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ENCLOSURE 6 QUARTERLY GROUNDWATER SAMPLING AT STUDY AREA 38 NTC ORLANDO FL
9/1/2009
BARNES, FERLAND AND ASSOCIATES

ENCLOSURE 6

QUARTERLY GROUNDWATER SAMPLING AT SA 38

NAVAL TRAINING CENTER, ORLANDO

September 2009

PREPARED FOR:	Mr. Art Sanford EV3, Environmental Restoration NAVFAC, SE
PREPARED BY:	Barnes, Ferland and Associates Inc.
FIELD TEAM:	Darren Miller, Damian Allen
CONTRACT NUMBER:	N69450-08-R-8001
TASK ORDER NUMBER:	0002
TASK ORDER MANAGER:	John W. Willis, MS, P.G.
SUBMITTAL DATE:	November 2009

SIGNATURE PAGE

We, the undersigned, do hereby affirm that the information contained in this report is accurate and correct to the best of our knowledge and belief.

	Feb 15, 2010	PG-FL 1770
John Willis Senior Geologist Barnes Ferland and Associates Inc.	Date	Registration No

Darren Miller Field Supervisor Barnes Ferland and Associates Inc.	Date

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Appendix A: September 2009 Purging and Groundwater Sampling Logs
Appendix B: September 2009 Analytical Results Reports

1. INTRODUCTION

This report presents the results of the September 2009 groundwater sampling performed by Barnes Ferland and Associates (BFA) at Study Area 38 at the Naval Training Center (NTC) Orlando in Orlando, Florida.

This work was performed under Contract No. N62467-03-G-0297, Contract Task Order (CTO) No. 0002. Field activities were performed in accordance with the *Work Plan: Long Term Monitoring Services at Former Naval Training Center, Orlando, Florida* [BFA, 2008].

2. SUMMARY OF FIELD ACTIVITIES AND RESULTS

2.1 September 2009 Work Plan

STUDY AREA 38 SEPTEMBER EVENT							
	VOLATILES		**NATURAL ATTENUATION**				
	VOCs	TRPH	Nitrate	Nitrite	SO4	Methane	H2
	8260	FL-PRO			Series 300	AM19GA	
OLD-38-49D	x	x					
OLD-38-50C	x	x					
OLD-38-51D	x	x					
OLD-38-52C	x	x					
OLD-38-53D	x	x					
OLD-38-55D	x	x					
OLD-38-54C	x	x	x	x	x	x	x
OLD-38-56C	x	x	x	x	x	x	x
OLD-38-58 (C-1)	x	x	x	x	x	x	x
OLD-38-58 (C-2)	x	x	x	x	x	x	x
OLD -38-59	x						
OLD-38-60	x						
OLD-38-61	x						
OLD-38-62	x						
	14	10	4	4	4	4	4

2.2 Deviations from Work-Plan

None noted

2.3 Water level measurements

Groundwater level measurements were collected from 13 SA38 monitoring wells on September 8, 2009. The CMT wells were not used for groundwater flow measurements.

The groundwater levels and the groundwater elevations calculated from these water levels are shown in **Table 1** and have been plotted graphically along with the groundwater flow directions inferred from these data in **Figure 1.** The flow pattern in the C and D wells is from the west to the east.

2.4 Groundwater Sampling

Groundwater sampling was conducted at SA38 on September 14, 2009. Fourteen (14) monitoring wells were purged and sampled using the low-flow method described in the work plan. **Table 2** contains the field parameters taken at stabilization after the completion of well purging.

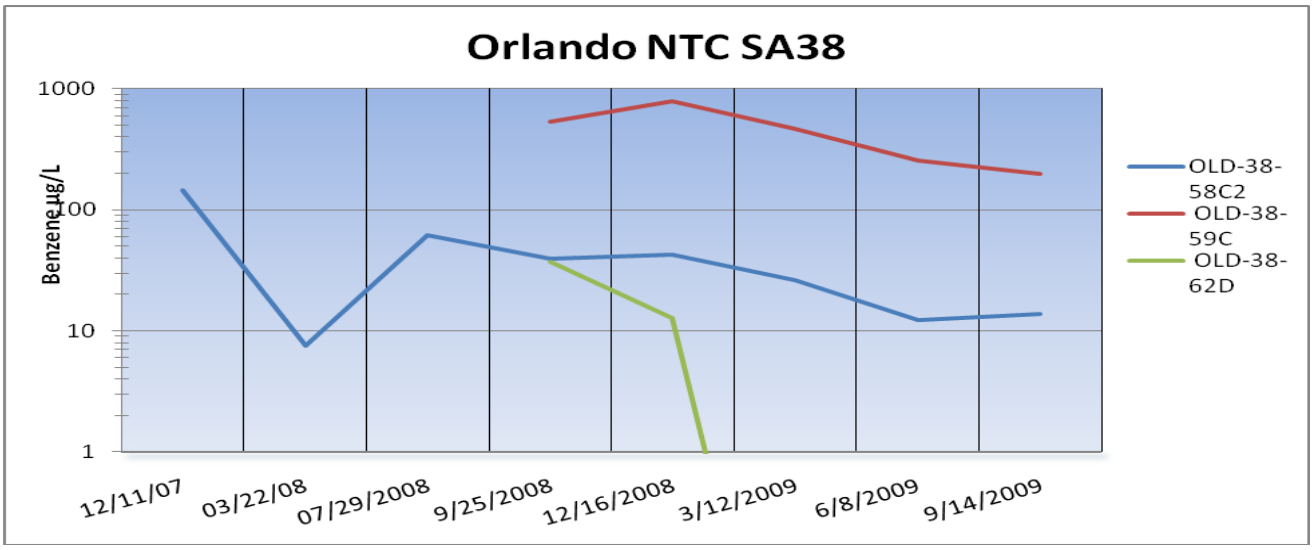
2.5 Analytical Results

Groundwater analyte detections are shown in **Table 3**. For all analytes, the screening criterion is the Florida Department of Environmental Protection FDEP MCLs as given in the Drinking Water Standards (FAC 62-550 table 1), Maximum Contaminant Limits (MCL) for Volatile Organic Compounds) and FAC 62-777 Table V, Natural Attenuation Default Concentrations (NADC). Bolded values within the tables indicate detected analyte concentrations. Yellow highlights indicate results above the FDEP MCL/GCTL and/or 62-777 Groundwater Cleanup Target Levels (GCTL). Orange highlighted values indicate concentrations in excess of FDEP NADC.

Benzene was found above the GCTL of 1 µg/L in OLD-38-58C2 (13.9 µg/L) and OLD-38-59C (198 µg/L). Isopropylbenzene was detected above the GCTL of 0.8 µg/L in OLD-38-58C2 (1.1 µg/L). Naphthalene was detected above the GCTL of 20 µg/L in OLD-38-55D (52.4 µg/L). Hexachlorobutadiene was detected above the GCTL of 0.5 µg/L in OLD-38-52C (0.9 µg/L). Other organics were detected in some of the wells but were below the appropriate GCTL's.

2.6 Evaluation of Natural Attenuation

The sampling results continue to indicate the decrease of the contaminants of concern (BTEX and VOH) in the effected wells. The very low oxygen concentrations and high hydrogen and methane concentrations indicate that conditions are anoxic and reductive dechlorination of the remaining VOH is occurring, but this slows the destruction of the BTEX which require oxygen for efficient biological degradation. All VOH COCs have decreased to below GCTL.



3. CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions:

It is the opinion of BFA that the analytical data indicates the probability that:

1) The Hexachlorobutadiene present in the samples is a lab error since Hexachlorobutadiene occurs mainly as a by-product during the chlorinolysis of butane derivatives in the production of both carbon tetrachloride and tetrachloroethene; Otherwise the VOH concentrations have dropped to undetectable levels and are no longer an issue at this site;
2) The BTEX contamination present represents a detached plume that escaped the source areas before remediation efforts were successful in reducing and then eliminating the sources;
3) The center of the detached BTEX plume has passed well OLD-38-59C but has not reached the downgradient wells 60C or 61C.

3.2 Recommendations:

Based on our observations and the analytical data to date, the following is recommended for this site:

The sampling of the SA38 wells from 58C2 through 62D for volatile Organic Carbons should continue until GCTL is met in all of the site's monitoring wells.

The COC list could be reduced to the 602 parameters (hydrocarbon fuel constituents).

TABLES

Table 1	Groundwater Elevations Summary
Table 2	Field Parameters
Table 3	Analytical results in Groundwater

Table 1 Study Area 38
Groundwater Elevations, September 2009

WELL ID	Date Sampled	Well DIA	Screen Interval (ft.) (BGS)	TOC Elevation (ft) (AMSL)	Depth-to-Water (ft) (BTOC)	Groundwater Elevation (ft) (AMSL)
OLD-38-49D	9/8/2009	2”	57’-62’	113.33	7.30	106.03
OLD-38-50C	9/8/2009	1”	33’-38’	113.87	7.90	105.97
OLD-38-51D	9/8/2009	1”	45’-50’	113.88	7.90	105.98
OLD-38-52C	9/8/2009	1”	35’-40’	114.32	8.25	106.07
OLD-38-53D	9/8/2009	1”	44’-49’	114.33	8.25	106.08
OLD-38-54C	9/8/2009	1”	35’-40’	112.50	5.74	106.76
OLD-38-55D	9/8/2009	1”	45’-50’	112.53	5.78	106.75
OLD-38-56C	9/8/2009	1"	30’-35’	114.65	7.85	106.80
OLD-38-57A	9/8/2009	1"	5’-15’	113.70	4.16	109.54
OLD-38-58 (C-1)	9/8/2009	0.375"	30'-35'	113.18	NM	
OLD-38-58 (C-2)	9/8/2009	0.375"	40'-45'	113.19	NM	
OLD-38-59C	9/8/2009	1.5”	35’-40’	106.09	2.29	103.78
OLD-38-60C	9/8/2009	1.5”	30’-35’	105.94	3.51	102.42
OLD-38-61C	9/8/2009	1.5”	30’-35’	105.73	4.17	101.54
OLD-38-62D	9/8/2009	1.5”	55’-60’	106.31	3.52	102.77

Notes:
All measurements are in units of feet.
BGS - Below ground surface.
BTOC - Below top of casing
NM - Not measured.

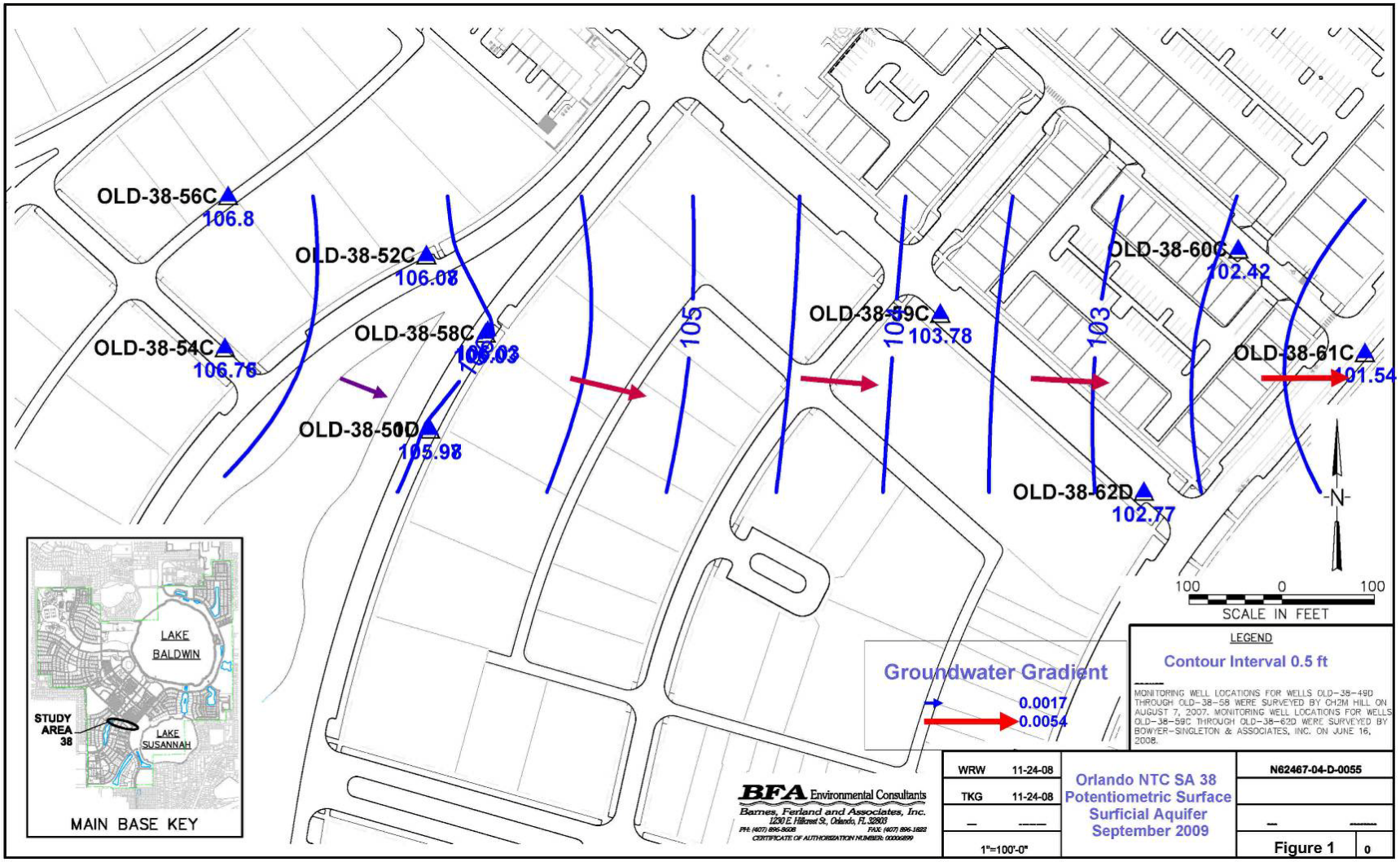
Table 2 Study Area 38 Field Parameters, September 2009

