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NTC ORLANDO
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SUMMARY OF SAMPLING ACTIVITIES AT OPERABLE UNIT 3 (OU 3) NTC ORLANDO FL
6/30/1999
TETRA TECH

TETRA TECH NUS, INC.
800 Oak Ridge Turnpi
(423) 483-9900

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99-A124

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June 30, 1999

Commanding Officer
SOUTHNAVFACENGCOM
ATTN: Ms. Barbara Nwokike, Code 1873
P.O. Box 190010
2155 Eagle Drive
North Charleston, SC 29419-9010

Subject: Monitor Well Sampling at OU3
Main Base, NTC, Orlando

Dear Ms. Nwokike:

Enclosed is a report describing the sampling activities performed at OU 3 in March 1999. Groundwater elevation contour maps and the results of the sample analyses are presented in the report. As mentioned in the presentation of the preliminary data at the April OPT meeting in Oak Ridge, we have the following observations:

- At SA 8, no herbicides were detected above Florida GCTLs.
- At both SAs 8 and 9, arsenic remained prevalent in groundwater.

If you have any questions regarding the report, please contact me at (423) 220-4730.

Sincerely,

Steven B. McCoy

Steven B. McCoy, P.E.
Task Order Manager

SBM:ckf

Enclosure

c: Mr. Wayne Hansel, SOUTHNAVFACENGCOM
Mr. David Grabka, FDEP
Ms. Nancy Rodriguez, USEPA Region IV
Mr. Allan Aikens, CH2M Hill
Mr. Rick Allen, Harding Lawson Associates
File/Edb

MONITOR WELL SAMPLING AT OPERABLE UNIT 3

Trip Dates: March 8–17, 1999

Site Name: Operable Unit 3: Study Areas 8 and 9
Main Base, Naval Training Center Orlando, Florida

TO Manager: Mr. Steve McCoy

Field Team: John Hofer, Field Team Leader

Prepared by: John Hofer

1. PURPOSE

Groundwater sampling at Operable Unit (OU) 3 (Study Areas 8 and 9) was conducted to determine 1) if soil removal activities conducted in 1997 (immediately prior to the last round of groundwater sampling in October 1997) had an impact on the groundwater quality at the sites, and 2) if constituent concentrations had decreased over time. The fieldwork was performed in accordance with the OU 3 Work Plan and Project Operations Plan (POP) prepared by ABB-ES (1997).

2. ACTIVITIES

Tetra Tech NUS, Inc. (Tetra Tech) mobilized to the field on March 8, 1999. The day of March 9 was spent receiving and setting up the equipment and materials required to perform the fieldwork. A total of 29 wells (six 2-in wells and twenty-three ½-in micro-wells) were scheduled for sampling. However, one micro-well, OLD-08-09, had been destroyed during a building demolition, thereby leaving 28 wells to be sampled. Access to several wells in the overgrown area along the Lake Baldwin shoreline had to be cleared by bush-hog (performed by Dease Trucking).

Groundwater levels were measured at SA 8 on March 14 and at SA 9 on March 16. Groundwater elevations for this field event and previous events are summarized in Tables 1 and 2 for SA 8 and 9, respectively.

Groundwater sampling was conducted March 10–16, 1999. All wells were purged using the low-flow method described in the POP. The purpose of the low-flow purging was to reduce turbidity, which could artificially raise the inorganic constituents. Purging of the micro-wells consisted of removing a minimum of three borehole volumes and stabilization of field parameters, which included temperature, pH, conductivity, turbidity, dissolved oxygen, and salinity. Eh was not measured because of limitations of the field equipment. A maximum of five volumes was purged prior to sampling. Purging of the 2-in. monitoring wells consisted of removal of groundwater at low flow so that drawdown of not more than 0.3 ft occurred in the well. Water levels in the 2-in wells were monitored every 3 to 5 minutes to ensure that drawdown was less than 0.3 ft. Groundwater was

removed until field parameters stabilized. If a well went dry, the well was allowed to recharge and the sample was then collected. Well OLD-08-14 purged to dryness and well OLD-09-04 would not maintain 100 ml/min without excessive drawdown. Groundwater sample log sheets are included in Attachment A.

The use of the low-flow purging method was effective in reducing the turbidity of the groundwater samples. Turbidity readings were less than 10 NTU in all but one sample (OLD-09-07). The turbidity in this well stabilized at 11 NTU.

Groundwater samples from SA 8 were analyzed for herbicides using Method 8151 and Target Analyte List (TAL) inorganics. Samples collected at SA 9 were analyzed for semi-volatile organic compounds (SVOCs) using Method 8270, pesticides using Method 8181, herbicides and TAL inorganics. All samples were placed in ice-cooled coolers and submitted to Accutest Laboratories in Orlando for analysis. The analytical results are summarized in Table 3, and a complete listing of the analytical data is included as Table 4.. Historical groundwater analytical data are presented in Table 5.

3. PROBLEMS ENCOUNTERED

Problems encountered during the sampling event included fire ant nests, locating two flush wells in the area of overgrowth on the north side of SA 8, accessing wells in the area of overgrowth at SA's 8 and 9, and severe weather on Sunday March 14. Fire ant nests prevented the collection of water level data in wells OLD-08-06 and OLD-08-16.

Wells OLD-08-10 and OLD-08-11 were located with the help of Mr. Bill Olson of Harding Lawson & Associates (HLA). Access to wells OLD-08-12, -13, -14, -15, OLD-09-15, and OLD-09-16 was accomplished by bush-hog mowing. All site activities were cancelled at 1230 on March 14 because of strong thunderstorms in the area.

4. RESULTS

Water Level Survey - Groundwater elevation data for SAs 8 and 9 are presented in Tables 1 and 2, and the water table configurations for the two sites are presented in Figures 1 and 2. Groundwater at SA 8 flows to the west toward Lake Baldwin. Groundwater at SA 9 shows divergent flow with groundwater north of the Trident Lane flowing to the northeast and groundwater toward the eastern portion of the site flowing to the southeast. These flow directions are consistent with those reported earlier (HLA, 1999).

The water level survey at SA 8 was conducted prior to a heavy rain on Sunday, March 14, whereas the survey at SA 9 was conducted on March 16, two days after the rain event. Two of the 2-in monitoring wells, OLD-09-03 and OLD-09-04, were not included in the water table contouring because they demonstrated apparently slow responses to the precipitation recharge (water levels approximately 0.5 ft lower than adjacent wells OLD-09-09

and OLD-09-11). OLD-09-04 had very slow recharge (less than 50 ml/min) during purging for sampling. Since OLD-09-04 and OLD-09-03 had similar water levels, a similar recharge rate is suspected for OLD-09-03. The other two 2-in monitoring wells (OLD-09-01 and OLD-09-02) responded at a similar rate as the micro-wells, and were included in the contouring. The two deep wells, OLD-09-13 and OLD-09-18, were not included.

The groundwater elevations in the two deep wells at SA 9 (OLD-09-13 and OLD-09-18) have fluctuated approximately 20 ft between surveys. For example, the elevation in OLD-09-13 was 91.93 ft in 11/97, 72.21 ft in 4/98, 92.33 ft in 5/98, and 72.27 ft in 3/99. These wells were installed by direct-push, therefore the lithology of the screened interval is unknown.

Analytical Results - Table 3 presents a summary of the groundwater analytical results for SAs 8 and 9. Shaded cells with bold print indicate concentrations above Florida Groundwater Cleanup Target Levels (GCTLs) and established background concentrations. The distribution of analytes detected above the GCTLs are shown on Figures 3 and 4 for SAs 8 and 9, respectively. No herbicides were detected above GCTLs at SA 8. At SA 9, naphthalene was detected above the GCTL in the sample from OLD-09-14, while 2,4-dichlorophenol exceeded the GCTL at OLD-09-12. Pesticides detected at concentrations above their respective GCTLs included α-BHC (OLD-09-12), and Lindane (OLD-09-11 and -12).

At SA 8, inorganic analytes detected above their respective GCTLs included arsenic, iron, lead, and manganese. Arsenic was detected at concentrations above its GCTL (50 µg/L) in 10 of 14 monitoring wells sampled at SA 8. Iron and manganese were each detected above their respective criteria of 300 µg/L and 50 µg/L in six wells at SA 8, and lead was detected in one well (OLD-08-14) above its GCTL of 15 µg/L.

At SA 9, inorganic analytes were detected at concentrations above their respective GCTLs in 7 of 14 wells. Arsenic was the most common analyte detected with five detections above the GCTL. Iron and manganese were also detected above their target levels in 4 wells and 3 wells, respectively.

FIGURES

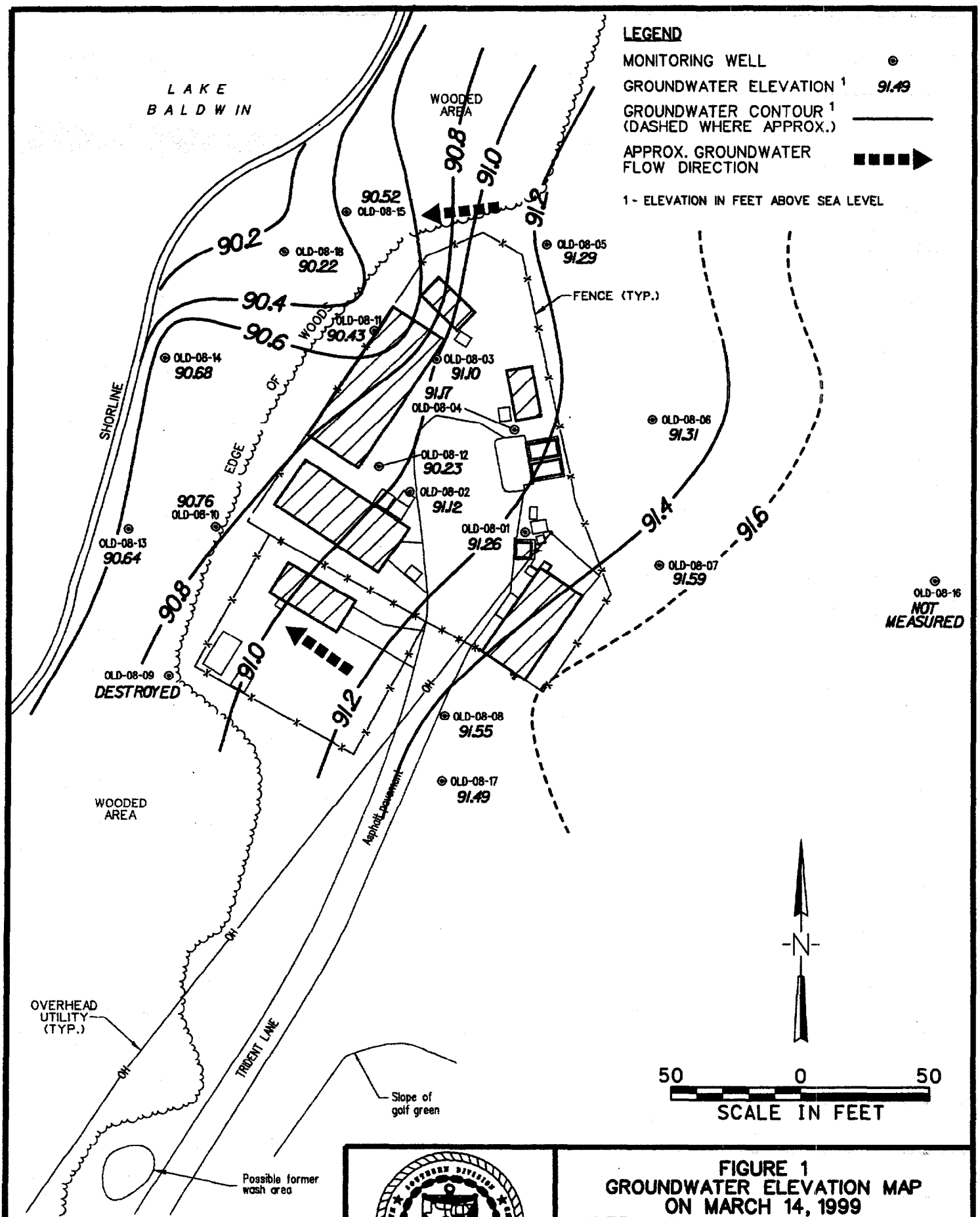
No.

1 Groundwater Elevation Map on March 14, 1999, Operable Unit 3 - Study Area 8

2 Groundwater Elevation Map on March 16, 1999, Operable Unit 3 - Study Area 9

3 Inorganic Concentrations Above Groundwater Screening Criteria for March 1999, Operable Unit 3 – Study Area 8

4 Organic and Inorganic Concentrations Above Groundwater Screening Criteria for March 1999, Operable Unit 3 – Study Area 9



NOTE:
WELL OLD-08-12 NOT INCLUDED IN CONTOURING.

FIGURE 1
GROUNDWATER ELEVATION MAP ON MARCH 14, 1999
OPERABLE UNIT 3 - STUDY AREA 8
GROUNDWATER MONITORING REPORT

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

n8-5x11v.dgn

CAD FILE NO./DATE: 7457M002.dgn/4-20-99

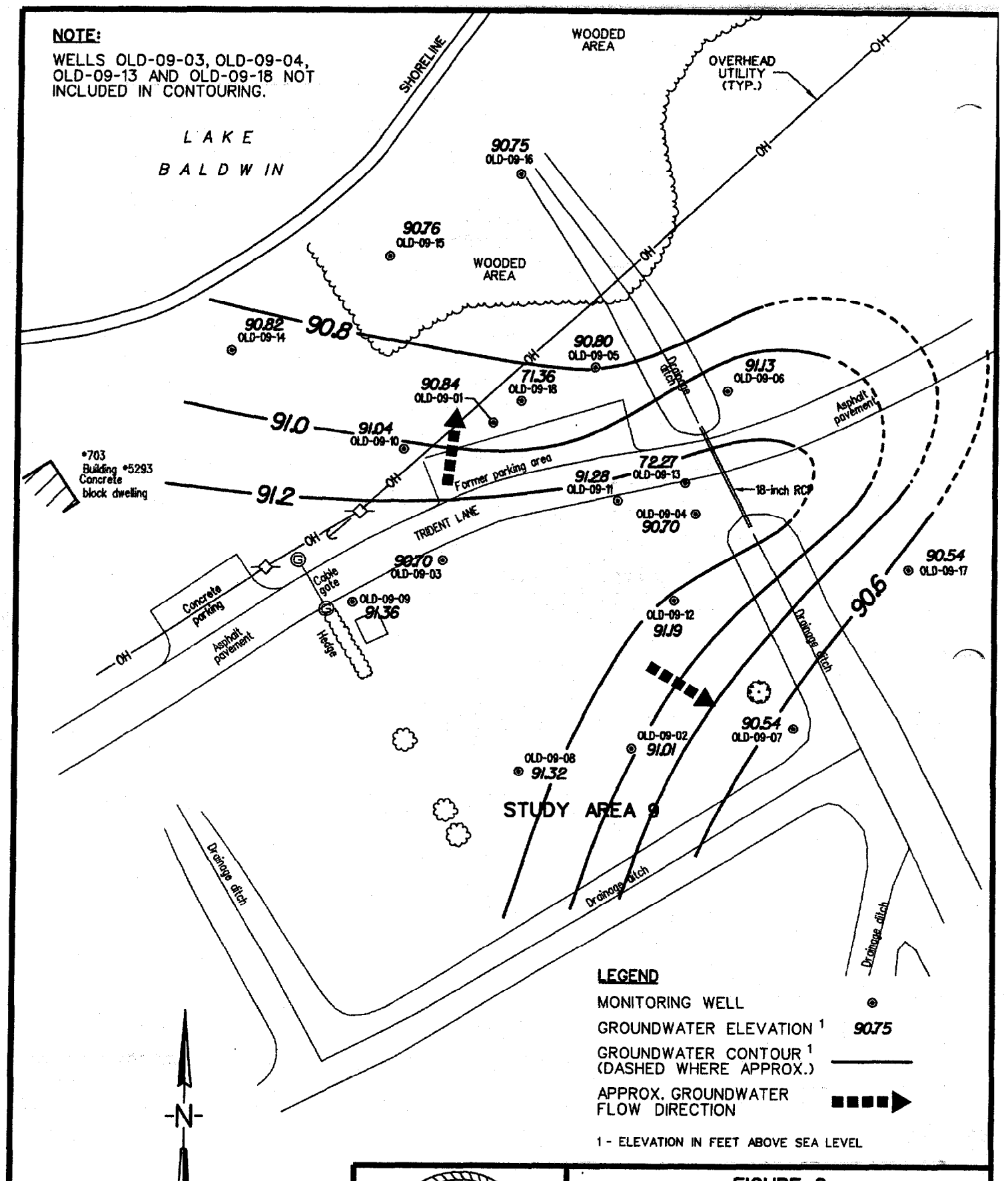


FIGURE 2
GROUNDWATER ELEVATION MAP ON MARCH 16, 1999
OPERABLE UNIT 3 - STUDY AREA 9
GROUNDWATER MONITORING REPORT

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

n8-5x11v.dgn

CAD FILE NO./DATE: 7457M001.dgn/4-19-99

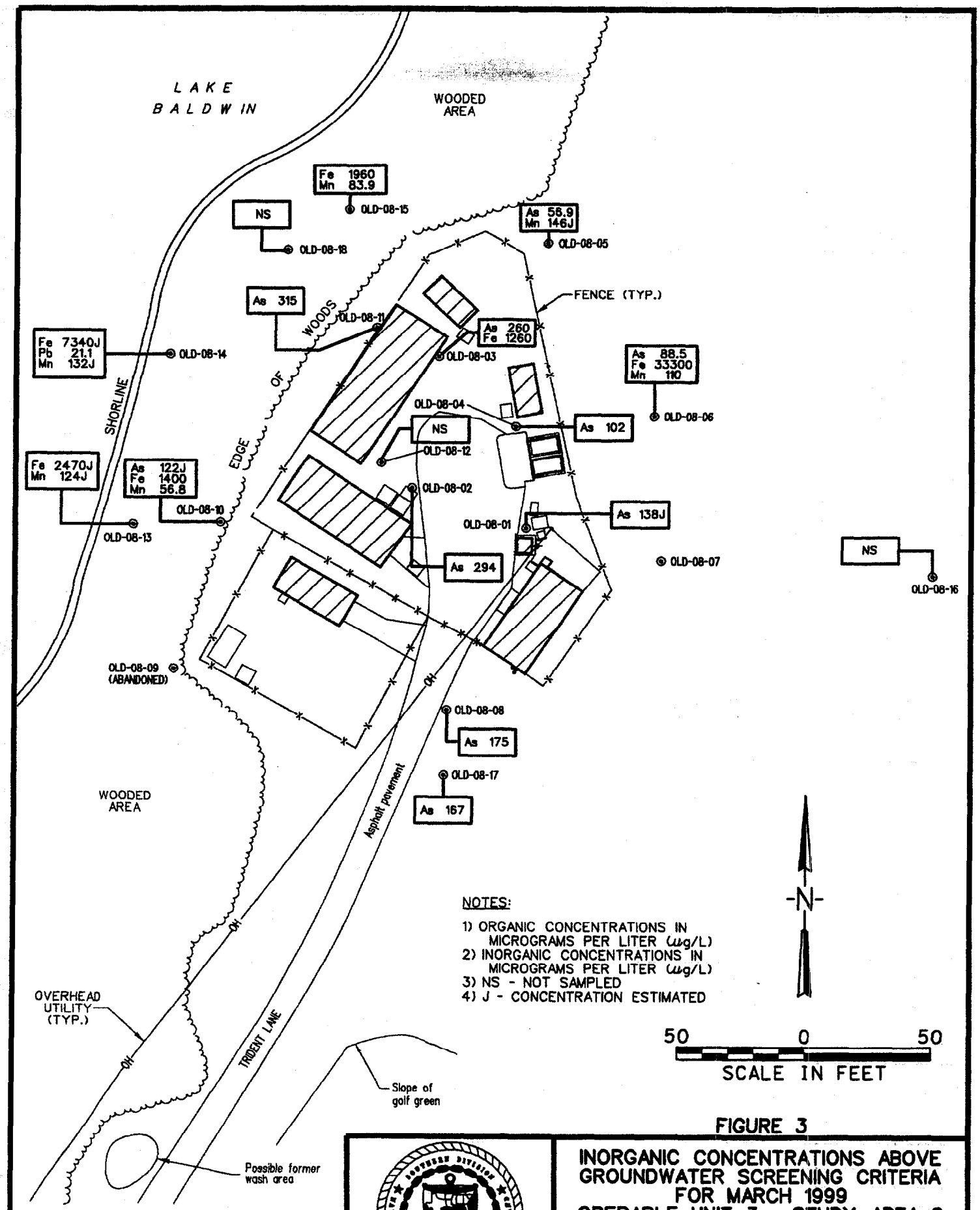


FIGURE 3

INORGANIC CONCENTRATIONS ABOVE GROUNDWATER SCREENING CRITERIA FOR MARCH 1999 OPERABLE UNIT 3 - STUDY AREA 8

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CAD FILE NO./DATE: 7457M003.dgn/6-28-99

