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LETTER REGARDING MONITORING ONLY PROPOSAL BUILDING 2036 WITH ATTACHMENT NTC ORLANDO FL
3/18/1997
ABB ENVIRONMENTAL SERVICES, INC

ABB

08519.486

March 18, 1997

Mr. John W. Mitchell
Remedial Project Manager
State of Florida
Department of Environmental Protection
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

SUBJECT: Naval Training Center, Orlando, Florida
Main Base, Building 2036
Monitoring Only Proposal
Contract No. N62467-89-D-0317/107

Dear Mr. Mitchell:

A Contamination Assessment Report (CAR) was completed for Building 2036, Main Base, Naval Training Center (NTC), Orlando, Florida, on March 28, 1996. The CAR recommended that a Remedial Action Plan (RAP) be prepared for the site to address the presence of petroleum-impacted soil and groundwater beneath the site. As part of the RAP, a pilot test was performed using enhanced vacuum extraction to assess the radius of influence needed to design an onsite vacuum extraction system. As a result of the vacuum applied to monitoring well MW-1, located in the center of the petroleum-impacted area, 800 gallons of groundwater were removed from the site by Southern Waste Services, Inc., and disposed of at the Howco facility in St. Petersburg, Florida. Figure 1 (Attachment A) is the site plan showing the monitoring well locations. Figure 2 is the water table elevation map showing groundwater flow at the site from southwest to northeast. Attachment C is a letter report dated December 5, 1996, outlining the findings and recommending a second groundwater extraction event for the site.

A letter dated December 16, 1996, from the Florida Department of Environmental Protection (FDEP) agreed with the recommendation for a second "overdevelopment" of monitoring well MW-1; Attachment D contains a copy of this letter. On December 23, 1996, a total of 2,000-gallons of groundwater was extracted from monitoring well MW-1 by Southern Waste Service, Inc. using a vacuum truck and transported to the Howco facility in St. Petersburg, Florida. Attachment E contains the disposal manifest for the extracted groundwater.

After overdeveloping monitoring well MW-1, ABB Environmental Services, Inc. (ABB-ES), sampled monitoring well MW-1 on December 27, 1996, and on February 13, 1997. The December 27, 1996, sampling event reported ethylbenzene at 87.4 micrograms per liter ($\mu g/\ell$), toluene at 110 $\mu g/\ell$, xylenes

ABB Environmental Services, Inc.

2590 Executive Center Circle East
Berkeley Building
Tallahassee, Florida 32301

Telephone
904-656-1293

Fax
904-877-0742

at 510 $\mu g/\ell$, and total volatile organic aromatics (VOAs) at 707.4 $\mu g/\ell$. Polynuclear aromatic hydrocarbons (USEPA Method 610) were not sampled during the December 27, 1996, sampling event.

During the February 13, 1997, sampling event, samples were collected and transported to PC&B Environmental Laboratories, Inc., for analyses using USEPA Methods 602 and 610. Laboratory analytical results show ethylbenzene at 7.8 $\mu g/\ell$, toluene at 5.7 $\mu g/\ell$, xylenes at 27.6 $\mu g/\ell$, and total VOAs at 60.9 $\mu g/\ell$. Total naphthalene was found at 45 $\mu g/\ell$, and all other parameters tested were below laboratory standard detection limits. The enclosed table (Attachment B) summarizes the groundwater laboratory analytical results for the site. Attachment F contains the laboratory analytical reports and chain-of-custody records.

Significant decreases in petroleum impact to groundwater have been achieved by overdeveloping monitoring well MW-1 as shown in the December 1996 and February 1997 sampling events (see enclosed table). The February 1997 sampling event shows petroleum impact to groundwater just above the "no further action" criteria for total VOAs. Based on these findings, ABB-ES recommends that a complete round of samples be collected 3 months from the last sampling event (February 1997). If the site does not meet the "no further action" criteria, then the site should be monitored quarterly for three additional quarters. Monitoring at the site should consist of collecting groundwater samples from monitoring wells MW-1, MW-2, and MW-4. The groundwater samples will be analyzed using USEPA Methods 602 and 610. Quarterly monitoring reports will be submitted to FDEP, and the last quarter monitoring report will include recommendations for the final disposition of the site.

If you have any questions concerning this site, please contact Mr. Nick Ugolini at (803) 820-5596 or the undersigned at (407) 895-8845.

Sincerely,

ABB ENVIRONMENTAL SERVICES, INC.

John Kaiser

John P. Kaiser
Installation Manager

Manuel Alonso 4/2/97

Manuel Alonso, P.G.
Senior Geologist
P.G. No. 0001256

cc: Nick Ugolini, Code 1843, Southern Division
Wayne Hansel, Code 18B7, Southern Division
Lt. Gary Whipple, NTC, Orlando
Mark Zill, NTC, Orlando
Nancy Rodriguez, USEPA

