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NTC ORLANDO
5090.3a

LETTER REQUESTING PERMISSION TO DISPOSE OF INVESTIGATIVE DERIVED WASTE
(IDW) FROM MONITORING WELLS NTC ORLANDO FL
2/21/1996
ABB ENVIRONMENTAL

February 21, 1996



Doc. No.: 08519-379

Mr. Jim Lockwood
Environmental Specialist
Environmental Control Section
City of Orlando
5100 L.B. McLeod Road
Orlando, Florida 32811

1D-00089

03.01.00.0002

RE: IDW Disposal Request
CTO 107, Contract No. N62467-89-D-0317

Dear Mr. Lockwood:

Per our telephone conversation of February 20th, ABB Environmental Services, Inc. (ABB-ES), as a representative of the U.S. Navy, would like to formally request permission to dispose of 56 55-gallon drums of investigative derived waste (IDW) generated during a recent field investigation at the Main Base. The IDW originated from the development and sampling of eight monitor wells, which are designated 44G00101 through 44G00801. The laboratory analytical results from groundwater samples pulled from these wells is enclosed along with the number of drums of IDW which originated from each well. It should be noted that the results are a "hits" list only, and only those the concentration of those compounds which exceed regulatory guidelines.

With your approval, we would like to dispose of this set of drums along with those currently being held in storage until an efficient and economical method of filtering the water can be developed. To refresh your memory, we've approximately 20 drums at the McCoy Annex, 11 drums at Area C, and another 35 drums at the Main Base which have been rejected for high aluminum (along with, in some instances, iron). The 56 drums in question would bring the total to 112 drums in need of disposal. The majority of these will need some treatment before disposal. Once we are prepared to begin treatment we anticipate that the treatment/disposal process will take approximately one week (5 working days) to complete. We hope to dedicate the period from March 3rd through 7th for those activities.

Along with the analytical results, I am enclosing maps showing the location of the field area and monitor wells. ABB-ES and the U.S. Navy greatly appreciate your consideration in this matter and look forward to hearing from your soon. Please forward any questions or comments to either myself, at (407) 895-8845, or Mr. Mark Zill, at (407) 646-4663.

Very truly yours,
ABB ENVIRONMENTAL SERVICES, INC.

P. Greg Mudd, P.G.
Senior Hydrogeologist

FILE COPY

PGM/lak
Enclosures

cc: John Kaiser, ABB-ES
Rick Allen, ABB-ES
Mark Zill, Code 010E, NTC Orlando
Wayne Hansel, Code 18B7, Southern Division



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ABB Environmental Services Inc.

