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NTC ORLANDO
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LETTER TRANSMITTING CONTAMINATION ASSESSMENT REPORT FOR MAIN BASE BUILDING 200 NTC ORLANDO FL
1/8/1999
HARDING LAWSON ASSOCIATES

Harding Lawson Associates

January 8, 1999

Doc. No: 02530.099

Mr. David Grabka
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 200
Monitoring Only Proposal
Contract No. N62467-89-D-0317/107

Dear Mr. Grabka:

A contamination assessment report (CAR) was completed for Building 200, Main Base, Naval Training Center (NTC), Orlando, Florida on June 12, 1997. The CAR recommended that a remedial action plan (RAP) be prepared for the site to address the presence of petroleum-impacted groundwater associated with a former oil-water separator.

As proposed in the Orlando Partnering Team (OPT) meeting of November 20, 1997, Harding Lawson Associates (HLA) installed a micro well (MC-1) between monitoring well MW-6 and the former 1,000-gallon underground storage tank (UST). Laboratory analytical results for the micro well (MC-1) show that all the parameters tested were below laboratory standard detection limits.

Two additional sampling events, one on March 20, 1998, and one on June 22, 1998, were conducted. Laboratory analytical results for MW-2, MW-3, MW-6, and MW-8 showed contaminant concentrations that did not meet the State of Florida's No Further Action (NFA) criteria. On August 24, 1998, the Florida Department of Environmental Protection (FDEP) did not approve the NFA request for the site because MW-6 and MW-8 exceeded the groundwater cleanup target levels (GCTLs) for total recoverable petroleum hydrocarbons (TRPH). In addition, dibenz(a,h)anthracene has been reported above the State of Florida's GCTLs in previous sampling events. FDEP directed HLA to conduct an additional sampling event and submit a CAR addendum with recommendations for either an NFA or monitoring only proposal (MOP) for natural attenuation. Attachment A contains the August 24, 1998, letter from FDEP.

On October 16, 1998, HLA measured water levels and collected groundwater samples from MW-2, MW-3, MW-6, and MW-8. Attachment B contains Figure 1, the site plan showing MW locations, and

Engineering and
Environmental Services

1080 Woodcock Road, Suite 100, Orlando, FL 32803 407-895-8845 Fax: 407/896-6150

Figure 2 is the water table elevation contour map showing groundwater flow direction for the October 16, 1998, sampling event. The groundwater flow direction for the October 16, 1998, sampling event is the same as previously reported. Groundwater sampling logs are included in Attachment C.

Laboratory analytical results for the October 16, 1998, sampling event show well MW-8 with naphthalene above the Florida's GCTL of 20 micrograms per liter ($\mu g/\ell$), with a reported value of 30 $\mu g/\ell$. Results of the MWs sampled showed several parameters above laboratory standard detection limits, but below State of Florida's GCTLs. Table 1 in Attachment D summarizes all the laboratory analytical results for Building 200. Laboratory analytical reports are included in Attachment E.

Based on the data collected from the site during the preparation of the CAR and CAR addendum, HLA recommends that this site be considered for an MOP for the period of 1 year. Monitoring at Building 200 should consist of collecting quarterly groundwater samples from MW-2, MW-3, MW-6 and MW-8. The groundwater samples will be analyzed using U.S. Environmental Protection Agency Methods 602 and 610, and TRPH will be analyzed using the Florida-Petroleum Residual Organics. 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.

Very Truly Yours,

HARDING LAWSON ASSOCIATES

Scott Donelick
Geologist

1/8/99
Manuel Alonso, P.G.
Senior Geologist
P.G. No. 0001256

NTC-B200.LTR
SAS.01.99

cc: Wayne Hansel, Southern Division
Nick Ugolini, Southern Division
Lt. Gary Whipple, NTC, Orlando
Mark Zill, NTC, Orlando
Nancy Rodriguez, USEPA
John Kaiser, HLA

ATTACHMENT A

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
LETTER OF AUGUST 24, 1998

DocIN: 802.0253C

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

August 24, 1998

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: June 1998 Sampling Results, Building 200, Main Base, Naval Training Center, Orlando, Florida
FDEP #488840202

Dear Mr. Ugolini:

I have completed the technical review of the above letter report dated August 10, 1998 (received August 12, 1998) submitted for Building 200. I cannot agree with a no further action proposal for this site until two consecutive quarterly samples show levels below the Groundwater Cleanup Target Levels (GCTLs). All monitoring wells currently meet the GCTLs, but monitoring wells MW-8 and MW-6 exceeded the GCTL for TRPH and dibenz(a,h)anthracene, respectively, in the previous sampling event. After the next round of sampling, a Site Assessment Report (SAR) addendum should be submitted recommending either no further action or natural attenuation with monitoring.

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
Richard Allen, ABB Jacksonville
Bob Cohose, Bechtel
Nancy Rodriguez, USEPA Region IV
Gary Whipple, NTC Orlando
Steve McCoy, Brown and Root, Oak Ridge
Bill Bostwick, FDEP Central District

