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engineers  
geologists  
scientists

April 29, 1993

Ms. Carol Keating  
United States Environmental  
Protection Agency  
90 Canal Street  
Boston, MA 02114

RE: Phase I Data Validation  
Naval Submarine Base — New London  
Atlantic Project No.: 1256-24-02

Dear Ms. Keating:

In previous correspondence (May 20, 1992), you indicated that EPA requires federal facilities to submit a representative subset (no less than 10 percent) of analytical results to validation in accordance with EPA Region I guidelines. In this letter you also recommended that the Navy identify critical data points, i.e., analytical results generated from sample locations where multiple analyses were performed, and submit these data for additional validation in accordance with the November 1, 1988 Region I Laboratory Validation Guidelines for Evaluating Organic and Inorganic Analyses. Conclusions regarding the acceptability of these data will then be applied to the remainder of the data.

The Navy agreed to perform the additional data validation and contracted with Atlantic Environmental Services, Inc. (Atlantic) to perform the data validation.

A technical question regarding validation was raised by Atlantic's data validation subcontractor, META Environmental. To resolve this questions, Mr. Steven Stodola from the U.S. EPA Lexington Laboratory was consulted. This question was answered (one field blank per sample matrix (one water, one solid) will be validated and all other field and trip blanks will be used as is), however, Mr. Stodola requested that a letter listing the samples to be validated be sent to you for review and approval.

The requested list is enclosed and lists 70 samples or 25 percent of the Phase I data to be validated. Your timely review of this list would be appreciated to enable the validation of this data. Should you have any questions, please feel free to contact me.

Sincerely,

ATLANTIC ENVIRONMENTAL  
SERVICES, INC.



Barry L. Giroux  
Project Manager

BG:sjb

cc: Deborah Stockdale — NORDIV  
June Schneider — META

**PHASE I SAMPLES  
FOR DATA VALIDATION**

Solids		Solids (con't)		Water	
Sample I.D.	Location	Sample I.D.	Location	Sample I.D.	Location
2DMW11S (2-4)	Area A Downstream — Soil	7MW3 (6-8)	Torpedo Shop — Soil	2DSW6	Area A Downstream — Surface Water
3MW12S (0-3)	OBDA — Soil	7TB3 (4-6)	Torpedo Shop — Soil	2DSW1	Area A Downstream — Surface Water
2WTB8 (1-3)	Area A Wetland — Soil	7TB4 (4-6)	Torpedo Shop — Soil	2DSW4	Area A Downstream — Surface Water
2WTB8 (6-8)	Area A Wetland — Soil	7TB6 (6-8)	Torpedo Shop — Soil	2WSW2	Area A Wetland — Surface Water
2WTB8 (10-12)	Area A Wetland — Soil	2LMW19 (0-4)	Area A Landfill — Soil	2WSW3	Area A Wetland — Surface Water
2WTB3 (4-6)	Area A Wetland — Soil	2LTB2 (2-8)	Area A Landfill — Soil	2WSW1	Area A Wetland — Surface Water
2WTB3 (10-12)	Area A Wetland — Soil	2LMW17 (0-2)	Area A Landfill — Soil	2WMW3S	Area A Wetland — Ground Water
2WTB3 (15-17)	Area A Wetland — Soil	2LMW17 (4-8)	Area A Landfill — Soil	2WMW5S	Area A Wetland — Ground Water
2WTB3 (20-22)	Area A Wetland — Soil	2LMW7 (7-10)	Area A Landfill — Soil	7SW1	Torpedo Shop — Surface Water
2WTB9 (4-6)	Area A Wetland — Soil	2LMW9 (2-8)	Area A Landfill — Soil	2LMW19S	Area A Landfill — Ground Water
13MW17 (8-10)	Lower Subase — Soil	2LMW9 (0-4)	Area A Landfill — Soil	2LMW18S	Area A Landfill — Ground Water
13MW15 (12-14)	Lower Subase — Soil	2DSD4	Area A Downstream — Sediment	2LMW18D	Area A Landfill — Ground Water
13MW-13 (8-10)	Lower Subase — Soil	2DSD2	Area A Downstream — Sediment	2LMW8S	Area A Landfill — Ground Water
13MW14 (12-14)	Lower Subase — Soil	2DSD7	Area A Downstream — Sediment	13MW1S	Lower Subase — Ground Water
13MW4 (14-16)	Lower Subase — Soil	2DSD9	Area A Downstream — Sediment	13MW3S	Lower Subase — Ground Water
13MW16 (10-12)	Lower Subase — Soil	2DSD11	Area A Downstream — Sediment	13MW4S	Lower Subase — Ground Water
13MW24 (12-14)	Lower Subase — Soil	2DSD12	Area A Downstream — Sediment	13MW2S	Lower Subase — Ground Water
13MW23 (8-10)	Lower Subase — Soil	2DSD5	Area A Downstream — Sediment	13MW5S	Lower Subase — Ground Water
6TB7(0-2)	DRMO Area A Wetland — Soil	2DSD3	Area A Downstream — Sediment	13MW9S	Lower Subase — Ground Water
2WMW4 (0-2)	Area A Wetland — Soil	2DSD2	Area A Downstream — Sediment	<b>TOTAL = 19</b>	
6TB7 (2-4)	DRMO — Soil	2DSD8	Area A Downstream — Sediment	<b>TOTAL SOLIDS AND WATER = 70</b>	
6TB6 (0-2)	DRMO — Soil	2DSD1	Area A Downstream — Sediment		
6TB6 (2-4)	DRMO — Soil	2DSD6 DUP	Area A Downstream — Sediment		
6WM4 (0-2)	DRMO — Soil	2DSD10	Area A Downstream — Sediment		
6MW4 (2-4)	DRMO — Soil	15SS1	Spent Acid — Surface Soil		
7MW1 (0-2)	Torpedo Shop — Soil	<b>TOTAL = 51</b>			

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