n8-5x11v.dgn

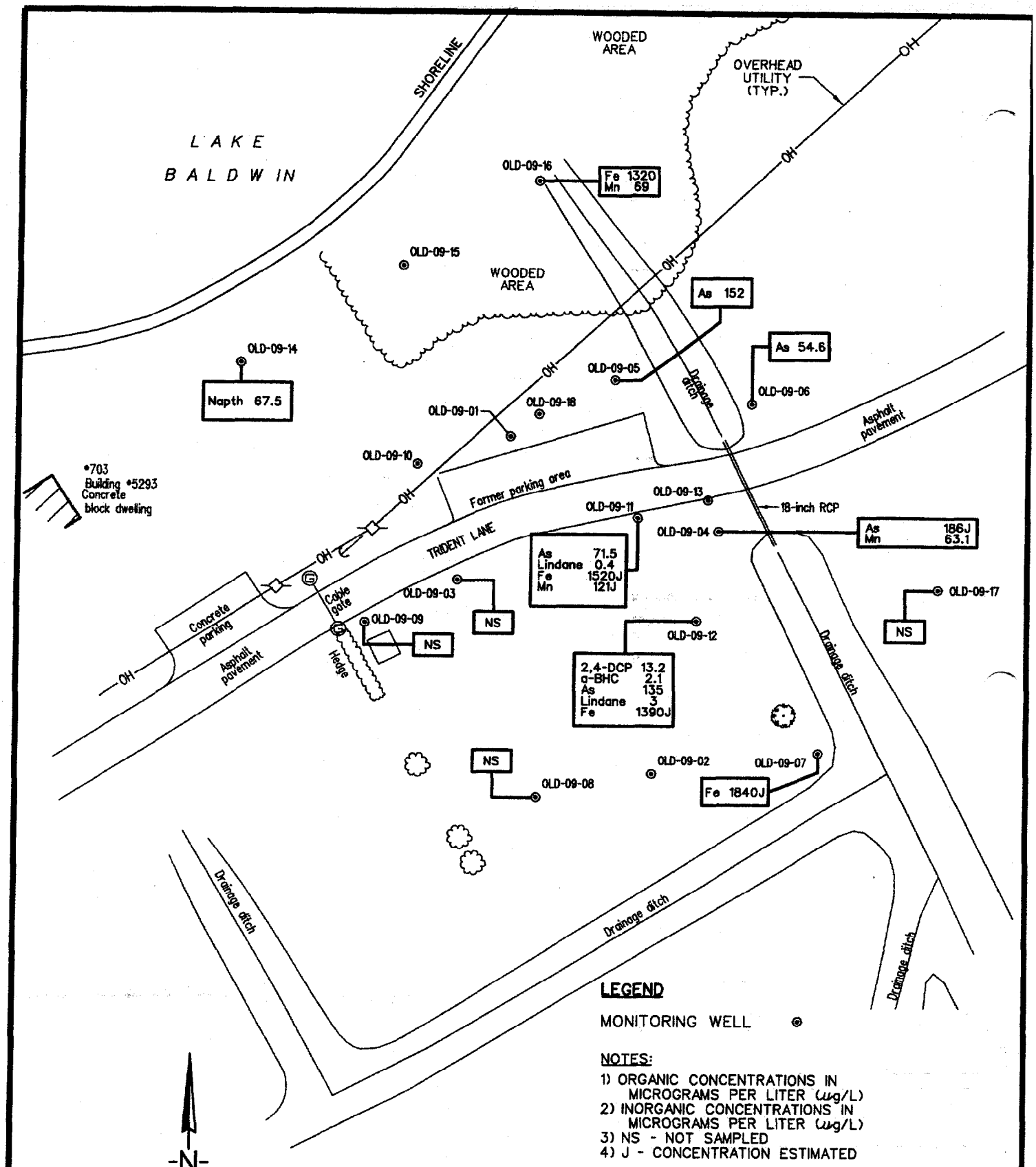


FIGURE 4

ORGANIC AND INORGANIC CONCENTRATIONS ABOVE GROUNDWAT SCREENING CRITERIA FOR MARCH 1999 OPERABLE UNIT 3 - STUDY AREA 9

NAVAL TRAINING CENTER ORLANDO, FLORIDA

n8-5x11v.dgn

CAD FILE NO./DATE: 7457M004.dgn/6-18-99

TABLES

No.

1 Water-Level Elevations Summary Operable Unit 3 – Study Area 8

2 Water-Level Elevations Summary Operable Unit 3 – Study Area 9

3 Summary of Groundwater Analytical Results Operable Unit 3, Study Areas 8 and 9

4 OU 3 Validated Groundwater Results

5 Historical Groundwater Analytical Results

TABLE 1

Water-Level Elevations Summary
Operable Unit 3 - Study Area 8

Naval Training Center, Orlando
Orlando, Florida

Well	Well Type	Top of Casing Elevation	11/97		4/27/98		5/13/98		03/14/99	
			Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)
OLD-08-01	2" well	94.96	1.74	93.22	2.36	92.60	2.65	92.31	3.70	91.26
OLD-08-02	2" well	94.77	1.85	92.92	2.47	92.30	2.74	92.03	3.65	91.12
OLD-08-03	2" well	94.31	1.61	92.70	2.34	91.97	2.65	91.66	3.21	91.10
OLD-08-04	2" well	94.62	1.58	93.04	2.19	92.43	2.45	92.17	3.45	91.17
OLD-08-05	Well Pt.	93.64	0.80	92.84	1.29	92.35	1.55	92.09	2.35	91.29
OLD-08-06	Well Pt.	95.06	1.56	93.50	2.15	92.91	2.46	92.60	3.75	91.31
OLD-08-07	Well Pt.	95.40	1.73	93.67	2.36	93.04	2.67	92.73	3.81	91.59
OLD-08-08	Well Pt.	95.22	1.73	93.49	2.33	92.89	2.64	92.58	3.67	91.55
OLD-08-09	Well Pt.	93.53	1.75	91.78	2.13	91.40	2.37	91.16	destroyed	
OLD-08-10	Well Pt.	93.07	1.28	91.79	1.61	91.46	1.84	91.23	2.31	90.76
OLD-08-11	Well Pt.	93.00	0.99	92.01	1.55	91.45	1.80	91.20	2.57	90.43
OLD-08-12	Well Pt.	94.50	not installed		NM	NM	NM	NM	4.27	90.23
OLD-08-13	Well Pt.	95.98	not installed		5.16	90.82	4.84	91.14	5.34	90.64
OLD-08-14	Well Pt.	97.12	not installed		5.86	91.26	6.03	91.09	6.44	90.68
OLD-08-15	Well Pt.	96.41	not installed		5.19	91.22	5.44	90.97	5.89	90.52
OLD-08-16	Well Pt.	96.34	not installed		3.05	93.29	3.42	92.92	NM	NM
OLD-08-17	Well Pt.	94.92	not installed		2.10	92.82	2.40	92.52	3.43	91.49
OLD-08-18	Well Pt.	95.32	not installed		5.18	90.14	4.33	90.99	5.10	90.22

BTOC - Below top of casing
AMSL - Above mean sea level
NM - Not measured
OLD-08-12 is a deep well.

TABLE 2

Water-Level Elevations Summary
Operable Unit 3 - Study Area 9

Naval Training Center
Orlando, Florida

Well	Well Type	Top of Casing Elevation	11/97		4/27/98		5/8/98		03/16/99	
			Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)
OLD-09-01	2" well	94.66	2.26	92.40	2.95	91.71	3.18	91.48	3.82	90.84
OLD-09-02	2" well	97.72	4.69	93.03	5.39	92.33	5.68	92.04	6.71	91.01
OLD-09-03	2" well	97.81	5.62	92.19	6.12	91.69	6.35	91.46	7.08	90.73
OLD-09-04	2" well	97.18	4.89	92.29	5.38	91.80	5.63	91.55	6.48	90.70
OLD-09-05	Well Pt.	94.16	1.84	92.32	2.52	91.64	2.72	91.44	3.36	90.80
OLD-09-06	Well Pt.	93.87	1.53	92.34	2.05	91.82	2.31	91.56	2.74	91.13
OLD-09-07	Well Pt.	95.69	2.63	93.06	4.26	91.43	4.46	91.23	5.15	90.54
OLD-09-08	Well Pt.	95.59	2.31	93.28	3.05	92.54	3.31	92.28	4.27	91.32
OLD-09-09	Well Pt.	95.17	2.17	93.00	2.80	92.37	3.05	92.12	3.81	91.36
OLD-09-10	Well Pt.	94.63	1.96	92.67	2.70	91.93	2.88	91.75	3.59	91.04
OLD-09-11	Well Pt.	95.05	2.28	92.77	2.90	92.15	3.12	91.93	3.77	91.28
OLD-09-12	Well Pt.	95.21	2.70	92.51	2.80	92.41	3.17	92.04	4.02	91.19
OLD-09-13	Well Pt.	94.91	2.98	91.93	22.70	72.21	2.58	92.33	22.64	72.27
OLD-09-14	Well Pt.	97.11	not installed		5.60	91.51	5.78	91.33	6.29	90.82
OLD-09-15	Well Pt.	96.62	not installed		5.23	91.39	5.34	91.28	5.86	90.76
OLD-09-16	Well Pt.	96.61	not installed		5.19	91.42	5.35	91.26	5.86	90.75
OLD-09-17	Well Pt.	95.00	not installed		3.59	91.41	3.79	91.21	4.46	90.54
OLD-09-18	Well Pt.	94.74	not installed		23.45	71.29	3.44	91.30	23.38	71.36

BTOC - Below top of casing
AMSL - Above mean sea level
NM - Not measured
OLD-09-13 and OLD-09-18 are deep wells.

TABLE 3

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC08G00110	NTC08G00110-	NTC08G00210	NTC08G00310	NTC08G00410
Lab ID	CRITERIA	BACKGROUND	F3846-7	F3846-11	F3841-4	F3841-6	F3841-5
Sample Date	ug/L	SCREENING	3/13/99	3/13/99	3/11/99	3/11/99	3/11/99
Semi-volatile Organics (ug/L)							
2,4-DICHLOROPHENOL	0.5						
NAPHTHALENE	20						
Pesticides/PCBs (ug/L)							
ALPHA-BHC	0.006						
ALPHA-CHLORDANE	2						
GAMMA-BHC (LINDANE)	0.2						
GAMMA-CHLORDANE	2						
Metals (mg/L)							
ALUMINUM	200	4067	199	235	207	168	240
ARSENIC	50	5	138J	128J	294	260	102
BARIUM	2000	31.4			21.5J	20.9J	
CALCIUM	NA	36830	35500	34500	62100	28600	21700
CHROMIUM	100	7.8	13.7	10.7			
COPPER	1000	5.4			2.1	3.3	5
IRON	300	1227			250	1260	
LEAD	15	4					
MAGNESIUM	NA	4560	2810	2920	2710	2440	2230
MANGANESE	50	17		5.8	13.1	19.6	19.8
NICKEL	100	NA	6.2	6.9	1.4	10	6.8
POTASSIUM	NA	5400	6200	5780	6710	6400	6430
SELENIUM	50	9.7					
SODIUM	160000	18222	3500	3620	6470	4290	4580
VANADIUM	49	20.6	13.6	11.8	0.5	0.77	2.1
ZINC	5000	4			47.1J	180J	195J

TABLE 3

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC08G00410-	NTC08G00510	NTC08G00610	NTC08G00710	NTC08G00810
Lab ID	CRITERIA	BACKGROUND	F3841-7	F3832-1	F3841-1	F3849-1	F3841-3
Sample Date	UG/L	SCREENING	3/11/99	3/10/99	3/11/99	3/15/99	3/11/99
Semi-volatile Organics (ug/L)							
2,4-DICHLOROPHENOL	0.5						
NAPHTHALENE	20						
Pesticides/PCBs (ug/L)							
ALPHA-BHC	0.006						
ALPHA-CHLORDANE	2						
GAMMA-BHC (LINDANE)	0.2						
GAMMA-CHLORDANE	2						
Metals (mg/L)							
ALUMINUM	200	4067	304	126	150		
ARSENIC	50	5	106	56.9	88.5	47.9	175
BARIUM	2000	31.4		17.8	27.8J		10.4J
CALCIUM	NA	36830	22900	19800	21000	26800J	58800
CHROMIUM	100	7.8		10.5	22		
COPPER	1000	5.4	37.6	2.3	13.3	8.6	7.1
IRON	300	1227	222		33300		
LEAD	15	4			13.2		
MAGNESIUM	NA	4560	2420	2640	2610	2750J	2620
MANGANESE	50	17	18.1	146J	110		3.4
NICKEL	100	NA	7.5	1.4	16.8		2.5
POTASSIUM	NA	5400	6750	5910J	5450	3140J	8780
SELENIUM	50	9.7					
SODIUM	160000	18222	5070	3850	4690	3930	5310
VANADIUM	49	20.6	2.4	0.43	0.53		0.96
ZINC	5000	4	337J	40.9	38.2J		42.1J

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC08G01010	NTC08G01110	NTC08G01310	NTC08G01410	NTC08G01510
Lab ID	CRITERIA	BACKGROUND	F3846-3	F3846-2	F3849-3	F3849-2	F3846-1
Sample Date	UG/L	SCREENING	3/12/99	3/12/99	3/15/99	3/15/99	3/12/99
Semi-volatile Organics (ug/L)							
2,4-DICHLOROPHENOL	0.5						
NAPHTHALENE	20						
Pesticides/PCBs (ug/L)							
ALPHA-BHC	0.006						
ALPHA-CHLORDANE	2						
GAMMA-BHC (LINDANE)	0.2						
GAMMA-CHLORDANE	2						
Metals (mg/L)							
ALUMINUM	200	4067	**409**	171	**527**	**1800**	**811**
ARSENIC	50	5	**122J**	**315J**	19	9.5	
BARIUM	2000	31.4		63.4J	76.4J	99.5J	
CALCIUM	NA	36830	17100	60000	9170J	12200J	5440
CHROMIUM	100	7.8					
COPPER	1000	5.4			23.1	17.5	
IRON	300	1227	**1400**		**2470J**	**7340J**	**1960**
LEAD	15	4			6.5	**21.1**	
MAGNESIUM	NA	4560	1970	4740	1770J	3190J	2810
MANGANESE	50	17	**56.8**	6.4	**124J**	**132J**	**83.9**
NICKEL	100	NA					
POTASSIUM	NA	5400	822	5130	848J	1240J	806
SELENIUM	50	9.7					
SODIUM	160000	18222	5910	7330	8490	15600	13200
VANADIUM	49	20.6					
ZINC	5000	4					

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06/28/99

TABLE 3

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC08G01710	NTC09G00110	NTC09G00210	NTC09G00410	NTC09G00510
Lab ID	CRITERIA	BACKGROUND	F3841-2	F3846-8	F3846-9	F3846-10	F3849-6
Sample Date	UG/L	SCREENING	3/11/99	3/13/99	3/13/99	3/13/99	3/15/99
Semi-volatile Organics (ug/L)							
2,4-DICHLOROPHENOL	0.5						
NAPHTHALENE	20					3.3J	
Pesticides/PCBs (ug/L)							
ALPHA-BHC	0.006						
ALPHA-CHLORDANE	2				0.34J		
GAMMA-BHC (LINDANE)	0.2						
GAMMA-CHLORDANE	2					0.43J	
Metals (mg/L)							
ALUMINUM	200	4067	88.1	102	**1810**	176	
ARSENIC	50	5	167	31.8J		186J	152
BARIUM	2000	31.4					
CALCIUM	NA	36830	38300	119000	7500	41600	62500J
CHROMIUM	100	7.8		15.3			
COPPER	1000	5.4	5.5				
IRON	300	1227				861	962J
LEAD	15	4					1.6
MAGNESIUM	NA	4560	2220	10200	1630	2020	5080J
MANGANESE	50	17	10.1	16.1		63.1	27.4J
NICKEL	100	NA	8	7.9			
POTASSIUM	NA	5400	7580	12200	2970	6680	12100J
SELENIUM	50	9.7			3.5		
SODIUM	160000	18222	6340	2000	2500	1700	3630
VANADIUM	49	20.6					
ZINC	5000	4	30.2J				

T. E 3

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC09G00510-	NTC09G00610	NTC09G00710	NTC09G01010	NTC09G01110
Lab ID	CRITERIA	BACKGROUND	F3849-7	F3854-1	F3854-4	F3849-5	F3854-5
Sample Date	UG/L	SCREENING	3/15/99	3/16/99	3/16/99	3/15/99	3/16/99
Semi-volatile Organics (ug/L)							
2,4-DICHLOROPHENOL	0.5						
NAPHTHALENE	20						
Pesticides/PCBs (ug/L)							
ALPHA-BHC	0.006						
ALPHA-CHLORDANE	2						
GAMMA-BHC (LINDANE)	0.2						0.4
GAMMA-CHLORDANE	2						
Metals (mg/L)							
ALUMINUM	200	4067		**797**	**1500**	**502**	
ARSENIC	50	5	**153**	**54.6**			**71.5**
BARIUM	2000	31.4					
CALCIUM	NA	36830	64300J	21000J	10200J	23900J	32100J
CHROMIUM	100	7.8					43.6
COPPER	1000	5.4					
IRON	300	1227	**966J**	**1120J**	**1840J**	**959J**	**1520J**
LEAD	15	4					
MAGNESIUM	NA	4560	5210J	2360J	1760J	2690J	2100J
MANGANESE	50	17	27.8J	39.6J	19.7J	18.5J	**121J**
NICKEL	100	NA					24.2
POTASSIUM	NA	5400	12000J	2820	2360	3000J	6230
SELENIUM	50	9.7					
SODIUM	160000	18222	3910	2740	3950	2880	2940
VANADIUM	49	20.6					
ZINC	5000	4					

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TABLE 3

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC09G01210	NTC09G01210-	NTC09G01310	NTC09G01410	NTC09G01510
Lab ID	CRITERIA	BACKGROUND	F3854-6	F3854-7	F3854-3	F3849-4	F3846-5
Sample Date	UG/L	SCREENING	3/16/99	3/16/99	3/16/99	3/15/99	3/13/99
Semi-volatile Organics (ug/L)							
2,4-DICHLOROPHENOL	0.5		13.2	13.3			
NAPHTHALENE	20		4.3J	3.7J		67.5	11.2
Pesticides/PCBs (ug/L)							
ALPHA-BHC	0.006		2.1	2.3			
ALPHA-CHLORDANE	2						
GAMMA-BHC (LINDANE)	0.2		3	3.2			
GAMMA-CHLORDANE	2						
Metals (mg/L)							
ALUMINUM	200	4067	1830	1340	536	448	470
ARSENIC	50	5	135	136			
BARIUM	2000	31.4					
CALCIUM	NA	36830	15700J	15700J		12900J	
CHROMIUM	100	7.8					
COPPER	1000	5.4					
IRON	300	1227	1390J	786J	471J		
LEAD	15	4				1.6	
MAGNESIUM	NA	4560	2340J	2340J	882J	1230J	807
MANGANESE	50	17	19J	20.9J	29.4J	27.6J	9.7
NICKEL	100	NA					
POTASSIUM	NA	5400	11100	11400			
SELENIUM	50	9.7					
SODIUM	160000	18222	2560	2510	7400	5050	6970
VANADIUM	49	20.6					
ZINC	5000	4					