TJB JJC ESN

ATTACHMENT B

FIGURES

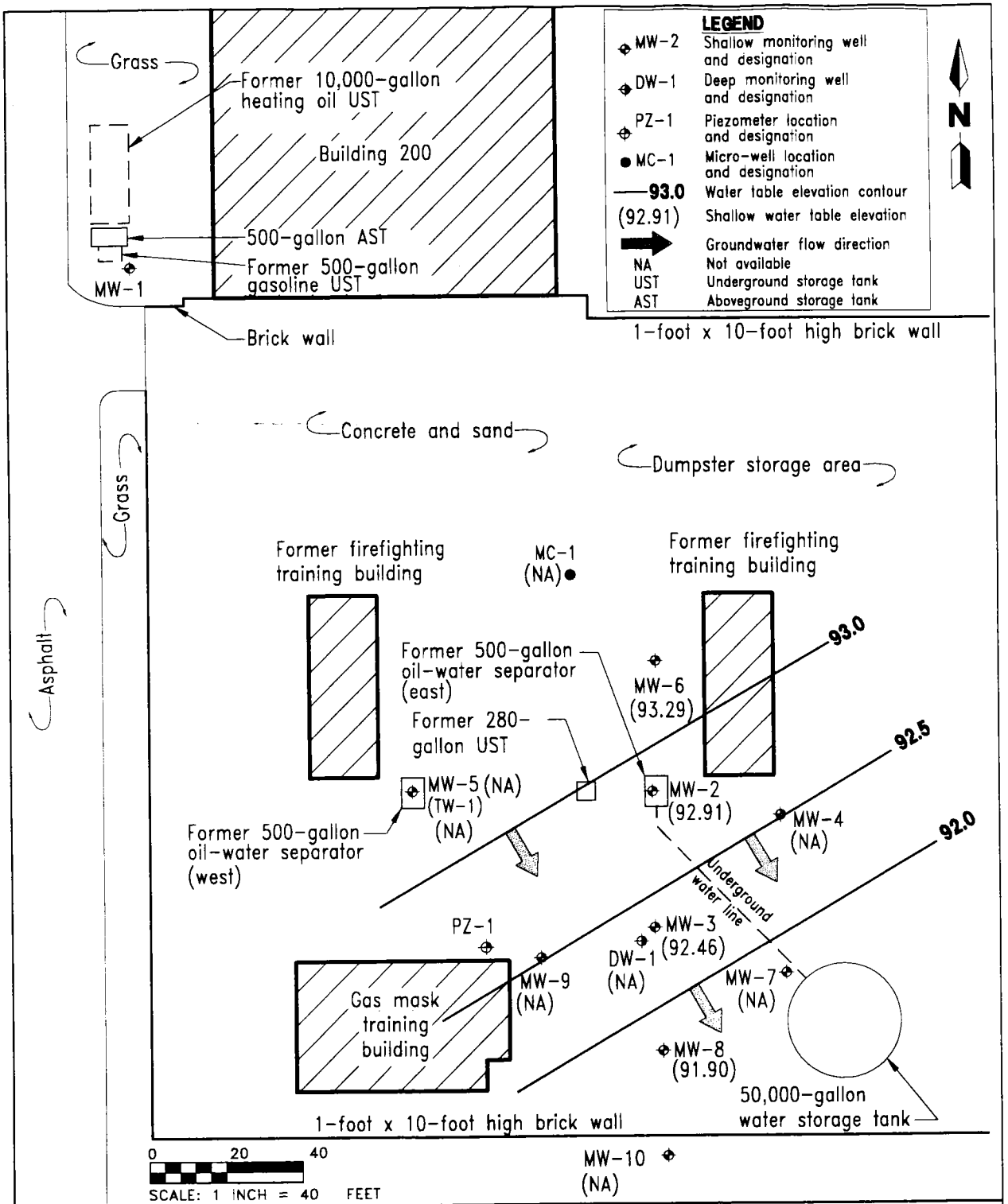

FIGURE 2
WATER TABLE ELEVATION CONTOUR MAP
OCTOBER 16, 1998

K:\02530\02530-15\RPT\02530838.DWG, BB-BB 12/10/98 14:55:27, AutoCAD R14

MONITORING ONLY PROPOSAL
BUILDING 200, MAIN BASE

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

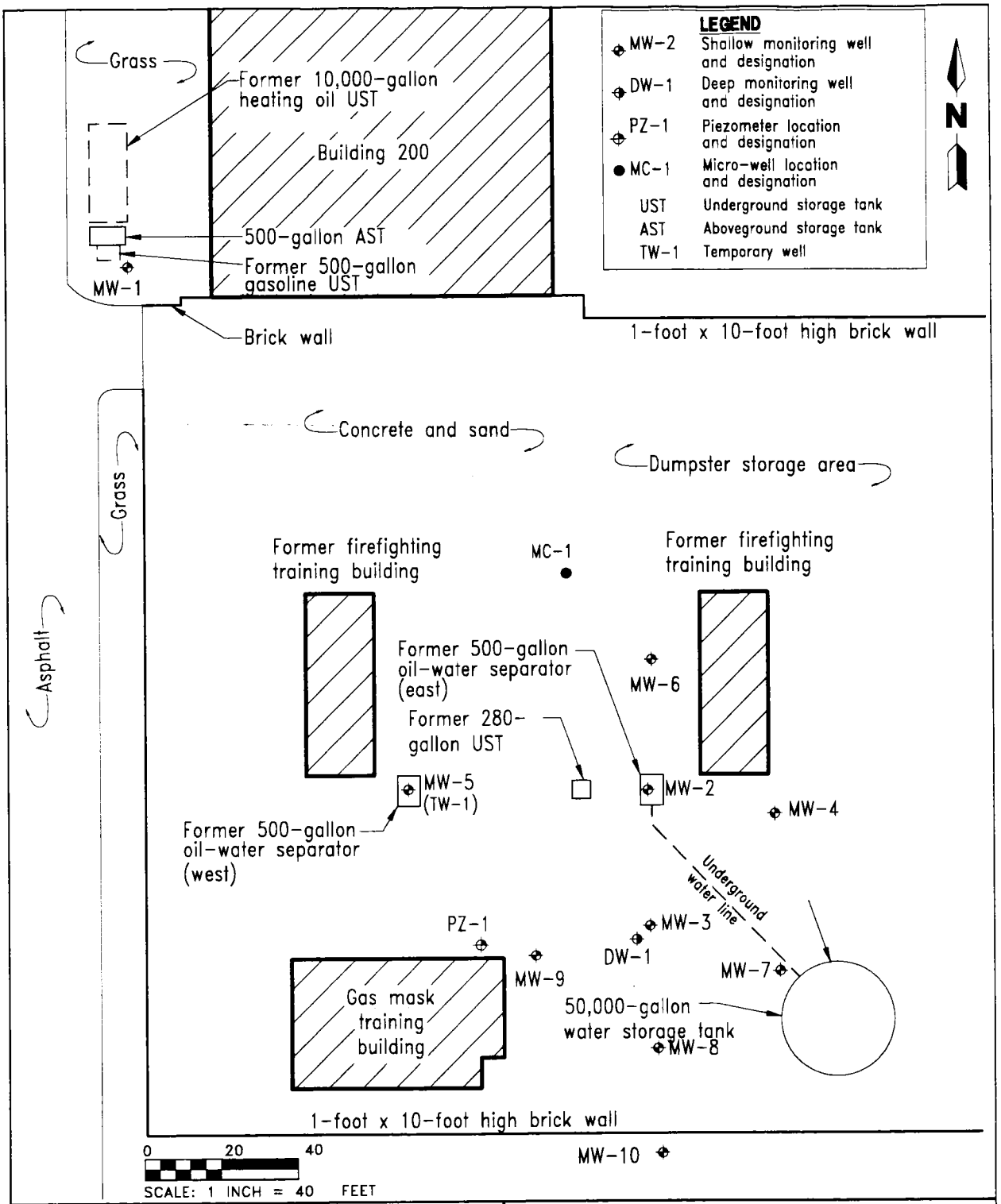

FIGURE 1
MONITORING WELL LOCATION PLAN

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MONITORING ONLY PROPOSAL
BUILDING 200, MAIN BASE

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

ATTACHMENT C

GROUNDWATER SAMPLING LOGS

DEP Form # 62-770.900(3)
Form Title: Petroleum or Petroleum Products Water Sampling Log
Effective Date: September 23, 1997

Petroleum or Petroleum Products
Water Sampling Log

FDEP FACILITY NO.:	WELL NO.: MW-2	SAMPLE ID: 200 MW-2	DATE: 10/16/98
SITE NAME: NTC ORLANDO	SITE LOCATION: BUILDING 200		

PURGE DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 12.40	DEPTH TO WATER (ft): 5.94	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) x WELL CAPACITY =

= (12.40 - 5.94) x 0.16 = 1.03

PURGE METHOD: Peristaltic	PURGING INITIATED AT: 1000	PURGING ENDED AT: 1040
	PURGE RATE (gpm):	TOTAL VOLUME PURGED (gal): 4

WELL VOLS. PURGED	CUMUL. VOLUME PURGED (gal)	pH	TEMP. (°C)	COND. (µmhos)	COLOR	ODOR	APPEARANCE	OTHER TURBIDITY
0	0	5.62	27.5	220	NA	NA	Clear	49.3
1	1	5.52	27.6	205				14.68
2	2	5.63	27.4	190				6.82
4	4	5.58	27.6	180				6.30

SAMPLING DATA

SAMPLED BY / AFFILIATION: HLA	SAMPLER(S) SIGNATURE(S): Pat Craine	
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1040	SAMPLING ENDED AT: 1044
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATIONS			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (ml)	FINAL pH	
3	CG	40ml	HCl			EPA 601/602
2	AG	1 liter	HCl			FL-PRO
3	CG	40 ml	HCl			EPA 504
1	HDP	250 ml	HNO_3			EPA 239.2
2	AG	1 liter	–			EPA 8310

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDP = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

WELL CAPACITY: 1.25" = 0.06 gal/ft; 2" = 0.16 gal/ft; 4" = 0.65 gal/ft; 6" = 1.47 gal/ft; 8" = 2.61 gal/ft; 12" = 5.88 gal/ft

NOTE: this does not constitute all the information required by Chapter 62-160, F.A.C.

DEP Form # 62-770.900(3)
Form Title: Petroleum or Petroleum Products Water Sampling Log
Effective Date: September 23, 1997

Petroleum or Petroleum Products Water Sampling Log

FDEP FACILITY NO.:	WELL NO.: MW-3	SAMPLE ID: 200 MW-3	DATE: 10/16/98
SITE NAME: NTC ORLANDO	SITE LOCATION: BUILDING 200		

PURGE DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 14.40	DEPTH TO WATER (ft): 6.75	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) x WELL CAPACITY =

= (14.40 – 6.75) x 0.16 = 1.22

PURGE METHOD: Peristaltic	PURGING INITIATED AT: 1123	PURGING ENDED AT: 1235
	PURGE RATE (gpm):	TOTAL VOLUME PURGED (gal): 5

WELL VOLS. PURGED	CUMUL. VOLUME PURGED (gal)	pH	TEMP. (°C)	COND. (µmhos)	COLOR	ODOR	APPEARANCE	OTHER TURBIDITY
0	0	5.87	28.4	90			Clear	>200
1.5	2	5.62	28.1	300				159
2.5	4	5.60	28.1	310				71
3.5	5	5.65	28.0	320				64

SAMPLING DATA

SAMPLED BY / AFFILIATION: HLA	SAMPLER(S) SIGNATURE(S): Pat Craine	
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1235	SAMPLING ENDED AT: 1240
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATIONS			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (ml)	FINAL pH	
3	CG	40ml	HCl			EPA 601/602
3	CG	40 ml	HCl			EPA 504
2	AG	1 liter	HCl			FL-PRO
2	AG	1 liter				EPA 8310
1	HDP	250ml	HNO_3			EPA 239.2

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDP = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

WELL CAPACITY: 1.25" = 0.06 gal/ft; 2" = 0.16 gal/ft; 4" = 0.65 gal/ft; 6" = 1.47 gal/ft; 8" = 2.61 gal/ft; 12" = 5.88 gal/ft

NOTE: this does not constitute all the information required by Chapter 62-160, F.A.C.

DEP Form # 62-770.900(3)
Form Title: Petroleum or Petroleum Products Water Sampling Log
Effective Date: September 23, 1997

Petroleum or Petroleum Products Water Sampling Log

FDEP FACILITY NO.:	WELL NO.: MW-6	SAMPLE ID: 200 MW-6	DATE: 10 / 16 / 98
SITE NAME: NTC ORLANDO	SITE LOCATION: BUILDING 200		

PURGE DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 13.80	DEPTH TO WATER (ft): 5.91	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) x WELL CAPACITY =

= (13.80 - 5.91) x 0.16 = 1.26

PURGE METHOD: Peristaltic	PURGING INITIATED AT: 1138	PURGING ENDED AT: 1210
	PURGE RATE (gpm):	TOTAL VOLUME PURGED (gal): 4

WELL VOLS. PURGED	CUMUL. VOLUME PURGED (gal)	pH	TEMP. (°C)	COND. (µmhos)	COLOR	ODOR	APPEARANCE	OTHER TURBIDITY
0	0	5.56	28.1	200			Clear	>200
1.6	2	5.86	28.4	231				14.1
2.2	3	6.06	28.4	270				10.75
2.8	3.5	6.16	28.3	220				10.41
3.2	4	6.23	28.0	215				9.92

SAMPLING DATA

SAMPLED BY / AFFILIATION: HLA	SAMPLER(S) SIGNATURE(S): Pat Craine	
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1213

FIELD DECONTAMINATION: Y (N) | FIELD-FILTERED: Y (N) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATIONS			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (ml)	FINAL pH	
3	CG	40 ml	HCl			EPA 601/602
3	CG	40 ml	HCl			EPA 504
2	AG	1 liter	HCl			FL-PRO
2	AG	1 liter				EPA 8310
1	HDP	250 ml	HNO_3			EPA 239.2

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDP = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

WELL CAPACITY: 1.25" = 0.06 gal/ft; 2" = 0.16 gal/ft; 4" = 0.65 gal/ft; 6" = 1.47 gal/ft; 8" = 2.61 gal/ft; 12" = 5.88 gal/ft

NOTE: this does not constitute all the information required by Chapter 62-160, F.A.C.

FLORIDA

DEP Form # 62-770.900(3)
Form Title: Petroleum or Petroleum Products Water Sampling Log
Effective Date: September 23, 1997

Petroleum or Petroleum Products Water Sampling Log

FDEP FACILITY NO.:	WELL NO.: MW-8	SAMPLE ID: 200 MW-8	DATE: 10 / 16 / 98
SITE NAME: NTC ORLANDO	SITE LOCATION: BUILDING 200		

PURGE DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 14.90	DEPTH TO WATER (ft): 7.70	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) x WELL CAPACITY =

= (14.90 - 7.70) x 0.16 = 1.15

PURGE METHOD: Peristaltic	PURGING INITIATED AT: 1300	PURGING ENDED AT: 1330
	PURGE RATE (gpm):	TOTAL VOLUME PURGED (gal): 5.5

WELL VOLS. PURGED	CUMUL. VOLUME PURGED (gal)	pH	TEMP. (°C)	COND. (µmhos)	COLOR	ODOR	APPEARANCE	OTHER TURBIDITY
0	0	6.30	28.5	400			Clear	13.55
1.4	2	6.23	28.0	350				12.90
4	4.5	6.09	28.3	330				11.6
5	5.5	6.05	28.3	330				10.0

SAMPLING DATA

SAMPLED BY / AFFILIATION: HLA	SAMPLER(S) SIGNATURE(S): Pat Craine	
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1330	SAMPLING ENDED AT: 1332

FIELD DECONTAMINATION: Y (N) | FIELD-FILTERED: Y (N) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATIONS			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (ml)	FINAL pH	
3	CG	40 ml	HCl			EPA 601/602
3	CG	40 ml	HCl			EPA 504
2	AG	1 liter	HCl			FL-PRO
2	AG	1 liter				EPA 8310
1	HDP	250 ml	HNO_3			EPA 239.2

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDP = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

WELL CAPACITY: 1.25" = 0.06 gal/ft; 2" = 0.16 gal/ft; 4" = 0.65 gal/ft; 6" = 1.47 gal/ft; 8" = 2.61 gal/ft; 12" = 5.88 gal/ft

NOTE: this does not constitute all the information required by Chapter 62-160, F.A.C.