Attachments

NTCB2038.LTR
ASW.03.97

ATTACHMENT A

FIGURES

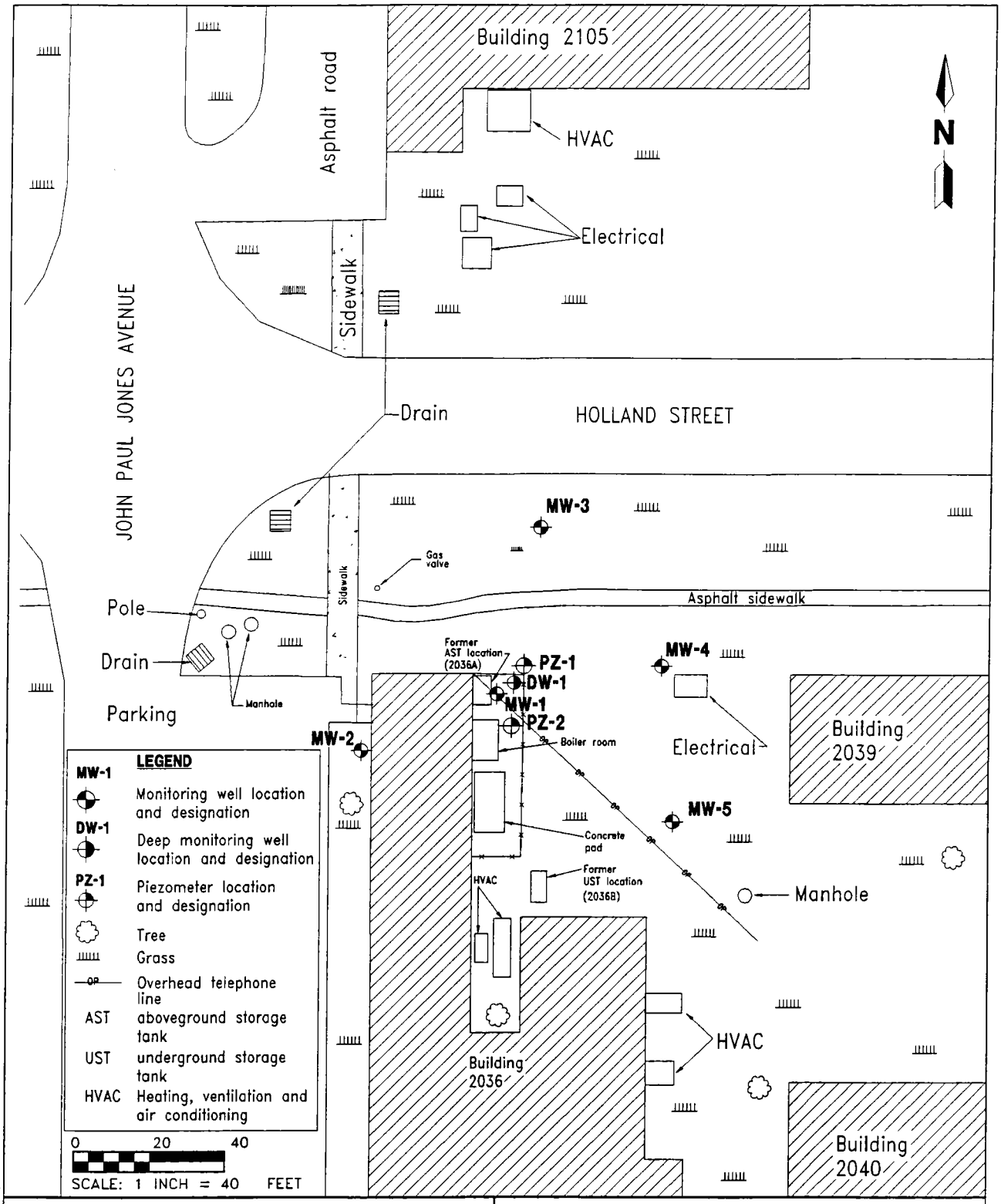

FIGURE 1
SITE MAP

CONTAMINATION ASSESSMENT REPORT ADDENDUM
BUILDING 2036
MAIN BASE
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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ATTACHMENT B

TABLE

Table 1-1
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 2036, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels	Monitoring Well Number							
		MW-1				MW-2		MW-3	
		11/15/95	10/2/96	12/27/96	2/13/97	11/5/95	10/2/96	11/15/95	10/2/96
Benzene	1	<20.0	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	NA	65	10.1	87.4	7.8	<1	<1	<1	<1
Toluene	NA	50	13.5	110	5.7	<1	<1	<1	<1
Xylenes	NA	350	53.8	510	27.6	<1	<1	<1	<1
Total VOAs	50	465	77.4	707.4	60.9	<1	<1	<1	<1
MTBE	50	8.7	<5	<5	<5	<1	<5	<1	<5
EDB	0.02	<0.02	NS	NS	NS	<0.02	NS	<1	NS
Total lead	50	1,520	48	NS	NS	8.6	<3	13.5	<3
TRPH	5,000	17,400	2,500	NS	NS	<1,000	<1,000	<1,000	<1,000
Naphthalene (total)	100	1,010	49	NS	45	<2	<5	<2	<5
Acenaphthylene	*<2	<80	<5	NS	<5	<2	<5	<2	<5
Acenaphthene	*<2	<80	<5	NS	<5	<2	<5	<2	<5
Dichlorodifluoromethane	*1,400	<20	<5	NS	NS	100	<1	7.2	NS
Fluorene	*<2	230	<5	NS	<5	<2	<5	<2	<5
Phenanthrene	*<2	95	<5	NS	<5	<2	<5	<2	<5
Pyrene	*<2	<80	<5	NS	<5	<2	<5	<2	<5

See notes at end of table.

ATTACHMENT C

DECEMBER 5, 1996 LETTER REPORT

December 5, 1996

Document No.: 08519.471

Mr. John W. Mitchell
Remedial Project Manager
State of Florida Department of Environmental Protection
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: NTC, Orlando, Florida
Main Base, Building 2036
Alternative Action Request
CTO 107, Contract No.: N62467-89-D-0317

Dear Mr. Mitchell:

As recommended in the Contamination Assessment Report (CAR) dated March 1996, ABB-ES is developing a Remedial Action Plan (RAP) for the above referenced site. As a part of the RAP investigation ABB-ES performed a pilot test study using the enhanced vacuum truck in order to determine the radius of influence and design a vapor extraction system. Two piezometers were installed; PZ-1 and PZ-2, approximately 5 and 10 feet away from the contaminated well MW-1 as shown in the attached figure. The length of the test was about 2 hrs and the vacuum truck operated at a constant vacuum rate of 50 inches of water. A total of 800 gallons of groundwater were extracted from MW-1 using the vacuum truck on August 15, 1996. Southern Waste Services Inc. disposed of the contaminated water at the Howco facility in St. Petersburg, Florida. Enclosed in Attachment A is the disposal manifest for the extracted groundwater.

On September 2, 1996 ABB-ES resampled wells MW-1 through MW-5 and DW-1 at the above mentioned site as a part of the RAP investigation. The groundwater samples were transported to PC&B Environmental Laboratories,Inc. in Oviedo, Florida to be analyzed using Environmental Protection Agency (EPA) Methods 602 and 610. Laboratory analytical results showed a significant decrease in the contaminant concentration for the EPA Method 602 Benzene from 20 ug/l to <1 ug/l and total VOA's from 465 to 77.4 ug/l. A comparison with EPA Method 602 and 610 parameters values collected during the CAR preparation and the RAP preparation are shown as Table 2-1 in Attachment B.

Based on the groundwater results, additional soil investigation was performed at the site. Three soil borings were installed to the depth of the watertable; SB-1a, SB-2a and SB-3a, the same locations as SB-1, SB-2 and SB-3. The results of OVA's were as follows: 50 ppm (SB-1a), 72 ppm (SB-2a) and 2 ppm (SB-3a) for total OVA's.

Based on the results of the October 12, 1996 sampling and analyses event the site qualifies for a Monitoring Only Plan. However, in view of the small area with low levels of contamination, ABB-ES recommends an additional groundwater extraction and sampling event, the results of which may qualify the site for No Further Action proposal.

ABB Environmental Services Inc.