1080 Woodcock Road, Suite 100
St. Paul Building
Orlando, Florida 32803

Telephone (407) 895-8845
Fax (407) 896-6150

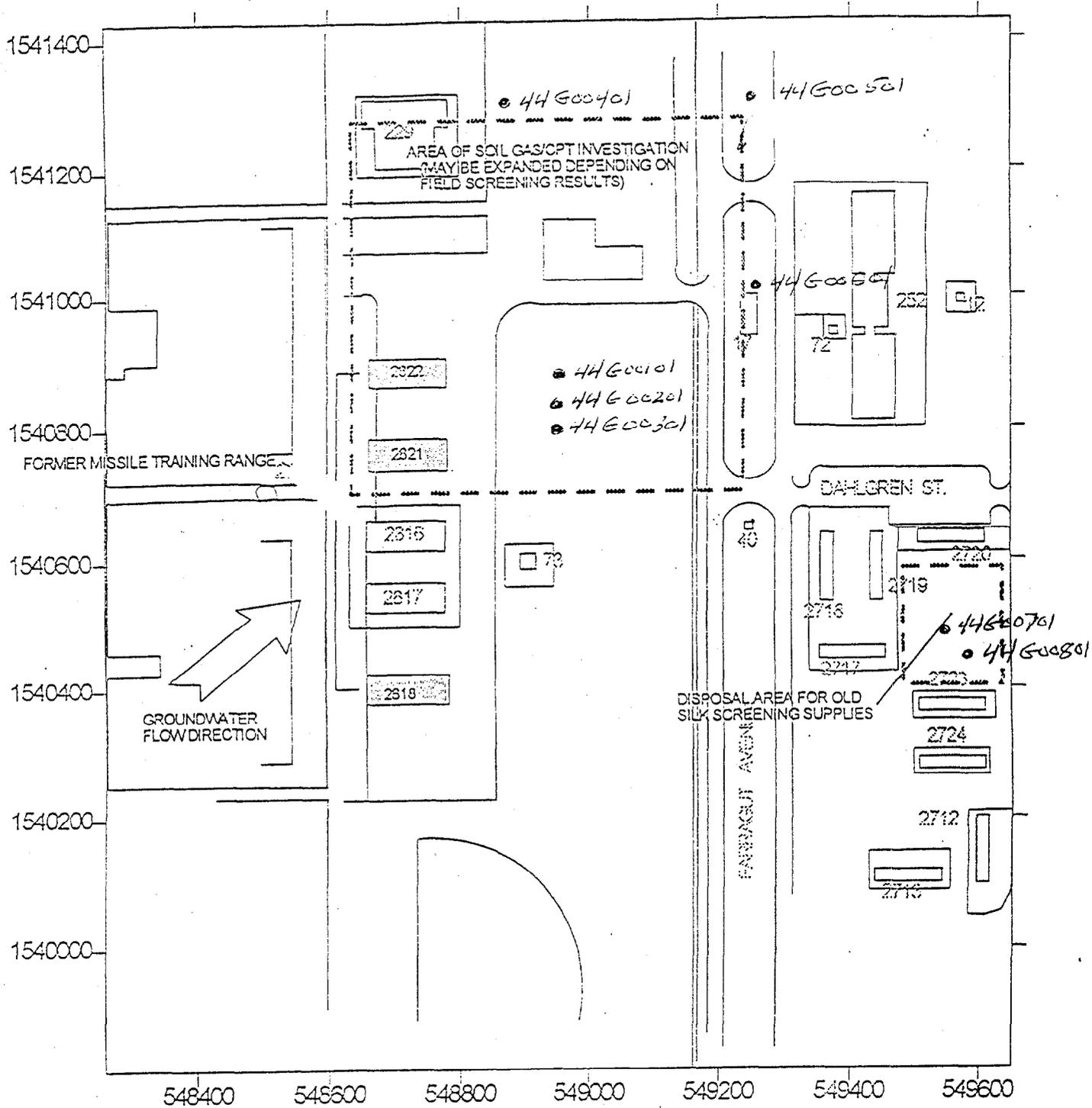


FIGURE 5
 FORMER MISSILE TRAINING RANGE AND
 DISPOSAL AREA FOR SILK SCREENING SUPPLIES

Appendix . Summary of Positive Detections in Groundwater Analytical Results
TCL Organics and TAL Inorganics

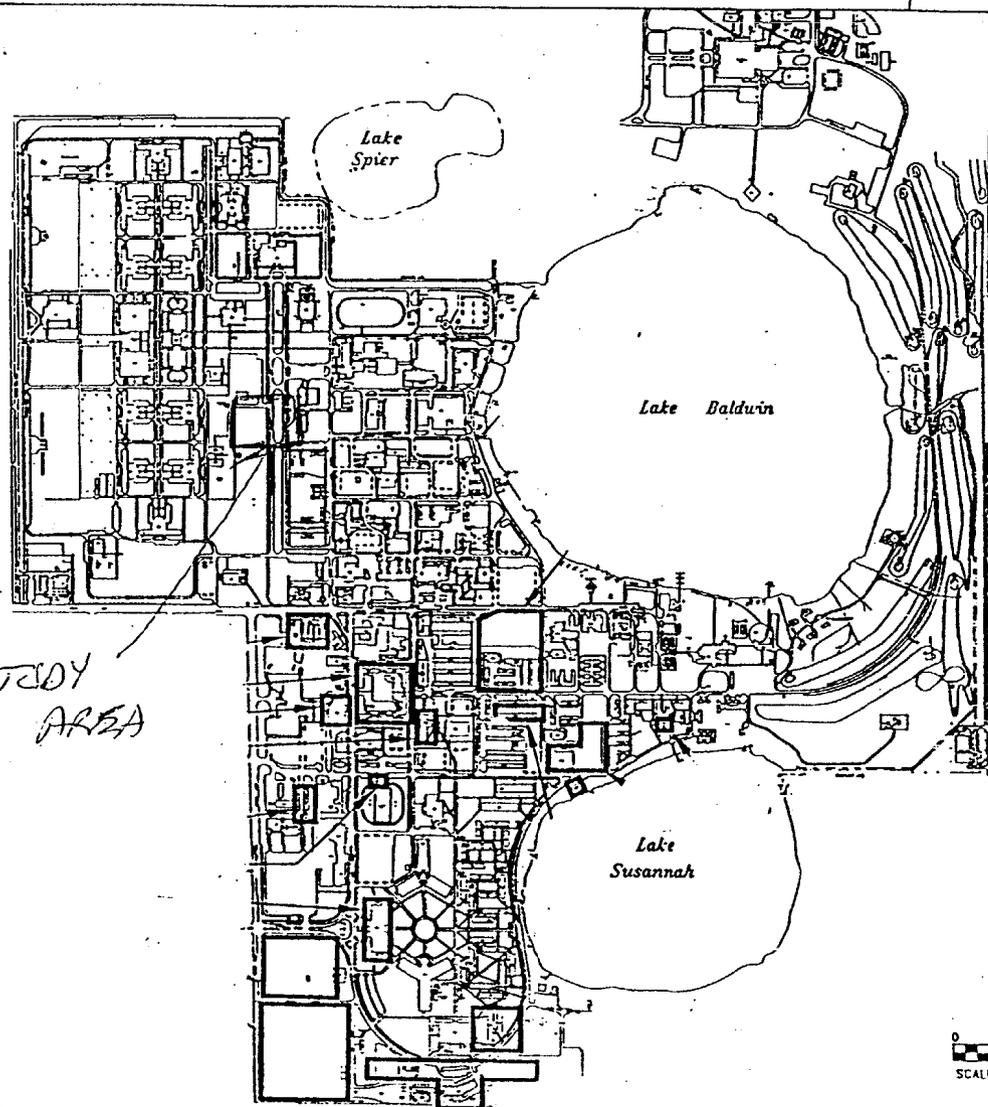
Site Screening, SA#44
Naval Training Center, Orlando
Orlando, FL