ATTACHMENT D

TABLES

Table D-1
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770 FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date		
		TW-1 9/3/96	MW-1 7/18/96	MW-1 10/8/97
Benzene	1	<10	<1	<1
Ethylbenzene	30	<10	<1	<1
Toluene	40	<10	<1	<1
Xylenes	20	NA	<1	<2
MTBE	35	NA	<1	<10
TRPH (mg/ℓ)	5	1.73	0.6	0.43
EDB	0.02	NA	<0.02	<0.02
Total lead	15	<3	**19.8**	5.1
Acenaphthene	20	3 J	14	<10
Acenaphthylene	210	<10	<2	<10
Anthracene	2,100	<10	5	<10
Benzo(a)anthracene	0.2	<10	<2	<10
Benzo(a)pyrene	0.2	<10	<2	<10
Benzo(b)fluoranthene	0.2	<10	<2	<10
Benzo(g,h,i)perylene	210	<10	<2	<10
Benzo(k)fluoranthene	0.5	<10	<2	<10
Chrysene	5	<10	<2	<10
Dibenz(a,h)anthracene	0.2	<10	<2	<10
Fluoranthene	280	<10	3	<10
Fluorene	280	3 J	12	<10
Indeno(1,2,3-cd)pyrene	0.2	<10	<2	<10
Naphthalene	20	<10	3	<10
Phenanthrene	210	1 J	28	<10
Pyrene	210	<10	<2	<10
1,2-Dichloroethane	3	<10	<1	<1

See notes at end of table.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770 FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date					
		MW-2 7/17/96	MW-2 2/3/97	MW-2 10/9/97	MW-2 3/20/98	MW-2 6/22/98	MW-2 10/16/98
Benzene	1	<5	<1	<1	<1	<1	<1
Ethylbenzene	30	5	2.6	<1	<1	<1	<1
Toluene	40	<5	<1	<1	<1	<1	<1
Xylenes	20	NA	13.5	4.9	<2	3.8	<2
MTBE	35	NA	<5	<10	<10	<10	<10
TRPH (mg/ℓ)	5	105	1.4	3.3	1.9	1	1
EDB	0.02	NA	<0.02	<0.02	<0.02	<0.02	<0.02
Total lead	15	14.8	<3	9.9	<5	<5	<5
Acenaphthene	20	28 J	<10	<10	<2	3.3	1.4
Acenaphthylene	210	<200	<10	15	12	4.6	8.1
Anthracene	2,100	<200	<10	17	<0.4	2.1	<0.2
Benzo(a)anthracene	0.2	<200	<10	NA	<0.4	<0.2	<0.2
Benzo(a)pyrene	0.2	<200	<10	<10	<0.4	<0.2	<0.2
Benzo(b)fluoranthene	0.2	<200	<10	<10	<0.4	<0.2	<0.2
Benzo(g,h,i)perylene	210	<200	<10	<10	<1	<0.5	<0.5
Benzo(k)fluoranthene	0.5	<200	<10	NA	<0.4	<0.2	<0.2
Chrysene	5	<200	<10	NA	<0.4	<0.2	<0.2
Dibenz(a,h)anthracene	0.2	<200	<10	NA	<1	<0.5	<0.5
Fluoranthene	280	<200	<10	<10	<1	0.8	<0.5
Fluorene	280	53	<10	17	3.7	9.4	3.2
Indeno(1,2,3-cd)pyrene	0.2	<200	<10	<10	<1	<0.5	<0.5
Naphthalene	20	44	<10	<10	2.6	8.9	7.4
Phenanthrene	210	160	<10	17	3.7 P	15	1.5
Pyrene	210	20	<10	<10	<1	1.1	<0.5
1,2-Dichloroethane	3	<1	<1	<1	<1	<1	<1

See notes at end of table.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date				
		MW-3 2/3/97	MW-3 10/8/97	MW-3 3/20/98	MW-3 6/22/98	MW-3 10/16/98
Benzene	1	<1	<1	<1	<1	<1
Ethylbenzene	30	2.8	<1	1.2	1.8	<1
Toluene	40	<1	<1	<1	<1	<1
Xylenes	20	20.2	<2	9.1	10	7.4
MTBE	35	<5	<10	<10	<10	10
TRPH (mg/ℓ)	5	<1	2.1	2.1	0.98	3.3
EDB	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Total lead	15	<3	10.6	<5	<5	<5
Acenaphthene	20	<20	<10	<4	3.9	2.1
Acenaphthylene	210	<20	10	5.3	4.5	4.9
Anthracene	2,100	<20	<10	<0.8	1.3	<0.2
Benzo(a)anthracene	0.2	<20	<10	<0.8	<0.2	<0.2
Benzo(a)pyrene	0.2	<20	<10	<0.8	<0.2	<0.2
Benzo(b)fluoranthene	0.2	<20	<10	<0.8	<0.2	<0.2
Benzo(g,h,i)perylene	210	<20	<10	<2	<0.5	<0.5
Benzo(k)fluoranthene	0.5	<20	<10	<0.8	<0.2	<0.2
Chrysene	5	<20	<10	<0.8	<0.2	<0.2
Dibenz(a,h)anthracene	0.2	<20	<10	<2	<0.5	<0.5
Fluoranthene	280	<20	<10	<2	<0.5	<0.5
Fluorene	280	<20	<10	2.4	7.4	4.7
Indeno(1,2,3-cd)pyrene	0.2	<20	<10	<2	<0.5	<0.5
Naphthalene	20	**48**	**58**	8.7	16	6.7
Phenanthrene	210	<20	<10	3.1	11	3.4
Pyrene	210	<20	<10	<2	<0.5	<0.5
1,2-Dichloroethane	3	<1	<1	<1	<1	<1

See notes at end of table.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date			
		MW-4 2/3/97	MW-4 10/8/97	MW-5 2/3/97	MW-5 10/9/97
Benzene	1	<1	<1	<1	<1
Ethylbenzene	30	<1	<1	<1	<1
Toluene	40	<1	<1	<1	<1
Xylenes	20	<1	<2	7.9	<2
MTBE	35	<5	<10	<5	<10
TRPH (mg/ℓ)	5	<1	<0.3	1.2	2.6
EDB	0.02	<0.02	<0.02	<0.02	<0.02
Total lead	15	<3	6.5	7	6.4
Acenaphthene	20	<5	<10	<5	<10
Acenaphthylene	210	<5	<10	<5	11
Anthracene	2,100	<5	<10	<5	<10
Benzo(a)anthracene	0.2	<5	<10	<5	<10
Benzo(a)pyrene	0.2	<5	<10	<5	<10
Benzo(b)fluoranthene	0.2	<5	<10	<5	<10
Benzo(g,h,i)perylene	210	<5	<10	<5	<10
Benzo(k)fluoranthene	0.5	<5	<10	<5	<10
Chrysene	5	<5	<10	<5	<10
Dibenz(a,h)anthracene	0.2	<5	<10	<5	<10
Fluoranthene	280	<5	<10	<5	<10
Fluorene	280	<5	<10	<5	<10
Indeno(1,2,3-cd)pyrene	0.2	<5	<10	<5	<10
Naphthalene	20	<5	<10	<5	19
Phenanthrene	210	<5	<10	<5	<10
Pyrene	210	<5	<10	<5	<10
1,2-Dichloroethane	3	<1	<1	<1	<1

See notes at end of table.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date				
		MW-6 2/3/97	MW-6 10/9/97	MW-6 3/20/98	MW-6 6/22/98	MW-6 10/16/98
Benzene	1	<1	<1	<1	<1	<1
Ethylbenzene	30	<1	<1	<1	<1	<1
Toluene	40	<1	<1	<1	<1	<1
Xylenes	20	<1	<2	<2	<2	<2
MTBE	35	<5	<10	<10	<10	<10
TRPH (mg/ℓ)	5	<1	**11**	0.63	0.73	1.1
EDB	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Total lead	15	4	14.3	<5	<5	<5
Acenaphthene	20	<5	**20**	<4	3.0	1.2
Acenaphthylene	210	<5	64	4.8	5.6	2.5
Anthracene	2,100	<5	49	<0.8	0.48	<0.2
Benzo(a)anthracene	0.2	<5	<10	<0.8	<0.2	<0.2
Benzo(a)pyrene	0.2	<5	<10	<0.8	<0.2	<0.2
Benzo(b)fluoranthene	0.2	<5	<10	<0.8	<0.2	<0.2
Benzo(g,h,i)perylene	210	<5	<10	<2	<0.5	<0.5
Benzo(k)fluoranthene	0.5	<5	<10	<0.2	<0.2	<0.2
Chrysene	5	<5	<10	<0.8	<0.2	<0.2
Dibenz(a,h)anthracene	0.2	<5	<10	**2**	<0.5	<0.5
Fluoranthene	280	<5	<10	<2	<0.5	<0.5
Fluorene	280	<5	<10	3.6	7.9	2.4
Indeno(1,2,3-cd)pyrene	0.2	<5	<10	<2	<0.5	<0.5
Naphthalene	20	<5	<10	<4	<1	<1
Phenanthrene	210	6	49	4.8 P	7.6	3.2
Pyrene	210	<5	17	<2	0.84	<0.5
1,2-Dichloroethane	3	<1	<1	<1	<1	<1