TABLE 3

Summary of Groundwater Analytical Results
Operable Unit 3
Study Areas 8 and 9

Naval Training Center, Orlando
Orlando, FL

Sample ID	GCTL (a)	NTC	NTC09G01610	NTC09G01810
Lab ID	CRITERIA	BACKGROUND	F3846-6	F3854-2
Sample Date	UG/L	SCREENING	3/13/99	3/16/99
Semi-volatile Organics (ug/L)				
2,4-DICHLOROPHENOL	0.5			
NAPHTHALENE	20			
Pesticides/PCBs (ug/L)				
ALPHA-BHC	0.006			
ALPHA-CHLORDANE	2			
GAMMA-BHC (LINDANE)	0.2			
GAMMA-CHLORDANE	2			
Metals (mg/L)				
ALUMINUM	200	4067	**443**	**2180**
ARSENIC	50	5		
BARIUM	2000	31.4		
CALCIUM	NA	36830	5740	
CHROMIUM	100	7.8		
COPPER	1000	5.4		
IRON	300	1227	**1320**	**753J**
LEAD	15	4		
MAGNESIUM	NA	4560	750	997J
MANGANESE	50	17	**69**	
NICKEL	100	NA		
POTASSIUM	NA	5400	584	
SELENIUM	50	9.7		
SODIUM	160000	18222	9040	7670
VANADIUM	49	20.6		
ZINC	5000	4		

Footnotes:

PCB - Poly-chlorinated byphenol
BHC - Benzene hexochloride (also known as Hexachlorocyclohexane, alpha)
GCTL - Groundwater Cleanup Target Level
J - Estimated concentration
(a) - GCTL from Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-785, F.A.C. (1998)
Bold only - Exceeds GCTL but below background concentrations
Bold and shaded - Exceeds GCTL and the background concentration

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC08G00110	NTC08G00110-D	NTC08G00210	NTC08G00310	NTC08G00410	NTC08G00410-D	NTC08G00510	NTC08G00610	NTC08G00710
LAB ID NUMBER	F3846-7	F3846-11	F3841-4	F3841-6	F3841-5	F3841-7	F3832-1	F3841-1	F3849-1
DATE SAMPLED	3/13/99	3/13/99	3/11/99	3/11/99	3/11/99	3/11/99	3/10/99	3/11/99	3/15/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE									
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE									
ACENAPHTHYLENE									
ANTHRACENE									
BENZO(A)ANTHRACENE									
BENZO(A)PYRENE									
BENZO(B)FLUORANTHENE									
BENZO(G,H,I)PERYLENE									
BENZO(K)FLUORANTHENE									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL) ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYLBENZYL PHTHALATE									
CARBAZOLE									
CHRYSENE									

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC08G00110	NTC08G00110-D	NTC08G00210	NTC08G00310	NTC08G00410	NTC08G00410-D	NTC08G00510	NTC08G00610	NTC08G00710
LAB ID NUMBER	F3846-7	F3846-11	F3841-4	F3841-6	F3841-5	F3841-7	F3832-1	F3841-1	F3849-1
DATE SAMPLED	3/13/99	3/13/99	3/11/99	3/11/99	3/11/99	3/11/99	3/10/99	3/11/99	3/15/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
DIBENZO(A,H)ANTHRACENE									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
FLUORANTHENE									
FLUORENE									
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE									
ISOPHORONE									
N-NITROSO-DI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
NAPHTHALENE									
NITROBENZENE									
PHENANTHRENE									
PHENOL									
PYRENE									
PESTICIDES									
4,4'-DDD									
4,4'-DDE									
4,4'-DDT									
ALDRIN									
ALPHA-BHC									
ALPHA-CHLORDANE									
BETA-BHC									
DELTA-BHC									
DIELDRIN									
ENDOSULFAN I									
ENDOSULFAN II									
ENDOSULFAN SULFATE									
ENDRIN									
ENDRIN ALDEHYDE									
ENDRIN KETONE									
GAMMA-BHC (LINDANE)									
GAMMA-CHLORDANE									
HEPTACHLOR									
HEPTACHLOR EPOXIDE									
METHOXYCHLOR									
TOXAPHENE									

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC08G00110	NTC08G00110-D	NTC08G00210	NTC08G00310	NTC08G00410	NTC08G00410-D	NTC08G00510	NTC08G00610	NTC08G00710
LAB ID NUMBER	F3846-7	F3846-11	F3841-4	F3841-6	F3841-5	F3841-7	F3832-1	F3841-1	F3849-1
DATE SAMPLED	3/13/99	3/13/99	3/11/99	3/11/99	3/11/99	3/11/99	3/10/99	3/11/99	3/15/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
HERBICIDES									
2,4,5-T	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.1 U ug/L	0.10 U ug/L	0.1 U ug/L
2,4,5-TP (SILVEX)	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.1 U ug/L	0.10 U ug/L	0.1 U ug/L
2,4-D	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.5 U ug/L	0.50 U ug/L	0.5 U ug/L
2,4-DB	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.5 U ug/L	0.50 U ug/L	0.5 U ug/L
DALAPON	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.1 U ug/L	0.10 U ug/L	0.1 U ug/L
DICAMBA	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.1 U ug/L	0.10 U ug/L	0.1 U ug/L
DICHLOROPROP	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.5 U ug/L	0.50 U ug/L	0.5 U ug/L
DINOSEB	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.5 U ug/L	0.50 U ug/L	0.5 U ug/L
MCPA	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L
MCPP	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L
PENTACHLOROPHENOL	0.05 U ug/L	0.05 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.05 U ug/L	0.050 U ug/L	0.05 U ug/L
METALS									
ALUMINUM	199 ug/L	235 ug/L	207 ug/L	168 ug/L	240 ug/L	304 ug/L	126 ug/L	150 ug/L	97.5 U ug/L
ANTIMONY	5.6 U ug/L	8.6 U ug/L	3.3 U ug/L	4.7 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L
ARSENIC	138 J ug/L	128 J ug/L	294 ug/L	260 ug/L	102 ug/L	106 ug/L	56.9 ug/L	88.5 ug/L	47.9 ug/L
BARIUM	7.9 U ug/L	9.5 U ug/L	21.5 J ug/L	20.9 J ug/L	6.3 U ug/L	6.3 U ug/L	17.8 ug/L	27.8 J ug/L	8.6 U ug/L
BERYLLIUM	0.36 U ug/L	0.41 U ug/L	1.3 U ug/L	1.3 U ug/L	1.3 U ug/L	1.3 U ug/L	0.95 U ug/L	1.4 U ug/L	1.2 U ug/L
CADMIUM	0.20 U ug/L	0.63 U ug/L	0.20 U ug/L	0.38 U ug/L	0.33 U ug/L	0.43 U ug/L	0.28 U ug/L	0.20 U ug/L	0.51 U ug/L
CALCIUM	35500 ug/L	34500 ug/L	62100 ug/L	28600 ug/L	21700 ug/L	22900 ug/L	19800 ug/L	21000 ug/L	26800 J ug/L
CHROMIUM	13.7 ug/L	10.7 ug/L	3.2 U ug/L	4.3 U ug/L	3.9 U ug/L	4.0 U ug/L	10.5 ug/L	22.0 ug/L	3.7 U ug/L
COBALT	0.40 U ug/L	0.40 U ug/L	0.40 U ug/L	0.74 U ug/L	0.40 U ug/L	0.63 U ug/L	0.65 U ug/L	2.9 U ug/L	0.40 U ug/L
COPPER	4.1 U ug/L	5.0 U ug/L	2.1 ug/L	3.3 ug/L	5.0 ug/L	37.6 ug/L	2.3 ug/L	13.3 ug/L	8.6 ug/L
IRON	311 U ug/L	451 U ug/L	250 ug/L	1260 ug/L	71.2 U ug/L	222 ug/L	144 U ug/L	33300 ug/L	287 U ug/L
LEAD	1.4 U ug/L	1.9 U ug/L	1.8 U ug/L	1.7 U ug/L	1.4 U ug/L	1.4 U ug/L	1.4 U ug/L	13.2 ug/L	1.4 U ug/L
MAGNESIUM	2810 ug/L	2920 ug/L	3710 ug/L	2440 ug/L	2230 ug/L	2420 ug/L	2640 ug/L	2610 ug/L	2750 J ug/L
MANGANESE	3.2 U ug/L	5.8 ug/L	13.1 ug/L	19.6 ug/L	19.8 ug/L	18.1 ug/L	146 J ug/L	110 ug/L	8.3 U ug/L
MERCURY	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L
NICKEL	6.2 ug/L	6.9 ug/L	1.4 ug/L	10.0 ug/L	6.8 ug/L	7.5 ug/L	1.4 ug/L	16.8 ug/L	4.0 U ug/L
POTASSIUM	6200 ug/L	5780 ug/L	6710 ug/L	6400 ug/L	6430 ug/L	6750 ug/L	5910 J ug/L	5450 ug/L	3140 J ug/L
SELENIUM	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L
SILVER	0.80 U ug/L	0.80 U ug/L	1.5 U ug/L	0.80 U ug/L	1.2 U ug/L	1.0 U ug/L	0.80 U ug/L	1.0 U ug/L	1.0 U ug/L
SODIUM	3500 ug/L	3620 ug/L	6470 ug/L	4290 ug/L	4580 ug/L	5070 ug/L	3850 ug/L	4690 ug/L	3930 ug/L
THALLIUM	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	5.2 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L
VANADIUM	13.6 ug/L	11.8 ug/L	0.50 ug/L	0.77 ug/L	2.1 ug/L	2.4 ug/L	0.43 ug/L	0.53 ug/L	0.82 U ug/L
ZINC	61.6 U ug/L	68.9 U ug/L	47.1 J ug/L	180 J ug/L	295 J ug/L	337 J ug/L	40.9 J ug/L	38.2 J ug/L	47.8 U ug/L

TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC08G00810	NTC08G01010	NTC08G01110	NTC08G01310	NTC08G01410	NTC08G01510	NTC08G01710	NTC09G00110	NTC09G00210
LAB ID NUMBER	F3841-3	F3846-3	F3846-2	F3849-3	F3849-2	F3846-1	F3841-2	F3846-8	F3846-9
DATE SAMPLED	3/11/99	3/12/99	3/12/99	3/15/99	3/15/99	3/12/99	3/11/99	3/13/99	3/13/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES									
1,2,4-TRICHLOROBENZENE								5 U ug/L	5 U ug/L
1,2-DICHLOROBENZENE								5 U ug/L	5 U ug/L
1,3-DICHLOROBENZENE								5 U ug/L	5 U ug/L
1,4-DICHLOROBENZENE								5 U ug/L	5 U ug/L
2,4,5-TRICHLOROPHENOL								4 U ug/L	4 U ug/L
2,4,6-TRICHLOROPHENOL								4 U ug/L	4 U ug/L
2,4-DICHLOROPHENOL								4 U ug/L	4 U ug/L
2,4-DIMETHYLPHENOL								10 U ug/L	10 U ug/L
2,4-DINITROPHENOL								25 U ug/L	25 U ug/L
2,4-DINITROTOLUENE								0.2 U ug/L	0.2 U ug/L
2,6-DINITROTOLUENE								0.2 U ug/L	0.2 U ug/L
2-CHLORONAPHTHALENE								5 U ug/L	5 U ug/L
2-CHLOROPHENOL								5 U ug/L	5 U ug/L
2-METHYLNAPHTHALENE								5 U ug/L	5 U ug/L
2-METHYLPHENOL								5 U ug/L	5 U ug/L
2-NITROANILINE								5 U ug/L	5 U ug/L
2-NITROPHENOL								5 U ug/L	5 U ug/L
3,3'-DICHLOROBENZIDINE								5 U ug/L	5 U ug/L
3-NITROANILINE								5 U ug/L	5 U ug/L
4,6-DINITRO-2-METHYLPHENOL								25 U ug/L	25 U ug/L
4-BROMOPHENYL PHENYL ETHER								5 U ug/L	5 U ug/L
4-CHLORO-3-METHYLPHENOL								5 U ug/L	5 U ug/L
4-CHLOROANILINE								5 U ug/L	5 U ug/L
4-CHLOROPHENYL PHENYL ETHER								5 U ug/L	5 U ug/L
4-METHYLPHENOL								5 U ug/L	5 U ug/L
4-NITROANILINE								5 U ug/L	5 U ug/L
4-NITROPHENOL								15 U ug/L	15 U ug/L
ACENAPHTHENE								5 U ug/L	5 U ug/L
ACENAPHTHYLENE								5 U ug/L	5 U ug/L
ANTHRACENE								5 U ug/L	5 U ug/L
BENZO(A)ANTHRACENE								0.2 U ug/L	0.2 U ug/L
BENZO(A)PYRENE								0.2 U ug/L	0.2 U ug/L
BENZO(B)FLUORANTHENE								0.2 U ug/L	0.2 U ug/L
BENZO(G,H,I)PERYLENE								5 U ug/L	5 U ug/L
BENZO(K)FLUORANTHENE								0.2 U ug/L	0.2 U ug/L
BIS(2-CHLOROETHOXY)METHANE								5 U ug/L	5 U ug/L
BIS(2-CHLOROETHYL)ETHER								1.5 U ug/L	1.5 U ug/L
BIS(2-CHLOROISOPROPYL) ETHER								5 U ug/L	5 U ug/L
BIS(2-ETHYLHEXYL)PHTHALATE								5 U ug/L	5 U ug/L
BUTYLBENZYL PHTHALATE								5 U ug/L	5 U ug/L
CARBAZOLE								5 U ug/L	5 U ug/L
CHRYSENE								5 U ug/L	5 U ug/L

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC08G00810	NTC08G01010	NTC08G01110	NTC08G01310	NTC08G01410	NTC08G01510	NTC08G01710	NTC09G00110	NTC09G00210
LAB ID NUMBER	F3841-3	F3846-3	F3846-2	F3849-3	F3849-2	F3846-1	F3841-2	F3846-8	F3846-9
DATE SAMPLED	3/11/99	3/12/99	3/12/99	3/15/99	3/15/99	3/12/99	3/11/99	3/13/99	3/13/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DI-N-BUTYL PHTHALATE								5 U ug/L	5 U ug/L
DI-N-OCTYL PHTHALATE								5 U ug/L	5 U ug/L
DIBENZO(A,H)ANTHRACENE								0.2 U ug/L	0.2 U ug/L
DIBENZOFURAN								5 U ug/L	5 U ug/L
DIETHYL PHTHALATE								5 U ug/L	5 U ug/L
DIMETHYL PHTHALATE								5 U ug/L	5 U ug/L
FLUORANTHENE								5 U ug/L	5 U ug/L
FLUORENE								5 U ug/L	5 U ug/L
HEXACHLOROBENZENE								1 U ug/L	1 U ug/L
HEXACHLOROBUTADIENE								5 U ug/L	5 U ug/L
HEXACHLOROCYCLOPENTADIENE								5 U ug/L	5 U ug/L
HEXACHLOROETHANE								5 U ug/L	5 U ug/L
INDENO(1,2,3-CD)PYRENE								0.2 U ug/L	0.2 U ug/L
ISOPHORONE								5 U ug/L	5 U ug/L
N-NITROSO-DI-N-PROPYLAMINE								1 U ug/L	1 U ug/L
N-NITROSODIPHENYLAMINE								5 U ug/L	5 U ug/L
NAPHTHALENE								5 U ug/L	5 U ug/L
NITROBENZENE								5 U ug/L	5 U ug/L
PHENANTHRENE								5 U ug/L	5 U ug/L
PHENOL								5 U ug/L	5 U ug/L
PYRENE								5 U ug/L	5 U ug/L
PESTICIDES									
4,4'-DDD								0.10 U ug/L	0.10 U ug/L
4,4'-DDE								0.10 U ug/L	0.10 U ug/L
4,4'-DDT								0.10 U ug/L	0.10 U ug/L
ALDRIN								0.050 U ug/L	0.050 U ug/L
ALPHA-BHC								0.050 U ug/L	0.050 U ug/L
ALPHA-CHLORDANE								0.10 U ug/L	0.10 U ug/L
BETA-BHC								0.10 U ug/L	0.10 U ug/L
DELTA-BHC								0.050 U ug/L	0.050 U ug/L
DIELDRIN								0.10 U ug/L	0.10 U ug/L
ENDOSULFAN I								0.050 U ug/L	0.050 U ug/L
ENDOSULFAN II								0.10 U ug/L	0.10 U ug/L
ENDOSULFAN SULFATE								0.10 U ug/L	0.10 U ug/L
ENDRIN								0.10 U ug/L	0.10 U ug/L
ENDRIN ALDEHYDE								0.10 U ug/L	0.10 U ug/L
ENDRIN KETONE								0.10 U ug/L	0.10 U ug/L
GAMMA-BHC (LINDANE)								0.050 U ug/L	0.050 U ug/L
GAMMA-CHLORDANE								0.10 U ug/L	0.10 U ug/L
HEPTACHLOR								0.050 U ug/L	0.050 U ug/L
HEPTACHLOR EPOXIDE								0.050 U ug/L	0.050 U ug/L
METHOXYCHLOR								0.50 U ug/L	0.50 U ug/L
TOXAPHENE								2.5 U ug/L	2.5 U ug/L

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC08G00810	NTC08G01010	NTC08G01110	NTC08G01310	NTC08G01410	NTC08G01510	NTC08G01710	NTC09G00110	NTC09G00210
LAB ID NUMBER	F3841-3	F3846-3	F3846-2	F3849-3	F3849-2	F3846-1	F3841-2	F3846-8	F3846-9
DATE SAMPLED	3/11/99	3/12/99	3/12/99	3/15/99	3/15/99	3/12/99	3/11/99	3/13/99	3/13/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
HERBICIDES									
2,4,5-T	0.10 U ug/L	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.2 U ug/L	0.2 U ug/L
2,4,5-TP (SILVEX)	0.10 U ug/L	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.2 U ug/L	0.2 U ug/L
2,4-D	0.50 U ug/L	0.51 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	1 U ug/L	1 U ug/L
2,4-DB	0.50 U ug/L	0.51 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	1 U ug/L	1 U ug/L
DALAPON	0.10 U ug/L	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.2 U ug/L	0.2 U ug/L
DICAMBA	0.10 U ug/L	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.10 U ug/L	0.2 U ug/L	0.2 U ug/L
DICHLOROPROP	0.50 U ug/L	0.51 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	1 U ug/L	1 U ug/L
DINOSEB	0.50 U ug/L	0.51 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.50 U ug/L	1 U ug/L	1 U ug/L
MCPA	50 U ug/L	51 U ug/L	50 U ug/L	100 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	100 U ug/L	100 U ug/L
MCPP	50 U ug/L	51 U ug/L	50 U ug/L	100 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	100 U ug/L	100 U ug/L
PENTACHLOROPHENOL	0.050 U ug/L	0.051 U ug/L	0.05 U ug/L	0.1 U ug/L	0.05 U ug/L	0.05 U ug/L	0.050 U ug/L	0.1 U ug/L	0.1 U ug/L
METALS									
ALUMINUM	67.5 U ug/L	409 ug/L	171 ug/L	527 ug/L	1800 ug/L	811 ug/L	88.1 ug/L	102 ug/L	1810 ug/L
ANTIMONY	14.0 U ug/L	4.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.4 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L
ARSENIC	175 ug/L	122 J ug/L	315 J ug/L	19.0 ug/L	9.5 ug/L	3.4 U ug/L	167 ug/L	31.8 J ug/L	2.7 UJ ug/L
BARIUM	10.4 J ug/L	19.6 U ug/L	63.4 J ug/L	76.4 J ug/L	99.5 J ug/L	26.0 U ug/L	2.6 U ug/L	30.2 U ug/L	10.1 U ug/L
BERYLLIUM	1.3 U ug/L	1.4 U ug/L	1.4 U ug/L	1.2 U ug/L	1.3 U ug/L	1.4 U ug/L	1.3 U ug/L	0.37 U ug/L	0.34 U ug/L
CADMIUM	0.46 U ug/L	0.20 U ug/L	0.29 U ug/L	0.20 U ug/L	0.48 U ug/L	0.20 U ug/L	0.20 U ug/L	0.20 U ug/L	0.20 U ug/L
CALCIUM	58800 ug/L	17100 ug/L	60000 ug/L	9170 J ug/L	12200 J ug/L	5440 ug/L	38300 ug/L	119000 ug/L	7500 ug/L
CHROMIUM	3.1 U ug/L	1.9 U ug/L	2.8 U ug/L	6.5 U ug/L	5.7 U ug/L	1.8 U ug/L	7.3 U ug/L	15.3 ug/L	3.9 U ug/L
COBALT	0.40 U ug/L	0.55 U ug/L	0.48 U ug/L	0.63 U ug/L	0.75 U ug/L	0.99 U ug/L	0.44 U ug/L	0.40 U ug/L	0.45 U ug/L
COPPER	7.1 ug/L	1.5 U ug/L	1.8 U ug/L	23.1 ug/L	17.5 ug/L	4.1 U ug/L	5.5 ug/L	1.8 U ug/L	2.8 U ug/L
IRON	111 U ug/L	1400 ug/L	140 U ug/L	2470 J ug/L	7340 J ug/L	1960 ug/L	124 U ug/L	601 U ug/L	617 U ug/L
LEAD	1.8 U ug/L	1.4 U ug/L	2.8 U ug/L	6.5 ug/L	21.1 ug/L	1.4 U ug/L	1.6 U ug/L	1.4 U ug/L	3.0 U ug/L
MAGNESIUM	2620 ug/L	1970 ug/L	4740 ug/L	1770 J ug/L	3190 J ug/L	2810 ug/L	2220 ug/L	10200 ug/L	1630 ug/L
MANGANESE	3.4 ug/L	56.8 ug/L	6.4 ug/L	124 J ug/L	132 J ug/L	83.9 ug/L	10.1 ug/L	16.1 ug/L	2.1 U ug/L
MERCURY	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L
NICKEL	2.5 ug/L	0.90 U ug/L	0.90 U ug/L	2.6 U ug/L	6.2 U ug/L	1.9 U ug/L	8.0 ug/L	7.9 ug/L	1.7 U ug/L
POTASSIUM	8780 ug/L	822 ug/L	5130 ug/L	848 J ug/L	1240 J ug/L	806 ug/L	7580 ug/L	12200 ug/L	2970 ug/L
SELENIUM	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.5 ug/L
SILVER	1.3 U ug/L	0.89 U ug/L	0.80 U ug/L	1.3 U ug/L	1.4 U ug/L	1.2 U ug/L	1.1 U ug/L	0.80 U ug/L	0.97 U ug/L
SODIUM	5310 ug/L	5910 ug/L	7330 ug/L	8490 ug/L	15600 ug/L	13200 ug/L	6340 ug/L	2000 ug/L	2500 ug/L
THALLIUM	4.1 U ug/L	7.2 U ug/L	4.7 U ug/L	4.1 U ug/L	4.1 U ug/L	5.2 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L
VANADIUM	0.96 ug/L	1.6 U ug/L	0.42 U ug/L	1.3 U ug/L	3.3 U ug/L	1.6 U ug/L	0.40 U ug/L	1.1 U ug/L	1.5 U ug/L
ZINC	42.1 J ug/L	32.9 U ug/L	36.6 U ug/L	41.6 U ug/L	75.8 U ug/L	29.6 U ug/L	30.2 J ug/L	39.3 U ug/L	33.2 U ug/L

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC09G00410	NTC09G00510	NTC09G00510-D	NTC09G00610	NTC09G00710	NTC09G01010	NTC09G01110	NTC09G01210	NTC09G01210-D
LAB ID NUMBER	F3846-10	F3849-6	F3849-7	F3854-1	F3854-4	F3849-5	F3854-5	F3854-6	F3854-7
DATE SAMPLED	3/13/99	3/15/99	3/15/99	3/16/99	3/16/99	3/15/99	3/16/99	3/16/99	3/16/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES									
1,2,4-TRICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
1,2-DICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
1,3-DICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
1,4-DICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2,4,5-TRICHLOROPHENOL	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L
2,4,6-TRICHLOROPHENOL	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L
2,4-DICHLOROPHENOL	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	13.2 ug/L	13.3 ug/L
2,4-DIMETHYLPHENOL	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L
2,4-DINITROPHENOL	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L
2,4-DINITROTOLUENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
2,6-DINITROTOLUENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
2-CHLORONAPHTHALENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-CHLOROPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-METHYLNAPHTHALENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-METHYLPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-NITROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-NITROPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
3,3'-DICHLOROBENZIDINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
3-NITROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4,6-DINITRO-2-METHYLPHENOL	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L
4-BROMOPHENYL PHENYL ETHER	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-CHLORO-3-METHYLPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-CHLOROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-CHLOROPHENYL PHENYL ETHER	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-METHYLPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-NITROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-NITROPHENOL	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L
ACENAPHTHENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
ACENAPHTHYLENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
ANTHRACENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BENZO(A)ANTHRACENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BENZO(A)PYRENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BENZO(B)FLUORANTHENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BENZO(G,H,I)PERYLENE	25 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BENZO(K)FLUORANTHENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BIS(2-CHLOROETHOXY)METHANE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BIS(2-CHLOROETHYL)ETHER	7.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L
BIS(2-CHLOROISOPROPYL) ETHER	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BIS(2-ETHYLHEXYL)PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BUTYLBENZYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
CARBAZOLE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
CHR[illegible]NE	25 U ug/L	5 U ug/L	5 U ug/L	5 U[illegible]	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L

CTO 0024

06/28/99

TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC09G00410	NTC09G00510	NTC09G00510-D	NTC09G00610	NTC09G00710	NTC09G01010	NTC09G01110	NTC09G01210	NTC09G01210-D
LAB ID NUMBER	F3846-10	F3849-6	F3849-7	F3854-1	F3854-4	F3849-5	F3854-5	F3854-6	F3854-7
DATE SAMPLED	3/13/99	3/15/99	3/15/99	3/16/99	3/16/99	3/15/99	3/16/99	3/16/99	3/16/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DI-N-BUTYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DI-N-OCTYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DIBENZO(A,H)ANTHRACENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
DIBENZOFURAN	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DIETHYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DIMETHYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	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	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
FLUORENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
HEXACHLOROBENZENE	5 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L
HEXACHLOROBUTADIENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
HEXACHLOROCYCLOPENTADIENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
HEXACHLOROETHANE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
INDENO(1,2,3-CD)PYRENE	1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
ISOPHORONE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
N-NITROSO-DI-N-PROPYLAMINE	5 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L
N-NITROSODIPHENYLAMINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
NAPHTHALENE	3.3 J ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	4.3 J ug/L	3.7 J ug/L
NITROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PHENANTHRENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PYRENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PESTICIDES									
4,4'-DDD	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
4,4'-DDE	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
4,4'-DDT	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
ALDRIN	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.25 U ug/L	0.50 U ug/L	0.50 U ug/L
ALPHA-BHC	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.25 U ug/L	2.1 ug/L	2.3 ug/L
ALPHA-CHLORDANE	0.34 J ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
BETA-BHC	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
DELTA-BHC	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.25 U ug/L	0.50 U ug/L	0.50 U ug/L
DIELDRIN	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
ENDOSULFAN I	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.25 U ug/L	0.50 U ug/L	0.50 U ug/L
ENDOSULFAN II	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
ENDOSULFAN SULFATE	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
ENDRIN	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
ENDRIN ALDEHYDE	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
ENDRIN KETONE	0.50 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
GAMMA-BHC (LINDANE)	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.40 ug/L	3.0 ug/L	3.2 ug/L
GAMMA-CHLORDANE	0.43 J ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.50 U ug/L	1.0 U ug/L	1.0 U ug/L
HEPTACHLOR	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.25 U ug/L	0.50 U ug/L	0.50 U ug/L
HEPTACHLOR EPOXIDE	0.25 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.25 U ug/L	0.50 U ug/L	0.50 U ug/L
METHOXYCHLOR	2.5 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	2.5 U ug/L	5.0 U ug/L	5.0 U ug/L
TOXAPHENE	12 U ug/L	2.5 U ug/L	2.5 U ug/L	2.5 U ug/L	2.5 U ug/L	2.5 U ug/L	12 U ug/L	25 U ug/L	25 U ug/L

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TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC09G00410	NTC09G00510	NTC09G00510-D	NTC09G00610	NTC09G00710	NTC09G01010	NTC09G01110	NTC09G01210	NTC09G01210-D
LAB ID NUMBER	F3846-10	F3849-6	F3849-7	F3854-1	F3854-4	F3849-5	F3854-5	F3854-6	F3854-7
DATE SAMPLED	3/13/99	3/15/99	3/15/99	3/16/99	3/16/99	3/15/99	3/16/99	3/16/99	3/16/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
HERBICIDES									
2,4,5-T	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L
2,4,5-TP (SILVEX)	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L
2,4-D	1 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L
2,4-DB	1 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L
DALAPON	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L
DICAMBA	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L	0.2 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L
DICHLOROPROP	1 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L
DINOSEB	1 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L	1 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L	0.5 U ug/L
MCPA	100 U ug/L	100 U ug/L	100 U ug/L	50 U ug/L	100 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L
MCPP	100 U ug/L	100 U ug/L	100 U ug/L	50 U ug/L	100 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L	50 U ug/L
PENTACHLOROPHENOL	0.1 U ug/L	0.1 U ug/L	0.1 U ug/L	0.05 U ug/L	0.1 U ug/L	0.05 U ug/L	0.05 U ug/L	0.05 U ug/L	0.05 U ug/L
METALS									
ALUMINUM	176 ug/L	166 U ug/L	169 U ug/L	797 ug/L	1500 ug/L	502 ug/L	451 U ug/L	1830 ug/L	1340 ug/L
ANTIMONY	18.4 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L
ARSENIC	186 J ug/L	152 ug/L	153 ug/L	54.6 ug/L	7.6 U ug/L	2.7 U ug/L	71.5 ug/L	135 ug/L	136 ug/L
BARIUM	16.0 U ug/L	17.9 U ug/L	12.0 U ug/L	31.5 U ug/L	24.8 U ug/L	11.6 U ug/L	25.2 U ug/L	31.2 U ug/L	20.0 U ug/L
BERYLLIUM	0.31 U ug/L	0.81 U ug/L	0.66 U ug/L	0.43 U ug/L	0.29 U ug/L	1.1 U ug/L	0.30 U ug/L	0.20 U ug/L	0.20 U ug/L
CADMIUM	0.20 U ug/L	0.45 U ug/L	0.66 U ug/L	0.20 U ug/L	0.36 U ug/L	0.20 U ug/L	0.54 U ug/L	0.21 U ug/L	0.20 U ug/L
CALCIUM	41600 ug/L	62500 J ug/L	64300 J ug/L	21000 J ug/L	10200 J ug/L	23900 J ug/L	32100 J ug/L	15700 J ug/L	15700 J ug/L
CHROMIUM	1.4 U ug/L	4.3 U ug/L	2.5 U ug/L	3.8 U ug/L	8.1 U ug/L	0.95 U ug/L	43.6 ug/L	17.5 U ug/L	7.3 U ug/L
COBALT	0.4 U ug/L	0.40 U ug/L	0.49 U ug/L	0.40 U ug/L	0.47 U ug/L	0.40 U ug/L	0.72 U ug/L	0.45 U ug/L	0.40 U ug/L
COPPER	5.5 U ug/L	1.4 U ug/L	1.6 U ug/L	1.8 U ug/L	3.1 U ug/L	0.70 U ug/L	3.7 U ug/L	8.1 U ug/L	1.7 U ug/L
IRON	861 ug/L	962 J ug/L	966 J ug/L	1120 J ug/L	1840 J ug/L	959 J ug/L	1520 J ug/L	1390 J ug/L	786 J ug/L
LEAD	1.4 U ug/L	1.6 ug/L	2.1 ug/L	1.4 U ug/L	1.4 U ug/L	1.4 U ug/L	2.5 U ug/L	2.0 U ug/L	1.5 U ug/L
MAGNESIUM	2020 ug/L	5080 J ug/L	5210 J ug/L	2360 J ug/L	1760 J ug/L	2690 J ug/L	2100 J ug/L	2340 J ug/L	2340 J ug/L
MANGANESE	63.1 ug/L	27.4 J ug/L	27.8 J ug/L	39.6 J ug/L	19.7 J ug/L	18.5 J ug/L	121 J ug/L	19.0 J ug/L	20.9 J ug/L
MERCURY	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L
NICKEL	1.1 U ug/L	2.2 U ug/L	2.0 U ug/L	2.6 U ug/L	3.3 U ug/L	1.0 U ug/L	24.2 ug/L	6.9 U ug/L	2.1 U ug/L
POTASSIUM	6680 ug/L	12100 J ug/L	12000 J ug/L	2820 ug/L	2360 ug/L	3000 J ug/L	6230 ug/L	11100 ug/L	11400 ug/L
SELENIUM	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L
SILVER	0.87 U ug/L	1.4 U ug/L	2.1 U ug/L	0.80 U ug/L	0.85 U ug/L	0.80 U ug/L	0.80 U ug/L	0.98 U ug/L	0.80 U ug/L
SODIUM	1700 ug/L	3630 ug/L	3910 ug/L	2740 ug/L	3950 ug/L	2880 ug/L	2940 ug/L	2560 ug/L	2510 ug/L
THALLIUM	5.0 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L	4.1 U ug/L
VANADIUM	0.51 U ug/L	4.2 U ug/L	3.8 U ug/L	2.5 U ug/L	3.1 U ug/L	0.64 U ug/L	1.0 U ug/L	0.66 U ug/L	0.59 U ug/L
ZINC	36.7 U ug/L	44.1 U ug/L	35.6 U ug/L	41.3 U ug/L	72.1 U ug/L	43.2 U ug/L	37.9 U ug/L	93.1 U ug/L	69.4 U ug/L

TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC09G01310	NTC09G01410	NTC09G01510	NTC09G01610	NTC09G01810
LAB ID NUMBER	F3854-3	F3849-4	F3846-5	F3846-6	F3854-2
DATE SAMPLED	3/16/99	3/15/99	3/13/99	3/13/99	3/16/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
1,2-DICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
1,3-DICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
1,4-DICHLOROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2,4,5-TRICHLOROPHENOL	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L
2,4,6-TRICHLOROPHENOL	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L
2,4-DICHLOROPHENOL	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L	4 U ug/L
2,4-DIMETHYLPHENOL	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L	10 U ug/L
2,4-DINITROPHENOL	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L
2,4-DINITROTOLUENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
2,6-DINITROTOLUENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
2-CHLORONAPHTHALENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-CHLOROPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-METHYLNAPHTHALENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-METHYLPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-NITROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
2-NITROPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
3,3'-DICHLOROBENZIDINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
3-NITROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4,6-DINITRO-2-METHYLPHENOL	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L	25 U ug/L
4-BROMOPHENYL PHENYL ETHER	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-CHLORO-3-METHYLPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-CHLOROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-CHLOROPHENYL PHENYL ETHER	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-METHYLPHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-NITROANILINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
4-NITROPHENOL	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L	15 U ug/L
ACENAPHTHENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
ACENAPHTHYLENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
ANTHRACENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BENZO(A)ANTHRACENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BENZO(A)PYRENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BENZO(B)FLUORANTHENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BENZO(G,H,I)PERYLENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BENZO(K)FLUORANTHENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
BIS(2-CHLOROETHOXY)METHANE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BIS(2-CHLOROETHYL)ETHER	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L	1.5 U ug/L
BIS(2-CHLOROISOPROPYL) ETHER	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BIS(2-ETHYLHEXYL)PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
BUTYLBENZYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
CARBAZOLE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
CHRYSENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L

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TABLE 4
OU3 VALIDATED GROUNDWATER RESULTS[a]
MARCH 1999

SAMPLE NUMBER	NTC09G01310	NTC09G01410	NTC09G01510	NTC09G01610	NTC09G01810
LAB ID NUMBER	F3854-3	F3849-4	F3846-5	F3846-6	F3854-2
DATE SAMPLED	3/16/99	3/15/99	3/13/99	3/13/99	3/16/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DI-N-BUTYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DI-N-OCTYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DIBENZO(A,H)ANTHRACENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
DIBENZOFURAN	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DIETHYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
DIMETHYL PHTHALATE	5 U ug/L	5 U ug/L	5 U ug/L	5 UR ug/L	5 U ug/L
FLUORANTHENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
FLUORENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
HEXACHLOROBENZENE	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L
HEXACHLOROBUTADIENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
HEXACHLOROCYCLOPENTADIENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
HEXACHLOROETHANE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
INDENO(1,2,3-CD)PYRENE	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L	0.2 U ug/L
ISOPHORONE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
N-NITROSO-DI-N-PROPYLAMINE	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L	1 U ug/L
N-NITROSODIPHENYLAMINE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
NAPHTHALENE	5 U ug/L	67.5 ug/L	11.2 ug/L	5 U ug/L	5 U ug/L
NITROBENZENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PHENANTHRENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PHENOL	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PYRENE	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L	5 U ug/L
PESTICIDES					
4,4'-DDD	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
4,4'-DDE	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
4,4'-DDT	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
ALDRIN	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
ALPHA-BHC	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
ALPHA-CHLORDANE	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
BETA-BHC	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
DELTA-BHC	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
DIELDRIN	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
ENDOSULFAN I	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
ENDOSULFAN II	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
ENDOSULFAN SULFATE	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
ENDRIN	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
ENDRIN ALDEHYDE	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
ENDRIN KETONE	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
GAMMA-BHC (LINDANE)	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
GAMMA-CHLORDANE	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L	0.10 U ug/L
HEPTACHLOR	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
HEPTACHLOR EPOXIDE	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L	0.050 U ug/L
METHOXYCHLOR	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L	0.50 U ug/L
TOXAPHENE	2.5 U ug/L	2.5 [illegible]/L	2.5 U ug/L	2.5 U ug/L	2.5 U ug/L

TABLE 4

OU3 VALIDATED GROUNDWATER RESULTS[a]

MARCH 1999

SAMPLE NUMBER	NTC09G01310	NTC09G01410	NTC09G01510	NTC09G01610	NTC09G01810
LAB ID NUMBER	F3854-3	F3849-4	F3846-5	F3846-6	F3854-2
DATE SAMPLED	3/16/99	3/15/99	3/13/99	3/13/99	3/16/99
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
HERBICIDES					
2,4,5-T	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L
2,4,5-TP (SILVEX)	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L
2,4-D	0.5 U ug/L	0.5 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L
2,4-DB	0.5 U ug/L	0.5 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L
DALAPON	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L
DICAMBA	0.1 U ug/L	0.1 U ug/L	0.2 U ug/L	0.2 U ug/L	0.1 U ug/L
DICHLOROPROP	0.5 U ug/L	0.5 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L
DINOSEB	0.5 U ug/L	0.5 U ug/L	1 U ug/L	1 U ug/L	0.5 U ug/L
MCPA	50 U ug/L	50 U ug/L	100 U ug/L	100 U ug/L	50 U ug/L
MCPP	50 U ug/L	50 U ug/L	100 U ug/L	100 U ug/L	50 U ug/L
PENTACHLOROPHENOL	0.05 U ug/L	0.05 U ug/L	0.1 U ug/L	0.1 U ug/L	0.05 U ug/L
METALS					
ALUMINUM	536 ug/L	448 ug/L	470 ug/L	443 ug/L	2180 ug/L
ANTIMONY	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	3.3 U ug/L	9.2 U ug/L
ARSENIC	2.7 U ug/L	2.7 U ug/L	2.7 U ug/L	4.3 U ug/L	2.7 U ug/L
BARIUM	23.4 U ug/L	13.8 U ug/L	15.8 U ug/L	27.4 U ug/L	47.6 U ug/L
BERYLLIUM	0.55 U ug/L	1.2 U ug/L	0.59 U ug/L	0.35 U ug/L	0.65 U ug/L
CADMIUM	0.20 U ug/L	0.20 U ug/L	0.2 U ug/L	0.20 U ug/L	0.45 U ug/L
CALCIUM	546 U ug/L	12900 J ug/L	426 U ug/L	5740 ug/L	1470 U ug/L
CHROMIUM	10.8 U ug/L	1.9 U ug/L	5.8 U ug/L	1.6 U ug/L	10.6 U ug/L
COBALT	0.54 U ug/L	0.40 U ug/L	0.40 U ug/L	0.40 U ug/L	0.55 U ug/L
COPPER	0.70 U ug/L	0.70 U ug/L	2.0 U ug/L	1.6 U ug/L	10.4 U ug/L
IRON	741 J ug/L	593 U ug/L	706 U ug/L	1320 ug/L	753 J ug/L
LEAD	1.4 U ug/L	1.6 ug/L	1.4 U ug/L	1.7 U ug/L	1.7 U ug/L
MAGNESIUM	882 J ug/L	1230 J ug/L	807 ug/L	750 ug/L	997 J ug/L
MANGANESE	29.4 J ug/L	27.6 J ug/L	9.7 ug/L	69.0 ug/L	11.6 U ug/L
MERCURY	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L	0.25 U ug/L
NICKEL	2.3 U ug/L	2.7 U ug/L	2.6 U ug/L	1.8 U ug/L	2.6 U ug/L
POTASSIUM	204 U ug/L	304 U ug/L	164 U ug/L	584 ug/L	410 U ug/L
SELENIUM	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L	3.1 U ug/L
SILVER	0.86 U ug/L	0.80 U ug/L	0.80 U ug/L	0.80 U ug/L	0.80 U ug/L
SODIUM	7400 ug/L	5050 ug/L	6970 ug/L	9040 ug/L	7670 ug/L
THALLIUM	4.1 U ug/L	4.1 U ug/L	6.3 U ug/L	4.8 U ug/L	4.3 U ug/L
VANADIUM	1.2 U ug/L	1.8 U ug/L	1.1 U ug/L	3.0 U ug/L	2.7 U ug/L
ZINC	32.7 U ug/L	32.8 U ug/L	34.2 U ug/L	33.5 U ug/L	44.6 U ug/L

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	08G00102		08G00202		08G00302		08G00402		08G00501		08G00501D		08G00601		08G00701		08G00801		08G00801D	
Lab ID	873054		873055		873056		873064		873270		873272		873268		873267		873069		873074	
Sampling Date	22-Oct-97		22-Oct-97		22-Oct-97		22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		22-Oct-97		22-Oct-97	
Semivolatile Organics, ug/L																				
1,2,4-Trichlorobenzene	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	UJ	10	U
1,2-Dichlorobenzene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	UJ	10	UJ
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U	27	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	UJ	10	U	10	U
2,4-Dinitrophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	27	UJ	25	U	25	UJ	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	UJ	25	UJ	25	UJ	25	UJ	27	UJ	25	U	25	UJ	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	UJ	10	UJ
3-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	27	UJ	25	U	25	U	25	UJ
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	UJ	25	UJ	25	UJ	27	UJ	25	U	25	U	25	UJ
4-Bromophenyl-phenylether	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	27	UJ	25	U	25	UJ	25	UJ
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U	27	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Anthracene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Benzo(a)anthracene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U

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TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	08G00102		08G00202		08G00302		08G00402		08G00501		08G00501D		08G00601		08G00701		08G00801		08G00801D	
Lab ID	873054		873055		873056		873064		873270		873272		873268		873267		873069		873074	
Sampling Date	22-Oct-97		22-Oct-97		22-Oct-97		22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		22-Oct-97		22-Oct-97	
bis(2-Chloroethyl)ether	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Carbazole	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Chrysene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Di-n-butylphthalate	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	UJ	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Dibenz(a,h)anthracene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	UJ	10	U	10	U
Dibenzofuran	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Fluorene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	UJ	10	UJ	10	UJ
Hexachlorocyclopentadiene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	UJ	10	U	10	U
Hexachloroethane	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	UJ	10	U	10	U
Isophorone	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
N-Nitrosodiphenylamine (1)	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Naphthalene	25		10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Pentachlorophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	27	UJ	25	UJ	25	UJ	25	UJ
Phenanthrene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	11	UJ	10	U	10	U	10	U
Pesticides																				
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
4,4'-DDT	0.01	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ
alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ
Aroclor-1016	0.95	U	0.96	U	0.96	U	0.95	U	1	U	0.95	U	0.95	U	0.96	U	0.96	U	0.95	UJ
Aroclor-1221	1.9	U	1.9	U	1.9	U	1.9	U	2	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ
Aroclor-1232	0.95	U	0.96	U	0.96	U	0.95	U	1	U	0.95	U	0.95	U	0.96	U	0.96	U	0.95	UJ
Aroclor-1242	0.95	U	0.96	U	0.96	U	0.95	U	1	U	0.95	U	0.95	U	0.96	U	0.96	U	0.95	UJ

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	08G00102	08G00202	08G00302	08G00402	08G00501	08G00501D	08G00601	08G00701	08G00801	08G00801D
Lab ID	873054	873055	873056	873064	873270	873272	873268	873267	873069	873074
Sampling Date	22-Oct-97	22-Oct-97	22-Oct-97	22-Oct-97	23-Oct-97	23-Oct-97	23-Oct-97	23-Oct-97	22-Oct-97	22-Oct-97
Aroclor-1248	0.95 U	0.96 U	0.96 U	0.95 U	1 U	0.95 U	0.95 U	0.96 U	0.96 U	0.95 UJ
Aroclor-1254	0.95 U	0.96 U	0.96 U	0.95 U	1 U	0.95 U	0.95 U	0.96 U	0.96 U	0.95 UJ
Aroclor-1260	0.95 U	0.96 U	0.96 U	0.95 U	1 U	0.95 U	0.95 U	0.96 U	0.96 U	0.95 UJ
beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
delta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
Dieldrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
Endosulfan II	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Endosulfan sulfate	0.1 U	0.01 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Endrin	0.01 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Endrin aldehyde	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Endrin ketone	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
gamma-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
Heptachlor	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
Heptachlor epoxide	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
Methoxychlor	0.48 U	0.48 U	0.48 U	0.48 U	0.5 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ
Toxaphene	4.8 U	4.8 U	4.8 U	4.8 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 UJ
Herbicides, ug/L										
2,4 5-TP (Silvex)	0.05 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,4,5-T	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,4-D	0.1 J	0.01 J	1.5 U	0.02 J	1.5 U	1.5 U	0.22 J	1.5 U	0.12 J	0.11 J
2,4-DB	0.05 J	0.09 J	0.6 J	0.18 J	1.4 J	5 U	0.57 J	5 U	0.16 J	0.11 J
Dalapon	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Dicamba	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichloroprop	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.69 J	0.66 J
Dinoseb	1.5 U	1.5 U	1.5 U	1.5 U	0.1 J	1.5 U	0.28 J	1.5 U	1.5 U	1.5 U
MCPA	140 U	500 U	640 J	200 U	160 U	190 U	110 UJ	78 U	82 U	72 U
MCPP	790 J	60 U	400 U	200 U	440 U	240 U	300 UJ	350 U	110 U	710 J
Inorganics, ug/L										
Aluminum	57.2 U	90.6 U	80.9 U	155 U	96.7 U	120 U	140 U	76 U	37.4 U	33 U
Antimony	3.7 J	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
Arsenic	133	295	79.9	70.4	57.7	57.3	53	56.4	122	120
Barium	19 J	25.1 J	14.7 J	4.5 U	11.8 J	11.3 J	12.3 J	8 J	26.6 J	26.1 J
Beryllium	0.1 U	0.1 U	0.12 U	0.19 U	0.15 U	0.24 U	0.13 U	0.19 U	0.12 U	0.1 U
Cadmium	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Calcium	101000	104000	37500	28900	33200	33100	28100	45300	131000	134000

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	08G00102		08G00202		08G00302		08G00402		08G00501		08G00501D		08G00601		08G00701		08G00801		08G00801D	
Lab ID	873054		873055		873056		873064		873270		873272		873268		873267		873069		873074	
Sampling Date	22-Oct-97		22-Oct-97		22-Oct-97		22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		22-Oct-97		22-Oct-97	
Chromium	2.6	J	1.4	J	1.7	J	1.5	J	1.8	J	2.3	J	3.4	J	1.1	J	0.8	U	0.8	U
Cobalt	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Copper	3.6	U	2.5	U	1.5	J	1.3	J	1.2	J	0.96	J	6.7	J	3.3	J	1.5	J	1.4	J
Iron	1460		58.3	U	231		97.2	U	105	U	102	U	198		529		42	U	36.4	U
Lead	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	6.6		1.9	U	1.9	U	1.9	U
Magnesium	6190	U	6490	U	3750	U	3310	U	3620	U	3630	U	3190	U	3060	U	5850	U	6110	U
Manganese	12.6	J	6.7	J	15.3		16.4		160		162		24.2		11	J	6.3	J	6.4	J
Mercury	0.1	U	0.1	U	0.14	U	0.1	U	0.16	U	0.16	U	0.19	U	0.16	U	0.13	U	0.13	U
Nickel	1.7	J	1.4	J	1.6	J	3	J	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Potassium	16000		10800		9130		9940		11200		11200		11700		11000		8670		8900	
Selenium	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Silver	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Sodium	12300	U	13400	U	6810	U	6220	U	6680	U	6650	U	5280	U	5690	U	7190	U	7430	U
Thallium	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium	0.86	J	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	2	J	1.8	J	0.7	U	0.7	U
Zinc	33.2	UJ	10.5	UJ	19.2	U	65.6	U	14.5	U	4.1	U	62.3	U	9.8	U	10.5	U	6.8	U
General Chemistry, mg/L																				
Total Organic Carbon	27.4		28.8		30.6		27		31.2		NA		33.7		22.9		20.7		NA	
Total Suspended Solids	5		4	U	4	U	4	U	4	U	NA		4	U	4	U	4	U	NA	

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TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
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Sample ID	08G00901		08G01001		08G01101		08G01201		08G01301		08G01401		08G01501		08G01601		08G01701		08G01801		09G00
Lab ID	873070		873269		873271		873266		876943		877090		876942		882951		882943		882980		8729
Sampling Date	22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		5-Dec-97		8-Dec-97		5-Dec-97		18-Feb-98		18-Feb-98		19-Feb-98		20-Oct
Semivolatile Organics, ug/L																					
1,2,4-Trichlorobenzene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
1,2-Dichlorobenzene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
1,3-Dichlorobenzene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
1,4-Dichlorobenzene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2,2'-oxybis(1-Chloropropane)	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	NA		NA		NA		10
2,4,5-Trichlorophenol	25	UJ	25	U	25	UJ	25	U	25	U	25	U	25	U	NA		NA		NA		25
2,4,6-Trichlorophenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2,4-Dichlorophenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2,4-Dimethylphenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2,4-Dinitrophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	NA		NA		NA		25
2,4-Dinitrotoluene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2,6-Dinitrotoluene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2-Chloronaphthalene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2-Chlorophenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2-Methylnaphthalene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2-Methylphenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
2-Nitroaniline	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	25	U	NA		NA		NA		25
2-Nitrophenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
3,3'-Dichlorobenzidine	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	NA		NA		NA		10
3-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	NA		NA		NA		25
4,6-Dinitro-2-methylphenol	25	UJ	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	NA		NA		NA		25
4-Bromophenyl-phenylether	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
4-Chloro-3-methylphenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
4-Chloroaniline	10	UJ	10	UJ	10	UJ	10	U	10	UJ	10	U	10	UJ	NA		NA		NA		10
4-Chlorophenyl-phenylether	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	NA		NA		NA		10
4-Methylphenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
4-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	NA		NA		NA		25
4-Nitrophenol	25	UJ	25	U	25	UJ	25	U	25	U	25	U	25	U	NA		NA		NA		25
Acenaphthene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Acenaphthylene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Anthracene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Benzo(a)anthracene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Benzo(a)pyrene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Benzo(b)fluoranthene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Benzo(k)fluoranthene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
bis(2-Chloroethoxy)methane	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	08G00901		08G01001		08G01101		08G01201		08G01301		08G01401		08G01501		08G01601		08G01701		08G01801		09G00
Lab ID	873070		873269		873271		873266		876943		877090		876942		882951		882943		882980		8729
Sampling Date	22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		5-Dec-97		8-Dec-97		5-Dec-97		18-Feb-98		18-Feb-98		19-Feb-98		20-Oct
bis(2-Chloroethyl)ether	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
bis(2-Ethylhexyl)phthalate	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Butylbenzylphthalate	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Carbazole	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Chrysene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Di-n-butylphthalate	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Di-n-octylphthalate	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Dibenz(a,h)anthracene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Dibenzofuran	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Diethylphthalate	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Dimethylphthalate	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Fluoranthene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Fluorene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Hexachlorobenzene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Hexachlorobutadiene	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	NA		NA		NA		10
Hexachlorocyclopentadiene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Hexachloroethane	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Indeno(1,2,3-cd)pyrene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Isophorone	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
N-Nitroso-di-n-propylamine	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
N-Nitrosodiphenylamine (1)	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Naphthalene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Nitrobenzene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Pentachlorophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	NA		NA		NA		25
Phenanthrene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Phenol	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Pyrene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA		NA		10
Pesticides																					
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1
Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05
alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05
Aroclor-1016	0.95	U	0.95	U	0.98	U	0.95	U	0.98	U	0.97	U	0.99	UR	NA		NA		NA		1
Aroclor-1221	1.9	U	1.9	U	2	U	1.9	U	2	U	1.9	U	2	UR	NA		NA		NA		2.1
Aroclor-1232	0.95	U	0.95	U	0.98	U	0.95	U	0.98	U	0.97	U	0.99	UR	NA		NA		NA		1
Aroclor-1242	0.95	U	0.95	U	0.98	U	0.95	U	0.98	U	0.97	U	0.99	UR	NA		NA		NA		1

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	08G00901		08G01001		08G01101		08G01201		08G01301		08G01401		08G01501		08G01601		08G01701		08G01801		09G00	
Lab ID	873070		873269		873271		873266		876943		877090		876942		882951		882943		882980		8729	
Sampling Date	22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		5-Dec-97		8-Dec-97		5-Dec-97		18-Feb-98		18-Feb-98		19-Feb-98		20-Oct	
Aroclor-1248	0.95	U	0.95	U	0.98	U	0.95	U	0.98	U	0.97	U	0.99	UR	NA		NA		NA		1	
Aroclor-1254	0.95	U	0.95	U	0.98	U	0.95	U	0.98	U	0.97	U	0.99	UR	NA		NA		NA		1	
Aroclor-1260	0.95	U	0.95	U	0.98	U	0.95	U	0.98	U	0.97	U	0.99	UR	NA		NA		NA		1	
beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05	
delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.01	J	0.05	U	0.01	J	NA		NA		NA		0.05	
Dieldrin	0.1	U	0.1	U	0.02	J	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1	
Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05	
Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1	
Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1	
Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1	
Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.01	J	0.1	UR	NA		NA		NA		0.1	
Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	NA		NA		NA		0.1	
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05	
gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05	
Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05	
Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	NA		NA		NA		0.05	
Methoxychlor	0.48	U	0.48	U	0.49	U	0.48	U	0.49	U	0.48	U	0.5	UR	NA		NA		NA		0.52	
Toxaphene	4.8	U	4.8	U	4.9	U	4.8	U	4.9	U	4.8	U	5	UR	NA		NA		NA		5.2	
Herbicides, ug/L																						
2,4 5-TP (Silvex)	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA		0.5	
2,4,5-T	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA		0.5	
2,4-D	0.08	J	1.5	U	0.05	J	0.08	J	0.16	J	2	U	0.16	J	NA		NA		NA		0.002	
2,4-DB	0.06	J	5	U	5	U	5	U	0.31	J	2	U	0.29	J	NA		NA		NA		0.42	
Dalapon	6	U	6	U	6	U	6	U	6	U	1.4	J	6	U	NA		NA		NA		11	
Dicamba	0.52	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA		0.5	
Dichloroprop	2	U	2	U	2	U	2	U	0.4	J	0.14	J	2	U	NA		NA		NA		2	
Dinoseb	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NA		NA		NA		1.5	
MCPA	220	U	160	U	140	U	110	U	660	J	60	U	1200	DJ	NA		NA		NA		640	
MCPP	350	U	900	J	660	J	60	U	60	U	200	J	60	U	NA		NA		NA		520	
Inorganics, ug/L																						
Aluminum	372		614		73.2	U	1450		1870		1380	J	1420		454		88.3	J	87.3	J	318	
Antimony	2.9	U	2.9	U	2.9	U	2.9	U	3.5	U	2	U	4	U	2.5	U	2.5	U	2.9	J	2.9	
Arsenic	117		209		223		5.9	U	88.2		7.1	J	2.2	U	3.9	J	98.8		3.1	U	13.2	
Barium	4.9	U	15	J	1.5	U	38.5	J	42.1	J	39.2	J	21.6	J	27.7	J	20	J	12.1	J	24.5	
Beryllium	0.2	U	0.23	U	0.22	U	0.26	U	0.23	U	0.33	U	0.13	U	0.43	U	0.39	U	0.4	U	0.1	
Cadmium	0.3	U	0.3	U	0.3	U	0.3	U	0.5	U	0.5	U	0.5	U	0.3	U	0.3	U	0.3	U	0.3	
Calcium	45600		7230		89800		1600	U	12900		34200		18100		7770	U	63200	U	29300	U	24600	

TABLE 5
Historical Groundwater Analytical Results
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Orlando, FL