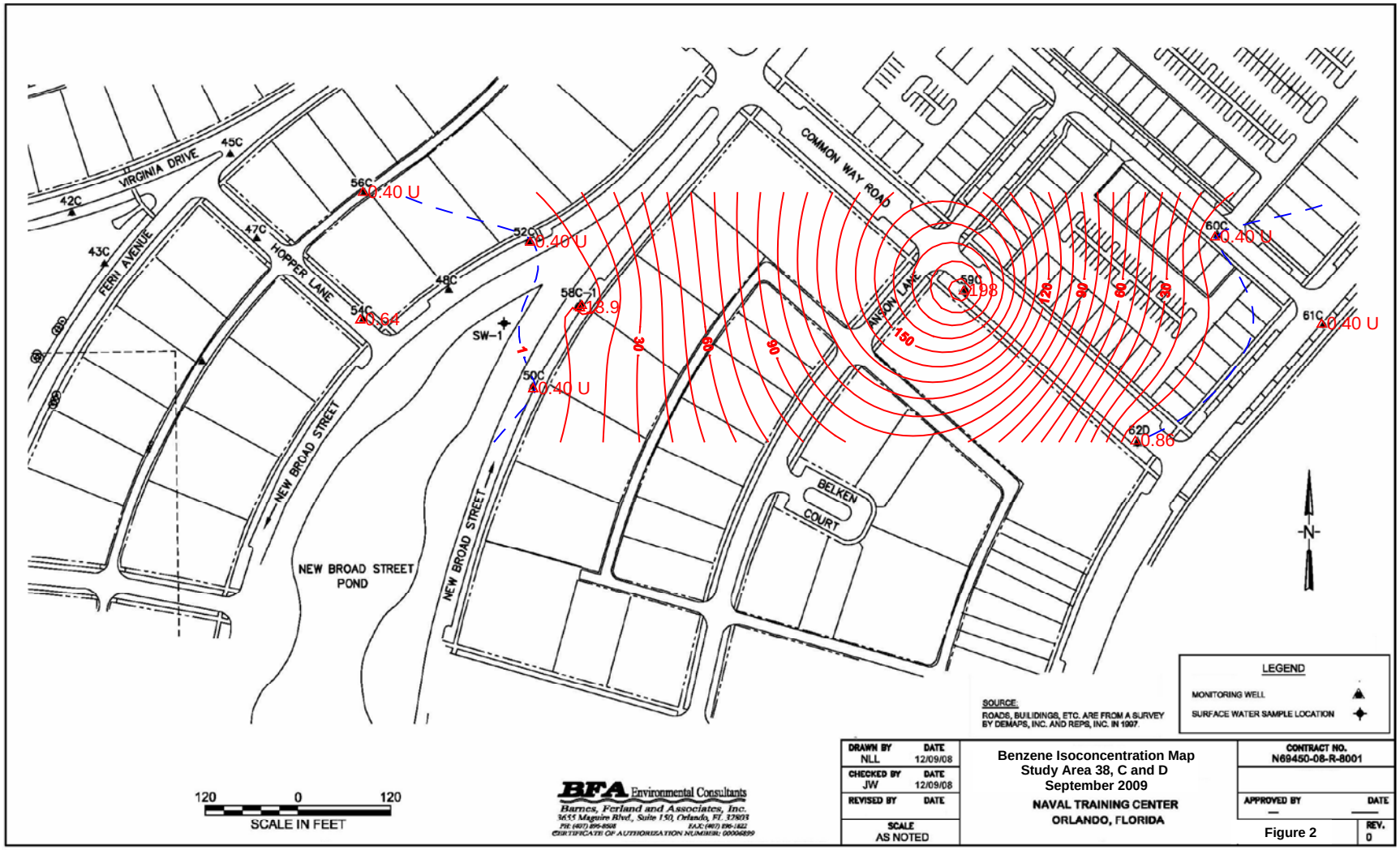
Well ID	Date	DO mg/l	Temp °C	Conductivity µS	pH	ORP mv	Turbidity NTU
OLD-38-49D	**9/14/2009**	**0.41**	**27.66**	**216.0**	**4.56**	**173.7**	**8.17**
OLD-38-50C	**9/14/2009**	**0.82**	**26.64**	**173.0**	**4.09**	**174.8**	**3.13**
OLD-38-51D	**9/14/2009**	**0.36**	**26.73**	**209.0**	**4.06**	**178.5**	**4.87**
OLD-38-52C	**9/14/2009**	**0.16**	**27.65**	**277.7**	**4.42**	**139.0**	**0.6**
OLD-38-53D	**9/14/2009**	**0.15**	**27.18**	**273.7**	**4.47**	**139.0**	**0.3**
OLD-38-54C	**9/14/2009**	**0.09**	**27.08**	**118.4**	**4.68**	**103.0**	**0.5**
OLD-38-55D	**9/14/2009**	**0.20**	**27.23**	**140.0**	**4.94**	**58.0**	**8.8**
OLD-38-56C	**9/14/2009**	**0.01**	**26.85**	**122.1**	**4.37**	**150.0**	**1.6**
OLD-38-58 (C-1)	**9/14/2009**	**0.37**	**27.35**	**664.0**	**5.98**	**169.1**	**1.35**
OLD-38-58 (C-2)	**9/14/2009**	**0.50**	**27.58**	**514.0**	**5.82**	**175.2**	**2.68**
OLD-38-59C	**9/14/2009**	**0.42**	**27.47**	**107.0**	**4.74**	**178.3**	**2.14**
OLD-38-60C	**9/14/2009**	**0.06**	**27.35**	**218.8**	**4.55**	**108.0**	**0.6**
OLD-38-61C	**9/14/2009**	**0.08**	**28.52**	**160.3**	**5.41**	**41.0**	**2.5**
OLD-38-62D	**9/14/2009**	**4.7**	**27.01**	**200.0**	**4.43**	**182.6**	**6.02**

Orlando NTC SA 38			**Well ID**		OLD-38-49D	OLD-38-50C	OLD-38-51D	OLD-38-52C	OLD-38-53D		OLD-38-54C	OLD-38-55D	OLD-38-56C	OLD-38-58C1	OLD-38-58C2	OLD-38-59C	OLD-38-60C	OLD-38-61C	OLD-38-62D
Analytical results September, 2009			**Lab ID**		F67999-3	F67999-1	F67999-2	F67999-9	F67999-10	F67999-11	F67999-13	F67999-12	F67999-8	F67999-4	F67999-5	F67999-6	F67999-14	F67999-15	F67999-7
Chemical Name	CAS No.	Units	GCTL	NADSC	9/14/2009	9/14/2009	9/14/2009	9/14/2009	9/14/2009	Duplicate	9/14/2009	9/14/2009	9/14/2009	9/14/2009	9/14/2009	9/14/2009	9/14/2009	9/14/2009	9/14/2009
Natural Attenuation Parameters																			
HYDROGEN	1333-74-0	nM/L	*	*	NA	NA	NA	NA	NA	NA	**18**	NA	**8.9**	**3.4**	**3.2**	NA	NA	NA	NA
METHANE	74-82-8	ug/L	*	*	NA	NA	NA	NA	NA	NA	**228**	NA	**48.5**	**2,840**	**777**	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	14797-55-8	ug/L	10,000	100,000	NA	NA	NA	NA	NA	NA	0.050 U	NA	0.050 U	**0.13**	0.050 U	NA	NA	NA	NA
NITROGEN, NITRITE	14797-65-0	ug/L	1,000	10,000	NA	NA	NA	NA	NA	NA	0.050 U	NA	0.050 U	0.050 U	0.050 U	NA	NA	NA	NA
SULFATE (AS SO4)	14808-79-8	ug/L	250,000	2,500,000	NA	NA	NA	NA	NA	NA	**19.2**	NA	**25**	**14.6**	**22.6**	NA	NA	NA	NA
Chlorinated Solvents and Degradation Byproducts																			
CARBON TETRACHLORIDE	56-23-5	ug/L	3	300	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U
CHLOROFORM	67-66-3	ug/L	70	700	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U
TETRACHLOROETHYLENE(PCE)	127-18-4	ug/L	3	300	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U
TRICHLOROETHYLENE	79-01-6	ug/L	3	300	0.32 U	**0.83**	0.32 U	0.32 U	0.32 U	0.32 U	**0.46**	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	ug/L	70	700	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	**0.27**	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U
TRANS-1,2-DICHLOROETHENE	156-60-5	ug/L	100	1,000	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	2.3 U	0.45 U	0.45 U	0.45 U
1,1-DICHLOROETHYLENE	75-35-4	ug/L	7	70	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	2.7 U	0.54 U	0.54 U	0.54 U
VINYL CHLORIDE	75-01-4	ug/L	1	10	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	1.5 U	0.30 U	0.30 U	0.30 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/L	0.2	20	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.1 U	0.21 U	0.21 U	0.21 U
1,1,2-TRICHLOROETHANE	79-00-5	ug/L	5	500	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.3 U	0.26 U	0.26 U	0.26 U
1,1,1-TRICHLOROETHANE	71-55-6	ug/L	5	2,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1.7 U	0.33 U	0.33 U	0.33 U
1,1-DICHLOROETHANE	75-34-3	ug/L	70	700	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.2 U	0.24 U	0.24 U	0.24 U
1,2-DICHLOROETHANE	107-06-2	ug/L	3	300	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U
METHYL CHLORIDE	74-87-3	ug/L	2.7	27	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	3.1 U	0.61 U	0.61 U	0.61 U
CHLOROETHANE	75-00-3	ug/L	12	1,200	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U
METHYLENE CHLORIDE	75-09-2	ug/L	5	500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**7.9****	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	87-68-3	mg/L	0.5	5	0.69 U	0.69 U	0.69 U	**0.9**	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Hydrocarbon Fuel																			
BENZENE	71-43-2	ug/L	1	100	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	**0.64**	0.40 U	0.40 U	**13.9**	**198**	0.40 U	0.40 U	**0.86**
TOLUENE	108-88-3	ug/L	1000	1,0000	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U
ETHYLBENZENE	100-41-4	ug/L	700	7,000	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	**8.5**	2.2 U	0.43 U	0.43 U	0.43 U
XYLENES (TOTAL)	1330-20-7	ug/L	20	200	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	**1.1**	0.78 U	0.78 U	**11.3**	5.8 U	0.78 U	0.78 U	0.78 U
TRPH (C8-C40)	FLPRO	mg/l	5	50	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U	**0.319**	0.17 U	0.16 U	**0.172**	NA	NA	NA	NA
METHYL TERT BUTYL ETHER	1634-04-4	ug/L	20	200	0.26 U	0.26 U	**0.49**	0.26 U	0.26 U	0.26 U	**6.9**	0.26 U	**0.26**	0.26 U	**7.9**	**15.5**	0.26 U	0.26 U	**0.48**
NAPTHELENE	91-20-3	ug/L	20	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3.7**	**52.4**	1.0 U	1.0 U	**6.3**	5.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	95-63-6	mg/L	10	100	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	**0.34**	0.22 U	0.22 U	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U
CHLOROBENZENE	108-90-7	ug/L	100	1,000	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U
N-BUTYLBENZENE	104-51-8	ug/L	*		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	**8.1**	0.28 U	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U
SEC-BUTYLBENZENE	135-98-8	ug/L	*		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	**0.93**	0.25 U	0.25 U	0.25 U	1.3 U	0.25 U	0.25 U	0.25 U
N-PROPYLBENZENE	103-65-1	ug/L	*		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	**1.1**	0.25 U	0.25 U	**2.8**	1.3 U	0.25 U	0.25 U	0.25 U
Hydrocarbon Solvents																			
ACETONE	67-64-1	ug/L	6300	63,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
METHYL ETHYL KETONE	78-93-3	ug/L	4200	42,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U
4-METHYL-2-PENTANONE	108-10-1	ug/L	560	5,600	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	2,0 U	10 U	2,0 U	2,0 U	2,0 U
2-HEXANONE	591-78-6	ug/L	280	2,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U	5.0 U
STYRENE	100-42-5	ug/L	100	1,000	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U
CARBON DISULFIDE	75-15-0	ug/L	700	7,000	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	2.0 U	0.40 U	0.40 U	0.40 U

FIGURES

Figure 1	Potentiometric Map, (C & D) Wells
Figure 2	Groundwater Benzene Isoconcentration Map, (C & D) Wells


OLD-38-56C
106.8
OLD-38-52C
106.08
OLD-38-54C
106.76
OLD-38-58C
106.03
OLD-38-50D
105.98
105
OLD-38-59C
103.78
103
OLD-38-60C
102.42
OLD-38-61C
101.54
OLD-38-62D
102.77
-N-
100 0 100
SCALE IN FEET
LAKE BALDWIN
STUDY AREA 38
LAKE SUSANNAH
MAIN BASE KEY
Groundwater Gradient
0.0017
0.0054
LEGEND
Contour Interval 0.5 ft
MONITORING WELL LOCATIONS FOR WELLS OLD-38-49D THROUGH OLD-38-58 WERE SURVEYED BY CH2M HILL ON AUGUST 7, 2007. MONITORING WELL LOCATIONS FOR WELLS OLD-38-59C THROUGH OLD-38-62D WERE SURVEYED BY BOWYER-SINGLETON & ASSOCIATES, INC. ON JUNE 16, 2008.
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
1200 E. Hillcrest St., Orlando, FL 32803
PH: (407) 896-0026 FAX: (407) 896-1822
CERTIFICATE OF AUTHORIZATION NUMBER: 00006899
WRW 11-24-08
TKG 11-24-08
1"=100'-0"
Orlando NTC SA 38
Potentiometric Surface
Surficial Aquifer
September 2009
N62467-04-D-0055
Figure 1
0
sa38.dwg


VIRGINIA DRIVE
FERN AVENUE
HOPPER LANE
NEW BROAD STREET
NEW BROAD STREET POND
COMMON WAY ROAD
ARGON LANE
BELKEN COURT
45C
42C
43C
47C
56C
0.40 U
52C
0.40 U
48C
54C
0.64
SW-1
58C-1
13.9
50C
0.40 U
59C
1.98
60C
0.40 U
61C
0.40 U
62D
0.86
1
30
60
90
120
150
-N-
LEGEND
MONITORING WELL
SURFACE WATER SAMPLE LOCATION
SOURCE:
ROADS, BUILDINGS, ETC. ARE FROM A SURVEY BY DEMAPS, INC. AND REPS, INC. IN 1997.
120 0 120
SCALE IN FEET
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
DRAWN BY NLL DATE 12/09/08
CHECKED BY JW DATE 12/09/08
REVISED BY DATE
SCALE AS NOTED
Benzene Isoconcentration Map
Study Area 38, C and D
September 2009
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
CONTRACT NO. N69450-08-R-8001
APPROVED BY
DATE
Figure 2
REV. 0

ENCLOSURE 1
APPENDICES

(In Electronic Copies only)

A	*September 2009 Purge Logs*
B	*September 2009 Laboratory Analytical Results*

SA38 Monitoring Report,
Enclosure 6, September 2009,
Appendix A, Purge Logs
(Electronic Copies)

GROUNDWATER SAMPLING LOG

SITE NAME:	Groundwater Sampling at Study Area 36NW	SITE LOCATION:	Orlando
WELL NO:	MW-38C	SAMPLE ID: 07-71009/7:MW-38C:9/15/09_0:0_0:0	DATE: 09/15/2009

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR SAMPLER:
2.00	0.25	30-35	5.30	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.50 feet – 5.30 feet) X 0.16 gallons/foot = 4.93 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.00 gallons+(0.00 gallons/foot X 36.00 feet)+ 0.15 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32.00	32.00	10:47	10:58	1.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:50		0.30	5.90	6.13	-53.00	26.91	884.90	0.02	4.60	yellow	fetid
10:54	0.30	0.60	6.00	6.14	-57.00	26.57	917.90	0.13	3.20	yellow	fetid
10:57	0.30	0.90	6.05	6.14	-60.00	26.46	939.60	0.17	2.00	yellow	fetid

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	.18	TEMP.(°C):	26.43	DO:	0	CO2:	230	DO High Range:	DO Low Range:
SEC(uS/cm):	939.3	pH:	6.15	Alkalinity:	150	Ferrous Iron:	0	CO2 High Range:	DO Low Range:
ORP(mV):	-61	TURB(NTU):	2.9	H2S:	1.86	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	1.75		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Damian Allen	DA	10:58	11:57

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
32.00	344.13	PPE

FIELD DECONTAMINATION: ☑ Y ☐ N
FIELD-FILTERED: ☐ Y ☑ N
Filtration Equipment Type:
FILTER SIZE: NA
DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME:	Groundwater Sampling at Study Area 36NW	SITE LOCATION:	Orlando
WELL NO:	MW-39C	SAMPLE ID: 07-71009/7:MW-39C:9/15/09_0:0_0:0	DATE: 09/15/2009

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR SAMPLER:
2.00	0.13	30-35	6.40	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.50 feet – 6.40 feet) X 0.16 gallons/foot = 4.75 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.00 gallons+(0.00 gallons/foot X 36.00 feet)+ 0.15 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32.00	32.00	14:45	14:57	1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:48		0.30	7.25	6.01	75.00	27.72	322.00	0.03	2.80	clear	none
14:52	0.40	0.70	7.70	6.02	67.00	27.75	322.50	0.08	1.80	clear	none
14:56	0.30	1.00	7.93	6.03	62.00	27.57	321.40	0.20	2.50	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	.21	TEMP.(°C):	27.61	DO:	.8	CO2:	205	DO High Range:	DO Low Range:
SEC(uS/cm):	322	pH:	6.03	Alkalinity:		Ferrous Iron:	0	CO2 High Range:	DO Low Range:
ORP(mV):	61	TURB(NTU):	4.1	H2S:	0	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:	0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Damian Allen	DA	14:57	15:47

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
32.00	347.00	PPE

FIELD DECONTAMINATION:	FIELD-FILTERED:	FILTER SIZE:	DUPLICATE:
☑ Y ☐ N	☐ Y ☑ N Filtration Equipment Type:	NA	☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: MW-41C	SAMPLE ID: F947A0F093714919807F6ED4D8F1A05A		DATE: 09/16/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 30-35	STATIC DEPTH TO WATER (feet): 7.00	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.50 feet – 7.00 feet) X 0.16 gallons/foot = 4.65 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.00 gallons+(0.00 gallons/foot X 33.00 feet)+ 0.15 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.00	PURGING INITIATED AT: 10:33	PURGING ENDED AT: 11:11	TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:03		2.30	7.30	6.75	-83.00	27.16	200.80	0.06	24.10	turbid	organic
11:08	0.30	2.60	7.30	6.49	-65.00	27.12	199.90	0.06	17.90	turbid	organic
11:11	0.15	2.75	7.30	6.39	-58.00	27.17	199.10	0.04	16.80	turbid	organic

