination in the Eastern Plume.

Jordan discussed the remedial alternatives screened for these sites, and the bench-scale treatability test on soils from Site 11.

At this time, a discussion was held on activities in the Draft Post Screening Work Plan. Activities at Site 11 and the Eastern Plume were presented.

Jordan presented a discussion on the use of the PCPT to interpret geologic conditions and groundwater sampling/field screening to characterize VOCs in groundwater.

Off-base sampling in private shallow wells was discussed and concern was expressed as to how this sampling would be conducted. Susan Weddel asked that drinking water methods be used for any VOC analysis in private wells. It was noted that this would be further explained in the Final Post-Screening Work Plan. Jordan indicated that this sampling effort would be performed for the benefit of the public. The Navy expressed concern that this effort could "backfire" by finding groundwater contamination from other sources (i.e., oil changes, household items). It was further noted that the contamination at NAS Brunswick would differ from these potential contaminants. It was further noted that Jordan will develop a well sample survey.

Site 7 - Jordan indicated that at the site of the Old Acid/Caustic Pit the source of the contamination has been identified.

Jordan discussed the alternatives screened in this site.

Susan Weddle asked about the blue crystals found in the identified pit area. It was noted that a thin vein of a bluish crystal was located, and EPA asked that analytical results from the blue crystal material be discussed in the RI report.

Site 8 - Jordan discussed the work to date and the location of the disposal area. The Massachusetts DEP expressed interest in the cyanide that was detected in this area. Jordan indicated that the cyanide was a result of sodium femocyanide ^{sp} used a "decaking" agent in salt which is stored nearby. The Navy has recently analyzed the salt and found up to two ppm cyanide present. The Navy indicated they were putting in a salt storage shed to minimize this problem.

At this time the group broke into a discussion regarding local and regional groundwater flow at Site 8.

EPA suggested a need to enhance groundwater flow discussion in the RI report, but agreed with Jordan that there was little chance of Site 8 groundwater impacting the Jordan Avenue well field.

A discussion of potential private wells north of Site 8 occurred and a trailer park was identified as a potential site for private wells.

Site 9 - A disposal area located on Neptune Drive that was active from the late 1940s to 1955. Jordan presented the results of Site 9 Studies.

It was noted by the Navy that the barracks identified as the "Marine Barracks" were actually just normal barracks.

Jordan explained risks associated with Site 9 and indicated that additional work would be performed this summer to locate the potential dump area near Building 201.

Site 12 - EOD training area where explosive material was detonated.

Jordan suggested test pit activities in this area.

Jordan noted that it would be necessary to have an EOD person on-site to clear the explosives if encountered.

It was then suggested that another meeting be held prior to the public meeting.

Jordan presented the exploration and sampling program described in the Post-Screening Work Plan for Sites 5, 6, and 12.

EPA and MEDEP agreed to join Jordan in early June to review comments for the FS Screening Report, RI Report and Post-Screening Work Plan.

Susan Weddle asked to have a well survey done for the private homes along Coombs and Old Gurnett Roads. Sue also indicated that the BASCE group would

like representation in the TRC. The Navy and EPA recognized that the TRC was unique to the Brunswick site due to the interaction of two federal agencies, and that the BASCE group could be considered for representation upon receipt of TAG grant.

The general schedule for field work was discussed.

PCPT program will likely begin in August and the drilling would follow in September. A TRC meeting will be scheduled to follow the PCPT program, prior to the drilling effort.

TECHNICAL REVIEW COMMITTEE MEETING

Naval Air Station Brunswick

23 May 1990

<u>Name</u>	<u>Organization</u>
Ken Marriott, Project Manager	Northern Division
Tom Shekils	IR Section
Geoff Cullison	Public Works, NASB
Ray Figueras, Commanding Officer	NASB
Don Gerrish, Town Manager	Town of Brunswick
Sue Weddle, Community Member	Town of Brunswick
Mike Labbe, Navy Public Affiars	NASB
Meghan Cassidy, EPA Project Manager	EPA
Anne Johnson	SIAC
Fred Zafran	SIAC
Alan Frasier	Brunswick-Topsham Water District
Mark Libby	NAS Brunswick
Jim Shafer	Norther Division
Burce Hunter	Maine DEP
Ted Wolfe	Maine DEP
Mel Dickenson	E.C. Jordan
Diana Durling	E.C. Jordan
Jim Herlilly	Northern Division
G. Apraham	NAS Brunswick

what's this group?

Beth Ryan

E.C. Jordan

Tom Longley

E.C. Jordan

Richard Willey

EPA

Dave Gulick

E.C. Jordan