See notes at end of table.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date						
		MW-7 3/13/97	MW-7 10/8/97	MW-8 3/13/97	MW-8 10/8/97	MW-8 3/19/98	MW-8 6/22/98	MW-8 10/16/98
Benzene	1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	30	<1	<1	<1	<1	<1	<1	<1
Toluene	40	<1	<1	<1	<1	<1	<1	<1
Xylenes	20	<1	<2	5	<2	<2	4	6.5
MTBE	35	<5	<10	<5	<10	<10	<10	<10
TRPH (mg/ℓ)	5	<1	<0.3	<1	3.4	**18**	1.1	**15**
EDB	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Total lead	15	<3	11.4	<3	<5	<5	<5	<5
Acenaphthene	20	<5	<10	<5	**41**	<4	2.8	<1
Acenaphthylene	210	<5	<10	<5	<10	<4	3.6	18
Anthracene	2,100	<5	<10	<5	23	<0.8	0.34	<0.2
Benzo(a)anthracene	0.2	<5	<10	<5	<10	<0.8	<0.2	<0.2
Benzo(a)pyrene	0.2	<5	<10	<5	<10	<0.8	<0.2	<0.2
Benzo(b)fluoranthene	0.2	<5	<10	<5	<10	<0.8	<0.2	<0.2
Benzo(g,h,i)perylene	210	<5	<10	<5	<10	<2	<0.5	<0.5
Benzo(k)fluoranthene	0.5	<5	<10	<5	<10	<0.8	<0.2	<0.2
Chrysene	5	<5	<10	<5	<10	<0.8	<0.2	<0.2
Dibenz(a,h)anthracene	0.2	<5	<10	<5	<10	<2	<0.5	<0.5
Fluoranthene	280	<5	<10	<5	<10	<2	<0.5	<0.5
Fluorene	280	<5	<10	<5	41	<2	7.6	2.9
Indeno(1,2,3-cd)pyrene	0.2	<5	<10	<5	<10	<2	<0.5	<0.5
Naphthalene	20	<5	<10	**24**	**55**	6	12	**30**
Phenanthrene	210	<5	<10	<5	23	1.2	5.0	2
Pyrene	210	<5	<10	<5	<10	<2	<0.5	<0.5
1,2-Dichloroethane	3	<1	<1	<1	<1	<1	<1	<1

See notes at end of table.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date			
		MW-9 3/13/97	MW-9 10/8/97	MW-10 4/24/97	MW-10 10/8/97
Benzene	1	<1	<1	<1	<1
Ethylbenzene	30	<1	<1	<1	<1
Toluene	40	<1	<1	<1	<1
Xylenes	20	<1	<2	<1	<2
MTBE	35	<5	<10	<5	<10
TRPH (mg/ℓ)	5	<1	<0.3	<1	0.5
EDB	0.02	<0.02	<0.02	<0.02	<0.02
Total lead	15	8	8.4	<3	9.3
Acenaphthene	20	<5	<10	<5	<10
Acenaphthylene	210	<5	<10	<5	<10
Anthracene	2,100	<5	<10	<5	<10
Benzo(a)anthracene	0.2	<5	<10	<5	<10
Benzo(a)pyrene	0.2	<5	<10	<5	<10
Benzo(b)fluoranthene	0.2	<5	<10	<5	<10
Benzo(g,h,i)perylene	210	<5	<10	<5	<10
Benzo(k)fluoranthene	0.5	<5	<10	<5	<10
Chrysene	5	<5	<10	<5	<10
Dibenz(a,h)anthracene	0.2	<5	<10	<5	<10
Fluoranthene	280	<5	<10	<5	<10
Fluorene	280	<5	<10	<5	<10
Indeno(1,2,3-cd)pyrene	0.2	<5	<10	<5	<10
Naphthalene	20	<5	<10	<5	<10
Phenanthrene	210	<5	<10	<5	<10
Pyrene	210	<5	<10	<5	<10
1,2-Dichloroethane	3	<1	<1	<1	<1

See notes on following page.

Table D-1 (Continued)
Summary of Groundwater Analytical Results

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Parameter	Chapter 62-770, FAC Target Cleanup Levels (ppb) (Revised)	Monitoring Well/Sample Date		
		DW-1 3/13/97	DW-1 10/8/97	MC-1 12/10/97
Benzene	1	<1	<1	<1
Ethylbenzene	30	<1	<1	<1
Toluene	40	<1	<1	<1
Xylenes	20	<1	<2	<2
MTBE	35	<5	<10	<10
TRPH (mg/ℓ)	5	<1	<0.3	<0.3
EDB	0.02	<0.02	<0.02	<0.02
Total lead	15	6	**21.8**	3.4
Acenaphthene	20	<5	<10	<1
Acenaphthylene	210	<5	<10	<1
Anthracene	2,100	<5	<10	<0.2
Benzo(a)anthracene	0.2	<5	<10	<0.2
Benzo(a)pyrene	0.2	<5	<10	<0.2
Benzo(b)fluoranthene	0.2	<5	<10	<0.2
Benzo(g,h,i)perylene	210	<5	<10	<0.5
Benzo(k)fluoranthene	0.5	<5	<10	<0.5
Chrysene	5	<5	<10	<0.2
Dibenz(a,h)anthracene	0.2	<5	<10	<1
Fluoranthene	280	<5	<10	<0.5
Fluorene	280	<5	<10	<0.5
Indeno(1,2,3-cd)pyrene	0.2	<5	<10	<0.5
Naphthalene	20	<5	<10	<0.2
Phenanthrene	210	<5	<10	<2
Pyrene	210	<5	<10	<0.5
1,2-Dichloroethane	3	<1	<1	<0.02

Notes: All concentrations in micrograms per liter, unless otherwise noted. Concentrations in bold represent values exceeding Chapter 62-70, FAC, Target Cleanup Levels.

FAC = Florida Administrative Code.
ppb = parts per billion.
< = less than.
NA = not available.
MTBE = methyl tert-butyl ether.
TRPH = total recoverable petroleum hydrocarbons.
mg/ℓ = milligrams per liter.
EDB = ethylene dibromide.
J = estimated value.
P = greater than 25 percent difference between first column and second column.

Table D-2
Groundwater Elevation Summary

Monitoring Only Proposal
Building 200, Main Base
Naval Training Center
Orlando, Florida

Well Number	Date	Depth Product (ft btoc)	Depth to Water (ft btoc)	Product Thickness (feet)	Top-of-Casing Elevation (feet)[1]	Water Level Elevation (feet)[1]
MW-1	03/19/97	--	5.03	--	100.00	94.97
	04/24/97	--	4.60	--		95.40
	05/23/97	--	5.14	--		94.86
MW-2	03/19/97	--	8.40	--	98.85	90.45
	04/24/97	--	8.36	--		90.49
	05/23/97	--	8.12	--		90.73
	10/16/98		5.94			92.91
MW-3	03/19/97	--	9.21	--	99.21	90.00
	04/24/97	--	9.10	--		90.11
	05/23/97	--	8.98	--		90.23
	10/16/98		6.75			92.46
MW-4	03/19/97	--	9.30	--	99.55	90.25
	04/24/97	--	9.27	--		90.28
	05/23/97	--	9.04	--		90.51
MW-5	03/19/97	--	8.12	--	98.98	90.86
	04/24/97	--	8.16	--		90.82
	05/23/97	--	8.04	--		90.94
MW-6	03/19/97	--	8.40	--	99.20	90.80
	04/24/97	--	8.36	--		90.84
	05/23/97	--	8.08	--		91.12
	10/16/98		5.91			91.90
MW-7	03/19/97	--	9.31	--	99.21	89.90
	04/24/97	--	9.32	--		89.89
	05/23/97	--	9.12	--		90.09
MW-8	03/19/97	--	10.11	--	99.60	89.49
	04/24/97	--	10.18	--		89.42
	05/23/97	--	9.94	--		89.66
MW-9	03/19/97	--	9.64	--	99.43	89.79
	04/24/97	--	9.65	--		89.78
	05/23/97	--	9.38	--		90.05
MW-10	03/19/97	--	NA	--	99.55	NA
	04/24/97	--	10.59	--		88.96
	05/23/97	--	10.33	--		89.22
DW-1	03/19/97	--	20.07	--	99.40	79.33
	04/24/97	--	20.57	--		78.83
	05/23/97	--	20.98	--		78.42
PZ-1	03/19/97	--	DRY	--	101.31	NA
	04/24/97	--	DRY	--		NA
	05/23/97	--	DRY	--		NA

[1] Referenced to arbitrary datum.

Notes: ft btoc = feet below top of casing. NA = not available. -- = not applicable.

ATTACHMENT E

GROUNDWATER LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY (OCTOBER 16, 1998)

BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	MB708005			S777000-1			MB420002			S775750-1		
Site	200			200			200			200		
Locator	064GT101/200 TW-1			064MC101/200 MC-1			064GM101/200 MW-1			064GM102/200 MW-1		
Collect Date:	03-SEP-96			10-DEC-97			18-JUL-96			08-OCT-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Bromoform	10	U	ug/l	5	U	ug/l	1	U	ug/l	5	U	ug/l
Bromomethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Carbon tetrachloride	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chlorobenzene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloroethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	10	U	ug/l	10	U	ug/l	1	U	ug/l	10	U	ug/l
Chloroform	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloromethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dibromochloromethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	-			1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	-			1	U	ug/l	-			1	U	ug/l
1,2-Dichloropropane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Methylene chloride	10	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
1,1,2,2-Tetrachloroethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Tetrachloroethene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichloroethylene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	-			1	U	ug/l	1	U	ug/l	1	U	ug/l
Vinyl chloride	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
EPA 602												
Benzene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Toluene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Ethylbenzene	10	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Xylenes (total)	-			2	U	ug/l	-			2	U	ug/l
Methyl tert-butyl ether	-			10	U	ug/l	1	U	ug/l	10	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	-			.02	U	ug/l	.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	3	J	ug/l	1	U	ug/l	14		ug/l	10	U	ug/l
Acenaphthylene	10	U	ug/l	1	U	ug/l	2	U	ug/l	10	U	ug/l
Anthracene	10	U	ug/l	.2	U	ug/l	5		ug/l	-		
Benzo(a)anthracene	10	U	ug/l	.2	U	ug/l	2	U	ug/l	-		
Benzo(a)pyrene	10	U	ug/l	.2	U	ug/l	2	U	ug/l	10	U	ug/l
Benzo(b)fluoranthene	10	U	ug/l	.2	U	ug/l	2	U	ug/l	-		
Benzo(g,h,i)perylene	10	U	ug/l	.5	U	ug/l	2	U	ug/l	10	U	ug/l
Benzo(k)fluoranthene	10	U	ug/l	.5	U	ug/l	2	U	ug/l	-		
Chrysene	10	U	ug/l	.2	U	ug/l	2	U	ug/l	-		
Dibenzo(a,h)anthracene	10	U	ug/l	1	U	ug/l	2	U	ug/l	-		
Fluoranthene	10	U	ug/l	.5	U	ug/l	3		ug/l	10	U	ug/l
Fluorene	3	J	ug/l	.5	U	ug/l	12		ug/l	10	U	ug/l
Indeno(1,2,3-cd)pyrene	10	U	ug/l	.5	U	ug/l	2	U	ug/l	-		
1-Methylnaphthalene	-			1	U	ug/l	2	U	ug/l	10	U	ug/l
2-Methylnaphthalene	-			1	U	ug/l	2		ug/l	10	U	ug/l
Naphthalene	10	U	ug/l	1	U	ug/l	3		ug/l	10	U	ug/l