Sample ID	08G00901		08G01001		08G01101		08G01201		08G01301		08G01401		08G01501		08G01601		08G01701		08G01801		09G00
Lab ID	873070		873269		873271		873266		876943		877090		876942		882951		882943		882980		8729
Sampling Date	22-Oct-97		23-Oct-97		23-Oct-97		23-Oct-97		5-Dec-97		8-Dec-97		5-Dec-97		18-Feb-98		18-Feb-98		19-Feb-98		20-Oct
Chromium	0.8	U	0.8	U	0.8	U	0.83	J	3.7	U	1.8	U	3.5	U	3.1	U	2.9	U	4	U	0.81
Cobalt	0.7	U	0.7	U	0.7	U	0.7	U	1.9	J	2.3	J	1.2	J	1.9	J	0.8	U	0.8	U	0.7
Copper	1.2	J	6.5	J	0.9	J	1.5	J	5.5	J	9.5	J	8.3	J	0.7	U	1.2	U	2.8	U	3
Iron	455		825		73.6	U	5800		447		1730	J	498		580		141	U	550		391
Lead	1.9	U	1.9	U	1.9	U	1.9	U	3.2		3.1		2.3	J	3.3	U	1.6	U	3.6	U	1.9
Magnesium	4670	U	2220	U	6310	U	660	U	2220	U	6650	U	3210	U	2150	U	3290	U	1380	U	1360
Manganese	18.5		54.4		5.3	J	71.8		148		172		72.9		164		10.5	U	23.4	U	6.7
Mercury	0.14	U	0.14	U	0.13	U	0.15	U	0.15	U	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1
Nickel	1.3	U	1.3	U	1.3	U	1.3	U	9.6	J	5.8	J	5.9	J	11.4	J	4.4	J	3	J	2.5
Potassium	4980	J	991	U	11600		232	U	1290	U	1870	U	4570	U	593	U	10900		2090	U	2530
Selenium	4.4	U	4.4	U	4.4	U	4.4	U	4	U	4.1	U	4	U	3.6	U	3.6	U	3.6	U	4.4
Silver	0.8	U	0.8	U	0.8	U	0.8	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.8
Sodium	22400	U	6340	U	10100	U	7120	U	9330	U	21900	U	28900		8690	U	6360	U	6060	U	2890
Thallium	5	U	5	U	5	U	5	U	3.7	U	3.7	U	3.7	U	4.2	U	4.2	U	4.2	U	5
Vanadium	2.3	J	2.8	J	0.7	U	4.2	J	2	J	2.5	J	3	J	3.5	J	4.4	J	2.4	J	0.7
Zinc	21.9	U	9.2	U	52.5	U	6.6	U	16.8	U	151	U	41.3	U	5.5	U	1.7	U	1	U	10.8
General Chemistry, mg/L																					
Total Organic Carbon	31.5		21.1		20.9		8.47		22.1		46.8		27.2		25.2		19.9		23.5		37.2
Total Suspended Solids	4	U	4	U	4	U	8		22		20		13		4	U	4	U	4	U	4

TABLE 5
Historical Groundwater Analytical Results
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Sample ID	02	09G00202		09G00202D		09G00302		09G00402		09G00501		09G00601		09G00701		09G00801		09G00901	
Lab ID	6	872937		872939		872938		872975		872976		872659		872977		873307		873310	
Sampling Date	97	20-Oct-97		20-Oct-97		20-Oct-97		21-Oct-97		21-Oct-97		17-Oct-97		21-Oct-97		24-Oct-97		24-Oct-97	
Semivolatile Organics, ug/L																			
1,2,4-Trichlorobenzene	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
1,2-Dichlorobenzene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
1,3-Dichlorobenzene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
1,4-Dichlorobenzene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	UJ
2,2'-oxybis(1-Chloropropane)	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	26	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	2	J	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	2	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	U	25	U	25	U	25	U	25	U	25	U	25	UJ	25	U	26	UJ	25	UJ
2,4-Dinitrotoluene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
2,6-Dinitrotoluene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
2-Chloronaphthalene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	UJ	10	U	10	U	10	U	14	J	10	U	10	U	10	UJ	10	UJ	10	U
2-Methylphenol	U	10	U	1	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	UJ	25	U	25	U	25	U	25	UJ	25	U	25	U	25	UJ	26	UJ	25	U
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	UJ	10	U	10	U	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ	10	UJ
3-Nitroaniline	UJ	25	U	25	U	25	U	25	UJ	25	U	25	UJ	25	UJ	26	UJ	25	UJ
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	26	UJ	25	U
4-Bromophenyl-phenylether	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
4-Chlorophenyl-phenylether	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
4-Methylphenol	U	10	U	3	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	UJ	25	U	25	U	25	U	25	UJ	25	U	25	UJ	25	UJ	26	UJ	25	UJ
4-Nitrophenol	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	26	U	25	U
Acenaphthene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Acenaphthylene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Anthracene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Benzo(a)anthracene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Benzo(a)pyrene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Benzo(b)fluoranthene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Benzo(g,h,i)perylene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Benzo(k)fluoranthene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
bis(2-Chloroethoxy)methane	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U

TABLE 5
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Sample ID	02	09G00202		09G00202D		09G00302		09G00402		09G00501		09G00601		09G00701		09G00801		09G00901	
Lab ID	6	872937		872939		872938		872975		872976		872659		872977		873307		873310	
Sampling Date	97	20-Oct-97		20-Oct-97		20-Oct-97		21-Oct-97		21-Oct-97		17-Oct-97		21-Oct-97		24-Oct-97		24-Oct-97	
bis(2-Chloroethyl)ether	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
bis(2-Ethylhexyl)phthalate	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Butylbenzylphthalate	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Carbazole	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Chrysene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Di-n-butylphthalate	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Di-n-octylphthalate	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Dibenz(a,h)anthracene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Dibenzofuran	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Diethylphthalate	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Dimethylphthalate	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Fluoranthene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Fluorene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Hexachlorobenzene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Hexachlorobutadiene	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Hexachlorocyclopentadiene	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	UJ	10	UJ	10	U
Hexachloroethane	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Indeno(1,2,3-cd)pyrene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Isophorone	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
N-Nitroso-di-n-propylamine	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
N-Nitrosodiphenylamine (1)	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Naphthalene	UJ	10	U	10	U	1	J	6	J	10	U	10	U	10	UJ	10	UJ	10	U
Nitrobenzene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Pentachlorophenol	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	26	UJ	25	UJ
Phenanthrene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Phenol	U	10	U	2	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
Pesticides																			
4,4'-DDD	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	J	0.03	J	0.1	UJ	0.1	U	0.1	U	0.1	U
4,4'-DDE	J	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.01	J	0.1	UJ	0.1	U	0.1	U	0.1	U
4,4'-DDT	UJ	0.1	UJ	0.1	U	0.004	J	0.09	U	0.09	U	0.01	J	0.1	U	0.1	U	0.1	U
Aldrin	UJ	0.05	UJ	0.05	U	0.05	UJ	0.05	J	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U
alpha-BHC	UJ	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U
alpha-Chlordane	UJ	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.11	J	0.05	UJ	0.05	U	0.05	U	0.05	U
Aroclor-1016	UJ	1	UJ	1	U	1	UJ	0.93	U	0.94	U	1	UJ	0.97	U	1	U	0.95	U
Aroclor-1221	UJ	2.1	UJ	2.1	U	2	UJ	1.9	U	1.9	U	2	UJ	1.9	U	2.1	U	1.9	U
Aroclor-1232	UJ	1	UJ	1	U	1	UJ	0.93	U	0.94	U	1	UJ	0.97	U	1	U	0.95	U
Aroclor-1242	UJ	1	UJ	1	U	1	UJ	0.93	U	0.94	U	1	UJ	0.97	U	1	U	0.95	U

TABLE 5
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Sample ID	02	09G00202		09G00202D		09G00302		09G00402		09G00501		09G00601		09G00701		09G00801		09G00901	
Lab ID	6	872937		872939		872938		872975		872976		872659		872977		873307		873310	
Sampling Date	97	20-Oct-97		20-Oct-97		20-Oct-97		21-Oct-97		21-Oct-97		17-Oct-97		21-Oct-97		24-Oct-97		24-Oct-97	
Aroclor-1248	UJ	1	UJ	1	U	1	UJ	0.93	U	0.94	U	1	UJ	0.97	U	1	U	0.95	U
Aroclor-1254	UJ	1	UJ	1	U	1	UJ	0.93	U	0.94	U	1	UJ	0.97	U	1	U	0.95	U
Aroclor-1260	UJ	1	UJ	1	U	1	UJ	0.93	U	0.94	U	1	UJ	0.97	U	1	U	0.95	U
beta-BHC	UJ	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U
delta-BHC	UJ	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.02	J	0.05	UJ	0.05	U	0.05	U	0.05	U
Dieldrin	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.09	U	0.01	J	0.1	U	0.1	U	0.1	U
Endosulfan I	UJ	0.05	UJ	0.05	U	0.05	UJ	0.09	J	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Endosulfan II	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.09	U	0.01	J	0.1	U	0.1	U	0.1	U
Endosulfan sulfate	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.09	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endrin	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.02	J	0.02	J	0.1	U	0.1	U	0.1	U
Endrin aldehyde	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.09	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endrin ketone	UJ	0.1	UJ	0.1	U	0.1	UJ	0.09	U	0.09	U	0.1	UJ	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	UJ	0.05	UJ	0.05	U	0.05	UJ	0.01	J	0.01	J	0.05	UJ	0.05	U	0.05	U	0.05	U
gamma-Chlordane	UJ	0.05	UJ	0.05	U	0.05	UJ	0.67		0.17		0.03	J	0.05	U	0.05	U	0.05	U
Heptachlor	UJ	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Heptachlor epoxide	UJ	0.05	UJ	0.05	U	0.05	UJ	0.1	J	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Methoxychlor	UJ	0.05	UJ	0.53	U	0.5	UJ	0.47	U	0.47	U	0.01	J	0.48	U	0.52	U	0.48	U
Toxaphene	UJ	5.2	UJ	5.3	U	5	UJ	4.7	U	4.7	U	5.1	UJ	4.8	U	5.2	U	4.8	U
Herbicides, ug/L																			
2,4 5-TP (Silvex)	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
2,4,5-T	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
2,4-D	J	1.5	U	1.6	U	0.004	J	0.1	J	0.11	J	0.9	J	0.005	J	0.21	J	0.24	J
2,4-DB	J	0.44	J	0.33	J	0.17	J	1.8	J	0.83	J	5	UJ	0.18	J	5	U	5	U
Dalapon	U	8.5	U	8.9	U	6	U	6	U	6	U	6	UJ	6	U	6	U	6	U
Dicamba	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Dichloroprop	U	2	U	3.1	J	2	U	2	U	2	U	2	UJ	2	U	0.59	J	0.37	J
Dinoseb	U	1.5	U	1.5	U	1.5	U	0.1	J	1.5	U	1.5	UJ	1.5	U	1.5	U	0.1	J
MCPA		870	J	670	J	480	U	3100	J	2900	J	53	UJ	150	U	400	U	380	U
MCPP	U	840	J	540	U	350	U	1900	J	830	J	63	UJ	1100	J	520	U	60	U
Inorganics, ug/L																			
Aluminum		731		781		471		448		224		538		2040		290		243	
Antimony	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	3.5	J
Arsenic		5.9	U	5.9	U	5.9	U	264		61.3		53		5.9	U	5.9	U	5.9	U
Barium	J	1.8	J	2.4	J	4	J	8.6	J	7.6	J	9.5	J	13.8	J	12.5	J	5.7	U
Beryllium	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.23	U	0.21	U
Cadmium	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Calcium		5830		6350		10600		43800		53400		55000		2070	U	17900		31100	

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	02	09G00202		09G00202D		09G00302		09G00402		09G00501		09G00601		09G00701		09G00801		09G00901	
Lab ID	6	872937		872939		872938		872975		872976		872659		872977		873307		873310	
Sampling Date	97	20-Oct-97		20-Oct-97		20-Oct-97		21-Oct-97		21-Oct-97		17-Oct-97		21-Oct-97		24-Oct-97		24-Oct-97	
Chromium	J	1.3	J	1.1	J	0.88	J	1.6	J	1.4	J	1	J	3.7	J	0.8	U	0.8	U
Cobalt	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	1.1	J	0.7	U	1	J
Copper	U	2.6	U	3.5	U	3	U	56		3.8	U	2.6	U	3.5	U	0.76	J	2.6	J
Iron		105	U	102	U	114	U	1290		188		638		1870		1000		200	
Lead	U	1.9	U	1.9	U	1.9	U	6.1		1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Magnesium	U	1570	U	1660	U	2150	U	1030	U	2410	U	2380	U	1570	U	2100	U	2010	U
Manganese	J	0.52	U	0.78	U	1.3	U	53.7		11.3	J	32.9		48.9		53.6		3	J
Mercury	U	0.1	U	0.1	U	0.1	U	0.11	J	0.1	U	0.1	U	0.1	U	0.15	U	0.13	U
Nickel	J	1.3	U	1.3	U	1.3	U	2.2	J	1.3	U	1.3	U	5.4	J	1.3	U	1.3	U
Potassium	U	3690	U	3850	U	2510	U	3950	U	1990	U	2380	U	3230	U	2100	U	3590	U
Selenium	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Silver	U	1.1	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Sodium	U	3320	U	3470	U	2910	U	3270	U	3160	U	4950	U	6120	U	2600	U	4070	U
Thallium	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium	U	0.73	J	0.73	J	0.7	U	0.99	J	3.4	J	0.86	J	1.3	J	0.91	J	1.8	J
Zinc	UJ	7.2	UJ	30	UJ	67.6	UJ	59.6	UJ	5.6	UJ	24	UJ	20	UJ	7.2	U	14.6	U
General Chemistry, mg/L																			
Total Organic Carbon		34.5		NA		47.5		54.6		33.1		24.3		41.1		47.8		62.3	
Total Suspended Solids	U	4	U	NA		4	U	4	U	4	U	20		4	U	4	U	4	U

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
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Sample ID	09G01001		09G01101		09G01201		09G01301		09G01401		09G01401D		09G01501		09G01601		09G01701		09G01801	
Lab ID	872978		872979		872980		872981		876803		876821		876940		876941		882644		882638	
Sampling Date	21-Oct-97		21-Oct-97		21-Oct-97		21-Oct-97		4-Dec-97		4-Dec-97		5-Dec-97		5-Dec-97		12-Feb-98		12-Feb-98	
Semivolatile Organics, ug/L																				
1,2,4-Trichlorobenzene	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA	
1,2-Dichlorobenzene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
1,3-Dichlorobenzene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
1,4-Dichlorobenzene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2,2'-oxybis(1-Chloropropane)	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
2,4,6-Trichlorophenol	10	U	10	U	2	J	10	U	10	U	10	U	10	U	10	U	NA		NA	
2,4-Dichlorophenol	10	U	10	U	200		10	U	10	U	10	U	10	U	10	U	NA		NA	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
2,4-Dinitrotoluene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2,6-Dinitrotoluene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2-Chloronaphthalene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2-Methylnaphthalene	10	U	10	UJ	10	U	10	U	1	J	10	U	10	U	10	U	NA		NA	
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
2-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
3-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
4-Bromophenyl-phenylether	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
4-Chloroaniline	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	NA		NA	
4-Chlorophenyl-phenylether	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
4-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	NA		NA	
Acenaphthene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Acenaphthylene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Anthracene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Benzo(a)anthracene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Benzo(a)pyrene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Benzo(b)fluoranthene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Benzo(k)fluoranthene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
bis(2-Chloroethoxy)methane	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	

TABLE 5
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Sample ID	09G01001		09G01101		09G01201		09G01301		09G01401		09G01401D		09G01501		09G01601		09G01701		09G01801	
Lab ID	872978		872979		872980		872981		876803		876821		876940		876941		882644		882638	
Sampling Date	21-Oct-97		21-Oct-97		21-Oct-97		21-Oct-97		4-Dec-97		4-Dec-97		5-Dec-97		5-Dec-97		12-Feb-98		12-Feb-98	
bis(2-Chloroethyl)ether	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
bis(2-Ethylhexyl)phthalate	10	U	10	UJ	10	U	10	U	10	U	11	U	10	U	10	U	NA		NA	
Butylbenzylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Carbazole	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Chrysene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Di-n-butylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Dibenz(a,h)anthracene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Dibenzofuran	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Diethylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Dimethylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Fluoranthene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Fluorene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Hexachlorobenzene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Hexachlorobutadiene	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA	
Hexachlorocyclopentadiene	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U	NA		NA	
Hexachloroethane	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Isophorone	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
N-Nitroso-di-n-propylamine	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
N-Nitrosodiphenylamine (1)	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Naphthalene	10	U	10	UJ	8	J	2	J	160	D	10	U	5	J	10	U	NA		NA	
Nitrobenzene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Pentachlorophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U	25	U	NA		NA	
Phenanthrene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Phenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Pyrene	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA	
Pesticides																				
4,4'-DDD	0.09	U	0.09	U	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
4,4'-DDE	0.09	U	0.01	J	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
4,4'-DDT	0.09	U	0.01	J	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
alpha-BHC	0.05	U	0.004	J	1	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
alpha-Chlordane	0.05	U	0.05	U	0.03	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
Aroclor-1016	0.93	U	0.94	U	0.93	U	1.1	U	1	U	0.94	U	0.93	U	0.93	U	NA		NA	
Aroclor-1221	1.9	U	1.9	U	1.9	U	2.2	U	2	U	1.9	U	1.9	U	1.9	U	NA		NA	
Aroclor-1232	0.93	U	0.94	U	0.93	U	1.1	U	1	U	0.94	U	0.93	U	0.93	U	NA		NA	
Aroclor-1242	0.93	U	0.94	U	0.93	U	1.1	U	1	U	0.94	U	0.93	U	0.93	U	NA		NA	

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TABLE 5
Historical Groundwater Analytical Results
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Sample ID	09G01001		09G01101		09G01201		09G01301		09G01401		09G01401D		09G01501		09G01601		09G01701		09G01801	
Lab ID	872978		872979		872980		872981		876803		876821		876940		876941		882644		882638	
Sampling Date	21-Oct-97		21-Oct-97		21-Oct-97		21-Oct-97		4-Dec-97		4-Dec-97		5-Dec-97		5-Dec-97		12-Feb-98		12-Feb-98	
Aroclor-1248	0.93	U	0.94	U	0.93	U	1.1	U	1	U	0.94	U	0.93	U	0.93	U	NA		NA	
Aroclor-1254	0.93	U	0.94	U	0.93	U	1.1	U	1	U	0.94	U	0.93	U	0.93	U	NA		NA	
Aroclor-1260	0.93	U	0.94	U	0.93	U	1.1	U	1	U	0.94	U	0.93	U	0.93	U	NA		NA	
beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
delta-BHC	0.05	U	0.05	U	0.3		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
Dieldrin	0.09	U	0.09	U	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
Endosulfan I	0.05	U	0.05	U	0.05	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
Endosulfan II	0.09	U	0.09	U	0.09	U	0.11	U	0.1	U	0.09	U	0.01	J	0.09	U	NA		NA	
Endosulfan sulfate	0.09	U	0.09	U	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
Endrin	0.09	U	0.09	U	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
Endrin aldehyde	0.09	U	0.08	J	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
Endrin ketone	0.09	U	0.09	U	0.09	U	0.11	U	0.1	U	0.09	U	0.09	U	0.09	U	NA		NA	
gamma-BHC (Lindane)	0.05	U	0.03	J	0.69		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
gamma-Chlordane	0.05	U	0.05	U	0.01	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
Heptachlor epoxide	0.05	U	0.04	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA	
Methoxychlor	0.47	U	0.47	U	0.47	U	0.54	U	0.5	U	0.47	U	0.47	U	0.47	U	NA		NA	
Toxaphene	4.7	U	4.7	U	4.7	U	5.4	U	5	U	4.7	U	4.7	U	4.7	U	NA		NA	
Herbicides, ug/L																				
2,4 5-TP (Silvex)	0.5	U	0.5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,5-T	0.5	U	0.5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-D	1.5	U	1.4	J	110	J	0.001	J	0.26	J	1.5	U	0.07	J	1.5	U	0.32	J	1.5	U
2,4-DB	0.14	J	1	J	50	U	0.38	J	0.21	J	5	U	0.18	J	0.31	J	0.55	J	5	U
Dalapon	6	U	6	U	60	U	6	U	6	U	6	U	6	U	6	U	0.69	J	0.3	J
Dicamba	0.5	U	0.5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichloroprop	2	U	2	U	20	U	2	U	2	U	2	U	0.42	J	0.36	J	0.29	J	0.24	J
Dinoseb	1.5	U	1.5	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	0.12	J	1.5	U	1.5	U
MCPA	60	U	190	U	750	J	60	U	890	J	840	J	420	U	920	J	680	J	630	J
MCPP	60	U	1200	J	1500	J	60	U	120	U	170	U	60	U	0.36	J	60	U	60	U
Inorganics, ug/L																				
Aluminum	212		539		1030		353		315		294		3260		1840		349		567	
Antimony	2.9	U	2.9	U	2.9	U	2.9	U	2	U	3.3	U	2.8	U	2	U	2.5	U	2.5	U
Arsenic	5.9	U	93.9		138		5.9	U	2.2	U	2.2	U	2.2	U	2.2	J	4.3	J	3.1	U
Barium	5.4	J	6.8	J	10.3	J	19.7	J	47.2	J	38	J	18.3	J	17.8	J	9.6	U	20.8	J
Beryllium	0.1	U	0.1	U	0.1	U	0.13	U	0.1	U	0.1	U	0.14	U	0.1	U	0.3	U	0.35	U
Cadmium	0.3	U	0.3	U	0.3	U	0.3	U	0.5	U	0.5	U	0.5	U	0.5	U	0.3	U	0.3	U
Calcium	33700		36900		11700		771	U	105000		80800		9800		15000		33700	U	1060	U

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	09G01001		09G01101		09G01201		09G01301		09G01401		09G01401D		09G01501		09G01601		09G01701		09G01801	
Lab ID	872978		872979		872980		872981		876803		876821		876940		876941		882644		882638	
Sampling Date	21-Oct-97		21-Oct-97		21-Oct-97		21-Oct-97		4-Dec-97		4-Dec-97		5-Dec-97		5-Dec-97		12-Feb-98		12-Feb-98	
Chromium	0.91	J	1	J	3.3	J	1.3	J	2	U	1.9	U	6.3	U	4.5	U	0.9	U	1.5	J
Cobalt	0.7	U	0.7	U	0.7	U	0.88	J	1.7	J	2.1	J	0.8	J	0.55	J	0.8	U	0.8	U
Copper	4	U	4.2	U	6.1	J	2.6	U	4.5	J	5.6	J	7.2	J	5.1	J	2.7	U	0.7	U
Iron	1030		570		540		2400		430		451		374		249		53.6	J	4680	
Lead	1.9	U	1.9	U	1.9	J	1.9	U	2.2	U	2.2	U	2.8	J	2.2	U	1.6	U	1.6	U
Magnesium	2350	U	1220	U	824	U	905	U	9780		7410		967	U	1130	U	700	U	942	U
Manganese	16.7		11.6	J	24.9		82.9		159		145		55.7		70.8		4.8	U	85.8	U
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.14	U	0.14	U	0.18	U	0.15	U	0.1	U	0.1	U
Nickel	1.3	U	1.3	U	3.4	J	3.5	J	9.9	J	9.4	J	7.5	J	5.1	J	1.4	J	1.2	U
Potassium	2920	U	2530	U	2190	U	178	U	1180	U	966	U	223	U	745	U	1850	U	239	U
Selenium	4.4	U	4.4	U	4.4	U	4.4	U	4	U	4	U	4	U	4	U	3.6	U	3.6	U
Silver	0.8	U	0.8	U	0.8	U	0.8	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Sodium	3340	U	3090	U	2900	U	8070	U	78300	U	58700	U	7770	U	10200	U	1960	U	8000	U
Thallium	5	U	5	U	5	U	5	U	3.7	U	3.7	U	3.7	U	3.7	U	4.2	U	4.2	U
Vanadium	0.7	U	0.7	U	0.79	J	1.3	J	1.6	J	1.6	J	1.9	J	5.1	J	4.3	J	1.6	J
Zinc	15.7	UJ	10.2	UJ	54.9	UJ	12.6	UJ	16.8	U	16.9	U	30.8	U	16.8	U	1	U	1	U
General Chemistry, mg/L																				
Total Organic Carbon	28		36		38.5		10.1		21.2		NA		25.3		22		NA		7.05	
Total Suspended Solids	4	U	28		4	U	4	U	7		NA		58		4		NA		4	U

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	09G01801D	08F00901	08F01201	08F01301	09F00402	09F00601	09F00701	09F01501	09F01601
Lab ID	882641	873053	873265	876944	872971	872655	872972	876945	876946
Sampling Date	12-Feb-98	22-Oct-97	23-Oct-97	5-Dec-97	21-Oct-97	17-Oct-97	21-Oct-97	5-Dec-97	5-Dec-97
Semivolatile Organics, ug/L									
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	09G01801D	08F00901	08F01201	08F01301	09F00402	09F00601	09F00701	09F01501	09F01601
Lab ID	882641	873053	873265	876944	872971	872655	872972	876945	876946
Sampling Date	12-Feb-98	22-Oct-97	23-Oct-97	5-Dec-97	21-Oct-97	17-Oct-97	21-Oct-97	5-Dec-97	5-Dec-97
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides									
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	09G01801D		08F00901		08F01201		08F01301		09F00402		09F00601		09F00701		09F01501		09F01601	
Lab ID	882641		873053		873265		876944		872971		872655		872972		876945		876946	
Sampling Date	12-Feb-98		22-Oct-97		23-Oct-97		5-Dec-97		21-Oct-97		17-Oct-97		21-Oct-97		5-Dec-97		5-Dec-97	
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA		NA		NA	
beta-BHC	NA		NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dieldrin	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Endosulfan I	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Endosulfan II	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Endosulfan sulfate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Endrin	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Endrin aldehyde	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Endrin ketone	NA		NA		NA		NA		NA		NA		NA		NA		NA	
gamma-BHC (Lindane)	NA		NA		NA		NA		NA		NA		NA		NA		NA	
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Heptachlor	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Heptachlor epoxide	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methoxychlor	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Toxaphene	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Herbicides, ug/L																		
2,4 5-TP (Silvex)	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-T	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA	
2,4-D	1.5	U	NA		NA		NA		NA		NA		NA		NA		NA	
2,4-DB	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dalapon	6	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dicamba	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dichloroprop	0.12	J	NA		NA		NA		NA		NA		NA		NA		NA	
Dinoseb	1.5	U	NA		NA		NA		NA		NA		NA		NA		NA	
MCPA	460	J	NA		NA		NA		NA		NA		NA		NA		NA	
MCPP	60	U																
Inorganics, ug/L																		
Aluminum	667		252		412		529		373		129	U	1600		872		405	
Antimony	2.5	U	2.9	U	2.9	U	4.7	U	3.5	J	5.1	J	2.9	U	3.7	U	5	U
Arsenic	3.1	U	96.4		5.9	U	71.1		232		51.5		5.9	U	2.2	U	2.4	J
Barium	23.4	J	4.9	J	18.2	J	25.6	J	8.6	J	13.7	J	11.5	J	13.3	J	10.5	J
Beryllium	0.32	U	0.1	U	0.29	U	0.1	U	0.1	U	0.12	U	0.1	U	0.1	U	0.1	U
Cadmium	0.3	U	0.3	U	0.3	U	0.5	U	0.3	U	0.3	U	0.3	U	0.5	U	0.5	U
Calcium	1130	U	43300		1240	U	11400		48000		53400		2050	U	8060		13100	

TABLE 5
Historical Groundwater Analytical Results
Operable Unit 3
Naval Training Center, Orlando
Orlando, FL

Sample ID	09G01801D		08F00901		08F01201		08F01301		09F00402		09F00601		09F00701		09F01501		09F01601	
Lab ID	882641		873053		873265		876944		872971		872655		872972		876945		876946	
Sampling Date	12-Feb-98		22-Oct-97		23-Oct-97		5-Dec-97		21-Oct-97		17-Oct-97		21-Oct-97		5-Dec-97		5-Dec-97	
Chromium	1.9	J	1.3	J	0.8	U	1.9	U	1.7	J	0.85	J	2.6	J	2.6	U	2.3	U
Cobalt	0.8	U	0.7	U	0.7	U	1.5	J	0.75	J	1.5	J	0.7	U	0.63	J	0.75	J
Copper	0.7	U	4.4	U	0.95	J	4.5	J	42.7		6.3	J	2.6	U	4.4	J	4	J
Iron	5490		410		4080		293		1380		740		1640		284		162	U
Lead	1.6	U	1.9	U	1.9	U	2.2	U	4.2		1.9	U	1.9	U	2.2	U	2.2	U
Magnesium	943	U	4280	U	660	U	2080	U	961	U	2370	U	1560	U	929	U	1080	U
Manganese	104	U	18.9		51		94.1		62.7		39		38.4		46.4		44.5	
Mercury	0.1	U	0.1	U	0.13	U	0.15	U	0.12	J	0.1	U	0.1	U	0.14	U	0.12	U
Nickel	1.2	U	1.7	J	1.3	U	7.3	J	2	J	2.7	J	4.9	J	5.6	J	3	J
Potassium	259	U	4720	J	222	U	1140	U	4120	U	2350	U	3280	U	179	U	810	U
Selenium	3.6	U	4.4	U	4.4	U	4	U	4.4	U	4.4	U	4.4	U	4	U	4	U
Silver	0.7	U	0.8	U	0.8	U	0.7	U	0.8	U	0.95	J	0.8	U	0.7	U	0.7	U
Sodium	8240	U	21700	U	7390	U	8660	U	3150	U	5120	U	6090	U	7890		10500	U
Thallium	4.2	U	5	U	5	U	3.7	U	5	U	5	U	5	U	3.7	U	3.7	U
Vanadium	1.6	J	2.3	J	2.6	J	1.2	J	1.5	J	1.7	J	0.8	J	0.93	J	3.1	J
Zinc	1	U	39.9	UJ	9.5	U	16.8	U	55.9	UJ	35.3	UJ	8.3	UJ	39.6	U	23.8	U
General Chemistry, mg/L																		
Total Organic Carbon	5.94		NA		NA		NA		NA		NA		NA		NA		NA	
Total Suspended Solids	4	U	NA		NA		NA		NA		NA		NA		NA		NA	

R4706993

CTO 0024

06/28/99

ATTACHMENT A

GROUNDWATER SAMPLE LOG SHEETS
March 10–16, 1999

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC080510G
Sample Location: OLD-08005
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/10/99 Time: 1550	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Paristaltic Pump	Clear	5.68	0.125	19.8	0	0.31	0	

PURGE DATA

Date: 3/10/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.92	0.181	20.5	0	1.55	0	
Monitor Reading (ppm): 0	1	5.58	0.127	20.1	0	1.24	0	
Well Casing Diameter: 1/2 in	2	5.70	0.127	20.3	0	0.66	0	
Well Casing Material: PVC	3	5.70	0.127	20.3	0	0.55	0	
Total Well Depth (TD): 10	4	5.70	0.126	20.2	0	0.39	0	
Static Water Level (WL): 2.47	5	5.69	0.125	20.0	0	0.36	0	
One Casing Volume(gal/L):	6	5.69	0.125	19.9	0	0.31	0	
Start Purge (hrs): 1410	6.5	5.68	0.125	19.9	0	0.34	0	
End Purge (hrs): 1550	7	5.68	0.125	19.8	0	0.31	0	
Total Purge Time (min): 100								
Total Vol. Purged (gal/L): 3.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 Liter Amber	✓
Metals	HNO_3	2 - 500 ml plastic	✓

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G0610
Sample Location: OLD-08-06
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/11/99 Time: 0950	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	5.65	0.152	21.1	0	0.20	0	NA

PURGE DATA

Date: 3/11/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	5.68	0.153	20.9	0	1.32	0	
Monitor Reading (ppm): 0	1	5.67	0.152	20.8	0	0.54	0	
Well Casing Diameter: 1/2 in	2	5.66	0.152	20.9	0	0.34	0	
Well Casing Material: PVC	3	5.66	0.151	21.0	0	0.28	0	
Total Well Depth (TD): 10	3.3	5.66	0.152	21.0	0	0.24	0	
Static Water Level (WL): 3.75	3.6	5.66	0.152	21.0	0	0.22	0	
One Casing Volume(gal/L): 0.35	4	5.66	0.152	21.0	0	0.21	0	
Start Purge (hrs): 0850	4.3	5.65	0.152	21.1	0	0.20	0	
End Purge (hrs): 0945								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L): 1.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 liter Amber	X
Metals	HNO_3	2 500ml plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
		John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G01710
Sample Location: OLD-08-17
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/11/99 Time: 1122	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic Pump	Clear	6.05	0.236	21.9	0	0.15	0	

PURGE DATA

Date: 3/11/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	N/A	~~0.236~~				→	
Monitor Reading (ppm): 0	1	6.02	~~2.56~~	22.2	0	6.37	0	
Well Casing Diameter: 1/2"	2	6.05	0.236	22.0	0	0.23	0	
Well Casing Material: PVC	3	6.06	0.236	22.0	0	0.23	0	
Total Well Depth (TD): 10	4	6.06	0.236	21.9	0	0.15	0	
Static Water Level (WL): 3.59	4.5	6.05	0.236	21.9	0	0.14	0	
One Casing Volume(gal/L): 0.36	5	6.05	0.236	21.9	0	0.15	0	
Start Purge (hrs): 1025								
End Purge (hrs): 1122								
Total Purge Time (min): 57								
Total Vol. Purged (gal/L): 1.8								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 liter Amber	
Metals	HNO_3	2 - 500ml plastic	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G0810
Sample Location: OLD-08-08
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/11/99 Time: 1230	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	6.38	0.325	22.9	0	0.16	0.01	NA

PURGE DATA

Date: 3/11/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	NA						
Monitor Reading (ppm): 0	1	6.39	0.329	23.0	0	1.18	0.01	
Well Casing Diameter: 1/2"	2	6.38	0.331	23.0	0	0.18	0.01	
Well Casing Material: PVC	3	6.38	0.328	23.0	0	0.15	0.01	
Total Well Depth (TD): 10	3.5	6.38	0.326	23.0	0	0.17	0.01	
Static Water Level (WL): 3.74	4	6.38	0.325	22.9	0	0.16	0.01	
One Casing Volume(gal/L): 0.35								
Start Purge (hrs): 1048								
End Purge (hrs): 1230								
Total Purge Time (min): 42								
Total Vol. Purged (gal/L): 1.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 liter Amber	
Metals	HNO_3	2 500ml plastic	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08~~0~~G210
Sample Location: OLD-08-02
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/11/99 Time: 1455	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Peristaltic pump	Clear	6.25	0.327	20.8	0	0.05	0.01	NA

PURGE DATA

Date: 3/11/99	~~Volume~~ Gals	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	0 ~~Initial~~	6.14	0.320	21.8	0	0.38	0.01	3.70
Monitor Reading (ppm): 0	1.5	6.24	0.329	21.0	0	0.08	0.01	3.75
Well Casing Diameter: 2"	2.5	6.24	0.329	20.9	0	0.06	0.01	3.75
Well Casing Material: PVC	3.5	6.25	0.326	20.9	0	0.04	0.01	3.75
Total Well Depth (TD): 13.5	4.5	6.25	0.327	20.9	0	0.04	0.01	3.75
Static Water Level (WL): 3.64	5.5	6.25	0.327	20.8	0	0.05	0.01	3.75
One Casing Volume(gal/L): 5.2								
Start Purge (hrs): 1405								
End Purge (hrs): 1455								
Total Purge Time (min): 50 min								
Total Vol. Purged (gal/L): 6 gal								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1 L Amber	
Metals	HNO_3	2	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08C0410
Sample Location: OLD-08-04
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/11/99 Time: 1620	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Peristaltic pump	Clear	5.72	0.155	21.3	0	0.19	0.00	NA

PURGE DATA

Date: 3/11/99	~~Volume~~ Gal	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	~~Initial~~ 1.0	5.74	0.172	21.5	6	0.16	0.00	3.65
Monitor Reading (ppm): 0	~~1~~ 2.0	5.75	0.162	21.5	0	0.28	0.00	3.59
Well Casing Diameter: 2"	~~2~~ 3.0	5.74	0.158	21.4	0	0.19	0.00	3.60
Well Casing Material: PVC	~~3~~ 4.0	5.73	0.157	21.4	0	0.19	0.00	3.60
Total Well Depth (TD): 13.5	4.5	5.72	0.155	21.4	0	0.18	0.00	3.60
Static Water Level (WL): 3.41	5.0	5.72	0.155	21.3	0	0.19	0.00	3.60
One Casing Volume(gal/L): 5.3								
Start Purge (hrs): 1528								
End Purge (hrs): 1620								
Total Purge Time (min): 52								
Total Vol. Purged (gal/L): 5.0								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 lite Amber	
Metals	~~HCL~~ HNO3	2-500ml plastic	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.: NTC08DP010	Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G0310
Sample Location: OLD-08-03
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/11/99 Time: 1741	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: peristaltic pump	Clear	5.72	0.199	20.9	0	0.09	0	NA

PURGE DATA

Date: 3/11/99	~~Volume~~ Gals	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	Initial 0.3	5.67	0.240	21.4	0	0.24	0	3.35
Monitor Reading (ppm): 0	1.0	5.71	0.226	21.2	0	0.19	0	3.36
Well Casing Diameter: 2"	2.0	5.71	0.213	21.1	0	0.15	0	3.36
Well Casing Material: PVC	3.0	5.72	0.206	21.1	0	0.11	0	3.36
Total Well Depth (TD): 13.5	4.0	5.72	0.202	21.0	0	0.10	0	3.37
Static Water Level (WL): 3.21	4.5	5.72	0.200	21.0	0	0.10	0	3.37
One Casing Volume(gal/L): 5.4 gals	5.0	5.72	0.199	20.9	0	0.09	0	3.37
Start Purge (hrs): 1658								
End Purge (hrs): 1741								
Total Purge Time (min): 43								
Total Vol. Purged (gal/L): 5.0								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	X
Metals	HNO_3	2 - 500 ml plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G1510
Sample Location: OU-08-15
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/12/99	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Time: 1041								
Method: Peristaltic pump	Clear	4.63	0.136	21.5	5	0.51	0	

PURGE DATA

Date: 3/12/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.41	0.129	20.5	0	1.19	0	
Monitor Reading (ppm): 0	1	4.65	0.139	21.4	42	0.55	0	
Well Casing Diameter: 1/2"	2	4.65	0.137	21.4	4	1.30	0	
Well Casing Material: PVC	3	4.65	0.136	21.5	5	0.50	0	
Total Well Depth (TD): 10.85 BTOC	3.1	4.64	0.136	21.5	5	0.49	0	
Static Water Level (WL): 6.18 BTOC	3.2	4.63	0.136	21.5	5	0.51	0	
One Casing Volume(gal/L): 0.3								
Start Purge (hrs): 0845								
End Purge (hrs): 1041								
Total Purge Time (min): 76								
Total Vol. Purged (gal/L): 1.1								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1 L Amber	x
Metals	HNO_3	1 L plastic	x

OBSERVATIONS / NOTES

Stopped purging from 0855 to 0935

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G0110
Sample Location: OLD-08-11
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/12/99 Time: 1448	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Paristaltic pump	Clear	6.04	6.346	22.7	3	0.05	0.01	

PURGE DATA

Date: 3/12/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	NA						
Monitor Reading (ppm): 0	1	4.84	0.342	23.2	0	0.30	0.01	
Well Casing Diameter: 1/2"	2	5.95	0.346	23.0	2	0.10	0.01	
Well Casing Material: PVC	3	6.04	0.347	22.7	1	0.09	0.01	
Total Well Depth (TD): 10	4	6.05	0.346	22.7	3	0.06	0.01	
Static Water Level (WL): 2.64	4.3	6.05	0.346	22.7	4	0.06	0.01	
One Casing Volume(gal/L): 0.4	4.6	6.04	0.346	22.7	3	0.05	0.01	
Start Purge (hrs): 1350	~~5.0~~							
End Purge (hrs): 1446								
Total Purge Time (min): 56								
Total Vol. Purged (gal/L): 1.8								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	
Metals	HNO_3	1 L Plastic	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G1010
Sample Location: OLD-08-10
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/12/99 Time: 1638	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Peristaltic Pump	Clear	5.34	0.133	21.5	5	0.21	0.00	NA