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

Tel. (407) 895-8845
Fax (407) 896-6150

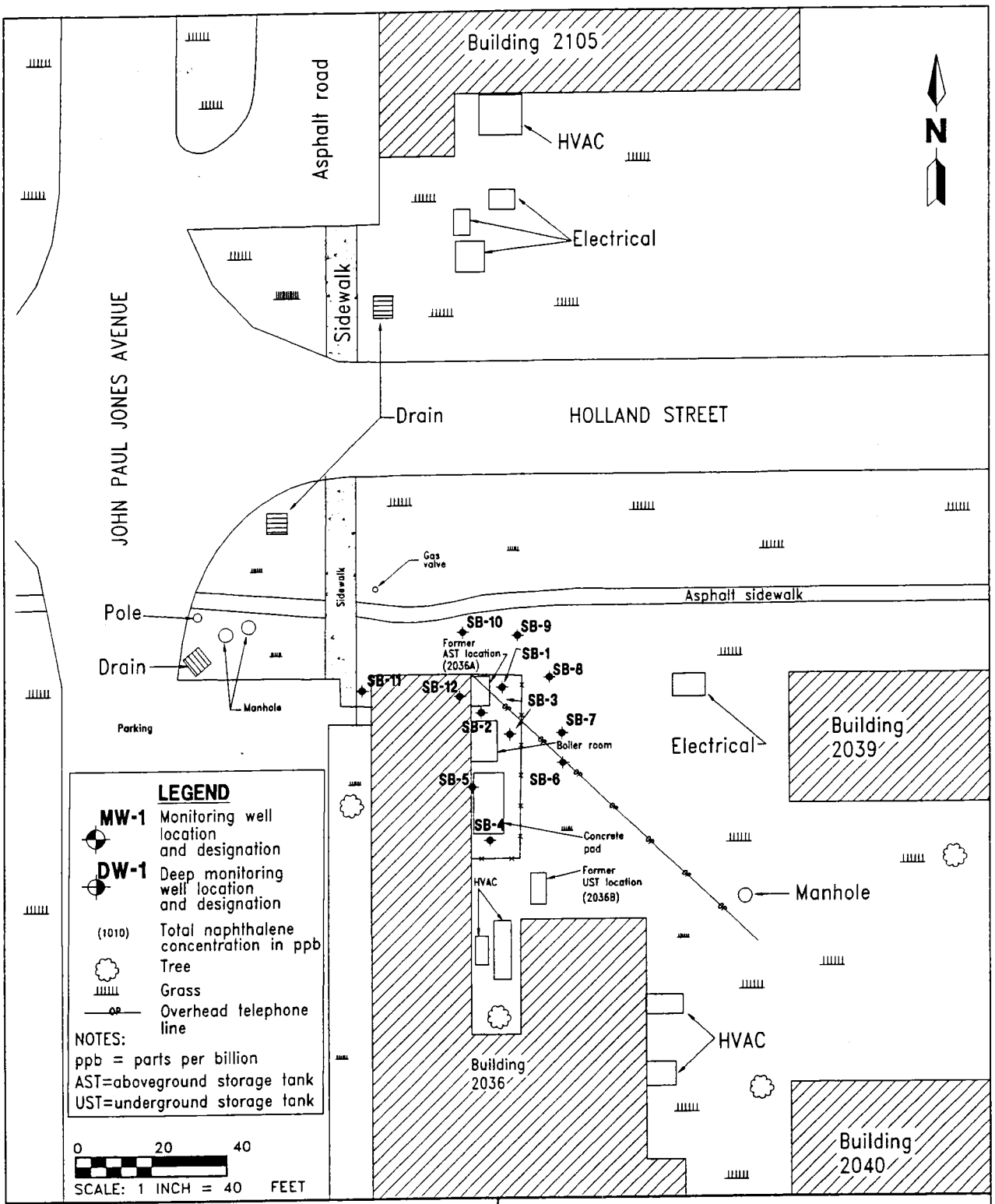

FIGURE 1
SITE MAP

CONTAMINATION ASSESSMENT REPORT ADDENDUM
BUILDING 2036
MAIN BASE
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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Table 3-1 Cont'
Summary of Organic Vapor Analyses, October 25, 1995

Contamination Assessment Report
Building 2036
Naval Training Center
Orlando, Florida

Hand Auger Soil Boring No.	Depth (feet)	Unfiltered (ppm)	Filtered (ppm)	Total Hydrocarbons (ppm)	Comments
SB-1A	0-1	<1	<1	<1	Well sorted fine grained brown silty sand; no odor
	1-2	20	3	17	Well sorted fine grained brown silty sand; no odor
	2-3	140	3	134	Well sorted fine grained brown silty sand; no odor
SB-2A	0-1	<1	<1	<1	Well sorted fine grained light gray to dark brown silty sand; no odor
	1-2	4	<1	4	Well sorted fine grained light gray to dark brown silty sand; no odor
	2-3	<1	<1	<1	Well sorted fine grained light gray to dark brown silty sand; no odor
SE-3A	0-1	2	<1	2	Well sorted fine grained light gray to dark brown silty sand; no odor
	1-2	2	<1	2	Well sorted fine grained dark brown to light tan silty sand; strong organic odor
	2-3	12	2	10	Well sorted fine grained light tan silty sand; no odor

Notes: Readings for unfiltered samples are total hydrocarbon readings including methane; readings for filtered samples are methane only.
ppm = parts per million.
<1 = nondeductible limit for PortaFID II™.
bls = below land surface.
ft = feet

Table 3-2
Summary of Groundwater Analytical Results

Contamination Assessment Report
Building No. 2036, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770 Target Cleanup Levels	Monitoring Well Number						
		MW-1 11/15/95	MW-2 11/15/95	MW-3 11/15/95	MW-4 11/15/95	MW-5 11/15/95	DW-1 11/15/95	TW-1 10/9/95
Benzene	1	<20.0	<1	<5	<1	<1	<1	<2
Toluene	NA	65	<1	<5	<1	<1	<1	10
Ethylbenzene	NA	50	<1	<5	<1	<1	<1	4.5
Xylenes	NA	350	<1	<5	<1	<1	<1	59
Total VOAs	50	465	<1	<5	<1	<1	<1	73.5
MTBE	50	8.7	<1	<1	<1	<1	<1	<2
EDB	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	NA
Total Lead	50	1520	8.6	13.5	17.7	9.8	<2.0	NA
TRPH	5	17,400	<1	<1	<1	<1	<1	NA
Naphthalenes (total)	100	1010	<2	<2	<2	<2	<2	490
Acenaphthylene	<2	<80	<2	<2	<2	<2	<2	120
Acenaphthene	<2	<80	<2	<2	<2	<2	<2	59
Dichlorodifluoromethane	*1,400	<20	100	7.2	<1	<1	<1	NA
Fluorene	<2	230	<2	<2	<2	<2	<2	220
Phenanthrene	<2	95	<2	<2	<2	<2	<2	94
Pyrene	<2	<80	<2	<2	<2	<2	<2	<20

* State of Florida Guidance Concentration.

Notes: All data listed in parts per billion (ppb).

< = less than.
NA = not applicable.
Total VOA = sum of the concentrations of benzene, toluene, ethylbenzene, and xylenes.
MTBE = methyl tert-butyl ether.
EDB = ethylene dibromide.
TRPH = total recoverable petroleum hydrocarbons.