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	.03	TEMP.(°C):	27.13	DO:	1.92	CO2:	105	DO High Range:	DO Low Range:
SEC(uS/cm):	199.6	pH:	6.36	Alkalinity:	62	Ferrous Iron:	.6	CO2 High Range:	DO Low Range:
ORP(mV):	-56	TURB(NTU):	16.2	H2S:	.53	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:	.5		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: DA	SAMPLING INITIATED AT: 11:11	SAMPLING ENDED AT: 12:04
PUMP OR TUBING DEPTH IN WELL (feet): 29.00	SAMPLE PUMP FLOW RATE (mL per minute): 298.85	TUBING MATERIAL CODE: PPE	

FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-41C	2	AG	1 L	H2SO4	1 L	6.36	TRPH	APP
MW-41C	1	PE	750 ml	None	750 ml	6.36	Nitrate/Nitrite, Sulfate	APP
MW-41C	3	CG	40 ml	HCL	40 ml	6.36	Methane/ethane/ethene	SM
MW-41C	3	CG	40 ml	HCL	40 ml	6.36	VOCs	SM
MW-41C	1	CG	40 ml	None	40 ml	6.36	Hydrogen	APP

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: MW-42C	SAMPLE ID: 07-71009/7:MW-42C:9/15/09_0:0_0:0		DATE: 09/15/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 30-35	STATIC DEPTH TO WATER (feet): 6.30	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.50 feet – 6.30 feet) X 0.16 gallons/foot = 4.77 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.00 gallons+(0.00 gallons/foot X 36.00 feet)+ 0.15 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.00	PURGING INITIATED AT: 12:50	PURGING ENDED AT: 13:07	TOTAL VOLUME PURGED (gallons): 1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:55		0.50	6.85	5.86	1.00	27.89	128.10	0.09	17.60	yellow	organic
13:01	0.50	1.00	7.05	5.69	9.00	27.56	114.20	0.23	26.20	yellow	organic
13:06	0.50	1.50	7.10	5.62	12.00	27.43	111.10	0.23	27.40	yellow	organic

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	.24	TEMP.(°C):	27.26	DO:	.6	CO2:	150	DO High Range:	DO Low Range:
SEC(uS/cm):	111	pH:	5.62	Alkalinity:	10	Ferrous Iron:	1	CO2 High Range:	DO Low Range:
ORP(mV):	12	TURB(NTU):	23.8	H2S:	.8	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:	.75		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: DA	SAMPLING INITIATED AT: 13:07	SAMPLING ENDED AT: 14:20
PUMP OR TUBING DEPTH IN WELL (feet): 32.00	SAMPLE PUMP FLOW RATE (mL per minute): 356.27	TUBING MATERIAL CODE: PPE	

FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME:	Groundwater Sampling at Study Area 36NW	SITE LOCATION:	Orlando
WELL NO:	MW-43C	SAMPLE ID: 07-71009/7:MW-43C:9/15/09_0:0_0:0	DATE: 09/15/2009

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR SAMPLER:
2.00	0.13	30-35	6.11	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.50 feet – 6.11 feet) X 0.16 gallons/foot = 4.80 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons+(0.00 gallons/foot X 37.00 feet)+ 0.15 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
33.00	33.00	10:48	10:58	1.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:50		0.30	6.82	6.64	171.50	26.32	155.00	1.80	19.50	turbid	organic
10:53	0.30	0.60	6.81	6.66	173.10	26.49	163.00	0.79	46.50	turbid	organic
10:56	0.30	0.90	6.81	6.61	173.30	26.57	167.00	0.60	79.70	turbid	organic

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	0.53	TEMP.(°C):	26.62	DO:	0	CO2:	184	DO High Range:	DO Low Range:
SEC(uS/cm):	168	pH:	6.57	Alkalinity:	16.2	Ferrous Iron:	0.5	CO2 High Range:	DO Low Range:
ORP(mV):	172.5	TURB(NTU):	84.0	H2S:	2.385	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:			

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 10:58	SAMPLING ENDED AT: 11:20
PUMP OR TUBING DEPTH IN WELL (feet): 33.00	SAMPLE PUMP FLOW RATE (mL per minute): 378.54	TUBING MATERIAL CODE: PPE	

FIELD DECONTAMINATION: ☑ Y ☐ N
FIELD-FILTERED: ☐ Y ☑ N
Filtration Equipment Type:
FILTER SIZE: NA
DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
	3	CG	40 ml	HCL	40 ml		VOCs	RFPP
	2	AG	1 L	H2SO4	1 L		TRPH	APP
	3	CG	40 ml	HCL	40 ml		VOCs	RFPP
	3	CG	40 ml	HCL	40 ml		Methane/ethane/ethene	RFPP
	2	AG	1 L	H2SO4	1 L		TRPH	APP
	3	CG	40 ml	HCL	40 ml		Methane/ethane/ethene	RFPP

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: MW-44C	SAMPLE ID: 7A15782ED7DE4EA4A5F7FCC2A001D6A4		DATE: 09/16/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 30-35	STATIC DEPTH TO WATER (feet): 7.90	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.50 feet – 7.90 feet) X 0.16 gallons/foot = 4.50 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.00 gallons+(0.00 gallons/foot X 36.00 feet)+ 0.15 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.00	PURGING INITIATED AT: 12:44	PURGING ENDED AT: 12:56	TOTAL VOLUME PURGED (gallons): 0.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:49		0.30	8.00	5.24	45.00	28.57	83.44	0.17	2.00	clear	none
12:52	0.20	0.50	8.00	5.06	63.00	27.80	82.35	0.01	4.70	clear	none
12:56	0.30	0.80	8.00	4.91	76.00	27.55	82.32	0.02	4.20	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	.02	TEMP.(°C):	27.44	DO:	.80	CO2:	135	DO High Range:	DO Low Range:
SEC(uS/cm):	82.43	pH:	4.89	Alkalinity:	0	Ferrous Iron:	2	CO2 High Range:	DO Low Range:
ORP(mV):	78	TURB(NTU):	3	H2S:	.91	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	.85		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: DA	SAMPLING INITIATED AT: 12:56	SAMPLING ENDED AT: 14:14
PUMP OR TUBING DEPTH IN WELL (feet): 32.00	SAMPLE PUMP FLOW RATE (mL per minute): 283.91	TUBING MATERIAL CODE: PPE	
FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-44C	1	PE	750 ml	None	750 ml	4.89	Nitrate/Nitrite, Sulfate	APP
MW-44C	1	CG	40 ml	None	40 ml	4.89	Hydrogen	APP
MW-44C	2	AG	1 L	H2SO4	1 L	4.89	TRPH	APP
MW-44C	3	CG	40 ml	HCL	40 ml	4.89	VOCs	SM
MW-44C	3	CG	40 ml	HCL	40 ml	4.89	Methane/ethane/ethene	SM

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: MW-45C	SAMPLE ID: 07-71009/7:MW-45C:9/15/09_0:0_0:0		DATE: 09/15/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 30-35	STATIC DEPTH TO WATER (feet): 5.28	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.00 feet – 5.28 feet) X 0.16 gallons/foot = 4.85 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons+(0.00 gallons/foot X 36.00 feet)+ 0.15 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.00	PURGING INITIATED AT: 12:40	PURGING ENDED AT: 12:55	TOTAL VOLUME PURGED (gallons): 1.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:42		0.30	5.58	6.54	98.80	28.95	61.00	6.85	4.04	clear	none
12:46	0.30	0.60	5.47	6.44	80.90	28.64	57.00	2.90	3.97	clear	none
12:49	0.30	0.90	5.49	6.56	-220.00	28.71	57.00	2.39	3.79	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	2.33	TEMP.(°C):	28.79	DO:	1.74	CO2:	175	DO High Range:	DO Low Range:
SEC(uS/cm):	58	pH:	6.30	Alkalinity:	1.15	Ferrous Iron:	0.6	CO2 High Range:	DO Low Range:
ORP(mV):	93.8	TURB(NTU):	3.39	H2S:	0	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:			

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 12:55	SAMPLING ENDED AT: 13:20
PUMP OR TUBING DEPTH IN WELL (feet): 32.00	SAMPLE PUMP FLOW RATE (mL per minute): 252.36	TUBING MATERIAL CODE: PPE	

FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: MW-46D	SAMPLE ID: 07-71009/7:MW-46D:9/15/09_0:0_0:0		DATE: 09/15/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 55-60	STATIC DEPTH TO WATER (feet): 6.67	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (60.00 feet – 6.67 feet) X 0.16 gallons/foot = 8.70 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons+(0.00 gallons/foot X 61.00 feet)+ 0.15 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 57.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 57.00	PURGING INITIATED AT: 14:24	PURGING ENDED AT: 14:34	TOTAL VOLUME PURGED (gallons): 1.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:28		0.30	6.68	4.27	52.00	27.73	210.00	2.00	1.54	clear	organic
14:30	0.30	0.60	6.68	4.16	96.30	27.66	210.00	1.55	1.92	clear	organic
14:32	0.30	0.90	6.68	4.29	12.20	27.36	210.00	0.91	2.01	clear	organic

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	0.83	TEMP.(°C):	27.24	DO:	1.63	CO2:	168	DO High Range:	DO Low Range:
SEC(uS/cm):	211	pH:	4.27	Alkalinity:	207	Ferrous Iron:	0.95	CO2 High Range:	DO Low Range:
ORP(mV):	-10.3	TURB(NTU):	3.04	H2S:	0	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:			

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 14:34	SAMPLING ENDED AT: 15:00
PUMP OR TUBING DEPTH IN WELL (feet): 57.00	SAMPLE PUMP FLOW RATE (mL per minute): 378.54	TUBING MATERIAL CODE: PPE	
FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
	1	CG	40 ml	None	40 ml		Hydrogen	VT
	1	PE	1 L	None	1 L		Nitrate/Nitrite, Sulfate	APP
	1	PE	1 L	None	1 L		Nitrate/Nitrite, Sulfate	APP
	2	AG	1 L	H2SO4	1 L		TRPH	APP
	3	CG	40 ml	HCL	40 ml		Methane/ethane/ethene	RFPP
	2	AG	1 L	H2SO4	1 L		TRPH	APP
	3	CG	40 ml	HCL	40 ml		VOCs	RFPP
	3	CG	40 ml	HCL	40 ml		VOCs	RFPP
	1	CG	40 ml	None	40 ml		Hydrogen	VT
	3	CG	40 ml	HCL	40 ml		Methane/ethane/ethene	RFPP

GROUNDWATER SAMPLING LOG

SITE NAME:	Groundwater Sampling at Study Area 36NW	SITE LOCATION:	Orlando
WELL NO:	MW-46D	SAMPLE ID: 07-71009/7:MW-46D:9/15/09_0:0_0:0	DATE: 09/15/2009

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME:	Groundwater Sampling at Study Area 36NW	SITE LOCATION:	Orlando
WELL NO:	MW-47C	SAMPLE ID: 9F65F53B7B0145D79C423F4E1BF2543D	DATE: 09/16/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 31-36	STATIC DEPTH TO WATER (feet): 5.12	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (36.50 feet – 5.12 feet) X 0.00 gallons/foot = 0.00 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.05 gallons+(0.00 gallons/foot X 38.00 feet)+ 0.13 gallons = 0.21 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.00	PURGING INITIATED AT: 12:45	PURGING ENDED AT: 13:05	TOTAL VOLUME PURGED (gallons): 1.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:52		0.50	5.27	4.03	186.10	27.63	117.00	0.64	3.53	clear	organic
12:56	-0.20	0.30	5.28	4.00	174.10	27.58	115.00	0.61	3.15	clear	organic
13:01	0.00	0.30	5.28	3.99	178.10	27.38	112.00	0.45	3.34	clear	organic
13:03	0.00	0.30	5.28	3.99	179.50	27.38	115.00	0.43	2.77	clear	organic

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)				CHEMetrics Field Data(mg/L)	
DO(mg/L):	0.43	TEMP.(°C):	27.55	DO:	1.58	CO2:	196	DO High Range:	DO Low Range:
SEC(uS/cm):	114	pH:	3.96	Alkalinity:	14.5	Ferrous Iron:	1.6	CO2 High Range:	DO Low Range:
ORP(mV):	181.4	TURB(NTU):	2.73	H2S:	0.17	Maganese:	0	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:			

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 13:05	SAMPLING ENDED AT: 13:25
PUMP OR TUBING DEPTH IN WELL (feet): 34.00	SAMPLE PUMP FLOW RATE (mL per minute): 264.98	TUBING MATERIAL CODE: PPE	

FIELD DECONTAMINATION: ☑ Y ☐ N
FIELD-FILTERED: ☐ Y ☑ N
Filtration Equipment Type:
FILTER SIZE: NA
DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-47C	3	CG	40 ml	HCL	40 ml		Methane	RFPP
MW-47C	1	CG	40 ml	None	40 ml		Hydrogen	VT
MW-47C	1	PE	1 L	None	1 L		Nitrate/Nitrite, Sulfate	APP
MW-47C	2	AG	1 L	H2SO4	1 L		TRPH	APP
MW-47C	3	CG	40 ml	HCL	40 ml		VOCs	RFPP

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: MW-48C	SAMPLE ID: B0A057C85CB74CB29F27A2FD2C38318D		DATE: 09/16/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 31-36	STATIC DEPTH TO WATER (feet): 7.67	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (36.50 feet – 7.67 feet) X 0.16 gallons/foot = 4.71 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
=0.05 gallons+(0.00 gallons/foot X 38.00 feet)+ 0.13 gallons = 0.21 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.00	PURGING INITIATED AT: 10:42	PURGING ENDED AT: 10:58	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:47		0.50	7.83	4.33	145.00	29.09	166.00	1.05	4.92	clear	sulfuric
10:51	-0.20	0.30	7.83	4.26	166.90	29.30	167.00	0.84	2.30	clear	sulfuric
10:56	0.00	0.30	7.82	4.22	161.90	29.26	165.00	0.71	2.11	clear	sulfuric

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings				Hach Field Data(mg/L)		CHEMetrics Field Data(mg/L)	
DO(mg/L):	0.68	TEMP.(°C):	29.23	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	165	pH:	4.22	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	170.1	TURB(NTU):	2.97	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 10:58	SAMPLING ENDED AT: 11:20
PUMP OR TUBING DEPTH IN WELL (feet): 34.00	SAMPLE PUMP FLOW RATE (mL per minute): 260.25	TUBING MATERIAL CODE: PPE	
FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☑ Y ☐ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-48C	1	PE	1 L	None	1 L		Nitrate/Nitrite, Sulfate	APP
MW-48C	1	CG	40 ml	None	40 ml		Hydrogen	VT
MW-48C	4	AG	1 L	H2SO4	1 L		TRPH	APP
MW-48C	6	CG	40 ml	HCL	40 ml		VOCs	RFPP
MW-48C	3	CG	40 ml	HCL	40 ml		Methane	RFPP

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Study Area 36NW		SITE LOCATION: Orlando	
WELL NO: OLD-SA36NW-EB	SAMPLE ID: 9880B2DB69C54AADA4D67824E92DA095		DATE: 09/16/2009

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet): 0.00	PURGE PUMP TYPE OR SAMPLER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – 0.00 feet) X 0.00 gallons/foot = 0.00 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons+(0.00 gallons/foot X 4.00 feet)+ 0.00 gallons = 0.00 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 14:30	PURGING ENDED AT: 14:30	TOTAL VOLUME PURGED (gallons): 0.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	DEPTH TO WATER (feet)	pH (standard units)	ORP	TEMP.(°C)	SEC (uS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

FIELD/TEST KIT

Final Purge Readings		Hach Field Data(mg/L)		CHEMetrics Field Data(mg/L)	
DO(mg/L):	TEMP.(°C):	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	pH:	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	TURB(NTU):	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 14:30	SAMPLING ENDED AT: 14:30
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 0.00	TUBING MATERIAL CODE:	

FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N Filtration Equipment Type:	FILTER SIZE: NA	DUPLICATE: ☐ Y ☑ N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	NO. OF CONTAIN.	MAT CODE	VOL	PRESERV USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
OLD-SA36NW-EB	2	AG	1 L	H2SO4	1 L		TRPH	
OLD-SA36NW-EB	3	CG	40 ml	HCL	40 ml		VOCs	

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other

NOTES:

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

SA38 Monitoring Report,
Enclosure 6, September 2009,
Appendix B, Lab Reports
(Electronic Copies)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

06/25/09

Technical Report for

BFA Environmental Consultants

NTC Orlando, Orlando, FL

Accutest Job Number: F65899

Sampling Date: 06/08/09

Report to:

BFA Environmental Consultants
3655 Maguire Blvd Suite 150
Orlando, FL 32803
jwillis@bfaenvironmental.com

ATTN: John Willis

Total number of pages in report: **70**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

BFA Environmental Consultants

NTC Orlando, Orlando, FL

Job No: F65899

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F65899-1	06/08/09	13:15	DA	06/10/09	AQ	Ground Water	OLD-38-58 (C1)
F65899-2	06/08/09	14:20	DA	06/10/09	AQ	Ground Water	OLD-38-58 (C2)
F65899-3	06/08/09	11:15	DA	06/10/09	AQ	Ground Water	OLD-38-56C
F65899-4	06/08/09	11:15	DA	06/10/09	AQ	Ground Water	OLD-38-56C DUP
F65899-5	06/08/09	10:15	DA	06/10/09	AQ	Ground Water	OLD-38-54C
F65899-6	06/08/09	17:25	DA	06/10/09	AQ	Equipment Blank	EB

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C1)		
Lab Sample ID:	F65899-1	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N0035854.D	1	06/22/09	MM	n/a	n/a	VN1467
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C1)		
Lab Sample ID:	F65899-1	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C1)		
Lab Sample ID:	F65899-1	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		87-116%
17060-07-0	1,2-Dichloroethane-D4	101%		76-127%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	104%		84-120%

(a) Sample was treated with an anti-foaming agent.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C1)		
Lab Sample ID:	F65899-1	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XY038567.D	1	06/12/09	CW	n/a	n/a	GXY1584
Run #2	XY038592.D	10	06/15/09	CW	n/a	n/a	GXY1585

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	4810 [a]	5.0	1.6	ug/l	
74-84-0	Ethane	0.32 U	1.0	0.32	ug/l	
74-85-1	Ethene	0.43 U	1.0	0.43	ug/l	

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C1)		
Lab Sample ID:	F65899-1	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ57890.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C1)		
Lab Sample ID:	F65899-1	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	06/10/09 10:46	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	06/10/09 10:46	CC	EPA 300/SW846 9056
Sulfate	7.5	2.0	1.0	mg/l	1	06/10/09 10:46	CC	EPA 300/SW846 9056

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C2)		
Lab Sample ID:	F65899-2	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0035855.D	1	06/22/09	MM	n/a	n/a	VN1467
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	12.4	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C2)		
Lab Sample ID:	F65899-2	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	9.1	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	1.0	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.6	1.0	0.26	ug/l	
91-20-3	Naphthalene	2.8	5.0	1.0	ug/l	I
103-65-1	n-Propylbenzene	2.7	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22	2.0	0.22	ug/l	I
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C2)		
Lab Sample ID:	F65899-2	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C2)		
Lab Sample ID:	F65899-2	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XY038568.D	1	06/12/09	CW	n/a	n/a	GXY1584
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	163	0.50	0.16	ug/l	
74-84-0	Ethane	0.32 U	1.0	0.32	ug/l	
74-85-1	Ethene	0.43 U	1.0	0.43	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C2)		
Lab Sample ID:	F65899-2	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ57903.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58 (C2)		
Lab Sample ID:	F65899-2	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	0.080 I	0.10	0.050	mg/l	1	06/10/09 11:04	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	06/10/09 11:04	CC	EPA 300/SW846 9056
Sulfate	14.3	2.0	1.0	mg/l	1	06/10/09 11:04	CC	EPA 300/SW846 9056

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F65899-3	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0035856.D	1	06/22/09	MM	n/a	n/a	VN1467
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F65899-3	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.41	1.0	0.26	ug/l	I
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F65899-3	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F65899-3	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XY038569.D	1	06/12/09	CW	n/a	n/a	GXY1584
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	79.0	0.50	0.16	ug/l	
74-84-0	Ethane	0.32 U	1.0	0.32	ug/l	
74-85-1	Ethene	0.43 U	1.0	0.43	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F65899-3	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ57892.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F65899-3	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	06/10/09 10:27	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	06/10/09 10:27	CC	EPA 300/SW846 9056
Sulfate	21.8	2.0	1.0	mg/l	1	06/10/09 10:27	CC	EPA 300/SW846 9056

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C DUP		
Lab Sample ID:	F65899-4	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0035857.D	1	06/22/09	MM	n/a	n/a	VN1467
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.25	1.0	0.20	ug/l	I
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C DUP		
Lab Sample ID:	F65899-4	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.39	1.0	0.26	ug/l	I
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C DUP		
Lab Sample ID:	F65899-4	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
17060-07-0	1,2-Dichloroethane-D4	106%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	101%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C DUP		
Lab Sample ID:	F65899-4	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XY038572.D	1	06/12/09	CW	n/a	n/a	GXY1584
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	59.0	0.50	0.16	ug/l	
74-84-0	Ethane	0.32 U	1.0	0.32	ug/l	
74-85-1	Ethene	0.43 U	1.0	0.43	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C DUP		
Lab Sample ID:	F65899-4	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ57893.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C DUP		
Lab Sample ID:	F65899-4	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	06/10/09 10:09	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	06/10/09 10:09	CC	EPA 300/SW846 9056
Sulfate	21.4	2.0	1.0	mg/l	1	06/10/09 10:09	CC	EPA 300/SW846 9056

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F65899-5	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0035858.D	1	06/22/09	MM	n/a	n/a	VN1467
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.42	1.0	0.34	ug/l	I
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.27	1.0	0.20	ug/l	I
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F65899-5	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.9	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F65899-5	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	97%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F65899-5	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XY038573.D	1	06/12/09	CW	n/a	n/a	GXY1584
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	231	0.50	0.16	ug/l	
74-84-0	Ethane	0.32 U	1.0	0.32	ug/l	
74-85-1	Ethene	0.43 U	1.0	0.43	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F65899-5	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ57894.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	74%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F65899-5	**Date Sampled:**	06/08/09
Matrix:	AQ - Ground Water	**Date Received:**	06/10/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	06/10/09 09:50	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	06/10/09 09:50	CC	EPA 300/SW846 9056
Sulfate	15.7	2.0	1.0	mg/l	1	06/10/09 09:50	CC	EPA 300/SW846 9056

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	F65899-6	**Date Sampled:**	06/08/09
Matrix:	AQ - Equipment Blank	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0035859.D	1	06/22/09	MM	n/a	n/a	VN1467
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	F65899-6	**Date Sampled:**	06/08/09
Matrix:	AQ - Equipment Blank	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.4	5.0	1.0	ug/l	I
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	F65899-6	**Date Sampled:**	06/08/09
Matrix:	AQ - Equipment Blank	**Date Received:**	06/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	96%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	F65899-6	**Date Sampled:**	06/08/09
Matrix:	AQ - Equipment Blank	**Date Received:**	06/10/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XY038574.D	1	06/12/09	CW	n/a	n/a	GXY1584
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	0.16 U	0.50	0.16	ug/l	
74-84-0	Ethane	0.32 U	1.0	0.32	ug/l	
74-85-1	Ethene	0.43 U	1.0	0.43	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	F65899-6	**Date Sampled:**	06/08/09
Matrix:	AQ - Equipment Blank	**Date Received:**	06/10/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ57897.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	F65899-6	**Date Sampled:**	06/08/09
Matrix:	AQ - Equipment Blank	**Date Received:**	06/10/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	06/10/09 11:23	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	06/10/09 11:23	CC	EPA 300/SW846 9056
Sulfate	1.0 U	2.0	1.0	mg/l	1	06/10/09 11:23	CC	EPA 300/SW846 9056

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Accutest Laboratories Southeast
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

ACCUTEST.

Accutest JOB # F65899 PAGE ____ OF ____
Accutest Quote # ____ SKIP# ____

Client / Reporting Information

Company Name: BFA Environmental
Address: 3655 Maguire Blvd Ste 150
City: Orlando State: FL Zip: 32803
Project Contact: John Willis E-mail: jwillis@bfaenvironmental.com
Phone#: 407 896 8608
Sampler(s) Name(s) (Printed): Damian Allen

Project Information

Project Name: NTC ORLANDO
Street:
City: State:
Project #:
Fax #:
Client Purchase Order #:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	VOCs	Methane/Ethane/Ethene	FL-PRO	Nitrate, Nitrite, Sulfate	Hydrogen							LAB USE ONLY
1	OLD-38-58(C1)	6-8-09	1315	DA	GW	10		X	X			X				X	X	X	X	X							
2	OLD-38-58(C2)	6-8-09	1420	DA	GW	10		X	X			X				X	X	X	X	X							
3	OLD-38-56C	6-8-09	1115	DA	GW	10		X	X			X				X	X	X	X	X							
4	OLD-38-56C Dup	6-8-09	1115	DA	GW	9		X	X			X				X	X	X	X								
5	OLD-38-54C	6-8-09	1015	DA	GW	10		X	X			X				X	X	X	X	X							
6	EB	6-8-09	725	DA	WW	9		X	X			X		X		X	X	X	X								

Matrix Codes
DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- ☐ 10 Days Standard
- ☐ 7 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY
- ☐ OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- ☐ COMMERCIAL "A" (RESULTS ONLY)
- ☐ COMMERCIAL "B" (RESULTS PLUS QC)
- ☐ REDT1 (EPA LEVEL 3)
- ☐ FULT1 (EPA LEVEL 4)
- ☐ EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 [signature]	6-8-09 1730	2 BFA	3 Fl. D'Amo	6/9/09 1108	4 [signature] 1108 6/9/09
Relinquished by: 5 [signature]	Date Time: 6/9/09 11:47	Received By: 6 [signature] Accutest 6-10-09 08:40	Relinquished by: 7	Date Time:	Received By: 8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 2.4

F65899: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F65899 CLIENT: BFA PROJECT: NTC - Orlando

DATE/TIME RECEIVED: 6.10.09 08:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.4

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [X] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OF LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE E.T. 6.10.09 TECHNICIAN SIGNATURE/DATE CB 6/10/09

ASBD 12/17/07

F65899: Chain of Custody
Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN1467-MB	N0035848.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.40	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	2.0	0.48	ug/l	
67-66-3	Chloroform	ND	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.45	ug/l	

Method Blank Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN1467-MB	N0035848.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.43	ug/l	
591-78-6	2-Hexanone	ND	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.78	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.61	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.30	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.26	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.25	ug/l	
100-42-5	Styrene	ND	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.60	1.0	0.50	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.6	ug/l	
	m,p-Xylene	ND	2.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.37	ug/l	

Method Blank Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN1467-MB	N0035848.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	87-116%
17060-07-0	1,2-Dichloroethane-D4	103%	76-127%
2037-26-5	Toluene-D8	104%	86-112%
460-00-4	4-Bromofluorobenzene	106%	84-120%

Blank Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN1467-BS	N0035847.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	95.0	76	59-134
107-02-8	Acrolein	125	63.1	50	33-157
107-13-1	Acrylonitrile	125	132	106	62-124
71-43-2	Benzene	25	25.8	103	83-124
108-86-1	Bromobenzene	25	24.7	99	83-115
74-97-5	Bromochloromethane	25	23.2	93	78-112
75-27-4	Bromodichloromethane	25	25.1	100	76-116
75-25-2	Bromoform	25	24.4	98	68-128
104-51-8	n-Butylbenzene	25	25.9	104	84-124
135-98-8	sec-Butylbenzene	25	26.1	104	86-127
98-06-6	tert-Butylbenzene	25	25.9	104	83-126
108-90-7	Chlorobenzene	25	24.2	97	87-115
75-00-3	Chloroethane	25	31.3	125	54-166
67-66-3	Chloroform	25	27.2	109	85-123
95-49-8	o-Chlorotoluene	25	24.4	98	84-121
106-43-4	p-Chlorotoluene	25	24.6	98	84-120
110-75-8	2-Chloroethyl vinyl ether	125	114	91	63-125
75-15-0	Carbon disulfide	25	24.7	99	67-147
56-23-5	Carbon tetrachloride	25	29.0	116	74-139
75-34-3	1,1-Dichloroethane	25	28.0	112	82-127
75-35-4	1,1-Dichloroethylene	25	27.6	110	75-133
563-58-6	1,1-Dichloropropene	25	27.3	109	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	22.7	91	61-118
106-93-4	1,2-Dibromoethane	25	23.5	94	80-115
107-06-2	1,2-Dichloroethane	25	25.1	100	76-122
78-87-5	1,2-Dichloropropane	25	26.3	105	81-120
142-28-9	1,3-Dichloropropane	25	23.9	96	81-113
594-20-7	2,2-Dichloropropane	25	29.6	118	77-138
124-48-1	Dibromochloromethane	25	24.5	98	74-116
75-71-8	Dichlorodifluoromethane	25	23.3	93	34-158
156-59-2	cis-1,2-Dichloroethylene	25	24.3	97	81-114
10061-01-5	cis-1,3-Dichloropropene	25	25.7	103	83-119
541-73-1	m-Dichlorobenzene	25	24.7	99	86-115
95-50-1	o-Dichlorobenzene	25	24.9	100	85-115
106-46-7	p-Dichlorobenzene	25	24.5	98	87-113
156-60-5	trans-1,2-Dichloroethylene	25	27.3	109	82-126

Blank Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN1467-BS	N0035847.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	26.0	104	87-123
100-41-4	Ethylbenzene	25	24.8	99	87-118
591-78-6	2-Hexanone	125	122	98	58-125
87-68-3	Hexachlorobutadiene	25	27.2	109	71-133
98-82-8	Isopropylbenzene	25	25.8	103	87-131
99-87-6	p-Isopropyltoluene	25	26.2	105	83-125
108-10-1	4-Methyl-2-pentanone	125	126	101	62-125
74-83-9	Methyl bromide	25	31.2	125	55-151
74-87-3	Methyl chloride	25	30.3	121	55-173
74-95-3	Methylene bromide	25	24.4	98	81-116
75-09-2	Methylene chloride	25	26.4	106	69-125
78-93-3	Methyl ethyl ketone	125	112	90	61-127
1634-04-4	Methyl Tert Butyl Ether	25	25.2	101	75-116
91-20-3	Naphthalene	25	24.5	98	59-125
103-65-1	n-Propylbenzene	25	25.9	104	86-125
100-42-5	Styrene	25	23.7	95	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	24.6	98	81-119
71-55-6	1,1,1-Trichloroethane	25	28.7	115	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	23.9	96	71-120
79-00-5	1,1,2-Trichloroethane	25	23.3	93	80-114
87-61-6	1,2,3-Trichlorobenzene	25	24.1	96	64-126
96-18-4	1,2,3-Trichloropropane	25	20.3	81	77-115
120-82-1	1,2,4-Trichlorobenzene	25	24.1	96	68-123
95-63-6	1,2,4-Trimethylbenzene	25	24.4	98	82-120
108-67-8	1,3,5-Trimethylbenzene	25	24.7	99	83-123
127-18-4	Tetrachloroethylene	25	26.7	107	80-131
108-88-3	Toluene	25	24.9	100	86-116
79-01-6	Trichloroethylene	25	26.0	104	85-124
75-69-4	Trichlorofluoromethane	25	28.4	114	66-156
75-01-4	Vinyl chloride	25	26.7	107	57-153
108-05-4	Vinyl Acetate	125	154	123	38-159
	m,p-Xylene	50	48.2	96	86-121
95-47-6	o-Xylene	25	24.6	98	83-121