Phenanthrene	1 J	ug/l	.2 U	ug/l	28	ug/l	-	
Pyrene	10 U	ug/l	.5 U	ug/l	2 U	ug/l	10 U	ug/l
LEAD								
Lead	3 U	ug/l	.0034 B	mg/l	19.8	ug/l	.0051	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	-		.3 U	mg/l	-		.3 X	mg/l
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	1.73	mg/l	-		.6	mg/l	-	

&a605h5125V
&a605h5200V
&a605h5275V

BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S775750-7			MB404004			97020007-1			S775800-2		
Site	200			200			200			200		
Locator	064GM102/200 MW-1			064GM201/200 MW-2			064GM202/200 MW-2			064GM203/200 MW-2		
Collect Date:	21-OCT-97			17-JUL-96			03-FEB-97			09-OCT-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Bromoform	-			5	U	ug/l	1	U	ug/l	5	U	ug/l
Bromomethane	-			10	U	ug/l	1	U	ug/l	1	U	ug/l
Carbon tetrachloride	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Chlorobenzene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Chloroethane	-			10	U	ug/l	1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	-			10	U	ug/l	1	U	ug/l	10	U	ug/l
Chloroform	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Chloromethane	-			10	U	ug/l	1	U	ug/l	1	U	ug/l
Dibromochloromethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	-			200	U	ug/l	1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	-			200	U	ug/l	1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	-			200	U	ug/l	1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	-			-			1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	-			-			-			1	U	ug/l
1,2-Dichloropropane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Methylene chloride	-			5	U	ug/l	1	U	ug/l	5	U	ug/l
1,1,2,2-Tetrachloroethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Tetrachloroethene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Trichloroethylene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	-			-			1	U	ug/l	1	U	ug/l
Vinyl chloride	-			10	U	ug/l	1	U	ug/l	1	U	ug/l
EPA 602												
Benzene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Toluene	-			5	U	ug/l	1	U	ug/l	1	U	ug/l
Ethylbenzene	-			5		ug/l	2.6		ug/l	1		ug/l
Xylenes (total)	-			-			-			4.9		ug/l
Methyl tert-butyl ether	-			-			5	U	ug/l	10	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	-			-			.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	-			28	J	ug/l	10	U	ug/l	10	U	ug/l
Acenaphthylene	-			200	U	ug/l	10	U	ug/l	15		ug/l
Anthracene	-			200	U	ug/l	10	U	ug/l	-		
Benzo(a)anthracene	-			200	U	ug/l	10	U	ug/l	-		
Benzo(a)pyrene	-			200	U	ug/l	10	U	ug/l	10	U	ug/l
Benzo(b)fluoranthene	-			200	U	ug/l	10	U	ug/l	-		
Benzo(g,h,i)perylene	-			200	U	ug/l	10	U	ug/l	10	U	ug/l
Benzo(k)fluoranthene	-			200	U	ug/l	10	U	ug/l	-		
Chrysene	-			200	U	ug/l	10	U	ug/l	-		
Dibenzo(a,h)anthracene	-			200	U	ug/l	10	U	ug/l	-		
Fluoranthene	-			200	U	ug/l	10	U	ug/l	10	U	ug/l
Fluorene	-			53	J	ug/l	10	U	ug/l	17		ug/l
Indeno(1,2,3-cd)pyrene	-			200	U	ug/l	10	U	ug/l	-		
1-Methylnaphthalene	-			-			62		ug/l	62		ug/l
2-Methylnaphthalene	-			-			90		ug/l	82		ug/l

Naphthalene	-		44 J	ug/l	10 U	ug/l	10 U	ug/l
Phenanthrene	-		160 J	ug/l	10 U	ug/l	-	
Pyrene	-		20 J	ug/l	10 U	ug/l	10 U	ug/l
LEAD								
Lead	-		14.8	ug/l	3 U	ug/l	.0099	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	.43	mg/l	-		-		3.3	mg/l
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	-		105	mg/l	1.4	mg/l	-	

!!&a605h5125V
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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S881589-1			S883690-3			S883690-3-			S886398-1		
Site	200			200			200			200		
Locator	064MG204/200 MW-2			064GM205/200MW-2			064GM205/200MW-2			064GM206 / 200 MW-2		
Collect Date:	20-MAR-98			22-JUN-98			22-JUN-98			16-OCT-98		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Bromoform	5	U	ug/l	5	U	ug/l	-			5	U	ug/l
Bromomethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Carbon tetrachloride	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Chlorobenzene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Chloroethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
2-Chloroethylvinyl ether	10	U	ug/l	10	U	ug/l	-			10	U	ug/l
Chloroform	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Chloromethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Dibromochloromethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,2-Dichlorobenzene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,3-Dichlorobenzene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,4-Dichlorobenzene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Dichlorodifluoromethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,1-Dichloroethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,2-Dichloroethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,1-Dichloroethene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Cis/Trans-1,2-Dichloroethene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,2-Dichloropropane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
cis-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
trans-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Methylene chloride	5	U	ug/l	5	U	ug/l	-			5	U	ug/l
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Tetrachloroethene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,1,1-Trichloroethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
1,1,2-Trichloroethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Trichloroethylene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Trichlorofluoromethane	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Vinyl chloride	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
EPA 602												
Benzene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Toluene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Ethylbenzene	1	U	ug/l	1	U	ug/l	-			1	U	ug/l
Xylenes (total)	2	U	ug/l	3.8		ug/l	-			2	U	ug/l
Methyl tert-butyl ether	10	U	ug/l	10	U	ug/l	-			10	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	.02	U	ug/l	-			.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	2	U	ug/l	3.3		ug/l	20	U	ug/l	1.4		ug/l
Acenaphthylene	12		ug/l	4.6		ug/l	20	U	ug/l	8.1		ug/l
Anthracene	.4	U	ug/l	2.1	XY	ug/l	4	U	ug/l	.2	U	ug/l
Benzo(a)anthracene	.4	U	ug/l	.2	U	ug/l	4	U	ug/l	.2	U	ug/l
Benzo(a)pyrene	.4	U	ug/l	.2	U	ug/l	4	U	ug/l	.2	U	ug/l
Benzo(b)fluoranthene	.4	U	ug/l	.2	U	ug/l	4	U	ug/l	.2	U	ug/l
Benzo(g,h,i)perylene	1	U	ug/l	.5	U	ug/l	10	U	ug/l	.5	U	ug/l
Benzo(k)fluoranthene	.4	U	ug/l	.2	U	ug/l	4	U	ug/l	.2	U	ug/l
Chrysene	.4	U	ug/l	.2	U	ug/l	4	U	ug/l	.2	U	ug/l
Dibenzo(a,h)anthracene	1	U	ug/l	.5	U	ug/l	10	U	ug/l	.5	U	ug/l
Fluoranthene	1	U	ug/l	.8	X	ug/l	10	U	ug/l	.5	U	ug/l
Fluorene	3.7		ug/l	9.4		ug/l	10	U	ug/l	3.2		ug/l
Indeno(1,2,3-cd)pyrene	1	U	ug/l	.5	U	ug/l	10	U	ug/l	.5	U	ug/l
1-Methylnaphthalene	19	P	ug/l	71	EX	ug/l	68	X	ug/l	12	X	ug/l
2-Methylnaphthalene	19		ug/l	58	E	ug/l	74		ug/l	13		ug/l

Naphthalene	2.6 P	ug/l	8.9 X	ug/l	20 U	ug/l	7.4	ug/l
Phenanthrene	3.7 P	ug/l	15 EXY	ug/l	8.4 X	ug/l	1.5 X	ug/l
Pyrene	1 U	ug/l	1.1 X	ug/l	10 U	ug/l	.5 U	ug/l
LEAD								
Lead	.005 U	mg/l	.005 U	mg/l	-		.005 U	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	1.9	mg/l	1	mg/l	-		1	mg/l
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	-		-		-		-	

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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	97020007-2			S775750-4			S881570-2			S883690-1		
Site	200			200			200			200		
Locator	064GM301/200MW-3			064GM302/200 MW-3			064GM303/200 MW-3			064MGM304/200MW-3		
Collect Date:	03-FEB-97			08-OCT-97			19-MAR-98			22-JUN-98		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Bromoform	1	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Bromomethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Carbon tetrachloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	1	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Chloroform	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dibromochloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	-			1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichloropropane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Methylene chloride	1	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Tetrachloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichloroethylene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Vinyl chloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
EPA 602												
Benzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Toluene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Ethylbenzene	2.8		ug/l	1.7		ug/l	1.2		ug/l	1.8		ug/l
Xylenes (total)	-			8.1		ug/l	9.1		ug/l	10		ug/l
Methyl tert-butyl ether	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	20	U	ug/l	10	U	ug/l	4	U	ug/l	3.9	X	ug/l
Acenaphthylene	20	U	ug/l	10		ug/l	5.3		ug/l	4.5		ug/l
Anthracene	20	U	ug/l	-			.8	U	ug/l	1.3	Y	ug/l
Benzo(a)anthracene	20	U	ug/l	-			.8	U	ug/l	.2	U	ug/l
Benzo(a)pyrene	20	U	ug/l	10	U	ug/l	.8	U	ug/l	.2	U	ug/l
Benzo(b)fluoranthene	20	U	ug/l	-			.8	U	ug/l	.2	U	ug/l
Benzo(g,h,i)perylene	20	U	ug/l	10	U	ug/l	2	U	ug/l	.5	U	ug/l
Benzo(k)fluoranthene	20	U	ug/l	-			.8	U	ug/l	.2	U	ug/l
Chrysene	20	U	ug/l	-			.8	U	ug/l	.2	U	ug/l
Dibenzo(a,h)anthracene	20	U	ug/l	-			2	U	ug/l	.5	U	ug/l
Fluoranthene	20	U	ug/l	10	U	ug/l	2	U	ug/l	.5	U	ug/l
Fluorene	20	U	ug/l	10	U	ug/l	2.4		ug/l	7.4		ug/l
Indeno(1,2,3-cd)pyrene	20	U	ug/l	-			2	U	ug/l	.5	U	ug/l
1-Methylnaphthalene	108		ug/l	87		ug/l	20		ug/l	73	E	ug/l
2-Methylnaphthalene	128		ug/l	140		ug/l	30		ug/l	62	E	ug/l