10 DRUMS 7 2 5 85 8 8 5

	44G00101	44G00201	44G00301	44G00301D	44G00401	44G00501	44G00601	44G00701	44G00801
	G8861003	G8861006	G8861004	G8861005	G8875004	G8875003	G8875002	G8875005	G8861007
	5-Dec-95	5-Dec-95	5-Dec-95	5-Dec-95	6-Dec-95	6-Dec-95	6-Dec-95	6-Dec-95	5-Dec-95
Organics, ug/L									
1,1-Dichloroethene	0.3 J								
2,4-Dinitrophenol					10 J				
2-Butanone					6				
4,6-Dinitro-2-methylphenol					2 J				
4-Methylphenol					1 J				
Acetone	4 J	2 J	5	5	8 B		4 JB	3 JB	1 J
bis(2-Ethylhexyl)phthalate	2 J	6 J	1 J	3 J	1 J	2 J		6 J	1 J
Bromodichloromethane	0.5 J	0.7 J							
Carbon disulfide		0.5 J	0.2 J	0.2 J				0.3 J	
Chloroform	2	3	0.4 J	0.3 J					
Di-n-octylphthalate						2 J			
Methylene chloride	0.3 JB	0.3 JB	0.3 JB	0.3 JB	0.3 JB				
Pentachlorophenol					1				
Styrene		0.4 J							
Tetrachloroethene	0.3 J								
Trichloroethene	0.3 J								
Inorganics, ug/L									
Aluminum	312	12500			702	435	172 B	14000	569
Arsenic	6.4 B	2.4 B			2.2 B			1.8 BW	
Barium	25.2 B	194 B	4.8 B	4.9 B	12.6 B	10.8 B	2.7 B	10.8 B	3.8 B
Beryllium		0.63 B						0.25 B	
Calcium	25200	13300	77600	76100	63000	72600	75800	10500	16100
Chromium		21.2						26.7	
Copper	3.1 B	5.3 B	2 B	4.2 B	4.3 B	4.8 B	2.3 B	20.8 B	3.3 B
Iron	215	764			546	323	41.4 B	420	44.1 B
Lead	2.3 B	6.4	1.3 B	1.3 B	1.9 B	0.81 B	1.9 B	6.2	2.3 B
Magnesium	1850 B	1070 B	1470 B	1420 B	4480 B	3450 B	4850 B	1700 B	2290 B
Manganese	3.8 B	12.1 B	3 B	2.8 B	30.3	36.7	1.4 B	6.9 B	4.1 B
Mercury		0.66 B						0.46	
Potassium	4810 B	9440	1520 B	1830 B	3660 B	2430 B	1010 B	1920 B	1620 B
Selenium	1.7 B	2.5 B	1.2 B	1.2 B	1.3 B	1.8 B	1.4 B	1.9 B	1.2 B
Sodium	7630	20100	1430 B	1430 B	3450 B	5030	3760 B	1130 B	2520 B
Vanadium		9.3 B	8.3 B	6.3 B	3.5 B				
Zinc	4.2 B	18.9 B	7.6 B	6.8 B	5 B	2.5 B		8.5 B	4.9 B

DUPLICATE

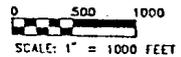
AFT



STUDY
AREA

FIGURE 1

NTC
ORLANDO



SITE SCREENING PLAN

NAVAL TRAINING CENTER
ORLANDO, FLORIDA