Blank Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN1467-BS	N0035847.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	87-116%
17060-07-0	1,2-Dichloroethane-D4	107%	76-127%
2037-26-5	Toluene-D8	96%	86-112%
460-00-4	4-Bromofluorobenzene	99%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65988-2MS	N0035860.D	1	06/22/09	MM	n/a	n/a	VN1467
F65988-2MSD	N0035861.D	1	06/22/09	MM	n/a	n/a	VN1467
F65988-2	N0035853.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	F65988-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25	U	125	101	81	99.4	80	2	59-134/14
107-02-8	Acrolein	20	U	125	65.4	52	63.5	51	3	33-157/21
107-13-1	Acrylonitrile	10	U	125	161	129*	154	123	4	62-124/13
71-43-2	Benzene	1.0	U	25	27.0	108	27.4	110	1	83-124/11
108-86-1	Bromobenzene	1.0	U	25	26.4	106	26.1	104	1	83-115/10
74-97-5	Bromochloromethane	1.0	U	25	23.5	94	24.4	98	4	78-112/10
75-27-4	Bromodichloromethane	1.0	U	25	27.6	110	27.0	108	2	76-116/10
75-25-2	Bromoform	1.0	U	25	24.8	99	24.0	96	3	68-128/11
104-51-8	n-Butylbenzene	1.0	U	25	26.1	104	26.2	105	0	84-124/10
135-98-8	sec-Butylbenzene	1.0	U	25	27.8	111	27.9	112	0	86-127/10
98-06-6	tert-Butylbenzene	1.0	U	25	26.9	108	27.0	108	0	83-126/10
108-90-7	Chlorobenzene	1.0	U	25	25.5	102	25.8	103	1	87-115/9
75-00-3	Chloroethane	2.0	U	25	36.1	144	35.3	141	2	54-166/20
67-66-3	Chloroform	1.0	U	25	28.7	115	30.3	121	5	85-123/10
95-49-8	o-Chlorotoluene	1.0	U	25	25.2	101	25.1	100	0	84-121/10
106-43-4	p-Chlorotoluene	1.0	U	25	25.0	100	24.8	99	1	84-120/10
110-75-8	2-Chloroethyl vinyl ether	5.0	U	125	ND	0*	ND	0*	nc	63-125/24
75-15-0	Carbon disulfide	2.0	U	25	26.4	106	28.1	112	6	67-147/12
56-23-5	Carbon tetrachloride	1.0	U	25	28.1	112	28.4	114	1	74-139/13
75-34-3	1,1-Dichloroethane	1.0	U	25	29.7	119	30.2	121	2	82-127/10
75-35-4	1,1-Dichloroethylene	1.0	U	25	28.6	114	30.5	122	6	75-133/13
563-58-6	1,1-Dichloropropene	1.0	U	25	27.3	109	27.8	111	2	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U	25	26.5	106	27.8	111	5	61-118/15
106-93-4	1,2-Dibromoethane	1.0	U	25	25.2	101	26.3	105	4	80-115/10
107-06-2	1,2-Dichloroethane	1.0	U	25	28.1	112	27.7	111	1	76-122/11
78-87-5	1,2-Dichloropropane	1.0	U	25	29.1	116	28.7	115	1	81-120/11
142-28-9	1,3-Dichloropropane	1.0	U	25	24.6	98	25.1	100	2	81-113/11
594-20-7	2,2-Dichloropropane	1.0	U	25	27.1	108	28.1	112	4	77-138/12
124-48-1	Dibromochloromethane	1.0	U	25	24.6	98	24.6	98	0	74-116/11
75-71-8	Dichlorodifluoromethane	2.0	U	25	20.9	84	23.6	94	12	34-158/22
156-59-2	cis-1,2-Dichloroethylene	1.0	U	25	25.2	101	25.5	102	1	81-114/10
10061-01-5	cis-1,3-Dichloropropene	1.0	U	25	25.0	100	24.4	98	2	83-119/10
541-73-1	m-Dichlorobenzene	1.0	U	25	25.9	104	25.5	102	2	86-115/9
95-50-1	o-Dichlorobenzene	1.0	U	25	26.6	106	26.1	104	2	85-115/9
106-46-7	p-Dichlorobenzene	1.0	U	25	26.4	106	25.8	103	2	87-113/10
156-60-5	trans-1,2-Dichloroethylene	1.0	U	25	30.2	121	31.0	124	3	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65988-2MS	N0035860.D	1	06/22/09	MM	n/a	n/a	VN1467
F65988-2MSD	N0035861.D	1	06/22/09	MM	n/a	n/a	VN1467
F65988-2	N0035853.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	F65988-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	24.1	96	24.1	96	0	87-123/10
100-41-4	Ethylbenzene	1.0 U		25	26.2	105	26.9	108	3	87-118/10
591-78-6	2-Hexanone	10 U		125	157	126*	159	127*	1	58-125/14
87-68-3	Hexachlorobutadiene	2.0 U		25	28.3	113	28.8	115	2	71-133/12
98-82-8	Isopropylbenzene	1.0 U		25	27.9	112	28.1	112	1	87-131/10
99-87-6	p-Isopropyltoluene	1.0 U		25	26.9	108	26.8	107	0	83-125/9
108-10-1	4-Methyl-2-pentanone	5.0 U		125	166	133*	171	137*	3	62-125/13
74-83-9	Methyl bromide	2.0 U		25	30.5	122	32.2	129	5	55-151/21
74-87-3	Methyl chloride	2.0 U		25	34.2	137	35.4	142	3	55-173/22
74-95-3	Methylene bromide	2.0 U		25	28.2	113	27.9	112	1	81-116/10
75-09-2	Methylene chloride	5.0 U		25	30.7	123	30.7	123	0	69-125/11
78-93-3	Methyl ethyl ketone	5.0 U		125	134	107	130	104	3	61-127/13
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	26.5	106	28.4	114	7	75-116/10
91-20-3	Naphthalene	5.0 U		25	28.8	115	29.5	118	2	59-125/15
103-65-1	n-Propylbenzene	1.0 U		25	26.6	106	27.2	109	2	86-125/10
100-42-5	Styrene	1.0 U		25	25.7	103	26.1	104	2	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	26.0	104	25.9	104	0	81-119/10
71-55-6	1,1,1-Trichloroethane	1.0 U		25	28.0	112	29.2	117	4	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	26.2	105	26.1	104	0	71-120/11
79-00-5	1,1,2-Trichloroethane	1.0 U		25	25.7	103	25.8	103	0	80-114/11
87-61-6	1,2,3-Trichlorobenzene	1.0 U		25	26.7	107	26.7	107	0	64-126/16
96-18-4	1,2,3-Trichloropropane	2.0 U		25	23.0	92	22.3	89	3	77-115/12
120-82-1	1,2,4-Trichlorobenzene	1.0 U		25	26.5	106	26.3	105	1	68-123/11
95-63-6	1,2,4-Trimethylbenzene	2.0 U		25	25.0	100	25.0	100	0	82-120/10
108-67-8	1,3,5-Trimethylbenzene	2.0 U		25	25.3	101	25.3	101	0	83-123/10
127-18-4	Tetrachloroethylene	1.0 U		25	27.5	110	27.8	111	1	80-131/12
108-88-3	Toluene	1.0 U		25	25.3	101	26.9	108	6	86-116/10
79-01-6	Trichloroethylene	1.0 U		25	27.4	110	27.8	111	1	85-124/10
75-69-4	Trichlorofluoromethane	2.0 U		25	28.2	113	29.7	119	5	66-156/15
75-01-4	Vinyl chloride	1.0 U		25	26.6	106	28.9	116	8	57-153/22
108-05-4	Vinyl Acetate	10 U		125	176	141	176	141	0	38-159/11
	m,p-Xylene	2.0 U		50	50.9	102	52.1	104	2	86-121/10
95-47-6	o-Xylene	1.0 U		25	26.1	104	26.4	106	1	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65988-2MS	N0035860.D	1	06/22/09	MM	n/a	n/a	VN1467
F65988-2MSD	N0035861.D	1	06/22/09	MM	n/a	n/a	VN1467
F65988-2	N0035853.D	1	06/22/09	MM	n/a	n/a	VN1467

The QC reported here applies to the following samples: **Method:** SW846 8260B

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Surrogate Recoveries	MS	MSD	F65988-2	Limits
1868-53-7	Dibromofluoromethane	100%	101%	96%	87-116%
17060-07-0	1,2-Dichloroethane-D4	108%	110%	102%	76-127%
2037-26-5	Toluene-D8	92%	97%	102%	86-112%
460-00-4	4-Bromofluorobenzene	94%	96%	101%	84-120%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GXY1584-MB	XY038561.D	1	06/12/09	CW	n/a	n/a	GXY1584

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.50	0.16	ug/l	
74-84-0	Ethane	ND	1.0	0.32	ug/l	
74-85-1	Ethene	ND	1.0	0.43	ug/l	

Method Blank Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GXY1585-MB	XY038590.D	1	06/15/09	CW	n/a	n/a	GXY1585

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.50	0.16	ug/l	

Blank Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GXY1584-BS	XY038562.D	1	06/12/09	CW	n/a	n/a	GXY1584

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-82-8	Methane	108	116	107	54-149
74-84-0	Ethane	219	228	104	57-143
74-85-1	Ethene	290	294	101	57-143

Blank Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GXY1585-BS	XY038591.D	1	06/15/09	CW	n/a	n/a	GXY1585

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-82-8	Methane	108	134	124	54-149

Matrix Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65899-4MS	XY038585.D	1	06/12/09	CW	n/a	n/a	GXY1584
F65899-4	XY038572.D	1	06/12/09	CW	n/a	n/a	GXY1584

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	F65899-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
74-82-8	Methane	59.0		108	185	117	54-149
74-84-0	Ethane	1.0	U	219	247	113	57-143
74-85-1	Ethene	1.0	U	290	319	110	57-143

Matrix Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65913-10MS	XY038609.D	1	06/15/09	CW	n/a	n/a	GXY1585
F65913-10	XY038601.D	1	06/15/09	CW	n/a	n/a	GXY1585

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1

CAS No.	Compound	F65913-10 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
74-82-8	Methane	1.59		108	136	124	54-149

Duplicate Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65899-5DUP	XY038584.D	1	06/12/09	CW	n/a	n/a	GXY1584
F65899-5	XY038573.D	1	06/12/09	CW	n/a	n/a	GXY1584

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	F65899-5 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	231		216		7	24
74-84-0	Ethane	1.0 U		ND		nc	23
74-85-1	Ethene	1.0 U		ND		nc	10

Duplicate Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F65913-10DUP	XY038608.D	1	06/15/09	CW	n/a	n/a	GXY1585
F65913-10	XY038601.D	1	06/15/09	CW	n/a	n/a	GXY1585

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F65899-1

CAS No.	Compound	F65913-10 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	1.59		1.63		2	24

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29257-MB	IJ57877.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	81%	38-122%

Blank Spike Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29257-BS	IJ57876.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.664	78	54-110

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	81%	38-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F65899
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29257-MS	IJ57898.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
OP29257-MSD	IJ57899.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004
F65899-6	IJ57897.D	1	06/16/09	SL	06/11/09	OP29257	GIJ2004

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6

CAS No.	Compound	F65899-6 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	0.24	U	1.63	1.44	88	1.34	82	7	54-110/28

CAS No.	Surrogate Recoveries	MS	MSD	F65899-6	Limits
84-15-1	o-Terphenyl	94%	86%	81%	38-122%

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F65899
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Bromide	GP13076/GN35404	0.50	0.0	mg/l	12.5	11.7	93.6	90-110%
Chloride	GP13076/GN35404	2.0	0.0	mg/l	50	47.8	95.6	90-110%
Fluoride	GP13076/GN35404	0.20	0.0	mg/l	2.5	2.36	94.4	90-110%
Nitrogen, Nitrate	GP13076/GN35404	0.10	0.0	mg/l	2.5	2.39	95.6	90-110%
Nitrogen, Nitrite	GP13076/GN35404	0.10	0.0	mg/l	2.5	2.54	101.6	90-110%
Sulfate	GP13076/GN35404	2.0	0.0	mg/l	50	46.0	92.0	90-110%

Associated Samples:
Batch GP13076: F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F65899
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Bromide	GP13076/GN35404	F65899-5	mg/l	0.39	0.41	5.0	0-20%
Chloride	GP13076/GN35404	F65899-5	mg/l	11.4	11.6	1.7	0-20%
Fluoride	GP13076/GN35404	F65899-5	mg/l	0.10 U	0.0	0.0	0-20%
Nitrogen, Nitrate	GP13076/GN35404	F65899-5	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrite	GP13076/GN35404	F65899-5	mg/l	0.050 U	0.0	0.0	0-20%
Sulfate	GP13076/GN35404	F65899-5	mg/l	15.7	16.4	4.4	0-20%

Associated Samples:
Batch GP13076: F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F65899
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Bromide	GP13076/GN35404	F65899-5	mg/l	0.39	12.5	12.1	93.7	90-110%
Chloride	GP13076/GN35404	F65899-5	mg/l	11.4	50	58.9	95.0	90-110%
Fluoride	GP13076/GN35404	F65899-5	mg/l	0.10 U	2.5	1.9	76.0N(a)	90-110%
Nitrogen, Nitrate	GP13076/GN35404	F65899-5	mg/l	0.050 U	2.5	3.2	128.0N(a)	90-110%
Nitrogen, Nitrite	GP13076/GN35404	F65899-5	mg/l	0.050 U	2.5	1.4	56.0N(a)	90-110%
Sulfate	GP13076/GN35404	F65899-5	mg/l	15.7	50	60.4	89.4N(a)	90-110%

Associated Samples:
Batch GP13076: F65899-1, F65899-2, F65899-3, F65899-4, F65899-5, F65899-6
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

microseeps

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Page: Page 1 of 6
Lab Proj #: P0906214
Report Date: 06/24/09
Client Proj Name: F65899
Client Proj #: F65899

Laboratory Results

Total pages in data package: 9

Lab Sample #	Client Sample ID
P0906214-01	F65899-1
P0906214-02	F65899-2
P0906214-03	F65899-3
P0906214-04	F65899-4

Microseeps test results meet all the requirements of the NELAC standards or provide reasons and/or justification if they do not

Approved By: Debbie Hallo ***Date:*** 6-24-09

Project Manager: Debbie Hallo

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0906214
Report Date: 06/24/09
Client Proj Name: F65899
Client Proj #: F65899

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F65899-1	Vapor	P0906214-01	08 Jun. 09 13:15	12 Jun. 09 15:03

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		1.300	0.600	nM	AM20GAX	6/22/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St
Suite C-15
Orlando, FL 32811

Lab Proj #: P0906214
Report Date: 06/24/09
Client Proj Name: F65899
Client Proj #: F65899

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F65899-2	Vapor	P0906214-02	08 Jun. 09 14:20	12 Jun. 09 15:03

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		0.780	0.600	nM	AM20GAX	6/22/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0906214
Report Date: 06/24/09
Client Proj Name: F65899
Client Proj #: F65899

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F65899-3	Vapor	P0906214-03	08 Jun. 09 11:15	12 Jun. 09 15:03

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		0.910	0.600	nM	AM20GAX	6/22/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0906214
Report Date: 06/24/09
Client Proj Name: F65899
Client Proj #: F65899

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F65899-4	Vapor	P0906214-04	08 Jun. 09 10:15	12 Jun. 09 15:03

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen	J	0.930	1.200	nM	AM20GAX	6/22/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St
Suite C-15
Orlando, FL 32811

Lab Proj #: P0906214
Report Date: 06/24/09
Client Proj Name: F65899
Client Proj #: F65899

Prep Method: Hydrogen by Bubble Strip
Analysis Method: Hydrogen by Bubble Strip

M090622043-MB

	Result		TrueSpikeConc.	RDL	%Recovery	Ctl Limits
Hydrogen	< 0.600	nM		0.600		- NA

M090622043-LCS

	Result		TrueSpikeConc.	%Recovery	Ctl Limits
Hydrogen	9.300	nM	9.78	95.00	75 - 125

M090622043-LCSD

	Result		TrueSpikeConc.	%Recovery	Ctl Limits	RPD	RPD Ctl Limits
Hydrogen	9.300	nM	9.78	95.00	75 - 125	0.00	0 - 20

Outlined Results indicate results outside of Control limits

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Accutest Southeast Subcontract Chain of Custody

ACCUTEST Laboratories

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707

PAGE 1 OF 1

PO 9006214

Client / Reporting Information

Company Name: Accutest Laboratories Southeast
Address: 4405 Vineland Road Suite C-15
City: Orlando State: Fl Zip: 32811
Project Contact: E-mail
Phone#: 407-425-6700 Fax #: 407-425-0707
Lab Technician Printed Name:

Project Information

Accutest Job Number: F65899
Street
City State
Project #
Fax #
Client Purchase Order #

Analytical Information

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

Lab ID #	Client ID / Accutest Sample ID	Collection DATE	Collection TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	H2	LAB USE ONLY
	F65899-1	6/8	1315		Air	1		X								X	
	-2	↓	1420		↓	↓		↓								↓	
	-3	↓	1115		↓	↓		↓								↓	
		↓	1015		↓	↓		↓								↓	

TURNAROUND TIME (Business Days)

Approved By:

- X Standard 10 Business Days
- 7 Day *RUSH*
- 5 Day *RUSH*
- 3 Day *EMERGENCY*
- 2 Day *EMERGENCY*
- 1 Day *EMERGENCY*
- OTHER

Data Deliverable Information

- [X] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Ship to Laboratory- Microseeps
Approved By-

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by/Lab Technician:	Date Time:	Received By/Affiliation	Relinquished by/Affiliation	Date Time:	Received By/Affiliation
1 Accutest	6/11/09 17:00	2	3		4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished by/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved Where Applicable: Y N Total # of Coolers:_____ Cooler Temperature (s) Celsius: _____

NON-CONFORMANCE FORM

Microseeps Project Number: P0906214

Date: 6/12 Time of Receipt: _____ Receiver: [signature]

Client: A/-O

REASON FOR NON-CONFORMANCE:

-4 not on COC

ACTION TAKEN:

Client name: Aaron Ben David Date: 6/12 Time: 4:15

email to Aaron
add sample per attached email

Customer Service Initials: DH Date: _____

Debbie Hallo

From: Aaron Ben David [AaronBD@accutest.com]
Sent: Friday, June 12, 2009 4:16 PM
To: Debbie Hallo
Subject: RE: F65899

yes please

Aaron S. Ben David
Sample Management Supervisor/Project Manager
Accutest Labs, SE
407-425-6700
407-425-0707 Fax
aaronbd@accutest.com

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From: Debbie Hallo [mailto:dhallo@microseeps.com]
Sent: Friday, June 12, 2009 4:15 PM
To: Aaron Ben David
Subject: F65899

Hi Aaron
Take a look at the attached coc. F65899-4 is not listed but we did get the sample. Shall we add it to the coc?