Naphthalene	48	ug/l	58	ug/l	8.7	ug/l	16	ug/l
Phenanthrene	20 U	ug/l	-		3.1	ug/l	11 EXY	ug/l
Pyrene	20 U	ug/l	10 U	ug/l	2 U	ug/l	.5 U	ug/l
LEAD								
Lead	3 U	ug/l	.0106	mg/l	.005 U	mg/l	.005 U	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	-		2.1	mg/l	2.1	mg/l	.98	mg/l
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	1 U	mg/l	-		-		-	

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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S883690-1-			S886398-2			S886398-2-			97020007-3		
Site	200			200			200			200		
Locator	064MGM304/200MW-3			064GM305 / 200 MW-3			064GM305 / 200 MW-3			064GM401/200MW-4		
Collect Date:	22-JUN-98			16-OCT-98			16-OCT-98			03-FEB-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	-			1	U	ug/l	-			1	U	ug/l
Bromoform	-			5	U	ug/l	-			1	U	ug/l
Bromomethane	-			1	U	ug/l	-			1	U	ug/l
Carbon tetrachloride	-			1	U	ug/l	-			1	U	ug/l
Chlorobenzene	-			1	U	ug/l	-			1	U	ug/l
Chloroethane	-			1	U	ug/l	-			1	U	ug/l
2-Chloroethylvinyl ether	-			10	U	ug/l	-			1	U	ug/l
Chloroform	-			1	U	ug/l	-			1	U	ug/l
Chloromethane	-			1	U	ug/l	-			1	U	ug/l
Dibromochloromethane	-			1	U	ug/l	-			1	U	ug/l
1,2-Dichlorobenzene	-			1	U	ug/l	-			1	U	ug/l
1,3-Dichlorobenzene	-			1	U	ug/l	-			1	U	ug/l
1,4-Dichlorobenzene	-			1	U	ug/l	-			1	U	ug/l
Dichlorodifluoromethane	-			1	U	ug/l	-			1	U	ug/l
1,1-Dichloroethane	-			1	U	ug/l	-			1	U	ug/l
1,2-Dichloroethane	-			1	U	ug/l	-			1	U	ug/l
1,1-Dichloroethene	-			1	U	ug/l	-			1	U	ug/l
Cis/Trans-1,2-Dichloroethene	-			1	U	ug/l	-			-		
1,2-Dichloropropane	-			1	U	ug/l	-			1	U	ug/l
cis-1,3-Dichloropropene	-			1	U	ug/l	-			1	U	ug/l
trans-1,3-Dichloropropene	-			1	U	ug/l	-			1	U	ug/l
Methylene chloride	-			5	U	ug/l	-			1	U	ug/l
1,1,2,2-Tetrachloroethane	-			1	U	ug/l	-			1	U	ug/l
Tetrachloroethene	-			1	U	ug/l	-			1	U	ug/l
1,1,1-Trichloroethane	-			1	U	ug/l	-			1	U	ug/l
1,1,2-Trichloroethane	-			1	U	ug/l	-			1	U	ug/l
Trichloroethylene	-			1	U	ug/l	-			1	U	ug/l
Trichlorofluoromethane	-			1	U	ug/l	-			1	U	ug/l
Vinyl chloride	-			1	U	ug/l	-			1	U	ug/l
EPA 602												
Benzene	-			1	U	ug/l	-			1	U	ug/l
Toluene	-			1	U	ug/l	-			1	U	ug/l
Ethylbenzene	-			1	U	ug/l	-			1	U	ug/l
Xylenes (total)	-			7.4		ug/l	-			-		
Methyl tert-butyl ether	-			10	U	ug/l	-			5	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	-			.02	U	ug/l	-			.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	10	U	ug/l	2.1		ug/l	10	U	ug/l	5	U	ug/l
Acenaphthylene	10	U	ug/l	4.9		ug/l	10	U	ug/l	5	U	ug/l
Anthracene	2	U	ug/l	.2	U	ug/l	2	U	ug/l	5	U	ug/l
Benzo(a)anthracene	2	U	ug/l	.2	U	ug/l	2	U	ug/l	5	U	ug/l
Benzo(a)pyrene	2	U	ug/l	.2	U	ug/l	2	U	ug/l	5	U	ug/l
Benzo(b)fluoranthene	2	U	ug/l	.2	U	ug/l	2	U	ug/l	5	U	ug/l
Benzo(g,h,i)perylene	5	U	ug/l	.5	U	ug/l	5	U	ug/l	5	U	ug/l
Benzo(k)fluoranthene	2	U	ug/l	.2	U	ug/l	2	U	ug/l	5	U	ug/l
Chrysene	2	U	ug/l	.2	U	ug/l	2	U	ug/l	5	U	ug/l
Dibenzo(a,h)anthracene	5	U	ug/l	.5	U	ug/l	5	U	ug/l	5	U	ug/l
Fluoranthene	5	U	ug/l	.5	U	ug/l	5	U	ug/l	5	U	ug/l
Fluorene	6.9		ug/l	4.7		ug/l	5	U	ug/l	5	U	ug/l
Indeno(1,2,3-cd)pyrene	5	U	ug/l	.5	U	ug/l	5	U	ug/l	5	U	ug/l
1-Methylnaphthalene	78	X	ug/l	66	E	ug/l	70	X	ug/l	5	U	ug/l
2-Methylnaphthalene	86		ug/l	62	E	ug/l	64		ug/l	5	U	ug/l

Naphthalene	19	ug/l	6.7	ug/l	10 U	ug/l	5 U	ug/l
Phenanthrene	5.8 X	ug/l	3.4 X	ug/l	4.8 X	ug/l	5 U	ug/l
Pyrene	5 U	ug/l	.5 U	ug/l	5 U	ug/l	5 U	ug/l
LEAD								
Lead	-		.005 U	mg/l	-		3 U	ug/l
Flo Pro								
Petroleum Range Organics (Fl-P	-		3.3	mg/l	-		-	
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	-		-		-		1 U	mg/l

||&a605h5125V
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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S775777-2			97020007-4			S775777-4			S775800-4		
Site	200			200			200			200		
Locator	064GM402/200 MW-4			064GM501/200MW-5			064GM502/200 MW-5			064GM502/200 MW-5		
Collect Date:	09-OCT-97			03-FEB-97			09-OCT-97			09-OCT-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Bromoform	5	U	ug/l	1	U	ug/l	5	U	ug/l	-		
Bromomethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Carbon tetrachloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Chlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Chloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
2-Chloroethylvinyl ether	10	U	ug/l	1	U	ug/l	10	U	ug/l	-		
Chloroform	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Chloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Dibromochloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,2-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,3-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,4-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Dichlorodifluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,2-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1-Dichloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Cis/Trans-1,2-Dichloroethene	1	U	ug/l	-			1	U	ug/l	-		
1,2-Dichloropropane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
cis-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
trans-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Methylene chloride	5	U	ug/l	1	U	ug/l	5	U	ug/l	-		
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Tetrachloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1,1-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1,2-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Trichloroethylene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Trichlorofluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Vinyl chloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
EPA 602												
Benzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Toluene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Ethylbenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Xylenes (total)	2	U	ug/l	-			2	U	ug/l	-		
Methyl tert-butyl ether	10	U	ug/l	5	U	ug/l	10	U	ug/l	-		
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l	-		
PAH COMPOUNDS												
Acenaphthene	10	U	ug/l	5	U	ug/l	-			10	U	ug/l
Acenaphthylene	10	U	ug/l	5	U	ug/l	-			11		ug/l
Anthracene	-			5	U	ug/l	-			-		
Benzo(a)anthracene	-			5	U	ug/l	-			-		
Benzo(a)pyrene	10	U	ug/l	5	U	ug/l	-			10	U	ug/l
Benzo(b)fluoranthene	-			5	U	ug/l	-			-		
Benzo(g,h,i)perylene	10	U	ug/l	5	U	ug/l	-			10	U	ug/l
Benzo(k)fluoranthene	-			5	U	ug/l	-			-		
Chrysene	-			5	U	ug/l	-			-		
Dibenzo(a,h)anthracene	-			5	U	ug/l	-			-		
Fluoranthene	10	U	ug/l	5	U	ug/l	-			10	U	ug/l
Fluorene	10	U	ug/l	5	U	ug/l	-			10	U	ug/l
Indeno(1,2,3-cd)pyrene	-			5	U	ug/l	-			-		
1-Methylnaphthalene	10	U	ug/l	5	U	ug/l	-			33		ug/l
2-Methylnaphthalene	10	U	ug/l	5	U	ug/l	-			38		ug/l

Naphthalene	10 U	ug/l	5 U	ug/l	-		19	ug/l
Phenanthrene	-		5 U	ug/l	-		-	
Pyrene	10 U	ug/l	5 U	ug/l	-		10 U	ug/l
LEAD								
Lead	.0065	mg/l	7	ug/l	.0064	mg/l	-	
Flo Pro								
Petroleum Range Organics (Fl-P	.3 U	mg/l	-		2.6	mg/l	-	
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	-		1.2	mg/l	-		-	

&a605h5125V
&a605h5200V
&a605h5275V

BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	97020007-5			S775777-3			S775800-1			S881589-2		
Site	200			200			200			200		
Locator	064GM601/200MW-6			064GM602/200 MW-6			064GM602/200 MW-6			064MG603/200 MW-6		
Collect Date:	03-FEB-97			09-OCT-97			09-OCT-97			20-MAR-98		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Bromoform	1	U	ug/l	-			5	U	ug/l	5	U	ug/l
Bromomethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Carbon tetrachloride	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Chlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Chloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	1	U	ug/l	-			10	U	ug/l	10	U	ug/l
Chloroform	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Chloromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Dibromochloromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	-			-			1	U	ug/l	1	U	ug/l
1,2-Dichloropropane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Methylene chloride	1	U	ug/l	-			5	U	ug/l	5	U	ug/l
1,1,2,2-Tetrachloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Tetrachloroethene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Trichloroethylene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Vinyl chloride	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
EPA 602												
Benzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Toluene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Ethylbenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Xylenes (total)	-			-			2	U	ug/l	2	U	ug/l
Methyl tert-butyl ether	5	U	ug/l	-			10	U	ug/l	10	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	-			.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	5	U	ug/l	20		ug/l	-			4	U	ug/l
Acenaphthylene	5	U	ug/l	64		ug/l	-			4.8		ug/l
Anthracene	5	U	ug/l	-			-			.8	U	ug/l
Benzo(a)anthracene	5	U	ug/l	-			-			.8	U	ug/l
Benzo(a)pyrene	5	U	ug/l	10	U	ug/l	-			.8	U	ug/l
Benzo(b)fluoranthene	5	U	ug/l	-			-			.8	U	ug/l
Benzo(g,h,i)perylene	5	U	ug/l	10	U	ug/l	-			2	U	ug/l
Benzo(k)fluoranthene	5	U	ug/l	-			-			.2	U	ug/l
Chrysene	5	U	ug/l	-			-			.8	U	ug/l
Dibenzo(a,h)anthracene	5	U	ug/l	-			-			2	U	ug/l
Fluoranthene	5	U	ug/l	10	U	ug/l	-			2	U	ug/l
Fluorene	5	U	ug/l	10	U	ug/l	-			3.6		ug/l
Indeno(1,2,3-cd)pyrene	5	U	ug/l	-			-			2	U	ug/l
1-Methylnaphthalene	13		ug/l	34		ug/l	-			5.2	P	ug/l
2-Methylnaphthalene	15		ug/l	41		ug/l	-			5.2	P	ug/l

Naphthalene	5 U	ug/l	10 U	ug/l	-		4 U	ug/l
Phenanthrene	6	ug/l	-		-		4.8 P	ug/l
Pyrene	5 U	ug/l	17	ug/l	-		2 U	ug/l
LEAD								
Lead	4	ug/l	-		.0143	mg/l	.005 U	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	-		11	mg/l	-		.63	mg/l
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	1 U	mg/l	-		-		-	

&a605h5125V
&a605h5200V
&a605h5275V

BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S883690-4			S883690-4-			S886398-3			97030088-1		
Site	200			200			200			200		
Locator	064GMG04/200MW-6			064GMG04/200MW-6			064GM605 / 200 MW-6			064GM701/200 MW-7		
Collect Date:	22-JUN-98			22-JUN-98			16-OCT-98			13-MAR-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Bromoform	5	U	ug/l	-			5	U	ug/l	1	U	ug/l
Bromomethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Carbon tetrachloride	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Chlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Chloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	10	U	ug/l	-			10	U	ug/l	1	U	ug/l
Chloroform	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Chloromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Dibromochloromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	1	U	ug/l	-			1	U	ug/l	-		
1,2-Dichloropropane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Methylene chloride	5	U	ug/l	-			5	U	ug/l	1	U	ug/l
1,1,2,2-Tetrachloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Tetrachloroethene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Trichloroethylene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Vinyl chloride	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
EPA 602												
Benzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Toluene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Ethylbenzene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
Xylenes (total)	2	U	ug/l	-			2	U	ug/l	-		
Methyl tert-butyl ether	10	U	ug/l	-			10	U	ug/l	5	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	-			.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	3	X	ug/l	10	U	ug/l	1.2		ug/l	5	U	ug/l
Acenaphthylene	5.6		ug/l	10	U	ug/l	2.5		ug/l	5	U	ug/l
Anthracene	.48	X	ug/l	2	U	ug/l	.2	U	ug/l	5	U	ug/l
Benzo(a)anthracene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	5	U	ug/l
Benzo(a)pyrene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	5	U	ug/l
Benzo(b)fluoranthene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	5	U	ug/l
Benzo(g,h,i)perylene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
Benzo(k)fluoranthene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	5	U	ug/l
Chrysene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	5	U	ug/l
Dibenzo(a,h)anthracene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
Fluoranthene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
Fluorene	7.9		ug/l	8.1		ug/l	2.4		ug/l	5	U	ug/l
Indeno(1,2,3-cd)pyrene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
1-Methylnaphthalene	22	X	ug/l	24	X	ug/l	8.1	X	ug/l	5	U	ug/l
2-Methylnaphthalene	21		ug/l	22		ug/l	7.7		ug/l	5	U	ug/l

Naphthalene	1 U	ug/l	10 U	ug/l	1 U	ug/l	5 U	ug/l
Phenanthrene	7.6 EX	ug/l	10 X	ug/l	3.2 X	ug/l	5 U	ug/l
Pyrene	.84 X	ug/l	5 U	ug/l	.5 U	ug/l	5 U	ug/l
LEAD								
Lead	.005 U	mg/l	-		.005 U	mg/l	3 U	ug/l
Flo Pro								
Petroleum Range Organics (Fl-P	.73	mg/l	-		1.1	mg/l	-	
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	-		-		-		1 U	mg/l

&a605h5125V
&a605h5200V
&a605h5275V

BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S775777-1			97030088-2			S775750-5			S881570-1		
Site	200			200			200			200		
Locator	064GM702/200 MW-7			064GM801/200 MW-8			064GM802/200 MW-8			064GM803/200 MW-8		
Collect Date:	09-OCT-97			13-MAR-97			08-OCT-97			19-MAR-98		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Bromoform	5	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l
Bromomethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Carbon tetrachloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	10	U	ug/l	1	U	ug/l	10	U	ug/l	10	U	ug/l
Chloroform	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dibromochloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	1	U	ug/l	-			1	U	ug/l	1	U	ug/l
1,2-Dichloropropane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Methylene chloride	5	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Tetrachloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichloroethylene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Vinyl chloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
EPA 602												
Benzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Toluene	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Ethylbenzene	1	U	ug/l	1	U	ug/l	1.1		ug/l	1	U	ug/l
Xylenes (total)	2	U	ug/l	-			6.2		ug/l	2	U	ug/l
Methyl tert-butyl ether	10	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS												
Acenaphthene	10	U	ug/l	5	U	ug/l	41		ug/l	4	U	ug/l
Acenaphthylene	10	U	ug/l	5	U	ug/l	10	U	ug/l	4	U	ug/l
Anthracene	-			5	U	ug/l	-			.8	U	ug/l
Benzo(a)anthracene	-			5	U	ug/l	-			.8	U	ug/l
Benzo(a)pyrene	10	U	ug/l	5	U	ug/l	10	U	ug/l	.8	U	ug/l
Benzo(b)fluoranthene	-			5	U	ug/l	-			.8	U	ug/l
Benzo(g,h,i)perylene	10	U	ug/l	5	U	ug/l	10	U	ug/l	2	U	ug/l
Benzo(k)fluoranthene	-			5	U	ug/l	-			.8	U	ug/l
Chrysene	-			5	U	ug/l	-			.8	U	ug/l
Dibenzo(a,h)anthracene	-			5	U	ug/l	-			2	U	ug/l
Fluoranthene	10	U	ug/l	5	U	ug/l	10	U	ug/l	2	U	ug/l
Fluorene	10	U	ug/l	5	U	ug/l	41		ug/l	2	U	ug/l
Indeno(1,2,3-cd)pyrene	-			5	U	ug/l	-			2	U	ug/l
1-Methylnaphthalene	10	U	ug/l	48		ug/l	66		ug/l	21		ug/l
2-Methylnaphthalene	10	U	ug/l	48		ug/l	90		ug/l	12		ug/l

Naphthalene	10 U	ug/l	24	ug/l	55	ug/l	6	ug/l
Phenanthrene	-		5 U	ug/l	-		1.2	ug/l
Pyrene	10 U	ug/l	5 U	ug/l	10 U	ug/l	2 U	ug/l
LEAD								
Lead	.0114	mg/l	3 U	ug/l	.005 U	mg/l	.005 U	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	.3 U	mg/l	-		3.4	mg/l	18	mg/l
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	-		1 U	mg/l	-		-	

&a605h5125V
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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S883690-2			S883690-2-			S886398-4			S886398-4-		
Site	200			200			200			200		
Locator	064GM804/200MW-8			064GM804/200MW-8			064GM805 / 200 MW-8			064GM805 / 200 MW-8		
Collect Date:	22-JUN-98			22-JUN-98			16-OCT-98			16-OCT-98		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	-			1	U	ug/l	-		
Bromoform	5	U	ug/l	-			5	U	ug/l	-		
Bromomethane	1	U	ug/l	-			1	U	ug/l	-		
Carbon tetrachloride	1	U	ug/l	-			1	U	ug/l	-		
Chlorobenzene	1	U	ug/l	-			1	U	ug/l	-		
Chloroethane	1	U	ug/l	-			1	U	ug/l	-		
2-Chloroethylvinyl ether	10	U	ug/l	-			10	U	ug/l	-		
Chloroform	1	U	ug/l	-			1	U	ug/l	-		
Chloromethane	1	U	ug/l	-			1	U	ug/l	-		
Dibromochloromethane	1	U	ug/l	-			1	U	ug/l	-		
1,2-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	-		
1,3-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	-		
1,4-Dichlorobenzene	1	U	ug/l	-			1	U	ug/l	-		
Dichlorodifluoromethane	1	U	ug/l	-			1	U	ug/l	-		
1,1-Dichloroethane	1	U	ug/l	-			1	U	ug/l	-		
1,2-Dichloroethane	1	U	ug/l	-			1	U	ug/l	-		
1,1-Dichloroethene	1	U	ug/l	-			1	U	ug/l	-		
Cis/Trans-1,2-Dichloroethene	1	U	ug/l	-			1	U	ug/l	-		
1,2-Dichloropropane	1	U	ug/l	-			1	U	ug/l	-		
cis-1,3-Dichloropropene	1	U	ug/l	-			1	U	ug/l	-		
trans-1,3-Dichloropropene	1	U	ug/l	-			1	U	ug/l	-		
Methylene chloride	5	U	ug/l	-			5	U	ug/l	-		
1,1,2,2-Tetrachloroethane	1	U	ug/l	-			1	U	ug/l	-		
Tetrachloroethene	1	U	ug/l	-			1	U	ug/l	-		
1,1,1-Trichloroethane	1	U	ug/l	-			1	U	ug/l	-		
1,1,2-Trichloroethane	1	U	ug/l	-			1	U	ug/l	-		
Trichloroethylene	1	U	ug/l	-			1	U	ug/l	-		
Trichlorofluoromethane	1	U	ug/l	-			1	U	ug/l	-		
Vinyl chloride	1	U	ug/l	-			1	U	ug/l	-		
EPA 602												
Benzene	1	U	ug/l	-			1	U	ug/l	-		
Toluene	1	U	ug/l	-			1	U	ug/l	-		
Ethylbenzene	1	U	ug/l	-			1	U	ug/l	-		
Xylenes (total)	4		ug/l	-			6.5		ug/l	-		
Methyl tert-butyl ether	10	U	ug/l	-			10	U	ug/l	-		
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	-			.02	U	ug/l	-		
PAH COMPOUNDS												
Acenaphthene	2.8	X	ug/l	10	U	ug/l	1	U	ug/l	10	U	ug/l
Acenaphthylene	3.6		ug/l	10	U	ug/l	18		ug/l	10		ug/l
Anthracene	.34	X	ug/l	2	U	ug/l	.2	U	ug/l	2	U	ug/l
Benzo(a)anthracene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	2	U	ug/l
Benzo(a)pyrene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	2	U	ug/l
Benzo(b)fluoranthene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	2	U	ug/l
Benzo(g,h,i)perylene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
Benzo(k)fluoranthene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	2	U	ug/l
Chrysene	.2	U	ug/l	2	U	ug/l	.2	U	ug/l	2	U	ug/l
Dibenzo(a,h)anthracene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
Fluoranthene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
Fluorene	7.6		ug/l	7.9		ug/l	2.9	X	ug/l	5.2		ug/l
Indeno(1,2,3-cd)pyrene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
1-Methylnaphthalene	69	E	ug/l	76	X	ug/l	73	EX	ug/l	71		ug/l
2-Methylnaphthalene	37	E	ug/l	42		ug/l	45	E	ug/l	51		ug/l