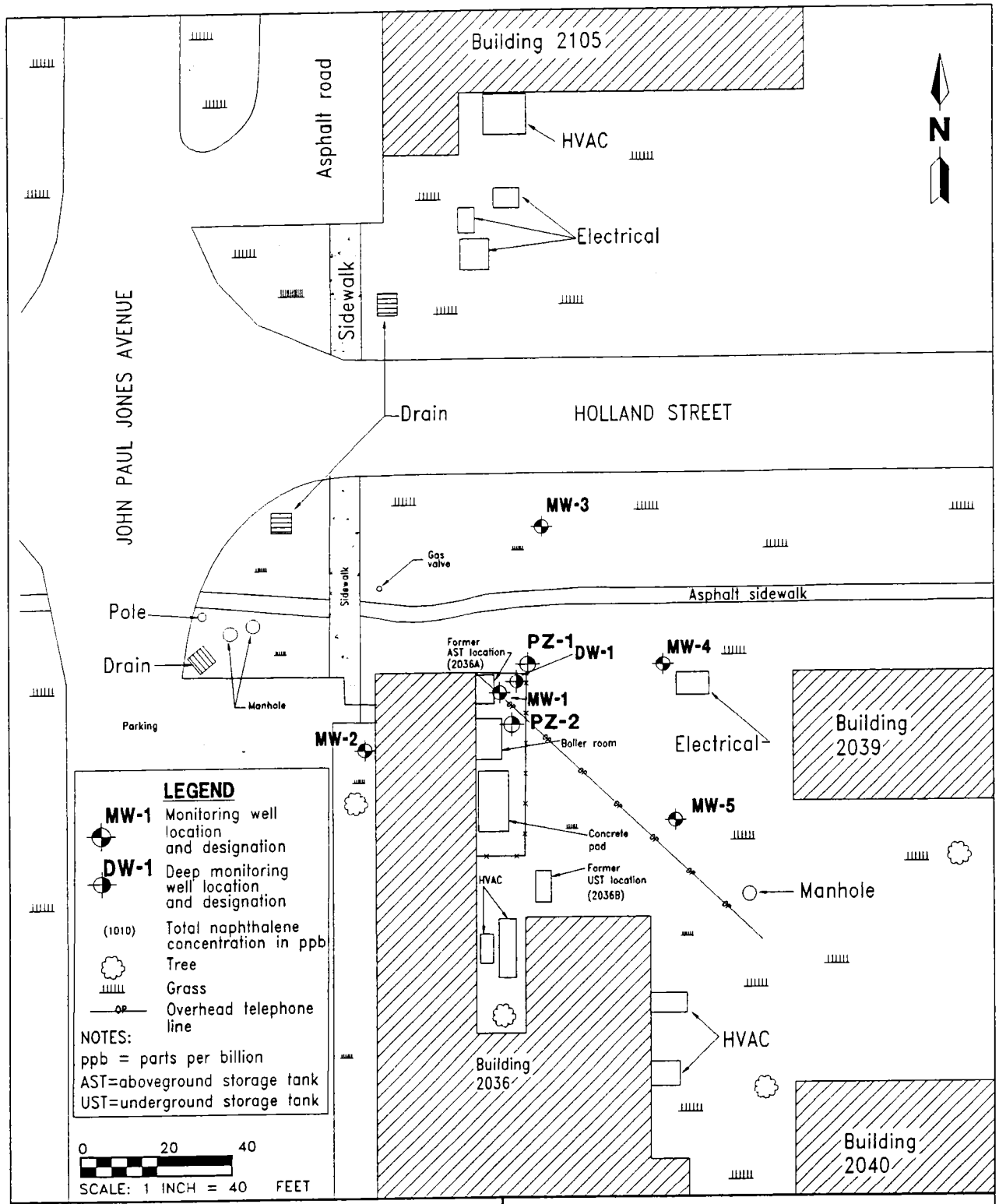

FIGURE 2
SITE MAP

CONTAMINATION ASSESSMENT REPORT ADDENDUM
BUILDING 2036
MAIN BASE
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

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ATTACHMENT D

DECEMBER 16, 1996
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION LETTER

Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

December 16, 1996

Mr. Nick Ugolini
Code 184(PVC)
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
P.O. Box 190010
North Charleston, South Carolina 29419-9010

RE: Alternative Action Request, Building 2036, Main Base, NTC Orlando
FDEP #488840202

Dear Mr. Ugolini:

I have completed the technical review of the Alternative Action Request dated December 5, 1996 (received December 9, 1996) submitted for Building 2036. As current contamination in soils and groundwater qualify for a Monitoring Only Proposal (MOP), a Remedial Action Plan as previously required by the Department is no longer required. The contaminated soil is only slightly above 50 ppm on the OVA in one sampling location and the groundwater contamination is only slightly above 50 ppb for BTEX. Prior to submitting a request for a MOP, I agree to the request to overdevelop MW-1 one more time to see if levels can be reduced to No Further Action levels.

If I can be of any further assistance with this matter, please contact me at (904) 921-9989.

Sincerely,

John W. Mitchell
Remedial Project Manager

cc: Wayne Hansel, Navy SouthDiv
John Kaiser, ABB, Orlando
Oscar "Mac" McNeil, Bechtel, Knoxville
Nancy Rodriguez, USEPA Region IV
Gary Whipple, NTC Orlando
Steve McCoy, Brown and Root, Oak Ridge
Bill Bostwick, FDEP Central District

TJB TB JJC JJC ESN ESN

ATTACHMENT E

EXTRACTED GROUNDWATER DISPOSAL MANIFEST

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address ABB ENVIRONMENTAL SERVICES
1080 WOODCOCK RD SUITE 100 ORLANDO 71 32803

4. Generator's Phone (407) 895-8845 ATT MIKNABARQ

5. Transporter 1 Company Name: SOUTHERN WASTE SERVICES
6. US EPA ID Number: F.L.0.0.0.0.9.9.7.7.4.4

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: HOWCO
843 430D ST. S
ST. PETERSBURG, 71 33711
10. US EPA ID Number: F.L.0.1.5.2.7.6.2.7.6.7

A. Transporter's Phone 813-546-6193
B. Transporter's Phone
C. Facility's Phone 813-323-0818

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. PETROLEUM CONTACT WATER	001	TT	0.2.0.00	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

EMERGENCY PHONE # 1-800-881-8369

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
MARK [illegible]	[illegible]	1.2	2.3	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
LARRY CARTER	[illegible]	1.2	2.3	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

12-BLS-C6 Rev. 4/94

GENERATOR'S COPY

ATTACHMENT F

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	G8765006				G8765001				G8765002				G8765002DL			
Site	2036				2036				2036				2036			
Locator	017GD101				017GM101				017GM201				017GM201DL			
Collect Date:	15-NOV-95				15-NOV-95				15-NOV-95				15-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EDB																
Ethylene dibromide	.02	U	ug/l	.02	.02	U	ug/l	.02	.02	U	ug/l	.02	-			
EPA 601/602																
Chloromethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Bromomethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Dichlorodifluoromethane	1	U	ug/l	1	20	U	ug/l	20	100	E	ug/l		100		ug/l	
Vinyl chloride	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Chloroethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Methylene chloride	5	U	ug/l	5	100	U	ug/l	100	5	U	ug/l	5	25	U	ug/l	25
Trichlorofluoromethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,1-Dichloroethene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,1-Dichloroethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
trans-1,2-Dichloroethene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Chloroform	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,2-Dichloroethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,1,1-Trichloroethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Carbon tetrachloride	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Bromodichloromethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,2-Dichloropropane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
cis-1,3-Dichloropropene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Trichloroethene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Dibromochloromethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,1,2-Trichloroethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
trans-1,3-Dichloropropene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Bromoform	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Tetrachloroethene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Chlorobenzene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,3-Dichlorobenzene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,2-Dichlorobenzene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
1,4-Dichlorobenzene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Methyl tert-butyl ether	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Benzene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Toluene	1	U	ug/l	1	65		ug/l		1	U	ug/l	1	5	U	ug/l	5
Chlorobenzene	1	U	ug/l	1	20	U	ug/l	20	1	U	ug/l	1	5	U	ug/l	5
Ethylbenzene	1	U	ug/l	1	50		ug/l		1	U	ug/l	1	5	U	ug/l	5
Xylenes (total)	1	U	ug/l	1	350		ug/l		1	U	ug/l	1	5	U	ug/l	5
o-Xylene	-				-				-				-			
m,p-Xylene	-				-				-				-			
LEAD																
Lead	2	U	ug/l	2	1520		ug/l		8.6		ug/l		-			
PNA COMPDS																
Naphthalene	2	U	ug/l	2	220		ug/l		2	U	ug/l	2	-			
2-Methylnaphthalene	2	U	ug/l	2	390		ug/l		2	U	ug/l	2	-			
1-Methylnaphthalene	2	U	ug/l	2	400		ug/l		2	U	ug/l	2	-			
Acenaphthylene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Acenaphthene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Fluorene	2	U	ug/l	2	230		ug/l		2	U	ug/l	2	-			

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	G8765006				G8765001				G8765002				G8765002DL		
Site	2036				2036				2036				2036		
Locator	017GD101				017GM101				017GM201				017GM201DL		
Collect Date:	15-NOV-95				15-NOV-95				15-NOV-95				15-NOV-95		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Phenanthrene	2	U	ug/l	2	95		ug/l		2	U	ug/l	2	-			
Anthracene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Fluoranthene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Pyrene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Benzo (a) anthracene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Chrysene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Benzo (b) fluoranthene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Benzo (k) fluoranthene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Benzo (a) pyrene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Indeno (1,2,3-cd) pyrene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Dibenzo (a,h) anthracene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
Benzo (g,h,i) perylene	2	U	ug/l	2	80	U	ug/l	80	2	U	ug/l	2	-			
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1	U	mg/l	1	17.4		mg/l		1	U	mg/l	1	-			

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	G8765003				G8765004				G8538005				G8765005			
Site	2036				2036				2036				2036			
Locator	017GM301				017GM401				017GT101				017GM501			
Collect Date:	15-NOV-95				15-NOV-95				09-OCT-95				15-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EDB																
Ethylene dibromide	.02	U	ug/l	.02	.02	U	ug/l	.02	-				.02	U	ug/l	.02
EPA 601/602																
Chloromethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Bromomethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Dichlorodifluoromethane	7.2		ug/l		1	U	ug/l	1	-				1	U	ug/l	1
Vinyl chloride	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Chloroethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Methylene chloride	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Trichlorofluoromethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,1-Dichloroethene	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,1-Dichloroethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
trans-1,2-Dichloroethene	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Chloroform	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,2-Dichloroethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,1,1-Trichloroethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Carbon tetrachloride	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Bromodichloromethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,2-Dichloropropane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
cis-1,3-Dichloropropene	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Trichloroethene	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Dibromochloromethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,1,2-Trichloroethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
trans-1,3-Dichloropropene	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Bromoform	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Tetrachloroethene	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
1,3-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
1,2-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
1,4-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
Methyl tert-butyl ether	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
Benzene	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
Toluene	1	U	ug/l	1	1	U	ug/l	1	4.5		ug/l	2	1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1	1	U	ug/l	1	2	U	ug/l	2	1	U	ug/l	1
Ethylbenzene	1	U	ug/l	1	1	U	ug/l	1	10		ug/l	2	1	U	ug/l	1
Xylenes (total)	1	U	ug/l	1	1	U	ug/l	1	-				1	U	ug/l	1
o-Xylene	-				-				33		ug/l	2	-			
m,p-Xylene	-				-				26		ug/l	4	-			

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	G8765003				G8765004				G8538005				G8765005			
Site	2036				2036				2036				2036			
Locator	017GM301				017GM401				017GT101				017GM501			
Collect Date:	15-NOV-95				15-NOV-95				09-OCT-95				15-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LEAD																
Lead	13.5		ug/l		17.7		ug/l		-				9.8		ug/l	
PNA COMPDS																
Naphthalene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
2-Methylnaphthalene	2	U	ug/l	2	2	U	ug/l	2	300		ug/l	20	2	U	ug/l	2
1-Methylnaphthalene	2	U	ug/l	2	2	U	ug/l	2	190		ug/l	20	2	U	ug/l	2
Acenaphthylene	2	U	ug/l	2	2	U	ug/l	2	120		ug/l	20	2	U	ug/l	2
Acenaphthene	2	U	ug/l	2	2	U	ug/l	2	59		ug/l	20	2	U	ug/l	2
Fluorene	2	U	ug/l	2	2	U	ug/l	2	220		ug/l	20	2	U	ug/l	2
Phenanthrene	2	U	ug/l	2	2	U	ug/l	2	94		ug/l	20	2	U	ug/l	2
Anthracene	2	U	ug/l	2	2	U	ug/l	2	53		ug/l	20	2	U	ug/l	2
Fluoranthene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Pyrene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Benzo (a) anthracene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Chrysene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Benzo (b) fluoranthene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Benzo (k) fluoranthene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Benzo (a) pyrene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Indeno (1,2,3-cd) pyrene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Dibenzo (a,h) anthracene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
Benzo (g,h,i) perylene	2	U	ug/l	2	2	U	ug/l	2	20	U	ug/l	20	2	U	ug/l	2
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1	U	mg/l	1	1	U	mg/l	1	-				1	U	mg/l	1

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-6				96100019-1				96120204-1				96100019-2			
Site	2036				2036				2036				2036			
Locator	017GD102/2036DW1				017GM102/2036MW1				017GM103/MW-1				017GM202/2036MW2			
Collect Date:	01-OCT-96				01-OCT-96				27-DEC-96				01-OCT-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EDB																
Ethylene dibromide	-				-				-				-			
EPA 601/602																
Chloromethane	-				-				-				-			
Bromomethane	-				-				-				-			
Dichlorodifluoromethane	-				-				-				-			
Vinyl chloride	-				-				-				-			
Chloroethane	-				-				-				-			
Methylene chloride	-				-				-				-			
Trichlorofluoromethane	-				-				-				-			
1,1-Dichloroethene	-				-				-				-			
1,1-Dichloroethane	-				-				-				-			
trans-1,2-Dichloroethene	-				-				-				-			
Chloroform	-				-				-				-			
1,2-Dichloroethane	-				-				-				-			
1,1,1-Trichloroethane	-				-				-				-			
Carbon tetrachloride	-				-				-				-			
Bromodichloromethane	-				-				-				-			
1,2-Dichloropropane	-				-				-				-			
cis-1,3-Dichloropropene	-				-				-				-			
Trichloroethene	-				-				-				-			
Dibromochloromethane	-				-				-				-			
1,1,2-Trichloroethane	-				-				-				-			
trans-1,3-Dichloropropene	-				-				-				-			
Bromoform	-				-				-				-			
1,1,2,2-Tetrachloroethane	-				-				-				-			
Tetrachloroethene	-				-				-				-			
Chlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
1,3-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
1,2-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
1,4-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Methyl tert-butyl ether	-				-				-				-			
Benzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Toluene	1	U	ug/l	1	13.5		ug/l	1	110		ug/l	1	1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Ethylbenzene	1	U	ug/l	1	10.1		ug/l	1	87.4		ug/l	1	1	U	ug/l	1
Xylenes (total)	-				-				-				-			
o-Xylene	1	U	ug/l	1	21		ug/l	1	182		ug/l	1	1	U	ug/l	1
m,p-Xylene	-				-				-				-			

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-6				96100019-1				96120204-1				96100019-2			
Site	2036				2036				2036				2036			
Locator	017GD102/2036DW1				017GM102/2036MW1				017GM103/MW-1				017GM202/2036MW2			
Collect Date:	01-OCT-96				01-OCT-96				27-DEC-96				01-OCT-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LEAD																
Lead	3	U	ug/l	3	48		ug/l	3	-				3	U	ug/l	3
PNA COMPDS																
Naphthalene	5	U	ug/l	5	13		ug/l	5	-				5	U	ug/l	5
2-Methylnaphthalene	-				-				-				-			
1-Methylnaphthalene	5	U	ug/l	5	19		ug/l	5	-				5	U	ug/l	5
Acenaphthylene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Acenaphthene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Fluorene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Phenanthrene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Anthracene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Fluoranthene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Pyrene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Benzo (a) anthracene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Chrysene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Benzo (b) fluoranthene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Benzo (k) fluoranthene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Benzo (a) pyrene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Indeno (1,2,3-cd) pyrene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
Dibenzo (a,h) anthracene	-				-				-				-			
Benzo (g,h,i) perylene	5	U	ug/l	5	5	U	ug/l	5	-				5	U	ug/l	5
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1	U	mg/l	1	2.5		mg/l	1	-				1	U	mg/l	1

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	97020095-1				96100019-3				96100019-4				96100019-5			
Site	2036				2036				2036				2036			
Locator	017GM104/2036 MW-1				017GM302/2036MW3				017GM402/2036MW4				017GM502/2036MW5			
Collect Date:	13-FEB-97				01-OCT-96				01-OCT-96				01-OCT-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EDB																
Ethylene dibromide	-				-				-				-			
EPA 601/602																
Chloromethane	-				-				-				-			
Bromomethane	-				-				-				-			
Dichlorodifluoromethane	-				-				-				-			
Vinyl chloride	-				-				-				-			
Chloroethane	-				-				-				-			
Methylene chloride	-				-				-				-			
Trichlorofluoromethane	-				-				-				-			
1,1-Dichloroethene	-				-				-				-			
1,1-Dichloroethane	-				-				-				-			
trans-1,2-Dichloroethene	-				-				-				-			
Chloroform	-				-				-				-			
1,2-Dichloroethane	-				-				-				-			
1,1,1-Trichloroethane	-				-				-				-			
Carbon tetrachloride	-				-				-				-			
Bromodichloromethane	-				-				-				-			
1,2-Dichloropropane	-				-				-				-			
cis-1,3-Dichloropropene	-				-				-				-			
Trichloroethene	-				-				-				-			
Dibromochloromethane	-				-				-				-			
1,1,2-Trichloroethane	-				-				-				-			
trans-1,3-Dichloropropene	-				-				-				-			
Bromoform	-				-				-				-			
1,1,2,2-Tetrachloroethane	-				-				-				-			
Tetrachloroethene	-				-				-				-			
Chlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
1,3-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
1,2-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
1,4-Dichlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Methyl tert-butyl ether	-				-				-				-			
Benzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Toluene	5.7		ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Ethylbenzene	7.8		ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Xylenes (total)	-				-				-				-			
o-Xylene	12.3		ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
m,p-Xylene	-				-				-				-			

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	97020095-1				96100019-3				96100019-4				96100019-5			
Site	2036				2036				2036				2036			
Locator	017GM104/2036 MW-1				017GM302/2036MW3				017GM402/2036MW4				017GM502/2036MW5			
Collect Date:	13-FEB-97				01-OCT-96				01-OCT-96				01-OCT-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LEAD																
Lead	4		ug/l	3	3	U	ug/l	3	3	U	ug/l	3	3	U	ug/l	3
PNA COMPDS																
Naphthalene	14		ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
2-Methylnaphthalene	-				-				-				-			
1-Methylnaphthalene	11		ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Acenaphthylene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Acenaphthene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Fluorene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Phenanthrene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Anthracene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Fluoranthene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Pyrene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Benzo (a) anthracene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Chrysene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Benzo (b) fluoranthene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Benzo (k) fluoranthene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Benzo (a) pyrene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Indeno (1,2,3-cd) pyrene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Dibenzo (a,h) anthracene	-				-				-				-			
Benzo (g,h,i) perylene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	-				1	U	mg/l	1	1	U	mg/l	1	1	U	mg/l	1

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-7
Site	2036
Locator	TRIP
Collect Date:	01-OCT-96

	VALUE	QUAL	UNITS	DL
EDB				
Ethylene dibromide	-			
EPA 601/602				
Chloromethane	1	U	ug/l	1
Bromomethane	1	U	ug/l	1
Dichlorodifluoromethane	1	U	ug/l	1
Vinyl chloride	1	U	ug/l	1
Chloroethane	1	U	ug/l	1
Methylene chloride	1	U	ug/l	1
Trichlorofluoromethane	1	U	ug/l	1
1,1-Dichloroethene	1	U	ug/l	1
1,1-Dichloroethane	1	U	ug/l	1
trans-1,2-Dichloroethene	1	U	ug/l	1
Chloroform	1	U	ug/l	1
1,2-Dichloroethane	1	U	ug/l	1
1,1,1-Trichloroethane	1	U	ug/l	1
Carbon tetrachloride	1	U	ug/l	1
Bromodichloromethane	1	U	ug/l	1
1,2-Dichloropropane	1	U	ug/l	1
cis-1,3-Dichloropropene	1	U	ug/l	1
Trichloroethene	1	U	ug/l	1
Dibromochloromethane	1	U	ug/l	1
1,1,2-Trichloroethane	1	U	ug/l	1
trans-1,3-Dichloropropene	1	U	ug/l	1
Bromoform	1	U	ug/l	1
1,1,2,2-Tetrachloroethane	1	U	ug/l	1
Tetrachloroethene	1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1
1,3-Dichlorobenzene	1	U	ug/l	1
1,2-Dichlorobenzene	1	U	ug/l	1
1,4-Dichlorobenzene	1	U	ug/l	1
Methyl tert-butyl ether	-			
Benzene	1	U	ug/l	1
Toluene	1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1
Ethylbenzene	1	U	ug/l	1
Xylenes (total)	-			
o-Xylene	1	U	ug/l	1
m,p-Xylene	-			

BUILDING NUMBER 2036
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-7		
Site	2036		
Locator	TRIP		
Collect Date:	01-OCT-96		
VALUE	QUAL UNITS	DL	
LEAD			
Lead	-		
PNA COMPDS			
Naphthalene	-		
2-Methylnaphthalene	-		
1-Methylnaphthalene	-		
Acenaphthylene	-		
Acenaphthene	-		
Fluorene	-		
Phenanthrene	-		
Anthracene	-		
Fluoranthene	-		
Pyrene	-		
Benzo (a) anthracene	-		
Chrysene	-		
Benzo (b) fluoranthene	-		
Benzo (k) fluoranthene	-		
Benzo (a) pyrene	-		
Indeno (1,2,3-cd) pyrene	-		
Dibenzo (a,h) anthracene	-		
Benzo (g,h,i) perylene	-		
TOTAL PETROLEUM HYDROCARBON			
Total petroleum hydrocarbon	-		

BUILDING NUMBER 2036 ---------HITS TABLE ----------
NTC ORLANDO FLORIDA

Lab Sample Number:	G8765006				G8765001				G8765002				G8765002DL			
Site	2036				2036				2036				2036			
Locator	017GD101				017GM101				017GM201				017GM201DL			
Collect Date:	15-NOV-95				15-NOV-95				15-NOV-95				15-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EPA 601/602																
Dichlorodifluoromethane	-	U	ug/l	1	-	U	ug/l	20	100	E	ug/l		100		ug/l	
Toluene	-	U	ug/l	1	65		ug/l		-	U	ug/l	1	-	U	ug/l	5
Ethylbenzene	-	U	ug/l	1	50		ug/l		-	U	ug/l	1	-	U	ug/l	5
Xylenes (total)	-	U	ug/l	1	350		ug/l		-	U	ug/l	1	-	U	ug/l	5
o-Xylene	-				-				-				-			
m,p-Xylene	-				-				-				-			
LEAD																
Lead	-	U	ug/l	2	1520		ug/l		8.6		ug/l		-			
PNA COMPDS																
Naphthalene	-	U	ug/l	2	220		ug/l		-	U	ug/l	2	-			
2-Methylnaphthalene	-	U	ug/l	2	390		ug/l		-	U	ug/l	2	-			
1-Methylnaphthalene	-	U	ug/l	2	400		ug/l		-	U	ug/l	2	-			
Acenaphthylene	-	U	ug/l	2	-	U	ug/l	80	-	U	ug/l	2	-			
Acenaphthene	-	U	ug/l	2	-	U	ug/l	80	-	U	ug/l	2	-			
Fluorene	-	U	ug/l	2	230		ug/l		-	U	ug/l	2	-			
Phenanthrene	-	U	ug/l	2	95		ug/l		-	U	ug/l	2	-			
Anthracene	-	U	ug/l	2	-	U	ug/l	80	-	U	ug/l	2	-			
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	-	U	mg/l	1	17.4		mg/l		-	U	mg/l	1	-			

BUILDING NUMBER 2036 ---------HITS TABLE ----------
NTC ORLANDO FLORIDA

Lab Sample Number:	G8765003				G8765004				G8765005				G8538005			
Site	2036				2036				2036				2036			
Locator	017GM301				017GM401				017GM501				017GT101			
Collect Date:	15-NOV-95				15-NOV-95				15-NOV-95				09-OCT-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EPA 601/602																
Dichlorodifluoromethane	7.2		ug/l		-	U	ug/l	1	-	U	ug/l	1	-			
Toluene	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1	4.5		ug/l	2
Ethylbenzene	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1	10		ug/l	2
Xylenes (total)	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1	-			
o-Xylene	-				-				-				33		ug/l	2
m,p-Xylene	-				-				-				26		ug/l	4
LEAD																
Lead	13.5		ug/l		17.7		ug/l		9.8		ug/l		-			
PNA COMPDS																
Naphthalene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	20
2-Methylnaphthalene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	300		ug/l	20
1-Methylnaphthalene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	190		ug/l	20
Acenaphthylene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	120		ug/l	20
Acenaphthene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	59		ug/l	20
Fluorene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	220		ug/l	20
Phenanthrene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	94		ug/l	20
Anthracene	-	U	ug/l	2	-	U	ug/l	2	-	U	ug/l	2	53		ug/l	20
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	-	U	mg/l	1	-	U	mg/l	1	-	U	mg/l	1	-			

BUILDING NUMBER 2036 ---------HITS TABLE ----------
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-6				96100019-1				96120204-1				97020095-1			
Site	2036				2036				2036				2036			
Locator	017GD102/2036DW1				017GM102/2036MW1				017GM103/MW-1				017GM104/2036 MW-1			
Collect Date:	01-OCT-96				01-OCT-96				27-DEC-96				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EPA 601/602																
Dichlorodifluoromethane	-				-				-				-			
Toluene	-	U	ug/l	1	13.5		ug/l	1	110		ug/l	1	5.7		ug/l	1
Ethylbenzene	-	U	ug/l	1	10.1		ug/l	1	87.4		ug/l	1	7.8		ug/l	1
Xylenes (total)	-				-				-				-			
o-Xylene	-	U	ug/l	1	21		ug/l	1	182		ug/l	1	12.3		ug/l	1
m,p-Xylene	-				-				-				-			
LEAD																
Lead	-	U	ug/l	3	48		ug/l	3	-				4		ug/l	3
PNA COMPDS																
Naphthalene	-	U	ug/l	5	13		ug/l	5	-				14		ug/l	5
2-Methylnaphthalene	-				-				-				-			
1-Methylnaphthalene	-	U	ug/l	5	19		ug/l	5	-				11		ug/l	5
Acenaphthylene	-	U	ug/l	5	-	U	ug/l	5	-				-	U	ug/l	5
Acenaphthene	-	U	ug/l	5	-	U	ug/l	5	-				-	U	ug/l	5
Fluorene	-	U	ug/l	5	-	U	ug/l	5	-				-	U	ug/l	5
Phenanthrene	-	U	ug/l	5	-	U	ug/l	5	-				-	U	ug/l	5
Anthracene	-	U	ug/l	5	-	U	ug/l	5	-				-	U	ug/l	5
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	-	U	mg/l	1	2.5		mg/l	1	-				-			

BUILDING NUMBER 2036 ---------HITS TABLE ----------
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-2				96100019-3				96100019-4				96100019-5			
Site	2036				2036				2036				2036			
Locator	017GM202/2036MW2				017GM302/2036MW3				017GM402/2036MW4				017GM502/2036MW5			
Collect Date:	01-OCT-96				01-OCT-96				01-OCT-96				01-OCT-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
EPA 601/602																
Dichlorodifluoromethane	-				-				-				-			
Toluene	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1
Ethylbenzene	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1
Xylenes (total)	-				-				-				-			
o-Xylene	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1	-	U	ug/l	1
m,p-Xylene	-				-				-				-			
LEAD																
Lead	-	U	ug/l	3	-	U	ug/l	3	-	U	ug/l	3	-	U	ug/l	3
PNA COMPDS																
Naphthalene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
2-Methylnaphthalene	-				-				-				-			
1-Methylnaphthalene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
Acenaphthylene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
Acenaphthene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
Fluorene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
Phenanthrene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
Anthracene	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5	-	U	ug/l	5
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	-	U	mg/l	1	-	U	mg/l	1	-	U	mg/l	1	-	U	mg/l	1

BUILDING NUMBER 2036 ---------HITS TABLE ----------
NTC ORLANDO FLORIDA

Lab Sample Number:	96100019-7
Site	2036
Locator	TRIP
Collect Date:	01-OCT-96

	VALUE	QUAL	UNITS	DL
EPA 601/602				
Dichlorodifluoromethane	-	U	ug/l	1
Toluene	-	U	ug/l	1
Ethylbenzene	-	U	ug/l	1
Xylenes (total)	-			
o-Xylene	-	U	ug/l	1
m,p-Xylene	-			
LEAD				
Lead	-			
PNA COMPDS				
Naphthalene	-			
2-Methylnaphthalene	-			
1-Methylnaphthalene	-			
Acenaphthylene	-			
Acenaphthene	-			
Fluorene	-			
Phenanthrene	-			
Anthracene	-			
TOTAL PETROLEUM HYDROCARBON				
Total petroleum hydrocarbon	-			

№ 6202

PC&B Laboratories, Inc.

210 Park Road, Oviedo, Fl 32765
407-359-7194 (FAX) 407-359-7197

Chain of Custody

Work Order: 9702095

Date: 2-13-97 Page 1 of 1

COMPANY: ABB-ES
ADDRESS: 1080 Woodcock Rd Suite 100, Orlando, FL 32803
SAMPLED BY: Scott Drielick
SIGN: [signature] PHONE NO: 895-8845

#	SAMPLE ID.	DATE/TIME	MATRIX	EPA 602	EPA 610	EPA 239.2 (Pb)												NUMBER OF CONTAINERS
1	0176M104/2036 MW-1	2-13-97/1326	H_2O	2	1	1												4
2	0076M104/7211 MW-1	2-13-97/1002	H_2O	2	1													3
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	2/13/97 1430	1: [signature]	2/13/97 1430
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

PROJECT INFORMATION

PROJECT NAME: NTC Orlando
PROJECT #: 8545-58
SITE ADDRESS: NTC Orlando
PROJECT MANAGER: John Kaiser
INVOICE TO: (IF DIFFERENT FROM ABOVE) ATTN: LORENA KANOT

SAMPLE RECEIPT

Total No. of Containers
Chain of Custody Seals
Rec'd Good Condition/Cold
PO#:
SHIPPED VIA: PU

№ 5433

PC&B Laboratories, Inc.

210 Park Road, Oviedo, Fl 32765
407-359-7194 (FAX) 407-359-7197

Chain of Custody

Work Order: 9612204

Date: 12-27-96 Page 1 of 1

COMPANY ABB-ES
ADDRESS 1080 WOODLOCK ROAD SUITE 100 ORLANDO, FL 32803
SAMPLED BY Scott Donelick
SIGN Scott Donelick PHONE NO: 895-8845

#	SAMPLE ID.	DATE/TIME	MATRIX	EPA 602	EPA 610	NUMBER OF CONTAINERS
1	007GM103/7211 MW-1	12-27-96/0920	H_2O	2	1	3
2	013MC101/21E MC-1	12-27-96/1034	"	2		2
3	017GM103/2036 MW-1	12-27-96/1012		2		2
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						

NOTE: TEMP BLANK BROKEN BY SAMPLER

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	12/26/96	1: Scott Donelick	12-27-96
2: Scott Donelick	1600 12/27/96	2: [signature]	1625 12/27/96
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

PROJECT INFORMATION	SAMPLE RECEIPT
PROJECT NAME: NTC ORLANDO	Total No. of Containers
PROJECT #: 8545-51	Chain of Custody Seals
SITE ADDRESS: NTC ORLANDO	Rec'd Good Condition/Cold
	PO#:
PROJECT MANAGER: J. KAISER	SHIPPED VIA
INVOICE TO: (IF DIFFERENT FROM ABOVE) ATTN: LORENA KANDT	

№ 2407

9610019

PC&B Laboratories, Inc.

210 Park Road, Oviedo, Fl 32765
407-359-7194 (FAX) 407-359-7197

Chain of Custody

Work Order:

Date: 10/2/96 Page 1 of 1

COMPANY ABB-ES

ADDRESS ORLANDO, FL

SAMPLED BY SCOTT DONELICK

SIGN [signature] PHONE NO: 895-8845

ANALYSIS REQUEST

#	SAMPLE ID.	DATE/TIME	MATRIX	EPA 601	EPA 602	EPA 610	EPA 239.2 (Pb)	EPA 504 (EDB)	EPA 418.1 (TRPH)	NUMBER OF CONTAINERS
1	006RB101/RB-1	10-1-96 /0804	H_2O	2	2	1	1	2	1	9
2	006GM401/2278MW4	/0950		2	2	1	1	2	1	9
3	006GM501/2273MW5	/1021		2	2	1	1	2	1	9
4	006GD101/2273DW1	/1140		2	2	1	1	2	1	9
5	017GM102/2036MW1	/1238			2	1	1		1	5
6	017GM202/2036MW2	/1531			2	1	1		1	5
7	017GM302/2036MW3	/1500			2	1	1		1	5
8	017GM402/2036MW4	/1440			2	1	1		1	5
9	017GM502/2036MW5	/1415			2	1	1		1	5
10	017GD102/2036DW1	/1336			2	1	1		1	5
11	TRIP			1	1					1
12										
13										

610017

1 2 3 4 5 6 7

1610019

ONE VOA FOR BOTH

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	10/2/96 0930	1: [signature]	1400 10/2/96
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

PROJECT INFORMATION

PROJECT NAME: NTC ORLANDO

PROJECT #: 8519-51

SITE ADDRESS: NTC ORLANDO

PROJECT MANAGER: JOHN KAISER

INVOICE TO: (IF DIFFERENT FROM ABOVE)

Attn: Lorena Kandt

SAMPLE RECEIPT

Total No. of Containers	
Chain of Custody Seals	
Rec'd Good Condition/Cold	
PO#:	
SHIPPED VIA:	

ABORATORIES, INC.

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # 8519.54

Purchase Order #

Project Name: NTC Orlando - TMP Phase

Company Name: ABB Environmental Services, Inc.

Project Manager or Contact & Phone #: John Kaiser 407-895-8885

Report Copy to: Scott Donelick

Requested Completion Date: 10-18-95

Site ID: NTC ORLANDO

Sample Disposal: Dispose ☒ Return ☐

☒ LGN — One Innovation Drive, Suite C, Alachua, FL 32615-9586, (904) 462-3050 FAX (904) 462-1670

☐ LRD — 5090 Caterpillar Road, Redding, CA 96003-1412, (916) 244-5227 FAX (916) 244-4109

☐ LMG — 2567 Fairlane Drive, Montgomery, AL 36116-1622, (205) 271-2440 FAX (205) 271-3428

☐ LKW — Canviro Analytical Laboratories, Inc., 50 Bathurst, Unit 12, Waterloo, Ontario, Canada N2V 2C5, (519) 747-2575 FAX (519) 747-3806

THIS AREA FOR LAB USE ONLY

Lab # G8538 | Page 1 of 1

Client Service: Beth 10/10/95

Price Source: (A) P Q S

Acct Code: ABB

Test Group:

Project Code: Orlando LAT 527

Ack. Gen.: ✓

LIMS Ver:

Login:

Mult.:

COC Review:

ANALYSES REQUESTED

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	QC ID (3 CHAR)	# OF CONTAINERS	EPA 602 MTBE	EPA 602	SAMPLE REMARKS	LAB 1 ID	LAB 2 ID
10-9-95	0915		X	X		008GM101		4	3	1		1	
↓	1027		X	X		009GT101		4	3	1		2	
	1015		X	X		010GT101		4	3	1		3	
	1100		X	X		018GT101		3	3			4	
→	1250		X	X		017GT101		4	3	1	2036 TW-1	5	
↓	1320		X	X		012GT101		4	3	1		6	

Sampled By & Title (Please sign and print name): Scott Donelick (FOL) SCOTT DONELICK — Date/Time: 10-9-95/1700

Relinquished By (Please sign and print name): Scott Donelick (SCOTT DONELICK) — Date/Time: 1700 10-9-95

Received By (Please sign and print name): B. North B. NORTH — Date/Time: 10-10-95 1015

Relinquished By (Please sign and print name): — Date/Time:

Received By (Please sign and print name): — Date/Time:

Relinquished By (Please sign and print name): — Date/Time:

Received By (Please sign and print name): — Date/Time:

Shipped Via: UPS Fed-Ex Other _____

Shipping #: 0301781001

HAZWRAP/NESSA: Y N

EDATA: Y N

QC LEVEL 1 2 3 OTHER _____

pH ↘ Ice Y

Custody Seal Y Temp 4°C

Batch Remarks:

Instructions and Agreement Provisions on Reverse Side

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client

LAB FORM 340

00002

QAL

QUALITY ANALYTICAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project #: 8519.54

Purchase Order #:

Project Name: NTC Orlando - TMP (2036)

Company Name: ABB-Environmental Services

Project Manager or Contact & Phone #: John Kaiser 407-895-8845

Report Copy to: Manuel Alonzo

Requested Completion Date: 11-29-95

Site ID: 2036

Sample Disposal: Dispose ☒ Return ☐

☒ LGN — One Innovation Drive, Suite C, Alachua, FL 32615-9586, (904) 462-3050 FAX (904) 462-1670

☐ LRD — 5090 Caterpillar Road, Redding, CA 96003-1412, (916) 244-5227 FAX (916) 244-4109

☐ LMG — 2567 Fairlane Drive, Montgomery, AL 36116-1622, (205) 271-2440 FAX (205) 271-3428

☐ LKW — Canviro Analytical Laboratories, Inc., 50 Bathurst, Unit 12, Waterloo, Ontario, Canada N2V 2C5, (519) 747-2575 FAX (519) 747-3806

THIS AREA FOR LAB USE ONLY

Lab # G8765	Page 1	of 1
Client Service: Betti 11/16/95	Price Source: A P Q S	
Acct Code: ABB	Test Group:	
Project Code: Orlando LST	Ack. Gen.: ✓	
LIMS Ver:	Login: 11/16/95	Mult.
COC Review:		

ANALYSES REQUESTED

Sampling Date	Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	QC ID (3 CHAR)	# OF CONTAINERS	EPA 601/602+MTBE	EPA 610/PAH	EPA 239.2/LEAD	EPA 504/EDB	EPA 418.1/TRPH	SAMPLE REMARKS	LAB 1 ID	LAB 2 ID
11-15-95	1117		X	X		017GM101		8	3	1	1	2	1	2036 MW-1	1	
	1142		X	X		017GM201		8	3	1	1	2	1	2036 MW-2	2	
	1055		X	X		017GM301		8	3	1	1	2	1	2036 MW-3	3	
	1010		X	X		017GM401		8	3	1	1	2	1	2036 MW-4	4	
	0957		X	X		017GM501		8	3	1	1	2	1	2036 MW-5	5	
✓	1035		X	X		017GD101		9	3	2	1	2	1	2036 DW-1	6	

Sampled By & Title (Please sign and print name): Scott Donelick (FOL) Scott Donelick — Date/Time 1100 11-15-95

Relinquished By (Please sign and print name): Scott Donelick (FOL) Scott Donelick — Date/Time 1700 11-15-95

Received By (Please sign and print name): Paul Gonzalez — Date/Time 11/16/95 1032

Relinquished By (Please sign and print name): — Date/Time

Received By (Please sign and print name): — Date/Time

Relinquished By (Please sign and print name): — Date/Time

Received By (Please sign and print name): — Date/Time

Shipped Via: UPS Fed-Ex Other ____ — Shipping # 5543720674

HAZWRAP/NESSA: Y N

EDATA: Y N

QC LEVEL 1 2 3 OTHER ____

pH ✓ Ice ✓

Custody Seal ✓ Temp 3°C

Batch Remarks:

000041

Instructions and Agreement Provisions on Reverse Side

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client

LAB FORM 340