Debbie Hallo
Microseeps, Inc
220 William Pitt Way
Pittsburgh, PA 15238
Phone 412 826 5245
Fax 412 826 3433
www. microseeps.com

CHECK OUT OUR ON-LINE BOTTLE ORDER FORM AT WWW.MICROSEEPS.COM

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

10/02/09

Technical Report for

BFA Environmental Consultants

NTC Orlando, Orlando, FL

2008-10

Accutest Job Number: F67999

Sampling Date: 09/14/09

Report to:

BFA Environmental Consultants
1230 Hillcrest Street
Orlando, FL 32803
jwillis@bfaenvironmental.com

ATTN: John Willis

Total number of pages in report: **107**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

BFA Environmental Consultants

Job No: F67999

NTC Orlando, Orlando, FL
Project No: 2008-10

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F67999-1	09/14/09	11:30	DM	09/16/09	AQ	Ground Water	OLD-38-50C
F67999-2	09/14/09	11:10	DM	09/16/09	AQ	Ground Water	OLD-38-51D
F67999-3	09/14/09	12:25	DM	09/16/09	AQ	Ground Water	OLD-38-49D
F67999-4	09/14/09	13:05	DM	09/16/09	AQ	Ground Water	OLD-38-58C-1
F67999-5	09/14/09	14:00	DM	09/16/09	AQ	Ground Water	OLD-38-58C-2
F67999-6	09/14/09	14:50	DM	09/16/09	AQ	Ground Water	OLD-38-59C
F67999-7	09/14/09	15:25	DM	09/16/09	AQ	Ground Water	OLD-38-62D
F67999-8	09/14/09	11:00	DM	09/16/09	AQ	Ground Water	OLD-38-56C
F67999-9	09/14/09	12:30	DM	09/16/09	AQ	Ground Water	OLD-38-52C
F67999-10	09/14/09	13:00	DM	09/16/09	AQ	Ground Water	OLD-38-53D
F67999-11	09/14/09	13:00	DM	09/16/09	AQ	Ground Water	OLD-38-DUPE
F67999-12	09/14/09	14:00	DM	09/16/09	AQ	Ground Water	OLD-38-55D
F67999-13	09/14/09	14:30	DM	09/16/09	AQ	Ground Water	OLD-38-54C

Accutest Laboratories

Sample Summary
(continued)

BFA Environmental Consultants

Job No: F67999

NTC Orlando, Orlando, FL
Project No: 2008-10

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F67999-14	09/14/09	15:30	DM	09/16/09	AQ	Ground Water	OLD-38-60C
F67999-15	09/14/09	15:45	DM	09/16/09	AQ	Ground Water	OLD-38-61C
F67999-16	09/14/09	15:45	DM	09/16/09	AQ	Equipment Blank	OLD-38-EB1

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-50C		
Lab Sample ID:	F67999-1	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065706.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-50C		
Lab Sample ID:	F67999-1	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.83	1.0	0.32	ug/l	I
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-50C		
Lab Sample ID:	F67999-1	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	95%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	103%		84-120%

U = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-50C		
Lab Sample ID:	F67999-1	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88085.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.17 U	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		38-122%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-51D		
Lab Sample ID:	F67999-2	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065707.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-51D		
Lab Sample ID:	F67999-2	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.31	1.0	0.20	ug/l	I
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.49	1.0	0.26	ug/l	I
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-51D		
Lab Sample ID:	F67999-2	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		87-116%
17060-07-0	1,2-Dichloroethane-D4	94%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	103%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

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Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-51D		
Lab Sample ID:	F67999-2	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88088.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.17 U	0.24	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-49D		
Lab Sample ID:	F67999-3	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065708.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-49D		
Lab Sample ID:	F67999-3	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-49D		
Lab Sample ID:	F67999-3	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	95%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-49D		
Lab Sample ID:	F67999-3	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88089.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-1		
Lab Sample ID:	F67999-4	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C065709.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-1		
Lab Sample ID:	F67999-4	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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L = Indicates value exceeds calibration range

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-1		
Lab Sample ID:	F67999-4	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	96%		76-127%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	107%		84-120%

(a) Sample was treated with an anti-foaming agent.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-1		
Lab Sample ID:	F67999-4	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FF01389.D	5	09/28/09	NJ	n/a	n/a	GFF71
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	2840	2.5	0.80	ug/l	

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-1		
Lab Sample ID:	F67999-4	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88090.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		38-122%

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-1		
Lab Sample ID:	F67999-4	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	0.13	0.10	0.050	mg/l	1	09/16/09 14:37	CC	EPA 300/SW846 9056
Nitrogen, Nitrite [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 14:37	CC	EPA 300/SW846 9056
Sulfate	14.6	2.0	1.0	mg/l	1	09/16/09 14:37	CC	EPA 300/SW846 9056

(a) Sample was prepped within 48 hours of collection, but analyzed beyond hold time.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-2		
Lab Sample ID:	F67999-5	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065710.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	13.9	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-2		
Lab Sample ID:	F67999-5	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	8.5	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	1.1	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	7.9	1.0	0.26	ug/l	
91-20-3	Naphthalene	6.3	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	2.8	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	11.3	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-2		
Lab Sample ID:	F67999-5	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		87-116%
17060-07-0	1,2-Dichloroethane-D4	95%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	102%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-2		
Lab Sample ID:	F67999-5	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FF01373.D	1	09/25/09	NJ	n/a	n/a	GFF70
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	777	0.50	0.16	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-2		
Lab Sample ID:	F67999-5	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88091.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.172	0.24	0.16	mg/l	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-58C-2		
Lab Sample ID:	F67999-5	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 14:55	CC	EPA 300/SW846 9056
Nitrogen, Nitrite [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 14:55	CC	EPA 300/SW846 9056
Sulfate	22.6	2.0	1.0	mg/l	1	09/16/09 14:55	CC	EPA 300/SW846 9056

(a) Sample was prepped within 48 hours of collection, but analyzed beyond hold time.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-59C		
Lab Sample ID:	F67999-6	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065711.D	5	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	50 U	130	50	ug/l	
107-02-8	Acrolein	25 U	100	25	ug/l	
107-13-1	Acrylonitrile	10 U	50	10	ug/l	
71-43-2	Benzene	198	5.0	2.0	ug/l	
108-86-1	Bromobenzene	1.3 U	5.0	1.3	ug/l	
74-97-5	Bromochloromethane	1.2 U	5.0	1.2	ug/l	
75-27-4	Bromodichloromethane	1.0 U	5.0	1.0	ug/l	
75-25-2	Bromoform	1.7 U	5.0	1.7	ug/l	
104-51-8	n-Butylbenzene	1.4 U	5.0	1.4	ug/l	
135-98-8	sec-Butylbenzene	1.3 U	5.0	1.3	ug/l	
98-06-6	tert-Butylbenzene	1.6 U	5.0	1.6	ug/l	
108-90-7	Chlorobenzene	1.1 U	5.0	1.1	ug/l	
75-00-3	Chloroethane	2.4 U	10	2.4	ug/l	
67-66-3	Chloroform	1.4 U	5.0	1.4	ug/l	
95-49-8	o-Chlorotoluene	1.3 U	5.0	1.3	ug/l	
106-43-4	p-Chlorotoluene	1.1 U	5.0	1.1	ug/l	
110-75-8	2-Chloroethyl vinyl ether	5.0 U	25	5.0	ug/l	
75-15-0	Carbon disulfide	2.0 U	10	2.0	ug/l	
56-23-5	Carbon tetrachloride	1.1 U	5.0	1.1	ug/l	
75-34-3	1,1-Dichloroethane	1.2 U	5.0	1.2	ug/l	
75-35-4	1,1-Dichloroethylene	2.7 U	5.0	2.7	ug/l	
563-58-6	1,1-Dichloropropene	1.2 U	5.0	1.2	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	1.6 U	10	1.6	ug/l	
106-93-4	1,2-Dibromoethane	1.4 U	5.0	1.4	ug/l	
107-06-2	1,2-Dichloroethane	1.7 U	5.0	1.7	ug/l	
78-87-5	1,2-Dichloropropane	1.1 U	5.0	1.1	ug/l	
142-28-9	1,3-Dichloropropane	1.3 U	5.0	1.3	ug/l	
594-20-7	2,2-Dichloropropane	1.4 U	5.0	1.4	ug/l	
124-48-1	Dibromochloromethane	1.0 U	5.0	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	5.0 U	10	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.0 U	5.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	1.1 U	5.0	1.1	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-59C		
Lab Sample ID:	F67999-6	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	1.2 U	5.0	1.2	ug/l	
95-50-1	o-Dichlorobenzene	1.0 U	5.0	1.0	ug/l	
106-46-7	p-Dichlorobenzene	1.1 U	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethylene	2.3 U	5.0	2.3	ug/l	
10061-02-6	trans-1,3-Dichloropropene	1.1 U	5.0	1.1	ug/l	
100-41-4	Ethylbenzene	2.2 U	5.0	2.2	ug/l	
591-78-6	2-Hexanone	25 U	50	25	ug/l	
87-68-3	Hexachlorobutadiene	3.5 U	10	3.5	ug/l	
98-82-8	Isopropylbenzene	1.0 U	5.0	1.0	ug/l	
99-87-6	p-Isopropyltoluene	1.6 U	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone	10 U	25	10	ug/l	
74-83-9	Methyl bromide	3.9 U	10	3.9	ug/l	
74-87-3	Methyl chloride	3.1 U	10	3.1	ug/l	
74-95-3	Methylene bromide	1.5 U	10	1.5	ug/l	
75-09-2	Methylene chloride [a]	7.9	25	5.0	ug/l	I
78-93-3	Methyl ethyl ketone	10 U	25	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	15.5	5.0	1.3	ug/l	
91-20-3	Naphthalene	5.0 U	25	5.0	ug/l	
103-65-1	n-Propylbenzene	1.3 U	5.0	1.3	ug/l	
100-42-5	Styrene	1.8 U	5.0	1.8	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U	5.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	1.7 U	5.0	1.7	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	1.1 U	5.0	1.1	ug/l	
79-00-5	1,1,2-Trichloroethane	1.3 U	5.0	1.3	ug/l	
87-61-6	1,2,3-Trichlorobenzene	2.5 U	5.0	2.5	ug/l	
96-18-4	1,2,3-Trichloropropane	1.7 U	10	1.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	2.5 U	5.0	2.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1.1 U	10	1.1	ug/l	
108-67-8	1,3,5-Trimethylbenzene	1.0 U	10	1.0	ug/l	
127-18-4	Tetrachloroethylene	1.1 U	5.0	1.1	ug/l	
108-88-3	Toluene	1.8 U	5.0	1.8	ug/l	
79-01-6	Trichloroethylene	1.6 U	5.0	1.6	ug/l	
75-69-4	Trichlorofluoromethane	2.5 U	10	2.5	ug/l	
75-01-4	Vinyl chloride	1.5 U	5.0	1.5	ug/l	
108-05-4	Vinyl Acetate	18 U	50	18	ug/l	
	m,p-Xylene	3.9 U	10	3.9	ug/l	
95-47-6	o-Xylene	1.9 U	5.0	1.9	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-59C		
Lab Sample ID:	F67999-6	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		87-116%
17060-07-0	1,2-Dichloroethane-D4	96%		76-127%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

(a) Suspected laboratory contaminant.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-62D		
Lab Sample ID:	F67999-7	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065712.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.86	1.0	0.40	ug/l	I
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-62D		
Lab Sample ID:	F67999-7	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.29	1.0	0.20	ug/l	I
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.48	1.0	0.26	ug/l	I
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-62D		
Lab Sample ID:	F67999-7	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F67999-8	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065713.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F67999-8	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26	1.0	0.26	ug/l	I
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F67999-8	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	101%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
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I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F67999-8	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FF01374.D	1	09/25/09	NJ	n/a	n/a	GFF70
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	48.5	0.50	0.16	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F67999-8	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88092.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.17 U	0.24	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		38-122%

U = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-56C		
Lab Sample ID:	F67999-8	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 15:14	CC	EPA 300/SW846 9056
Nitrogen, Nitrite [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 15:14	CC	EPA 300/SW846 9056
Sulfate	25.0	2.0	1.0	mg/l	1	09/16/09 15:14	CC	EPA 300/SW846 9056

(a) Sample was prepped within 48 hours of collection, but analyzed beyond hold time.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-52C		
Lab Sample ID:	F67999-9	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065716.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-52C		
Lab Sample ID:	F67999-9	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.90	2.0	0.69	ug/l	I
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-52C		
Lab Sample ID:	F67999-9	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		87-116%
17060-07-0	1,2-Dichloroethane-D4	95%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-52C		
Lab Sample ID:	F67999-9	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88095.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-53D		
Lab Sample ID:	F67999-10	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065717.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-53D		
Lab Sample ID:	F67999-10	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-53D		
Lab Sample ID:	F67999-10	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	103%		84-120%

U = Not detected MDL - Method Detection Limit
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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-53D		
Lab Sample ID:	F67999-10	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88096.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		38-122%

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-DUPE		
Lab Sample ID:	F67999-11	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065718.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-DUPE		
Lab Sample ID:	F67999-11	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-DUPE		
Lab Sample ID:	F67999-11	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-DUPE		
Lab Sample ID:	F67999-11	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88097.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-55D		
Lab Sample ID:	F67999-12	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065719.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2	M0037881.D	2	09/28/09	MM	n/a	n/a	VM1550

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	2.9	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	2.7	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	1.6	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-55D		
Lab Sample ID:	F67999-12	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	7.6	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	1.6	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	97.4 [a]	10	2.0	ug/l	
103-65-1	n-Propylbenzene	9.8	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.56	2.0	0.22	ug/l	I
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-55D		
Lab Sample ID:	F67999-12	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	101%	87-116%
17060-07-0	1,2-Dichloroethane-D4	97%	96%	76-127%
2037-26-5	Toluene-D8	98%	97%	86-112%
460-00-4	4-Bromofluorobenzene	98%	109%	84-120%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-55D		
Lab Sample ID:	F67999-12	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88098.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.591	0.24	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F67999-13	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065720.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2	M0037880.D	1	09/28/09	MM	n/a	n/a	VM1550

