

MEMORANDUM

November 9, 1988

TO: All Attendees

FROM: Paul Burgess, Project Manager  
Atlantic Environmental Services, Inc.

DATE: October 31, 1988 at 1:45 p.m.

RE: Naval Submarine Base  
Installation Restoration Study  
New London - Groton, Connecticut  
N62472-88-C-1294

ATTENDEES: Paul Burgess, Atlantic Environmental Services, Inc.  
Curt Kraemer, Atlantic Environmental Services, Inc.  
Bob Magee, North NAVFAC ENGCOM  
Bill Mansfield, Subase NLON  
Commander Loyacano, FWO NSB NLON  
Adrienne Townsel, NORDIV

Adrienne Townsel presented Atlantic with a schedule for the completion of the Plan of Action (POA), including a Work Plan, Health and Safety Plan and a Quality Assurance/Quality Control Plan (see Attachment).

Adrienne pointed out that the first Technical Review Committee (TRC) meeting was scheduled for November 28, 1988. She explained that Atlantic would be requested to present an overview of the work proposed for each of the sites.

There was a discussion regarding the scope of services required of Atlantic in the vicinity of the lower base. Adrienne was not aware of Wehren's investigation when the scope was initially developed. It was decided that Atlantic should perform a RI/FS (Step II) of the petroleum contamination in the lower base in addition to the Building 79 waste oil pit site.

During the discussion, Bill Mansfield explained the following:

- o the fuel oil storage tanks for the powerhouse have been replaced

- o the construction method for the powerhouse tank installation included the removal of the tops of the original tanks and repairing the remaining tank's bottoms; the new tanks were placed inside the repaired bottoms of the original tanks
- o it was evident that the powerhouse tanks had leaked; no contaminated soil was removed or further investigation conducted
- o observation wells were installed around the replaced powerhouse tanks
- o the Navy has plans to replace other tanks near Building 345 over the next four years
- o the No. 6 fuel line was replaced and oil was noted in the concrete utility trench along Argonaut Road
- o the diesel fuel line was replaced in 1980; it is thought that the original fuel line was not removed (Atlantic to check specifications/plans)
- o oil has been observed in telephone duct along Albore Road
- o there are old underground fuel oil lines from the powerhouse to piers 8, 9 and 10
- o there are plans and specs for all of the recent replacements
- o William Mansfield would make a copy of the NESO 79 report available to Atlantic

There was a discussion regarding the laboratory analyses required and laboratories qualified to do the analyses. Adrienne Townsell and Bob Magee explained the following:

- o full priority pollutant scans are not necessary in all cases, chemical specific GC analyses can be proposed for specific sites
- o laboratories not on the list could be used, but will have to be approved by the Navy prior to the work
- o if a lab is known and accepted to Martin Marrieta, the Navy approval may not take too long (DOE or Army requirements are essentially the same as the Navy requirements)

There was a discussion regarding the areas of concern that are not currently addressed by the scope of services. Bill Mansfield noted the following:

- o He suggested wells along the perimeter of the base around Area A landfill site to address their concerns regarding ground water quality at nearby residential wells; Atlantic had planned such monitoring wells.
- o Buildings 450 and 325, which comprise the torpedo overhaul shop, generates about one half of the hazardous waste on the base, and were on septic systems for a long period of time. There were facilities for the handling of the wastes, but Bill feels that the septic systems were probably used for some waste disposal. A key suspect contaminant is cyanide.
- o There was an old gasoline station on the base which has long since been removed. Bill was uncertain whether any of the tanks or piping remain.

Paul Burgess gave a brief description of the work which Atlantic is proposing. The location of some of the monitoring wells will be located so to address the Navy's concern for water quality around the perimeter. Bill Magee questioned the usefulness of a soil gas survey at the DPDO Area (Site 6) because the water table is so shallow. He asked if Atlantic had considered using a passive sampling system (charcoal canisters). Atlantic said it had not considered a passive sampling system, but would look into it.

Other brief discussions included the following:

- o The Navy has learned that pesticide brickets were applied to the Area A wetland area during winter and allowed to disperse into the wetland as the ice melted. Adrienne will supply this information to Atlantic when they receive it.
- o Bob Magee explained that the Navy had a digitized site map of the Subase that could be used by Atlantic. The data was on a DFX file. Atlantic would check to see whether their computer was compatible or not.
- o Atlantic has been unable to determine the specific location of the spent acid storage and disposal area (Site 15) based on available information. Adrienne will check with Port Hueneme to see if they have the data from the original interviews that might indicate the exact location.

At the end of the meeting, Adrienne stated that the old gas station and torpedo shop area would not be included in the plans at this time. These two sites would probably be added within time to be included in the final set of plans.

The meeting was adjourned around 4:25 p.m.

If there are any additions or corrections, please contact the undersigned.

*Paul Burgess*

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Paul Burgess, P.E.  
Project Manager

ATTACHMENT

ATLANTIC

NSB NEW LONDON IR PROGRAM

Contract Award	September 19, 1988
Draft SI/RI/FS Work Plan to Navy (NORDIV)	November 16, 1988
Technical Review Committee Orientation Management and Work Plan Submission	November 28, 1988
Technical Review Committee Comments to NORDIV	December 26, 1988
Comments to Atlantic Environmental Services, Inc.	January 9, 1989
Atlantic Environmental Services, Inc. Response to Comments to NORDIV	January 30, 1989
Comments to the Technical Review Committee	February 6, 1989
Technical Review Committee Meeting	February 13, 1989
Final Work Plan Submission	March 6, 1989