Naphthalene	12	X	ug/l	11	X	ug/l	30	EX	ug/l	33		ug/l
Phenanthrene	5	EX	ug/l	5.8	X	ug/l	2	X	ug/l	3.1	X	ug/l
Pyrene	.5	U	ug/l	5	U	ug/l	.5	U	ug/l	5	U	ug/l
LEAD												
Lead	.005	U	mg/l	-			.005	U	mg/l	-		
Flo Pro												
Petroleum Range Organics (Fl-P	1.1		mg/l	-			15		mg/l	-		
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	-			-			-			-		

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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	97030088-3			S775750-2			97040168-2			S775750-6		
Site	200			200			200			200		
Locator	064GM901/200 MW-9			064GM902/200 MW-9			064G1001/200 MW-10			064GM1002/200 MW-10		
Collect Date:	13-MAR-97			08-OCT-97			24-APR-97			08-OCT-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601												
Bromodichloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Bromoform	1	U	ug/l	5	U	ug/l	1	U	ug/l	-		
Bromomethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Carbon tetrachloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Chlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Chloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
2-Chloroethylvinyl ether	1	U	ug/l	10	U	ug/l	1	U	ug/l	-		
Chloroform	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Chloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Dibromochloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,2-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,3-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,4-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Dichlorodifluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,2-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1-Dichloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Cis/Trans-1,2-Dichloroethene	-			1	U	ug/l	-			-		
1,2-Dichloropropane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
cis-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
trans-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Methylene chloride	1	U	ug/l	5	U	ug/l	1	U	ug/l	-		
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Tetrachloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1,1-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
1,1,2-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Trichloroethylene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Trichlorofluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Vinyl chloride	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
EPA 602												
Benzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Toluene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Ethylbenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l	-		
Xylenes (total)	-			2	U	ug/l	-			-		
Methyl tert-butyl ether	5	U	ug/l	10	U	ug/l	5	U	ug/l	-		
EPA 504												
1,2-Dibromoethane (EDB)	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l	-		
PAH COMPOUNDS												
Acenaphthene	5	U	ug/l	10	U	ug/l	5	U	ug/l	10	U	ug/l
Acenaphthylene	5	U	ug/l	10	U	ug/l	5	U	ug/l	10	U	ug/l
Anthracene	5	U	ug/l	-			5	U	ug/l	-		
Benzo(a)anthracene	5	U	ug/l	-			5	U	ug/l	-		
Benzo(a)pyrene	5	U	ug/l	10	U	ug/l	5	U	ug/l	10	U	ug/l
Benzo(b)fluoranthene	5	U	ug/l	-			5	U	ug/l	-		
Benzo(g,h,i)perylene	5	U	ug/l	10	U	ug/l	5	U	ug/l	10	U	ug/l
Benzo(k)fluoranthene	5	U	ug/l	-			5	U	ug/l	-		
Chrysene	5	U	ug/l	-			5	U	ug/l	-		
Dibenzo(a,h)anthracene	5	U	ug/l	-			5	U	ug/l	-		
Fluoranthene	5	U	ug/l	10	U	ug/l	5	U	ug/l	10	U	ug/l
Fluorene	5	U	ug/l	10	U	ug/l	5	U	ug/l	10	U	ug/l
Indeno(1,2,3-cd)pyrene	5	U	ug/l	-			5	U	ug/l	-		
1-Methylnaphthalene	5	U	ug/l	10	U	ug/l	8		ug/l	17		ug/l
2-Methylnaphthalene	5	U	ug/l	10	U	ug/l	7		ug/l	21		ug/l

Naphthalene	5 U	ug/l	10 U	ug/l	5 U	ug/l	10 U	ug/l
Phenanthrene	5 U	ug/l	-		5 U	ug/l	-	
Pyrene	5 U	ug/l	10 U	ug/l	5 U	ug/l	10 U	ug/l
LEAD								
Lead	8	ug/l	.0084	mg/l	3 U	ug/l	.0093	mg/l
Flo Pro								
Petroleum Range Organics (Fl-P	-		.3 U	mg/l	-		-	
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	1 U	mg/l	-		1 U	mg/l	-	

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BUILDING 200
NTC ORLANDO, FLORIDA, MAIN BASE

Lab Sample Number:	S775800-3			97030088-4			S775750-3		
Site	200			200			200		
Locator	064GM1002/200 MW-10			064GD101/200 DW-1			064GD102/200 DW-1		
Collect Date:	09-OCT-97			13-MAR-97			08-OCT-97		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
EPA 601									
Bromodichloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
Bromoform	5	U	ug/l	1	U	ug/l	5	U	ug/l
Bromomethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
Carbon tetrachloride	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
2-Chloroethylvinyl ether	10	U	ug/l	1	U	ug/l	10	U	ug/l
Chloroform	1	U	ug/l	1	U	ug/l	1	U	ug/l
Chloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dibromochloromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,3-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,4-Dichlorobenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Dichlorodifluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,2-Dichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1-Dichloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cis/Trans-1,2-Dichloroethene	1	U	ug/l	-			1	U	ug/l
1,2-Dichloropropane	1	U	ug/l	1	U	ug/l	1	U	ug/l
cis-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l
trans-1,3-Dichloropropene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Methylene chloride	5	U	ug/l	1	U	ug/l	5	U	ug/l
1,1,2,2-Tetrachloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
Tetrachloroethene	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,1-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
1,1,2-Trichloroethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichloroethylene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Trichlorofluoromethane	1	U	ug/l	1	U	ug/l	1	U	ug/l
Vinyl chloride	1	U	ug/l	1	U	ug/l	1	U	ug/l
EPA 602									
Benzene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Toluene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Ethylbenzene	1	U	ug/l	1	U	ug/l	1	U	ug/l
Xylenes (total)	2	U	ug/l	-			2	U	ug/l
Methyl tert-butyl ether	10	U	ug/l	5	U	ug/l	10	U	ug/l
EPA 504									
1,2-Dibromoethane (EDB)	.02	U	ug/l	.02	U	ug/l	.02	U	ug/l
PAH COMPOUNDS									
Acenaphthene	-			5	U	ug/l	10	U	ug/l
Acenaphthylene	-			5	U	ug/l	10	U	ug/l
Anthracene	-			5	U	ug/l	-		
Benzo(a)anthracene	-			5	U	ug/l	-		
Benzo(a)pyrene	-			5	U	ug/l	10	U	ug/l
Benzo(b)fluoranthene	-			5	U	ug/l	-		
Benzo(g,h,i)perylene	-			5	U	ug/l	10	U	ug/l
Benzo(k)fluoranthene	-			5	U	ug/l	-		
Chrysene	-			5	U	ug/l	-		
Dibenzo(a,h)anthracene	-			5	U	ug/l	-		
Fluoranthene	-			5	U	ug/l	10	U	ug/l
Fluorene	-			5	U	ug/l	10	U	ug/l
Indeno(1,2,3-cd)pyrene	-			5	U	ug/l	-		
1-Methylnaphthalene	-			5	U	ug/l	10	U	ug/l
2-Methylnaphthalene	-			5	U	ug/l	10	U	ug/l

Naphthalene	-		5 U	ug/l	10 U	ug/l
Phenanthrene	-		5 U	ug/l	-	
Pyrene	-		5 U	ug/l	10 U	ug/l
LEAD						
Lead	-		6	ug/l	.0218	mg/l
Flo Pro						
Petroleum Range Organics (Fl-P	.5	mg/l	-		.3 U	mg/l
TOTAL PETROLEUM HYDROCARBON						
Total petroleum hydrocarbon	-		1 U	mg/l	-	

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&a605h5200V
&a605h5275V

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

[X] 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
[ ] 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
[ ] 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
[ ] 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
[ ] 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
[ ] 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
V.S.T. Bldg 200	2547-06	NE7531076

PROJECT LOC. (State): FL
SAMPLER(s) NAME: Patrick V. Craine
PHONE: (407) 895-8845
FAX: (407) 896-6150
CLIENT NAME: HLA
CLIENT PROJECT MANAGER: John Kaiser
CLIENT ADDRESS (CITY, STATE, ZIP): 1080 Woodcock RD #100, Orlando, FL

PAGE 1 OF 1

[X] STANDARD REPORT DELIVERY
[ ] EXPEDITED REPORT DELIVERY (surcharge)
Date Due

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	EPA 601/602 (HCl)	FL-PRO (HCl)	EPA 239.2 (Pb) (HNO3)	EPA 610 HALC (–)	EPA 504 EDB (HCl)	EPA 602 ONLY (HCl)						REMARKS
10-16-98	10:40		0646M206/200 MW-2	3	2	1	2	2							
10/16/98	12:35		0646M305/200 MW-3	3	2	1	2	2							
10/16/98	12:10		0646M605/200 MW-6	3	2	1	2	2							
10/16/98	13:30		0646M805/200 MW-8	3	2	1	2	2							
10/16/98	14:20		0646B104/200 RB-4	3	2	1	2	2							
			TRIP						3						

FedEx Airbill #804072661617 (2)
for SAT Delivery (PI-ON)
MPS# 9721570853

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	10/16/98	15:45						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
S. Campbell	10/17/98	1140	[X] YES [ ] NO		5886398	

ORIGINAL