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.27	1.0	0.20	ug/l	I
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F67999-13	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.9	1.0	0.26	ug/l	
91-20-3	Naphthalene	3.7 [a]	5.0	1.0	ug/l	I
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.46	1.0	0.32	ug/l	I
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F67999-13	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	99%	87-116%
17060-07-0	1,2-Dichloroethane-D4	97%	95%	76-127%
2037-26-5	Toluene-D8	102%	100%	86-112%
460-00-4	4-Bromofluorobenzene	100%	101%	84-120%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F67999-13	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	RSKSOP-147/175	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FF01377.D	1	09/25/09	NJ	n/a	n/a	GFF70
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	228	0.50	0.16	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
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I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F67999-13	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88099.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.16 U	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		38-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-54C		
Lab Sample ID:	F67999-13	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 15:32	CC	EPA 300/SW846 9056
Nitrogen, Nitrite [a]	0.050 U	0.10	0.050	mg/l	1	09/16/09 15:32	CC	EPA 300/SW846 9056
Sulfate	19.2	2.0	1.0	mg/l	1	09/16/09 15:32	CC	EPA 300/SW846 9056

(a) Sample was prepped within 48 hours of collection, but analyzed beyond hold time.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-60C		
Lab Sample ID:	F67999-14	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065721.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-60C		
Lab Sample ID:	F67999-14	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-60C		
Lab Sample ID:	F67999-14	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	101%		84-120%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-61C		
Lab Sample ID:	F67999-15	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C065722.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-61C		
Lab Sample ID:	F67999-15	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-61C		
Lab Sample ID:	F67999-15	**Date Sampled:**	09/14/09
Matrix:	AQ - Ground Water	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-EB1		
Lab Sample ID:	F67999-16	**Date Sampled:**	09/14/09
Matrix:	AQ - Equipment Blank	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C065723.D	1	09/25/09	AJ	n/a	n/a	VC2647
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	25	10	ug/l	
107-02-8	Acrolein	5.0 U	20	5.0	ug/l	
107-13-1	Acrylonitrile	2.0 U	10	2.0	ug/l	
71-43-2	Benzene	0.40 U	1.0	0.40	ug/l	
108-86-1	Bromobenzene	0.26 U	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	0.23 U	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	0.20 U	1.0	0.20	ug/l	
75-25-2	Bromoform	0.33 U	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	0.28 U	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	0.25 U	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	0.32 U	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	0.22 U	1.0	0.22	ug/l	
75-00-3	Chloroethane	0.48 U	2.0	0.48	ug/l	
67-66-3	Chloroform	0.28 U	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	0.25 U	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	0.21 U	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	1.0 U	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	0.40 U	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	0.22 U	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.24 U	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	0.54 U	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	0.23 U	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	0.32 U	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	0.28 U	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	0.34 U	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	0.21 U	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	0.26 U	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	0.28 U	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	0.20 U	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.20 U	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	

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V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-EB1		
Lab Sample ID:	F67999-16	**Date Sampled:**	09/14/09
Matrix:	AQ - Equipment Blank	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	0.23 U	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	0.20 U	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	0.22 U	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	1.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.21 U	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.43 U	1.0	0.43	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.69 U	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	0.20 U	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.32 U	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	2.0 U	5.0	2.0	ug/l	
74-83-9	Methyl bromide	0.78 U	2.0	0.78	ug/l	
74-87-3	Methyl chloride	0.61 U	2.0	0.61	ug/l	
74-95-3	Methylene bromide	0.30 U	2.0	0.30	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	2.0 U	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.25 U	1.0	0.25	ug/l	
100-42-5	Styrene	0.36 U	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.20 U	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	0.33 U	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.21 U	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	0.26 U	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	0.34 U	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22 U	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.20 U	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.22 U	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	0.32 U	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.30 U	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	3.6 U	10	3.6	ug/l	
	m,p-Xylene	0.78 U	2.0	0.78	ug/l	
95-47-6	o-Xylene	0.37 U	1.0	0.37	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-EB1		
Lab Sample ID:	F67999-16	**Date Sampled:**	09/14/09
Matrix:	AQ - Equipment Blank	**Date Received:**	09/16/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	98%		84-120%

U = Not detected MDL - Method Detection Limit
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I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-38-EB1		
Lab Sample ID:	F67999-16	**Date Sampled:**	09/14/09
Matrix:	AQ - Equipment Blank	**Date Received:**	09/16/09
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NTC Orlando, Orlando, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP88100.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.17 U	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		38-122%

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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST.

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # F67999 PAGE 1 OF 2

Accutest Quote #

SKIFF# 31302

Client / Reporting Information

Company Name: BTA
Address: 1230 E. HILLCREST
City: ORLANDO State: FL. Zip: 32837
Project Contact: JOHN WILLIS E-mail:
Phone#: 407-896-9608
Sampler(s) Name(s) (Printed): DARREN MILLER / DAMIAN ALLEN

Project Information

Project Name: NTC-ORLANDO
Street:
City: State:
Project #: 2008-10
Fax #:
Client Purchase Order #:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNAC	DI WATER	MEOH	8260	PL-PRO	METHANE	N-N, SO4	HYDROGEN	LAB USE ONLY
1	OLD-38-50C	9/14/09	1030	DM	GW	5										X	X				
2	OLD-38-51D		1110	DM	GW	5										X	X				
3	OLD-38-49D		1225	DM	GW	5										X	X				
4	OLD-38-58C-1		1305	DM	GW	10										X	X	X	X	X	
5	OLD-38-58C-2		1400	DM	GW	10										X	X	X	X	X	
6	OLD-38-59C		1450	DM	GW	3										X					
7	OLD-38-62D		1525	DM	GW	3										X					
8	OLD-38-56C		1100	DA	GW	7										X	X	X	X	X	
9	OLD-38-52C		1230	DA	GW	5										X	X				
10	OLD-38-53D		1300	DA	GW	5										X	X				
11	OLD-38-DUPE		1300	DA	GW	5										X	X				
12	OLD-38-55D		1400	DA	GW	5										X	X				

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [X] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 [signature]		2 [signature] 09/15/09 1145	3 [signature] 09/15/09 1215		4 [signature] Hawtert
Relinquished by: 5	Date Time:	Received By: 6	Relinquished by: 7	Date Time:	Received By: 8 9.16.09 08:00

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 2.4 3.6 3.6 2.8

3.1

3

F67999: Chain of Custody
Page 1 of 3

Accutest Laboratories Southeast
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
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Accutest JOB # F67999 PAGE 2 OF 2

Accutest Quote # SKIFF#

Client / Reporting Information

Company Name BFA
Address 1230 E. HILLCREST
City ORLANDO State FL Zip 32837
Project Contact JOHN WILLIS Email
Phone# 407-896-8602
Sampler(s) Name(s) (Printed) DARREN MILLER / DANIAL ALLEN

Project Information

Project Name: NTC-ORLANDO
Street
City State
Project # 2008-10
Fax #
Client Purchase Order #

Analytical Information

Accutest Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNAC	DI WATER	MEOH	8260	FLPRO	METHANE	N,N,SOF	HYDROGEN							LAB USE ONLY
13	OLD-38-54C	9/14/09	1430	DA	GW	10										X	X	X	X	X							
14	OLD-38-60C		1530	DA	GW	3										X											
15	OLD-38-61C		1545	DA	GW	3										X											
16	OLD-38-EB1		1545	DM	WW	5										X	X										

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [X] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 [signature]		2 [signature] 09/15/09 1145	3 [signature] 09/15/09 1215		4 [signature] Accutest
Relinquished by: 5	Date Time:	Received By: 6	Relinquished by: 7	Date Time:	Received By: 8 9.16.09 08:01

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 3.4 3.6 3.6 2.8

F67999: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F67999 CLIENT: BFA PROJECT: NTC-Orlando

DATE/TIME RECEIVED: 9-16-09 08:00 # OF COOLERS RECEIVED: 4 COOLER TEMPS: 3.4 3.6 3.6 2.8

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [x] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [x] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OF LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS: Samp 4 Hydrogen vial no label, Samp 8 only received 2 vials (8260) : 1 vial MEE

TECHNICIAN SIGNATURE/DATE E.T. 9.16.09 TECHNICIAN SIGNATURE/DATE SC 9-16-09

ASBD 12/17/07

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2647-MB	C065705.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.40	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.26	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.33	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.25	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.32	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	2.0	0.48	ug/l	
67-66-3	Chloroform	ND	1.0	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.25	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.21	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.40	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.54	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.32	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.34	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.21	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.28	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.23	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.45	ug/l	

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2647-MB	C065705.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.43	ug/l	
591-78-6	2-Hexanone	ND	10	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.69	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.32	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.78	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.61	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.30	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.26	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.25	ug/l	
100-42-5	Styrene	ND	1.0	0.36	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.33	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.26	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.34	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.6	ug/l	
	m,p-Xylene	ND	2.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.37	ug/l	

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2647-MB	C065705.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	87-116%
17060-07-0	1,2-Dichloroethane-D4	95%	76-127%
2037-26-5	Toluene-D8	101%	86-112%
460-00-4	4-Bromofluorobenzene	106%	84-120%

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1550-MB	M0037879.D	1	09/28/09	MM	n/a	n/a	VM1550

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-12, F67999-13

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	87-116%
17060-07-0	1,2-Dichloroethane-D4	96%	76-127%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	103%	84-120%

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2647-BS	C065704.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	116	93	59-134
107-02-8	Acrolein	125	21.4	17*	33-157
107-13-1	Acrylonitrile	125	107	86	62-124
71-43-2	Benzene	25	23.8	95	83-124
108-86-1	Bromobenzene	25	24.0	96	83-115
74-97-5	Bromochloromethane	25	22.9	92	78-112
75-27-4	Bromodichloromethane	25	23.2	93	76-116
75-25-2	Bromoform	25	21.2	85	68-128
104-51-8	n-Butylbenzene	25	22.8	91	84-124
135-98-8	sec-Butylbenzene	25	26.9	108	86-127
98-06-6	tert-Butylbenzene	25	23.8	95	83-126
108-90-7	Chlorobenzene	25	24.8	99	87-115
75-00-3	Chloroethane	25	27.4	110	54-166
67-66-3	Chloroform	25	23.8	95	85-123
95-49-8	o-Chlorotoluene	25	25.5	102	84-121
106-43-4	p-Chlorotoluene	25	24.9	100	84-120
110-75-8	2-Chloroethyl vinyl ether	125	113	90	63-125
75-15-0	Carbon disulfide	25	27.1	108	67-147
56-23-5	Carbon tetrachloride	25	22.5	90	74-139
75-34-3	1,1-Dichloroethane	25	23.5	94	82-127
75-35-4	1,1-Dichloroethylene	25	24.9	100	75-133
563-58-6	1,1-Dichloropropene	25	25.3	101	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	21.2	85	61-118
106-93-4	1,2-Dibromoethane	25	22.7	91	80-115
107-06-2	1,2-Dichloroethane	25	21.9	88	76-122
78-87-5	1,2-Dichloropropane	25	23.6	94	81-120
142-28-9	1,3-Dichloropropane	25	22.3	89	81-113
594-20-7	2,2-Dichloropropane	25	25.6	102	77-138
124-48-1	Dibromochloromethane	25	22.0	88	74-116
75-71-8	Dichlorodifluoromethane	25	26.1	104	34-158
156-59-2	cis-1,2-Dichloroethylene	25	22.7	91	81-114
10061-01-5	cis-1,3-Dichloropropene	25	21.8	87	83-119
541-73-1	m-Dichlorobenzene	25	24.0	96	86-115
95-50-1	o-Dichlorobenzene	25	23.4	94	85-115
106-46-7	p-Dichlorobenzene	25	23.8	95	87-113
156-60-5	trans-1,2-Dichloroethylene	25	24.4	98	82-126

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2647-BS	C065704.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	24.0	96	87-123
100-41-4	Ethylbenzene	25	25.4	102	87-118
591-78-6	2-Hexanone	125	111	89	58-125
87-68-3	Hexachlorobutadiene	25	27.6	110	71-133
98-82-8	Isopropylbenzene	25	23.3	93	87-131
99-87-6	p-Isopropyltoluene	25	22.8	91	83-125
108-10-1	4-Methyl-2-pentanone	125	116	93	62-125
74-83-9	Methyl bromide	25	25.3	101	55-151
74-87-3	Methyl chloride	25	25.8	103	55-173
74-95-3	Methylene bromide	25	22.9	92	81-116
75-09-2	Methylene chloride	25	21.4	86	69-125
78-93-3	Methyl ethyl ketone	125	115	92	61-127
1634-04-4	Methyl Tert Butyl Ether	25	21.7	87	75-116
91-20-3	Naphthalene	25	21.6	86	59-125
103-65-1	n-Propylbenzene	25	26.8	107	86-125
100-42-5	Styrene	25	21.6	86	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	21.7	87	81-119
71-55-6	1,1,1-Trichloroethane	25	24.1	96	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	21.6	86	71-120
79-00-5	1,1,2-Trichloroethane	25	22.4	90	80-114
87-61-6	1,2,3-Trichlorobenzene	25	24.0	96	64-126
96-18-4	1,2,3-Trichloropropane	25	19.4	78	77-115
120-82-1	1,2,4-Trichlorobenzene	25	24.6	98	68-123
95-63-6	1,2,4-Trimethylbenzene	25	22.2	89	82-120
108-67-8	1,3,5-Trimethylbenzene	25	26.1	104	83-123
127-18-4	Tetrachloroethylene	25	25.5	102	80-131
108-88-3	Toluene	25	24.2	97	86-116
79-01-6	Trichloroethylene	25	24.3	97	85-124
75-69-4	Trichlorofluoromethane	25	28.4	114	66-156
75-01-4	Vinyl chloride	25	27.7	111	57-153
108-05-4	Vinyl Acetate	125	130	104	38-159
	m,p-Xylene	50	51.2	102	86-121
95-47-6	o-Xylene	25	24.8	99	83-121

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2647-BS	C065704.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	87-116%
17060-07-0	1,2-Dichloroethane-D4	99%	76-127%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	100%	84-120%

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1550-BS	M0037878.D	1	09/28/09	MM	n/a	n/a	VM1550

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-12, F67999-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
91-20-3	Naphthalene	25	24.3	97	59-125