PURGE DATA

Date: 3/12/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	NA						
Monitor Reading (ppm): 0	1	5.38	0.135	22.1	1	1.19	0.00	
Well Casing Diameter: 1/2"	2	5.34	0.135	21.7	4	0.32	0.00	
Well Casing Material: PVC	3	5.35	0.134	21.6	4	0.26	0.00	
Total Well Depth (TD): 10	3.5	5.34	0.133	21.5	5	0.24	0.00	
Static Water Level (WL): 2.37	4.0	5.34	0.133	21.6	5	0.22	0.00	
One Casing Volume(gal/L): 0.4	4.5	5.34	0.133	21.5	5	0.21	0.00	
Start Purge (hrs): 1545								
End Purge (hrs): 1637								
Total Purge Time (min): 52								
Total Vol. Purged (gal/L): 2gal								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1L Amber	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G1510
Sample Location: OLD-09-15
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/13/99 Time: 0944	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.27	0.058	21.1	0	0.18	0	NA

PURGE DATA

Date: 3/13/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.39	0.064	20.4	1	2.19	0	
Monitor Reading (ppm): 0	1	4.23	0.058	20.6	0	1.50	0	
Well Casing Diameter: 1/2"	2	4.27	0.052	20.8	0	0.81	0	
Well Casing Material: PVC	3	4.27	0.058	21.0	0	0.24	0	
Total Well Depth (TD): 10.9	3.5	4.27	0.058	21.1	0	0.19	0	
Static Water Level (WL): 5.9	3.5	4.27	0.058	21.1	0	0.18	0	
One Casing Volume(gal/L): 0.28	4.0	4.27	0.058	21.1	0	0.18	0	
Start Purge (hrs): 0843								
End Purge (hrs): 0944								
Total Purge Time (min): 61								
Total Vol. Purged (gal/L): 1.3								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	
Pesticides	↓	↓	
SVOC	↓	↓	
Metals	HNO_3	1 L Plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G1610
Sample Location: OLD-09-06
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/13/99 Time: 1110	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Paristaltic Pump	Clear	4.81	0.089	21.0	0	0.17	0	NA

PURGE DATA

Date: 3/13/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.79	0.090	21.2	0	2.32	0	
Monitor Reading (ppm): 0	1	4.79	0.090	21.1	0	1.21	0	
Well Casing Diameter: 1/2	2	4.79	0.089	21.0	0	0.28	0	
Well Casing Material: PVC	3	4.80	0.089	21.0	0	0.19	0	
Total Well Depth (TD): 10.88	3.3	4.80	0.088	21.0	0	0.18	0	
Static Water Level (WL): 5.94	3.6	4.81	0.089	21.0	0	0.17	0	
One Casing Volume(gal/L): 0.28								
Start Purge (hrs): 1020								
End Purge (hrs): 1110								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 1.1								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	X
Pesticides			X
SVOCs			X
Metals	HNO_3	1 L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G0110
Sample Location: OLD-08-01
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/13/99 Time: 1248	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear (Yellow)	6.00	0.219	22.3	0	0.33	0	NA

PURGE DATA

Date: 3/13/99	~~Volume~~ Gals	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	~~Initial~~ 0.5	5.98	0.218	22.9	0	3.15	0	3.75
Monitor Reading (ppm): 0	1.0	6.01	0.215	22.6	0	0.33	0	3.75
Well Casing Diameter: 2"	1.5	6.01	0.217	22.5	0	0.36	0	3.75
Well Casing Material: PVC	2.0	6.01	0.218	22.5	0	0.33	0	3.75
Total Well Depth (TD): 13.5	2.5	6.00	0.219	22.4	0	0.32	0	3.75
Static Water Level (WL): 3.66	3.0	6.00	0.219	22.3	0	0.33	0	3.75
One Casing Volume(gal/L): 5.3								
Start Purge (hrs): 1215								
End Purge (hrs): 1248								
Total Purge Time (min): 33								
Total Vol. Purged (gal/L): 3.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	X
Metals	HNO_3	1 L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.: NTC08DP002	Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G0110
Sample Location: OLD-09-01
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/13/99 Time: 1519	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	6.06	0.624	22.5	0	0.13	0.02	NA

PURGE DATA

Date: 3/13/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	~~Initial~~	5.99	0.610	22.9	0	0.19	0.02	4.05
Monitor Reading (ppm): 0	1.05	6.00	0.606	22.9	0	0.16	0.02	4.05
Well Casing Diameter: 2"	1.0	6.00	0.602	22.8	0	0.15	0.02	4.05
Well Casing Material: PVC	1.5	6.04	0.616	22.6	0	0.16	0.02	4.05
Total Well Depth (TD): 13.5	2.0	6.06	0.624	22.5	0	0.14	0.02	4.06
Static Water Level (WL): 3.95	2.5	6.06	0.624	22.5	0	0.13	0.02	4.06
One Casing Volume(gal/L): 5.5	2.8	6.06	0.624	22.5	0	0.13	0.02	4.06
Start Purge (hrs): 1450								
End Purge (hrs): 1518								
Total Purge Time (min): 28								
Total Vol. Purged (gal/L): 2.8								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1 L Amber	X
Pesticide	↓	↓	X
SVOC	↓	↓	X
Metals	HNO_3	2-500ml Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G0210
Sample Location: OLD-09-02
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/13/99 Time: 1630	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Brown	4.80	0.073	23.0	0	0.24	0	NA

PURGE DATA

Date:	~~Volume~~ Gals	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	Initial	4.84	0.078	22.6	0	1.22	0.00	6.71
Monitor Reading (ppm):	0.1	4.82	0.081	22.7	0	0.17	0.0	6.81
Well Casing Diameter:	0.7	4.82	0.080	22.8	0	0.15	0.0	6.85
Well Casing Material:	1.0	4.82	0.079	22.9	0	0.15	0.0	6.85
Total Well Depth (TD):	1.2	4.83	0.076	23.0	0	0.22	0.0	7.86
Static Water Level (WL):	1.5	4.83	0.073	23.0	0	0.23	0.0	7.30
One Casing Volume(gal/L):	1.4	4.80	0.073	23.0	0	0.24		7.50
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1 L Amber	
Pesticide	↓	↓	
SVOC	↓	↓	
Metals	HNO_3	2 500ml Plastic	

OBSERVATIONS / NOTES

excessive drawdown (> 0.3 ft) @ 100 ml/min

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G0710
Sample Location: OLD-09-07
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/15/99 Time: 0828	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.47	0.169	20.9	0	0.15	0	

PURGE DATA

Date: 3/15/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	NA						
Monitor Reading (ppm): 0	1	4.57	0.166	20.7	0	1.41	0	
Well Casing Diameter: 1/2	2	4.51	0.163	20.7	0	0.26	0	
Well Casing Material: PVC	3	4.48	0.168	20.9	0	0.17	0	
Total Well Depth (TD): ~~3.70~~ 10	3.3	4.47	0.168	20.9	0	0.16	0	
Static Water Level (WL): 3.70	3.7	4.47	0.169	20.9	0	0.15	0	
One Casing Volume(gal/L): 0.35								
Start Purge (hrs): 0730								
End Purge (hrs): 0828								
Total Purge Time (min): 58								
Total Vol. Purged (gal/L): 1.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Metals	HNO_3	2 500ml Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:
X	

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G01310
Sample Location: OLD-08-13
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/15/99 Time: 1048	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.77	0.094	19.7	0	4.15	0	

PURGE DATA

Date: 3/15/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	~~4.79~~	~~0.101~~	~~19.7~~	~~188~~	~~2.55~~	~~0~~	
Monitor Reading (ppm): 0	1	4.79	0.099	19.7	0	4.11	0	
Well Casing Diameter: 1/2	2	4.77	0.097	19.5	0	4.41	0	
Well Casing Material: PVC	3	4.77	0.094	19.7	0	4.15	0	
Total Well Depth (TD): 10.86								
Static Water Level (WL): 5.11								
One Casing Volume(gal/L): 0.32								
Start Purge (hrs): 1055								
End Purge (hrs): 1147								
Total Purge Time (min): 52								
Total Vol. Purged (gal/L): 0.9								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Metals	HNO_3	2-500ml Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): [signature]

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC08G1410
Sample Location: GLD-08-14
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/15/99 Time: 1000	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic Pump	lt brown	4.47	0.175	15.7	5	5.37	0	

PURGE DATA

Date: 3/15/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.46	0.183	17.2	184	9.11	0	
Monitor Reading (ppm): 0	1	4.48	0.182	16.2	110	5.06	0	
Well Casing Diameter: 1/2"	2	4.47	0.175	15.7	5	5.37	0	
Well Casing Material: PVC	3							
Total Well Depth (TD): 11								
Static Water Level (WL): 6.35								
One Casing Volume(gal/L): 0.26								
Start Purge (hrs): 0915								
End Purge (hrs): 0959								
Total Purge Time (min): 44								
Total Vol. Purged (gal/L): 0.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Metals	HNO_3	2 500ml plastic	X

OBSERVATIONS / NOTES

Well not maintaining constant recharge ∴ turbidity + DO not considered for stabilization, well sampled after 2 volumes

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): J. Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTCO9G0410
Sample Location: OLD-09-04
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/13/99 Time: 1743	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: Paristaltic Pump	Clear	5.63	0.262	22.7	0	0.08	0.01	N/A

PURGE DATA

Date: 3/13/99	~~Volume~~	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	WL
Method: paristaltic pump	400	5.65	0.260	22.5	0	2.73	0.00	6.85
Monitor Reading (ppm): 0	900	5.64	0.255	22.7	0	0.23	0.00	8.09
Well Casing Diameter: 2"	1400	5.64	0.260	22.8	0	0.14	0.00	8.15
Well Casing Material: PVC	1900	5.63	0.263	22.7	0	0.09	0.01	8.22
Total Well Depth (TD): 12	2400	5.63	0.263	22.7	0	0.07	0.01	8.30
Static Water Level (WL): 6.56	2700	5.63	0.262	22.7	0	0.08	0.01	8.41
One Casing Volume(gal/L):								
Start Purge (hrs): 1710								
End Purge (hrs): 1743								
Total Purge Time (min): 33								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	X
Pesticides	↓	↓	X
SVOCs	↓	↓	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G01410
Sample Location: OLD-09-14
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/15/99 Time: 1416	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.47	0.110	19.4	0	0.20	0	

PURGE DATA

Date: 3/15/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.46	0.114	18.2	0	1.26	0	
Monitor Reading (ppm): 0	1	4.46	0.111	19.2	0	0.30	0	
Well Casing Diameter: 1/2	2	4.46	0.111	19.2	0	0.29	0	
Well Casing Material: PVC	3	4.47	0.110	19.3	0	0.21	0	
Total Well Depth (TD): 10.78	3.5	4.47	0.110	19.3	0	0.19	0	
Static Water Level (WL): 6.22	4.0	4.47	0.110	19.4	0	0.20	0	
One Casing Volume(gal/L): 0.25								
Start Purge (hrs): 1335								
End Purge (hrs): 1415								
Total Purge Time (min): 40								
Total Vol. Purged (gal/L): 1.0								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Pesticide	↓	↓	X
SVOC	↓	↓	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC0901010 G
Sample Location: OLD-09-10
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/15/99 Time: 1542	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.82	0.127	20.9	0	0.30	0	

PURGE DATA

Date: 3/15/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	NA						
Monitor Reading (ppm): 0	1	4.76	0.115	20.6	0	0.83	0	
Well Casing Diameter: 1/2	2	4.79	0.124	20.9	0	0.36	0	
Well Casing Material: PVC	3	4.81	0.127	20.9	0	0.30	0	
Total Well Depth (TD): 10	3.1	4.81	0.127	20.8	0	0.30	0	
Static Water Level (WL): 3.48	3.3	4.82	0.127	20.9	0	0.30	0	
One Casing Volume(gal/L): 0.36	~~3.6~~	~~4.8~~						
Start Purge (hrs): 1455								
End Purge (hrs): 1541								
Total Purge Time (min): 46								
Total Vol. Purged (gal/L): 1.3								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1L Amber	X
Pesticides	↓	↓	X
SVOCs	↓	↓	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): [signature]

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G0510
Sample Location: OLD09-05
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/15/99 Time: 1659	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	5.16	0.333	20.7	0	0.26	0.01	NA

PURGE DATA

Date: 3/15/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	5.11	0.286	20.3	0	1.21	0	
Monitor Reading (ppm): 0	1	5.13	0.286	20.4	0	0.57	0.01	
Well Casing Diameter: 1/2	2	5.14	0.293	20.5	0	0.39	0.01	
Well Casing Material: PVC	3	5.15	0.327	20.7	0	0.26	0.01	
Total Well Depth (TD): 10	3.3	5.16	0.331	20.6	0	0.25	0.01	
Static Water Level (WL): 3.28	3.8	5.16	0.333	20.7	0	0.26	0.01	
One Casing Volume(gal/L): 0.37								
Start Purge (hrs): 1620								
End Purge (hrs): 1659								
Total Purge Time (min): 39								
Total Vol. Purged (gal/L): 1.6								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	2 1-L Ambers	
Pesticide	↓	↓	
SVOC	↓	↓	
Metals	HNO_3	2 1L Plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.: NTC09DP001

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC0900610
Sample Location: OLD-09-06
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/16/99 Time: 0824	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.76	0.124	19.6	0	0.46	0.00	NA

PURGE DATA

Date: 3/16/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	NA
Method: paristaltic pump	Initial	4.62	0.092	18.7	0	2.57	0.00	
Monitor Reading (ppm): 0	1	4.77	0.098	19.3	0	0.49	0.00	
Well Casing Diameter: 1/2	2	4.63	0.109	19.2	0	0.44	0.00	
Well Casing Material: PVC	3	5.06	0.130	19.7	0	0.22	0.00	
Total Well Depth (TD): 10	3.8	4.73	0.125	19.8	0	0.67	0.00	
Static Water Level (WL): 2.74	4.0	4.73	0.125	19.7	0	0.65	0.00	
One Casing Volume(gal/L): 0.4	4.2	4.74	0.124	19.7	0	0.54	0.00	
Start Purge (hrs): 0714	4.5	4.76	0.124	19.6	0	0.47	0.00	
End Purge (hrs): 0823	4.8	4.76	0.124	19.6	0	0.46	0.00	
Total Purge Time (min): 71								
Total Vol. Purged (gal/L): 2								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicides	None	1 L Amber	X
Pesticides	↓	↓	X
SVOCs	↓	↓	X
Metals	HNO_3	1 L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G1810
Sample Location: OLD-09-18
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/16/99 Time: 1007	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.65	0.062	23.1	0	0.41	0	

PURGE DATA

Date: 3/16/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.76	0.064	21.2	0	3.65	0	
Monitor Reading (ppm): 0	1	4.69	0.062	22.5	0	0.81	0	
Well Casing Diameter: 1/2	1.5	4.67	0.061	22.8	0	0.62	0	
Well Casing Material: PVC	1.8	4.66	0.061	22.8	0	0.57	0	
Total Well Depth (TD): 30.10	2.0	4.66	0.061	22.9	0	0.54	0	
Static Water Level (WL): 23.34	2.3	4.64	0.062	23.0	0	0.47	0	
One Casing Volume(gal/L): 0.37	2.5	4.66	0.062	23.1	0	0.40	0	
Start Purge (hrs): 0915	2.8	4.65	0.062	23.1	0	0.43	0	
End Purge (hrs): 1000	3.0	4.65	0.062	23.1	0	0.41	0	
Total Purge Time (min): 45								
Total Vol. Purged (gal/L): 1.2								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Pesticide	↓	↓	X
SVOC	↓	↓	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC090131 G
Sample Location: OLD-09-13
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/16/99 Time: 1128	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	4.39	0.062	24.4	4	0.26	0.00	NA

PURGE DATA

Date: 3/16/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.42	0.059	23.7	4	0.84	0.00	
Monitor Reading (ppm): 0	1	4.38	0.061	24.1	5	0.41	0.00	
Well Casing Diameter: 1/2	1.5	4.39	0.062	24.2	4	0.36	0.00	
Well Casing Material: PVC	1.7	4.39	0.062	24.4	4	0.27	0.00	
Total Well Depth (TD): 29	2.0	4.39	0.062	24.4	4	0.27	0.00	
Static Water Level (WL): 22.64	2.1	4.39	0.062	24.4	4	0.26	0.00	
One Casing Volume(gal/L): 0.35								
Start Purge (hrs): 1052								
End Purge (hrs): 1127								
Total Purge Time (min): 35								
Total Vol. Purged (gal/L): 1.0								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	
Pesticide			
SVOC			
Metals	HNO_3	1L Plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): [signature]

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G0710
Sample Location: OLD-09-07
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/16/99 Time: 1342	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: peristaltic pump	Yellow	4.40	0.098	23.6	11	0.21	0.00	NO

PURGE DATA

Date: 3/16/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	4.47	0.091	23.7	38	0.73	0.00	
Monitor Reading (ppm): 0	1	4.43	0.095	23.5	19	1.42	0.00	
Well Casing Diameter: 1/2"	2	4.41	0.097	23.7	15	0.39	0.00	
Well Casing Material: PVC	3	4.40	0.098	23.6	12	0.24	0.00	
Total Well Depth (TD): 10	3.5	4.40	0.098	23.6	12	0.23	0.00	
Static Water Level (WL): 5.15	4.0	4.40	0.098	23.6	11	0.21	0.00	
One Casing Volume(gal/L): 0.27								
Start Purge (hrs): 1300								
End Purge (hrs): 1350								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 1.1								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Pesticide	↓	↓	X
SVOC	↓	↓	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD X
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G1110
Sample Location: OLD-09-11
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/16/99 Time: 1535	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	5.48	0.194	22.7	0	0.31	0.00	

PURGE DATA

Date: 3/16/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	5.69	0.228	23.3	162	2.95	0.00	
Monitor Reading (ppm): 0	1	5.49	0.192	22.9	17	0.82	0.00	
Well Casing Diameter: 1/2	2	5.49	0.192	22.9	10	0.29	0.00	
Well Casing Material: PVC	3	5.48	0.194	22.7	2	0.30	0.00	
Total Well Depth (TD): 10	4	5.48	0.194	22.7	1	0.31	0.00	
Static Water Level (WL): 3.77	4.3	5.48	0.194	22.7	0	0.31	0.00	
One Casing Volume(gal/L): 0.35								
Start Purge (hrs): 1439								
End Purge (hrs): 1534								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L): ~~1535~~ 1.7								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	1L Amber	X
Pesticide	↓	↓	X
SVOC	↓	↓	X
Metals	HNO_3	1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): John Hofer

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC09G1210
Sample Location: OLD-09-12
Sampled By: J. Hofer
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 3/16/99 Time: 1725	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO	Salinity	Eh mV
Method: paristaltic pump	Clear	3.77	0.210	22.3	3	0.50	0.00	NA

PURGE DATA

Date: 3/16/99	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	
Method: paristaltic pump	Initial	3.72	0.206	22.7	6	1.52	0.00	
Monitor Reading (ppm): 0	1	3.71	0.215	22.5	20	0.74	0.00	
Well Casing Diameter: 1/2	2	3.73	0.216	22.3	33	0.34	0.00	
Well Casing Material: PVC	3	3.76	0.213	22.3	28	0.32	0.00	
Total Well Depth (TD): 10	3.3	3.75	0.213	22.3	19	0.38	0.00	
Static Water Level (WL): 4.02	3.6	3.76	0.212	22.3	15	0.43	0.00	
One Casing Volume(gal/L): 0.33	4.0	3.77	0.211	22.3	10	0.44	0.00	
Start Purge (hrs): 1632	4.3	3.77	0.211	22.3	6	0.46	0.00	
End Purge (hrs): 1724	4.6	3.77	0.210	22.3	5	0.49	0.00	
Total Purge Time (min): 52	5.0	3.77	0.210	22.3	3	0.50	0.00	
Total Vol. Purged (gal/L): 1.5								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Herbicide	None	2 1L Ambers	X
Pesticide	↓	↓	X
SVOC	↓	↓	X
Metals	HNO_3	2 1L Plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD

Duplicate ID No.: NTC09DP002

Signature(s): [signature]