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	87-116%
17060-07-0	1,2-Dichloroethane-D4	98%	76-127%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	104%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67999-3MS	C065714.D	1	09/25/09	AJ	n/a	n/a	VC2647
F67999-3MSD	C065715.D	1	09/25/09	AJ	n/a	n/a	VC2647
F67999-3	C065708.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Compound	F67999-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	101	81	111	89	9	59-134/14
107-02-8	Acrolein	20 U		125	20.1	16*	20.8	17*	3	33-157/21
107-13-1	Acrylonitrile	10 U		125	109	87	117	94	7	62-124/13
71-43-2	Benzene	1.0 U		25	22.9	92	22.8	91	0	83-124/11
108-86-1	Bromobenzene	1.0 U		25	23.4	94	23.3	93	0	83-115/10
74-97-5	Bromochloromethane	1.0 U		25	22.5	90	22.4	90	0	78-112/10
75-27-4	Bromodichloromethane	1.0 U		25	22.5	90	22.1	88	2	76-116/10
75-25-2	Bromoform	1.0 U		25	20.9	84	21.7	87	4	68-128/11
104-51-8	n-Butylbenzene	1.0 U		25	21.7	87	22.7	91	5	84-124/10
135-98-8	sec-Butylbenzene	1.0 U		25	25.6	102	26.6	106	4	86-127/10
98-06-6	tert-Butylbenzene	1.0 U		25	22.3	89	23.5	94	5	83-126/10
108-90-7	Chlorobenzene	1.0 U		25	23.7	95	24.4	98	3	87-115/9
75-00-3	Chloroethane	2.0 U		25	24.7	99	28.9	116	16	54-166/20
67-66-3	Chloroform	1.0 U		25	23.8	95	23.6	94	1	85-123/10
95-49-8	o-Chlorotoluene	1.0 U		25	23.8	95	24.4	98	2	84-121/10
106-43-4	p-Chlorotoluene	1.0 U		25	23.1	92	24.1	96	4	84-120/10
110-75-8	2-Chloroethyl vinyl ether	5.0 U		125	ND	0*	ND	0*	nc	63-125/24
75-15-0	Carbon disulfide	2.0 U		25	27.0	108	28.1	112	4	67-147/12
56-23-5	Carbon tetrachloride	1.0 U		25	22.2	89	22.9	92	3	74-139/13
75-34-3	1,1-Dichloroethane	1.0 U		25	22.9	92	23.0	92	0	82-127/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	24.6	98	26.2	105	6	75-133/13
563-58-6	1,1-Dichloropropene	1.0 U		25	23.9	96	24.9	100	4	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U		25	21.5	86	22.8	91	6	61-118/15
106-93-4	1,2-Dibromoethane	1.0 U		25	21.4	86	22.2	89	4	80-115/10
107-06-2	1,2-Dichloroethane	1.0 U		25	21.2	85	21.1	84	0	76-122/11
78-87-5	1,2-Dichloropropane	1.0 U		25	22.4	90	23.2	93	4	81-120/11
142-28-9	1,3-Dichloropropane	1.0 U		25	20.9	84	22.1	88	6	81-113/11
594-20-7	2,2-Dichloropropane	1.0 U		25	24.4	98	25.3	101	4	77-138/12
124-48-1	Dibromochloromethane	1.0 U		25	21.0	84	22.0	88	5	74-116/11
75-71-8	Dichlorodifluoromethane	2.0 U		25	22.1	88	29.4	118	28*	34-158/22
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	21.8	87	22.0	88	1	81-114/10
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	19.6	78*	19.9	80*	2	83-119/10
541-73-1	m-Dichlorobenzene	1.0 U		25	23.2	93	24.0	96	3	86-115/9
95-50-1	o-Dichlorobenzene	1.0 U		25	23.1	92	23.5	94	2	85-115/9
106-46-7	p-Dichlorobenzene	1.0 U		25	23.3	93	23.6	94	1	87-113/10
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	23.4	94	24.2	97	3	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67999-3MS	C065714.D	1	09/25/09	AJ	n/a	n/a	VC2647
F67999-3MSD	C065715.D	1	09/25/09	AJ	n/a	n/a	VC2647
F67999-3	C065708.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Compound	F67999-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	22.8	91	22.9	92	0	87-123/10
100-41-4	Ethylbenzene	1.0 U		25	24.5	98	25.3	101	3	87-118/10
591-78-6	2-Hexanone	10 U		125	113	90	123	98	8	58-125/14
87-68-3	Hexachlorobutadiene	2.0 U		25	24.7	99	25.3	101	2	71-133/12
98-82-8	Isopropylbenzene	1.0 U		25	23.2	93	23.3	93	0	87-131/10
99-87-6	p-Isopropyltoluene	1.0 U		25	22.0	88	22.5	90	2	83-125/9
108-10-1	4-Methyl-2-pentanone	5.0 U		125	119	95	129	103	8	62-125/13
74-83-9	Methyl bromide	2.0 U		25	24.4	98	26.6	106	9	55-151/21
74-87-3	Methyl chloride	2.0 U		25	21.2	85	26.1	104	21	55-173/22
74-95-3	Methylene bromide	2.0 U		25	22.8	91	23.0	92	1	81-116/10
75-09-2	Methylene chloride	5.0 U		25	21.3	85	21.5	86	1	69-125/11
78-93-3	Methyl ethyl ketone	5.0 U		125	113	90	122	98	8	61-127/13
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	20.2	81	21.9	88	8	75-116/10
91-20-3	Naphthalene	5.0 U		25	20.6	82	22.4	90	8	59-125/15
103-65-1	n-Propylbenzene	1.0 U		25	25.3	101	25.9	104	2	86-125/10
100-42-5	Styrene	1.0 U		25	21.4	86	21.3	85	0	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	21.9	88	22.0	88	0	81-119/10
71-55-6	1,1,1-Trichloroethane	1.0 U		25	23.3	93	24.4	98	5	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	21.5	86	23.5	94	9	71-120/11
79-00-5	1,1,2-Trichloroethane	1.0 U		25	21.2	85	22.5	90	6	80-114/11
87-61-6	1,2,3-Trichlorobenzene	1.0 U		25	22.3	89	23.7	95	6	64-126/16
96-18-4	1,2,3-Trichloropropane	2.0 U		25	19.2	77	21.4	86	11	77-115/12
120-82-1	1,2,4-Trichlorobenzene	1.0 U		25	23.6	94	23.6	94	0	68-123/11
95-63-6	1,2,4-Trimethylbenzene	2.0 U		25	21.5	86	22.0	88	2	82-120/10
108-67-8	1,3,5-Trimethylbenzene	2.0 U		25	24.4	98	25.3	101	4	83-123/10
127-18-4	Tetrachloroethylene	1.0 U		25	24.2	97	24.8	99	2	80-131/12
108-88-3	Toluene	1.0 U		25	22.7	91	23.6	94	4	86-116/10
79-01-6	Trichloroethylene	1.0 U		25	23.7	95	23.3	93	2	85-124/10
75-69-4	Trichlorofluoromethane	2.0 U		25	28.8	115	33.1	132	14	66-156/15
75-01-4	Vinyl chloride	1.0 U		25	22.8	91	27.6	110	19	57-153/22
108-05-4	Vinyl Acetate	10 U		125	141	113	146	117	3	38-159/11
	m,p-Xylene	2.0 U		50	50.4	101	50.4	101	0	86-121/10
95-47-6	o-Xylene	1.0 U		25	24.0	96	24.8	99	3	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67999-3MS	C065714.D	1	09/25/09	AJ	n/a	n/a	VC2647
F67999-3MSD	C065715.D	1	09/25/09	AJ	n/a	n/a	VC2647
F67999-3	C065708.D	1	09/25/09	AJ	n/a	n/a	VC2647

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-6, F67999-7, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-14, F67999-15, F67999-16

CAS No.	Surrogate Recoveries	MS	MSD	F67999-3	Limits
1868-53-7	Dibromofluoromethane	101%	102%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	99%	100%	95%	76-127%
2037-26-5	Toluene-D8	94%	96%	101%	86-112%
460-00-4	4-Bromofluorobenzene	93%	96%	100%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68094-4MS	M0037885.D	50	09/28/09	MM	n/a	n/a	VM1550
F68094-4MSD	M0037886.D	50	09/28/09	MM	n/a	n/a	VM1550
F68094-4	M0037884.D	50	09/28/09	MM	n/a	n/a	VM1550

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67999-12, F67999-13

CAS No.	Compound	F68094-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
91-20-3	Naphthalene	ND		1250	1280	102	1250	100	2	59-125/15

CAS No.	Surrogate Recoveries	MS	MSD	F68094-4	Limits
1868-53-7	Dibromofluoromethane	97%	96%	97%	87-116%
17060-07-0	1,2-Dichloroethane-D4	98%	99%	96%	76-127%
2037-26-5	Toluene-D8	97%	97%	98%	86-112%
460-00-4	4-Bromofluorobenzene	103%	103%	108%	84-120%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF70-MB	FF01357.D	1	09/25/09	NJ	n/a	n/a	GFF70

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-5, F67999-8, F67999-13

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.50	0.16	ug/l	

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF71-MB	FF01382.D	1	09/28/09	NJ	n/a	n/a	GFF71

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-4

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.50	0.16	ug/l	

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF70-BS	FF01358.D	1	09/25/09	NJ	n/a	n/a	GFF70

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-5, F67999-8, F67999-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-82-8	Methane	108	139	129	54-149

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF71-BS	FF01383.D	1	09/28/09	NJ	n/a	n/a	GFF71

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-82-8	Methane	108	135	125	54-149

Matrix Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67975-1MS	FF01376.D	1	09/25/09	NJ	n/a	n/a	GFF70
F67975-1	FF01360.D	1	09/25/09	NJ	n/a	n/a	GFF70

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-5, F67999-8, F67999-13

CAS No.	Compound	F67975-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
74-82-8	Methane	ND		108	152	141	54-149

Matrix Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68008-1MS	FF01397.D	1	09/28/09	NJ	n/a	n/a	GFF71
F68008-1	FF01394.D	1	09/28/09	NJ	n/a	n/a	GFF71

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-4

CAS No.	Compound	F68008-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
74-82-8	Methane	1.54		108	111	101	54-149

Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67999-4DUP	FF01372.D	1	09/25/09	NJ	n/a	n/a	GFF70
F67999-4 [a]	FF01371.D	1	09/25/09	NJ	n/a	n/a	GFF70

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-5, F67999-8, F67999-13

CAS No.	Compound	F67999-4 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	2820	L	3470	L	21	24

(a) Confirmation run.

Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68012-3DUP	FF01387.D	1	09/28/09	NJ	n/a	n/a	GFF71
F68012-3	FF01386.D	1	09/28/09	NJ	n/a	n/a	GFF71

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F67999-4

CAS No.	Compound	F68012-3 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	ND		ND		nc	24

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30317-MB	OP88084.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-16

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	105%	38-122%

Blank Spike Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30317-BS	OP88083.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-16

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.675	79	54-110

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	93%	38-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67999
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30317-MS	OP88086.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
OP30317-MSD	OP88087.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288
F67999-1	OP88085.D	1	09/24/09	SL	09/21/09	OP30317	GOP2288

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F67999-1, F67999-2, F67999-3, F67999-4, F67999-5, F67999-8, F67999-9, F67999-10, F67999-11, F67999-12, F67999-13, F67999-16

CAS No.	Compound	F67999-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	0.25	U	1.63	1.46	89	1.57	96	7	54-110/28

CAS No.	Surrogate Recoveries	MS	MSD	F67999-1	Limits
84-15-1	o-Terphenyl	93%	99%	98%	38-122%

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F67999
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Nitrogen, Nitrate	GP13583/GN36665	0.10	0.0	mg/l	2.5	2.47	98.8	90-110%
Nitrogen, Nitrite	GP13583/GN36665	0.10	0.0	mg/l	2.5	2.40	96.0	90-110%
Sulfate	GP13583/GN36665	2.0	0.0	mg/l	50	51.4	102.8	90-110%

Associated Samples:
Batch GP13583: F67999-13, F67999-4, F67999-5, F67999-8
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F67999
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Nitrogen, Nitrate	GP13583/GN36665	F67999-4	mg/l	0.13	0.0	200.0*(a)	0-20%
Nitrogen, Nitrate	GP13583/GN36665	F67999-5	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrite	GP13583/GN36665	F67999-4	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrite	GP13583/GN36665	F67999-5	mg/l	0.050 U	0.0	0.0	0-20%
Sulfate	GP13583/GN36665	F67999-5	mg/l	22.6	22.6	0.0	0-20%
Sulfate	GP13583/GN36755	F67999-4	mg/l	14.6	14.9	2.0	0-20%

Associated Samples:
Batch GP13583: F67999-13, F67999-4, F67999-5, F67999-8
(*) Outside of QC limits
(a) High RPD acceptable due to low sample and duplicate concentration.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F67999
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Nitrogen, Nitrate	GP13583/GN36665	F67999-4	mg/l	0.13	2.5	2.6	98.8	90-110%
Nitrogen, Nitrate	GP13583/GN36665	F67999-5	mg/l	0.050 U	2.5	2.6	104.0	90-110%
Nitrogen, Nitrite	GP13583/GN36665	F67999-4	mg/l	0.050 U	2.5	2.6	104.0	90-110%
Nitrogen, Nitrite	GP13583/GN36665	F67999-5	mg/l	0.050 U	2.5	2.5	100.0	90-110%
Sulfate	GP13583/GN36665	F67999-4	mg/l	14.6	50	58.4	87.6N(a)	90-110%
Sulfate	GP13583/GN36665	F67999-5	mg/l	22.6	50	65.6	86.0N(a)	90-110%

Associated Samples:
Batch GP13583: F67999-13, F67999-4, F67999-5, F67999-8
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

microseeps
from insight comes solutions

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0909202
Report Date: 09/29/09
Client Proj Name: F67999
Client Proj #: F67999

Laboratory Results

Total pages in data package: 7

Lab Sample #	Client Sample ID
P0909202-01	AIR
P0909202-02	OLD-38-58C-2
P0909202-03	OLD-38-56C
P0909202-04	OLD-38-54C

Microseeps test results meet all the requirements of the NELAC standards or provide reasons and/or justification if they do not.

Approved By: Debbie Hallo ***Date:*** 9-29-09

Project Manager: Debbie Hallo

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0909202
Report Date: 09/29/09
Client Proj Name: F67999
Client Proj #: F67999

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
AIR	Vapor	P0909202-01	14 Sep. 09 0:00	17 Sep. 09 13:51

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		3.400	0.600	nM	AM20GAX	9/25/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0909202
Report Date: 09/29/09
Client Proj Name: F67999
Client Proj #: F67999

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
OLD-38-58C-2	Vapor	P0909202-02	14 Sep. 09 14:00	17 Sep. 09 13:51

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		3.200	0.600	nM	AM20GAX	9/25/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0909202
Report Date: 09/29/09
Client Proj Name: F67999
Client Proj #: F67999

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
OLD-38-56C	Vapor	P0909202-03	14 Sep. 09 11:00	17 Sep. 09 13:51

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		8.900	1.200	nM	AM20GAX	9/25/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0909202
Report Date: 09/29/09
Client Proj Name: F67999
Client Proj #: F67999

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
OLD-38-54C	Vapor	P0909202-04	14 Sep. 09 14:30	17 Sep. 09 13:51

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Hydrogen		18.000	0.600	nM	AM20GAX	9/25/09	sl

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Accutest Labs
Contact: Aaron BenDavid
Address: 4405 Vineland St.
Suite C-15
Orlando, FL 32811

Lab Proj #: P0909202
Report Date: 09/29/09
Client Proj Name: F67999
Client Proj #: F67999

Prep Method: Hydrogen by Bubble Strip

Analysis Method: Hydrogen by Bubble Strip

M090925010-MB

	Result		TrueSpikeConc.	RDL	%Recovery	Ctl Limits
Hydrogen	< 0.600	nM		0.600		- NA

M090925010-LCS

	Result		TrueSpikeConc.	%Recovery	Ctl Limits
Hydrogen	10.000	nM	9.78	102.00	75 - 125

M090925010-LCSD

	Result		TrueSpikeConc.	%Recovery	Ctl Limits	RPD	RPD Ctl Limits
Hydrogen	10.000	nM	9.78	102.00	75 - 125	0.00	0 - 20

Outlined Results indicate results outside of Control limits

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Accutest Southeast Subcontract Chain of Custody

ACCUTEST Laboratories

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707

P0909202

PAGE 1 OF 1

Client / Reporting Information

ompany Name: Accutest Laboratories Southeast
ddress: 4405 Vineland Road Suite C-15
ity: Orlando State: Fl Zip: 32811
roject Contact: E-mail
none#:: 407-425-6700 Fax #: 407-425-0707
ab Technician Printed Name:

Project Information

Accutest Job Number: F67999
Street
City State
Project #
Fax #
Client Purchase Order #

Analytical Information

Hydrogen

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid

ab #	Client ID / Accutest Sample ID	COLLECTION DATE	TIME	SAMPLED BY:	CONTAINER INFORMATION MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NAOH+ZNAC	DI WATER	MEOH	Hydrogen								LAB USE ONLY
4		—	—		Air	1		X								X								
5	OLD-38-58C-2	9.14	1400		↓	↓		↓								↓								
8	OLD-38-56C	↓	1100		↓	↓		↓								↓								
13	OLD-38-54C	↓	1430		↓	↓		↓								↓								

TURNAROUND TIME (Business Days)

Approved By:

- X Standard 10 Business Days
- 7 Day *RUSH*
- 5 Day *RUSH*
- 3 Day *EMERGENCY*
- 2 Day *EMERGENCY*
- 1 Day *EMERGENCY*
- OTHER

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Ship to Laboratory- Microscops

Approved By- EBD

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by LabTechnician:	Date Time:	Received By/Affiliation	Relinquished by/Affiliation	Date Time:	Received By/Affiliation
1 [signature]	9.16 09 17:00	2	3		4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished by/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8 [signature] 9/17/00

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved Where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: