N65928.AR.001630
NTC ORLANDO
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GROUNDWATER SAMPLING AT OPERABLE UNIT 2 (OU 2) ENCLOSURE 2 NTC ORLANDO FL
3/1/2009
BFA ENVIRONMENTAL

ENCLOSURE 2
GROUNDWATER SAMPLING AT OPERABLE UNIT 2
NAVAL TRAINING CENTER, ORLANDO
March 2009

PREPARED FOR:	Mr. Art Sanford EV3, Environmental Restoration NAVFAC, SE
PREPARED BY:	BFA Environmental, Inc.
FIELD TEAM:	Darren Miller, Damian Allen
CONTRACT NUMBER:	N69450-08-R-8001
TASK ORDER NUMBER:	0002

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.

John Willis Senior Geologist BFA, Inc.	09/25/2009 Date	PG-FL1770 Registration No

Darren Miller Field Supervisor BFA, Inc.	09/25/2009 Date

TABLE OF CONTENTS

SECTION **PAGE**

Signatures Page ii

1.0 SUMMARY OF FIELD ACTIVITIES AND RESULTS 1

1.1 Deviations from Work-Plan 1
1.2 Water Level Measurements 1
1.3 Groundwater Sampling 1
1.3.1 Groundwater Analytical 1
1.3.1.1 VOCs 1
1.3.1.1.1 Shallow (A) Zone 1
1.3.1.1.2 Intermediate (B) Zone 2
1.3.1.2 VOHs 2
1.3.1.2.1 Shallow (A) Zone 2
1.3.1.2.2 Intermediate (B) Zone 2
1.3.1.3 Inorganics 2
1.3.1.3.1 Shallow (A) Zone 2
1.3.1.3.2 Intermediate (B) Zone 3
1.3.2 Analytical Results – Surface Water 3
2.0 Evaluation of Natural Attenuation 4
3.0 Conclusions 5
4.0 RECOMMENDATIONS 5

TABLES

Table 1: Water Level Elevations Summary T-1
Table 2: Field Parameters T-2
Table 3: Field Analyticals T-3

FIGURES

Figure		Page
Figure 1	Groundwater Potentiometric Map, Shallow (A) Zone March 2009	F-2
Figure 2	Groundwater Potentiometric Map, Intermediate (B) Zone March 2009	F-3
Figure 3	Groundwater Exceedences Map, (A) zone, March 2009	F-4
Figure 4	Benzene Isoconcentration Map,(B) zone March 2009	F-5
Figure 5	Trichloroethylene Isoconcentration Map, (B) zone March 2009	F-6
Figure 6	Dis-1,2-DCE Isoconcentration Map, (B) zone March 2009	F-7
Figure 7	Vinyl Chloride Isoconcentration Map, (B) zone March 2009	F-8

APPENDICES

(Electronic Copies)

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

1.0 SUMMARY OF FIELD ACTIVITIES AND RESULTS

1.1 Problems/ Deviations from Work-Plan:

None Noted

1.2 Water Level Measurements

Groundwater elevation data for OU2 are presented in ***Table 1*** and the potentiometric surface contours for the shallow and intermediate aquifer zones are presented in ***Figures 1*** and ***2***. Groundwater flow in the surficial and intermediate aquifers are generally toward the canals located throughout the site. There was insufficient data to provide a potentiometric surface map for the deep zone, but historic flow direction in the deep (Hawthorn) zone is generally toward the southwest and is thought to be stable and independent of the shallow and intermediate zones of the surficial aquifer.

1.3 Water Sampling

Groundwater sampling was accomplished on March 26, 27, 30 and 31, 2009. Twenty four monitoring wells and nine surface water sites were sampled for this event. Field parameters are displayed in Table 2, and field analyticals are displayed in Table 3.

1.3.1 Groundwater Analytical Results

The analytical detections for the March 2009 sampling event are summarized in Table-4 for groundwater and Table-5 for surface water. Full analytical tables for this event are displayed in Tables 6 and 7. The historical detections are compiled in Tables 1 and 2 for groundwater and surface water, respectively at the end of the background report. Shaded cells indicate concentrations equal to or greater than Florida GCTL (Florida Department of Environmental Protection [FDEP], 2004) or established background concentrations (ABB Environmental Services, Inc. [ABB-ES], 1995). For surface water samples shaded cells indicate concentrations equal to or greater than Florida Surface Water Cleanup Target Levels (SWCTL) (FDEP, 2004).

1.3.1.1 VOCs

1.3.1.1.1 Shallow (A) Zone

Benzene was detected <u>below</u> the GCTL (1.0 µg/L) in groundwater sampled from OLD-OU2-03A (0.71 µg/L). All A zone Contamination is shown in Figure 3

1.3.1.1.2 Intermediate (B) Zone

Benzene exceeded the GCTL (1.0 µg/L) in groundwater sampled from OLD-OU2-027B (7.4 µg/L), OLD-OU2-31B (27.3 µg/L) and OLD-OU2-037B (1.2 µg/L) as displayed in Figure 4.

1.3.1.2 VOHs

1.3.1.2.1 Shallow (A) Zone

TCE exceeded the GCTL (3.0 µg/L) in groundwater sampled from OLD-OU2-DP02A (35.1 µg/L). Vinyl chloride exceeded the GCTL (1 µg/L) in groundwater sampled from OLD-OU2-DP02A (3.7 µg/L). Cis-1,2-Dichloroethane exceeded the GCTL (70 µg/L) in groundwater sampled from OLD-OU2-DP02A (218 µg/L).

1.3.1.2.2 Intermediate (B) Zone

PCE was detected below the GCTL (3.0 µg/L) in groundwater sampled from OLD-OU2-31B (2.6 µg/L) and OLD-OU2-33B (0.69 µg/L; TCE exceeded the GCTL (3.0 µg/L) in groundwater sampled from OLD-OU2-33B (16.5 µg/L) (**Figure 5**); Cis-1,2-Dichloroethene exceeded the GCTL (70 µg/L) in groundwater sampled from OLD-OU2-18B (1,640 µg/L) (**Figure 6**); And Vinyl chloride exceeded the GCTL (1 µg/L) in groundwater sampled from OLD-OU2-18B (48.1 µg/L), OLD-OU2-31B (4.2 µg/L), and OLD-OU2-37B (1.4 µg/L) (**Figure7**).

1.3.1.3 Inorganics

1.3.1.3.1 Shallow (A) Zone

Iron exceeded the BGSV (1227 µg/L) in groundwater sampled from OLD-OU2-02A, OLD-OU2-3A, OLD-OU2-27A, OLD-OU2-29A, OLD-OU2-30A, OLD-OU2-33A and DP-02A. The maximum iron level was observed in groundwater sampled from OLD-OU2-02A (34,300 µg/L). Manganese exceeded the GCTL (50 µg/L) in groundwater sampled from OLD-OU2-02A, OLD-OU2-03A, and OLD-OU2-27A. The maximum manganese level was observed in groundwater sampled from OLD-OU2-27A (388 µg/L).

1.3.1.3.2 Intermediate (B) Zone

Iron exceeded the BGSV (1227 µg/L) in groundwater sampled from OLD-OU2-02B, OLD-OU2-03B, OLD-OU2-18B, OLD-OU2-21B, OLD-OU2-29B, OLD-OU2-30B, 3 OLD-OU2-1B, and OLD-OU2-33B. The maximum iron level was observed in groundwater sampled from OLD-OU2-30B (31,100 µg/L). Manganese exceeded the GCTL (50 µg/L) in groundwater sampled from OLD-OU2-30B (134 µg/L).

1.3.2 Analytical Results – Surface Water

Laboratory results indicated that the SWCTL for iron (1000 µg/L) was exceeded in seven of the nine surface water samples (OLD-OU2-SW29, OLD-OU2-SW30, OLD-OU2-SW31, OLD-OU2-SW32, OLD-OU2-SW33, OLD-OU2-SW34, and OLD-OU2-SW35); with the maximum iron level observed at OLD-OU2-SW34 (20,400 µg/L, duplicate 32,700 µg/L).

2.0 EVALUATION OF NATURAL ATTENUATION

The following discussion summarizes the NA indicator parameters that suggest whether or not natural biodegradation of the organic COC is occurring in the aquifer.

- Ferrous Iron concentrations ranged from non-detect to 3.6 mg/L for the shallow aquifer and 1.0 to 3.6 mg/L for the intermediate aquifer. Seven out of ten surface (A zone) water wells contained ferrous iron in detectable concentrations while all ten intermediate (B zone) wells contained detectable concentrations. The presence of ferrous iron indicates reducing conditions in the aquifer, and the possibility of anaerobic dechlorination of dissolved halocarbons.

- The ORP of the aquifer was within the range favorable for anaerobic reactions (i.e., less than 100 mV) at 18 of the 24 groundwater locations where ORP was measured.

- Organic Carbon was detected in groundwater from all wells analyzed for the parameter.

- Chloride was detected in groundwater from all wells analyzed for the parameter. Chloride can be an end product of reductive chlorination of halocarbons.

- Methane was present in all monitoring wells sampled for this parameter. The presence of methane indicates anaerobic conditions in the aquifer and the possibility of complete reductive dechlorination of halocarbons.

- The concentration of hydrogen in groundwater ranged between 0.73 and 14.0 nanomoles (nM) in all wells. The Hydrogen concentrations are characteristic of redox conditions that favor sulfate reduction and confirm the reducing conditions in the aquifer.

3.0 CONCLUSIONS

In summary, the groundwater chemistry across the halocarbon plume area is indicative of anaerobic conditions that favor reductive dechlorination of chlorinated chemicals such as the PCE, TCE, cis-1, 2-DCE and Vinyl Chloride that are the primary COC at this site. The COC concentrations observed are lower than seen in the baseline sampling events and are decreasing. There was one unusual set of analyses results, those for well OLD-OU2-18B. At this well PCE decreased from 92.3 in 2004 through 21.5 in 10/2008 to BDL in 03/2009 while TCE decreased from 6,260 in 2004 through 3,380 in 10/2008 and BDL in 03/2009 and Cis-1,2-DCE went from 341 through 174 to 1,640 in 03/2009.

The small amount of VOC contamination present is steadily decreasing and is not showing signs of migrating offsite.

4.0 RECOMMENDATIONS

Based on the results of the March semiannual sampling of this site, BFA recommends:

- Continue current monitoring schedule;

TABLES

Table 1 Water Level Elevations Summary
Table 2 Field Parameters
Table 3 Field Analyticals
Table 4 Detected Analytes
Table 5 Current Analytical Results

Table 1
Operational Unit 2 Groundwater Elevations, March 2009

Well Number	Well Type	Screen Interval (BGS)	TOC ELEVATION Ft. AMSL	Depth To Water	Groundwater Elevation
SHALLOW PIEZOMETERS					
P2	PZ	5-15	89.15	NM	NM
P3 S	PZ	8-18	91.23	6.80	84.43
P4	PZ	5-15	87.40	6.20	81.20
P5	PZ	7-17	92.50	9.96	82.54
P6	PZ	7-17	93.14	12.35	80.79
P7	PZ	7-17	92.71	8.35	84.36
P9	PZ	5-15	89.09	6.16	82.93
P10	PZ	5-15	90.66	NM	NM
P11	PZ	8-18	91.21	NM	NM
P12	PZ	8-18	89.84	NM	NM
P13	PZ	7-17	90.31	9.60	80.71
P14 E	PZ	5-15	88.32	6.20	82.12
P15	PZ	5-15	89.98	5.82	84.16
P16	PZ	5-15	91.14	8.48	82.66
P18	PZ	8-18	95.27	13.72	81.55
P19	PZ	7-17	91.82	9.80	82.02
P20	PZ	5-15	90.42	6.97	83.45
P21 N	PZ	7-17	92.32	13.27	79.05
P22 S	PZ	7-17	91.09	6.72	84.37
P23	PZ	7-17	92.50	9.67	82.83
SHALLOW MONITORING WELLS					
OLD-OU2-01A	2" well	4-14	90.06	9.28	80.78
OLD-OU2-02A	2" well	7-17	91.55	10.65	80.90
OLD-OU2-03A	2" well	7-17	89.21	8.86	80.35
OLD-OU2-04A	2" well	8-18	87.88	7.75	80.13
OLD-OU2-05A	2" well	8-18	91.93	12.33	79.60
OLD-OU2-06A	2" well	7-17	89.36	9.45	79.91
OLD-OU2-08A	2" well	8-18	91.50	10.42	81.08
OLD-OU2-09A	2" well	7-17	91.78	9.72	82.06
OLD-OU2-10A	2" well	5-15	90.08	6.72	83.36
OLD-OU2-11A	2" well	7-17	92.13	9.63	82.50
OLD-OU2-12A	2" well	5-15	90.54	8.57	81.97
OLD-OU2-13A	2" well	4-14	91.11	8.70	82.41
OLD-OU2-14A	2" well	5-15	90.10	8.59	81.51
OLD-OU2-15A	2" well	5-15	90.62	6.94	83.68
OLD-OU2-16A	2" well	4-14	90.44	3.60	86.84
OLD-OU2-17A	2" well	4-14	90.26	7.65	82.61
OLD-OU2-18A	2" well	4-14	90.20	8.87	81.33
OLD-OU2-19A	2" well	4-14	89.54	8.36	81.18
OLD-OU2-20A	2" well	5-15	90.93	9.76	81.17
OLD-OU2-21A	2" well	7-17	93.79	11.33	82.46
OLD-OU2-22A	2" well	7-17	91.43	7.09	84.34
OLD-OU2-27A	2" well	6-16	95.31	13.25	82.06
OLD-OU2-28A	2" well	6-16	94.53	13.34	81.19
OLD-OU2-29A	1" well	5-15	86.99	5.07	81.92
OLD-OU2-30A	1" well	5-15	88.68	7.15	81.53
OLD-OU2-31A	1" well	5-15	93.81	11.90	81.91
OLD-OU2-32A	1" well	5-15	93.94	12.14	81.80
OLD-OU2-33A	1" well	5-15	93.70	12.92	80.78
OLD-OU2-34A	1" well	5-15	90.06	9.32	80.74
OLD-OU2-36A	1" well	5-15	89.67	8.46	81.21
OLD-OU2-DP01A	1.25" well	4-8	82.68	2.29	80.39
OLD-OU2-DP02A	1.25" well	4-8	82.53	2.72	79.81

Well Number	Well Type	Screen Interval (BGS)	TOC ELEVATION (Ft. AMSL)	Depth To Water	Groundwater Elevation
INTERMEDIATE PIEZOMETERS					
P21 S	PZ	47-52	92.34	12.90	79.44
INTERMEDIATE MONITORING WELLS					
OLD-OU2-01B	2" well	24-29	90.05	8.24	81.81
OLD-OU2-02B	2" well	27-32	91.77	11.28	80.49
OLD-OU2-03B	2" well	27-32	89.17	8.90	80.27
OLD-OU2-04B	2" well	27-32	87.90	8.08	79.82
OLD-OU2-05B	2" well	41-46	92.05	12.69	79.36
OLD-OU2-07B	2" well	26-31	89.73	9.95	79.78
OLD-OU2-08B	2" well	35-40	91.44	10.34	81.10
OLD-OU2-09B	2" well	35-40	91.83	9.75	82.08
OLD-OU2-10B	2" well	31-36	90.28	6.94	83.34
OLD-OU2-12B	2" well	30-35	90.40	8.37	82.03
OLD-OU2-13B	2" well	26-31	91.08	8.70	82.38
OLD-OU2-14B	2" well	29-34	89.98	8.42	81.56
OLD-OU2-15B	2" well	35-40	90.56	6.89	83.67
OLD-OU2-16B	2" well	31-36	90.39	5.56	84.83
OLD-OU2-17B	2" well	29-34	90.22	7.65	82.57
OLD-OU2-18B	2" well	29-34	89.89	8.49	81.40
OLD-OU2-19B	2" well	31-36	89.27	6.65	82.62
OLD-OU2-20B	2" well	35-40	90.97	9.65	81.32
OLD-OU2-21B	2" well	28-33	93.93	11.45	82.48
OLD-OU2-22B	2" well	27-32	91.44	6.95	84.49
OLD-OU2-27B	2" well	27-32	95.31	13.48	81.83
OLD-OU2-28B	2" well	27-32	94.49	13.38	81.11
OLD-OU2-29B	1" well	25-30	86.79	4.80	81.99
OLD-OU2-30B	1" well	25-30	88.31	7.63	80.68
OLD-OU2-31B	1" well	25-30	93.53	11.62	81.91
OLD-OU2-32B	1" well	25-30	94.06	12.25	81.81
OLD-OU2-33B	1" well	25-30	93.42	12.32	81.10
OLD-OU2-35B	1" well	25-30	89.21	9.16	80.05
OLD-OU2-37B	1" well	25-30	92.67	10.40	82.27
OLD-OU2-DP01B	1" well	25-30	83.42	2.75	80.67
OLD-OU2-DP02B	1" well	25-30	83.70	4.06	79.64
DEEP PIEZOMETERS					
P3 N	PZ	43-48	91.16	39.65	51.51
P14 W	PZ	40-45	88.66	43.75	44.91
P22 N	PZ	48-53	90.78	43.30	47.48
DEEP MONITORING WELLS					
OLD-OU2-23C	2" well	49-54	92.00	44.56	47.44
OLD-OU2-24C	2" well	59-64	90.97	44.12	46.85
OLD-OU2-25C	2" well	68-72	91.17	NM	NM
OLD-OU2-26C	2" well	55-60	91.25	NM	NM
STAFF GAUGES					
SG2	NA	NA	Direct Read	NM	NM
SG3	NA	NA	Direct Read	NM	NM
SG5	NA	NA	Direct Read	NM	NM
SG7	NA	NA	Direct Read	NM	NM
SG8	NA	NA	Direct Read	NM	NM
SG9	NA	NA	Direct Read	NM	NM
GOAA Tank Farm Wells					
MW33		TD= 16.06 ft	93.82	NM	NM
CW05		TD= 8.5 ft	92.02	NM	NM

Table 2							
Operational Unit 2 Field Parameters, March 2009							
Well ID	Date	DO MG/l	Temp °C	Cond µS	pH	ORP mv	Turbidity NTU
OLD-OU2-02A	3/31/2009	0.28	24.65	981	6.63	-46.9	2.3
OLD-OU2-02B	3/31/2009	0.35	24.14	300	6.14	36.1	0.7
OLD-OU2-03A	3/31/2009	0.02	22.06	626.2	6.17	58	10.2
OLD-OU2-03B	3/31/2009	0.16	22.25	402	6.09	68	72
OLD-OU2-12B	3/26/2009	1.57	22.89	131	5.95	-66.1	0.4
OLD-OU2-18B	3/26/2009	0.28	25.26	178	5.73	-97.7	3.8
OLD-OU2-21A	3/31/2009	0.34	20.85	61	5.16	281.9	0.2
OLD-OU2-21B	3/31/2009	0.27	21.59	234	5.77	-119.7	0.9
OLD-OU2-27A	3/27/2009	0.01	23.21	218.1	5.43	111	1.8
OLD-OU2-27B	3/27/2009	0.01	24.51	172	5.02	100	0.6
OLD-OU2-28B	3/27/2009	1.75	23.45	111.1	4.67	258	1.8
OLD-OU2-29A	3/30/2009	0.11	22.09	142.3	5.27	88	20.4
OLD-OU2-29B	3/31/2009	0.20	22.63	108.7	5.61	52	14.4
OLD-OU2-30A	3/31/2009	0.00	22.68	156.4	5.79	67	272.8
OLD-OU2-30B	3/31/2009	0.02	23.97	732	6.29	6	2.0
OLD-OU2-31A	3/27/2009	1.08	23.18	50	5.61	223.7	1.9
OLD-OU2-31B	3/27/2009	0.35	24.16	188	5.38	-62.5	0.4
OLD-OU2-32A	3/26/2009	0.45	21.94	54.51	4.91	259	25.5
OLD-OU2-32B	3/26/2009	0.04	23.60	86.63	5.35	54	2.0
OLD-OU2-33A	3/27/2009	0.91	21.81	118	5.83	35.4	0.5
OLD-OU2-33B	3/27/2009	0.40	22.11	165	5.58	-99.5	2.4
OLD-OU2-37B	3/30/2009	0.00	22.96	202.2	5.09	60	12.3
OLD-OU2-DP01A	3/26/2009	2.18	26.76	109	5.57	-90	0.2
OLD-OU2-DP02A	3/26/2009	0.28	25.79	178	5.64	-45.4	0.8
OLD-OU2-LG1	3/31/2009	4.37	21.70	314	6.60	108.6	40.6
OLD-OU2-SW29	3/31/2009	1.49	19.32	315	6.69	52.3	15.0
OLD-OU2-SW30	3/31/2009	8.91	18.64	254	6.95	69.9	25.8
OLD-OU2-SW31	3/31/2009	5.29	18.97	244	6.98	92.6	39.3
OLD-OU2-SW32	3/26/2009	9.17	21.27	222	6.47	-63.7	0.5
OLD-OU2-SW33	3/26/2009	8.56	25.38	155	5.64	156.8	5.2
OLD-OU2-SW34	3/26/2009	7.62	28.45	201	5.54	142.6	6.2
OLD-OU2-SW35	3/26/2009	2.95	26.87	198	5.41	215.6	0.3
OLD-OU2-SW36	3/31/2009	11.37	20.23	237	6.36	127.7	11.6

Table 3						
OPERATIONAL UNIT 2 Field Analyticals, March 2009						
WELL ID	Date Sampled	CO2	FERROUS IRON	H2S	D.O.	SULFIDE
OLD-OU2-02A	3/31/2009	360	1.8	0.000	0.00	0
OLD-OU2-02B	3/31/2009	221	1.0	0.000	1.87	0
OLD-OU2-03A	3/31/2009	276	2.4	0.06	0.45	0.06
OLD-OU2-03B	3/31/2009	253	3.2	0.000	1.26	0
OLD-OU2-18B	3/26/2009	290	2.0	7.42	0.00	7.0
OLD-OU2-21A	3/31/2009	119	0.0	0.000	3.15	0
OLD-OU2-21B	3/31/2009	369	1.2	1.86	0.89	1.75
OLD-OU2-27A	3/27/2009	365	3.2	0.000	0.88	0
OLD-OU2-27B	3/27/2009	280	1.0	0.18	0.58	0.17
OLD-OU2-29A	3/30/2009	208	3.6	0.07	0.55	0.07
OLD-OU2-29B	3/31/2009	155	2.2	0.16	0.66	0.15
OLD-OU2-30A	3/31/2009	NM	NM	NM	NM	NM
OLD-OU2-30B	3/31/2009	569	3.6	0.000	0.00	0
OLD-OU2-31A	3/27/2009	120	0.2	0.000	2.83	0
OLD-OU2-31B	3/27/2009	528	1.95	4.77	0.00	4.50
OLD-OU2-32A	3/26/2009	150	0.0	0.000	1.46	0
OLD-OU2-32B	3/26/2009	180	1.0	0.34	0.78	0.32
OLD-OU2-33A	3/27/2009	178	2.0	0.000	1.41	0
OLD-OU2-33B	3/27/2009	332	1.95	2.12	0.86	2.0
OLD-OU2-DP02A	3/26/2009	209	1.2	3.45	1.28	3.25

Orlando NTC-OU2 Groundwater Analytical results March, 2009		Chemical Name		Carbon Dioxide	Hydrogen (nM)	Nitrogen	Oxygen	Methane	Ethane	Ethene	Iron	Manganese
		CAS No	Natural Attenuation Parameters	124-38-9	1333-74-0	7727-37-9	7782-44-7	74-82-8	74-84-0	74-85-1	7439-89-6	7439-96-5
		UNITS		mg/l	nM	mg/l	mg/l	µg/L	µg/L	µg/L	µg/L	µg/L
		GTCL		*	*	*	*	*	*	*	**300.00**	**50.00**
		NADSC_Limit									3,000.00	500.00
Well Number	**Lab Number**	NTC BGSV									**1,227.00**	**17.00**
OLD-OU2-02A	**F64318-18**	**3/31/2009**		**410**	**1.3**	**15**	**3.10**	2,010.00	0.32 U	0.43 U	**34,300.00**	**209.00**
OLD-OU2-2B	**F64318-19**	**3/31/2009**		**250**	**1.3**	**16**	**4.80**	**114.00**	0.32 U	0.43 U	**2,660.00**	**14.9 I**
OLD-OU2-3A	**F64318-16**	**3/31/2009**		**320**	**1.1**	**14**	**4.40**	**3,490.00**	0.32 U	0.43 U	**6,100.00**	**337.00**
	F64318-21	**DUP**		NA	NA	NA	NA	NA	NA	NA	**7,160.00**	**391.00**
OLD-OU2-3B	**F64318-17**	**3/31/2009**		**170**	**7.7**	**16**	**5.40**	**351.00**	0.32 U	0.43 U	**9,060.00**	**21.50**
OLD-OU2-12B	**F64242-1**	**3/26/2009**		NA	NA	NA	NA	NA	NA	NA	NA	NA
OLD-OU2-18B	**F64242-2**	**3/26/2009**		**330**	**14**	**15**	**3.00**	**2,650.00**	**0.62**	**6.52**	**2,650.00**	**19.50**
OLD-OU2-21A	**F64318-12**	**3/31/2009**		**90**	**1.2**	**17**	**4.50**	**1.49**	0.32 U	0.43 U	**74.1 I**	**8.5 I**
OLD-OU2-21B	**F64318-11**	**3/31/2009**		**450**	**3.4**	**15**	**3.80**	**658.00**	0.32 U	0.43 U	**1,450.00**	**19.60**
OLD-OU2-27A	**F64242-18**	**3/27/2009**		**380**	**4.4**	**17**	**7.30**	**74.80**	0.32 U	0.43 U	**5,740.00**	**388.00**
OLD-OU2-27B	**F64242-17**	**3/27/2009**		**510**	**2.2**	**17**	**3.60**	**1,990.00**	**0.35**	0.43 U	**888.00**	**5.0 I**
OLD-OU2-28B	**F64242-16**	**3/27/2009**		NA	NA	NA	NA	NA	NA	NA	NA	NA
OLD-OU2-29A	**F64318-2**	**3/30/2009**		**140**	**8**	**17**	**4.00**	**187.00**	0.32 U	0.43 U	**5,240.00**	**3.7 I**
OLD-OU2-29B	**F64318-13**	**3/31/2009**		5.0 U	**0.73**	**19**	**0.13**	**475.00**	0.32 U	0.43 U	**2,290.00**	**6.9 I**
OLD-OU2-30A	**F64318-14**	**3/31/2009**		NA	NA	NA	NA	**105.00**	0.32 U	0.43 U	**24,200.00**	**47.70**
OLD-OU2-30B	**F64318-15**	**3/31/2009**		**250**	**1.1**	**15**	**4.30**	**3,680.00**	0.32 U	0.43 U	**31,100.00**	**134.00**
OLD-OU2-31A	**F64242-14**	**3/27/2009**		**66**	**1**	**17**	**5.00**	**5.97**	0.32 U	0.43 U	**382.00**	**3.7 I**
OLD-OU2-31B	**F64242-15**	**3/27/2009**		**630**	**1.2**	**14**	**3.70**	**2,590.00**	**1.10**	**0.59**	**1,830.00**	**6.5 I**
OLD-OU2-32A	**F64242-10**	**3/26/2009**		**110**	**0.8**	**17**	**7.80**	**214.00**	0.32 U	0.43 U	**289 I**	**2.5 I**
OLD-OU2-32B	**F64242-11**	**3/26/2009**		**170**	**3**	**17**	**2.70**	**339.00**	0.32 U	0.43 U	**921.00**	**7.2 I**
OLD-OU2-33A	**F64242-13**	**3/27/2009**		5.0 U	**0.73**	**19**	**0.13**	**560.00**	0.32 U	0.43 U	**2,160.00**	**10.0 I**
OLD-OU2-33B	**F64242-12**	**3/27/2009**		**230**	**1.1**	**17**	**3.80**	**314.00**	0.32 U	0.43 U	**1,810.00**	**12.1 I**
OLD-OU2-37B	**F64318-1**	**3/30/2009**		NA	NA	NA	NA	NA	NA	NA	NA	NA
DP01A	**F64242-3**	**3/26/2009**		NA	NA	NA	NA	NA	NA	NA	NA	NA
DP02A	**F64242-4**	**3/26/2009**		**160**	**1.3**	**16**	**8.10**	**429.00**	0.32 U	0.43 U	**1,950.00**	**1.9 I**

Orlando NTC-OU2 Groundwater Analytical results March, 2009		Chemical Name	Nitrogen, Ammonia	Orthophosphate	Alkalinity, Total	Total Organic	Chloride	Nitrite	**Nitrate**	Sulfate		**Benzene**
		CAS No	E966655	14265-44-2	E1640192	E701250	16887-00-6	14797-65-0	14797-55-8	14808-79-8		71-43-2
		UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		µg/L
		GTCL	*	*	*	*	**250.00**	**1.00**	**10.00**	**250.00**		**1.00**
		NADSC_Limit										10.00
Well Number	**Lab Number**	NTC BGSV										
OLD-OU2-02A	**F64318-18**	**3/31/2009**	**51.70**	0.040 U	**620.00**	**73.40**	**24.40**	0.050 U	0.050 U	1.0 U		0.40 U
OLD-OU2-2B	**F64318-19**	**3/31/2009**	0.050 U	**0.15**	**26.40**	**9.90**	**47.80**	0.050 U	**0.11**	**19.30**		0.40 U
OLD-OU2-3A	**F64318-16**	**3/31/2009**	**4.30**	0.20 U	**203.00**	**30.10**	**70.60**	0.050 U	**0.13**	**15.20**		**0.71**
	F64318-21	**DUP**	NA	NA	NA	NA	NA	NA	NA	NA		**0.91**
OLD-OU2-3B	**F64318-17**	**3/31/2009**	**6.30**	**0.26**	**72.10**	**10.90**	**64.60**	0.050 U	**0.11**	**18.10**		0.40 U
OLD-OU2-12B	**F64242-1**	**3/26/2009**	NA	NA	NA	NA	NA	NA	NA	NA		0.40 U
OLD-OU2-18B	**F64242-2**	**3/26/2009**	0.050 U	**0.18**	**30.80**	**84.10**	**13.80**	**0.080 I**	0.050 U	1.0 U		8.0 U
OLD-OU2-21A	**F64318-12**	**3/31/2009**	0.050 U	0.020 U	2.5 U	**2.90**	**7.40**	0.050 U	0.050 U	**7.90**		0.40 U
OLD-OU2-21B	**F64318-11**	**3/31/2009**	0.050 U	**1.50**	**34.80**	**7.50**	**24.40**	0.050 U	0.050 U	**20.90**		0.40 U
OLD-OU2-27A	**F64242-18**	**3/27/2009**	**2.10**	**0.024 I**	**27.60**	**17.20**	**11.30**	0.050 U	0.050 U	**33.40**		0.40 U
OLD-OU2-27B	**F64242-17**	**3/27/2009**	**1.20**	**0.52**	**5.50**	**14.30**	**30.10**	0.050 U	0.050 U	**7.60**		**7.4**
OLD-OU2-28B	**F64242-16**	**3/27/2009**	NA	NA	NA	NA	NA	NA	NA	NA		0.40 U
OLD-OU2-29A	**F64318-2**	**3/30/2009**	**0.25**	**0.42**	**5.30**	**12.20**	**22.40**	0.050 U	0.050 U	**13.70**		0.40 U
OLD-OU2-29B	**F64318-13**	**3/31/2009**	**0.085 I**	**5.60**	**20.30**	**4.70**	**15.60**	0.050 U	0.050 U	**1.6 I**		0.40 U
OLD-OU2-30A	**F64318-14**	**3/31/2009**	**0.58**	**3.1 I**	**48.30**	**32.00**	**19.30**	0.050 U	0.050 U	**1.6 I**		0.40 U
OLD-OU2-30B	**F64318-15**	**3/31/2009**	**2.80**	**0.020 U**	**241.00**	**43.90**	**63.50**	0.050 U	0.050 U	**3.50**		0.40 U
OLD-OU2-31A	**F64242-14**	**3/27/2009**	0.050 U	**0.046 I**	2.5 U	**3.00**	**4.50**	0.050 U	**0.10**	**4.90**		0.40 U
OLD-OU2-31B	**F64242-15**	**3/27/2009**	0.050 U	**2.60**	**3.3 I**	**9.70**	**22.70**	0.050 U	**0.10**	**11.80**		**27.3**
OLD-OU2-32A	**F64242-10**	**3/26/2009**	0.050 U	0.020 U	**3.4 I**	**18.80**	**5.00**	0.050 U	**0.12**	**7.10**		0.40 U
OLD-OU2-32B	**F64242-11**	**3/26/2009**	**0.050 U**	**3.30**	**10.30**	**4.70**	**9.30**	0.050 U	**0.11**	**1.5 I**		0.40 U
OLD-OU2-33A	**F64242-13**	**3/27/2009**	0.050 U	0.020 U	2.5 U	**9.00**	**16.60**	0.050 U	0.050 U	**7.50**		0.40 U
OLD-OU2-33B	**F64242-12**	**3/27/2009**	**0.051 I**	**0.66**	**2.5 I**	**5.50**	**13.40**	0.050 U	0.050 U	**22.50**		0.40 U
OLD-OU2-37B	**F64318-1**	**3/30/2009**	NA	NA	NA	NA	NA	NA	NA	NA		**1.2**
DP01A	**F64242-3**	**3/26/2009**	NA	NA	NA	NA	NA	NA	NA	NA		0.40 U
DP02A	**F64242-4**	**3/26/2009**	0.050 U	**0.038 I**	**43.90**	**4.70**	**23.50**	0.050 U	0.050 U	**14.70**		0.40 U

Hydrocarbon Fuel Analytes

Orlando NTC-OU2 Groundwater Analytical results March, 2009		Chemical Name	Chloro-benzene	Naphthalene		Acetone		Tetrachloroethene	Trichloroethene	*cis* -1,2-Dichloro	Methylene chloride	Vinyl Chloride	
		CAS No	108-90-7	91-20-3		67-64-1		127-18-4	79-01-6	156-59-2	75-09-2	75-01-4	
		UNITS	µg/L	µg/L		µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	
		GTCL	**100.00**	**14.0**		**700.00**		**3.00**	**3.00**	**70.00**	**5.00**	**1.00**	Miscellaneous Parameters
		NADSC_Limit	1,000.00			7,000.00		300.00	30.00	700.00	500.00	10.00	
Well Number	**Lab Number**	NTC BGSV			Hydrocarbon Solvents		Halocarbon Solvents				* = Suspected		
OLD-OU2-02A	**F64318-18**	**3/31/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-2B	**F64318-19**	**3/31/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-3A	**F64318-16**	**3/31/2009**	**0.74**	1.0 U		**18.6**		0.22 U	0.32 U	0.20 U	**1.10**	0.30 U	
	F64318-21	**DUP**	**0.92**	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-3B	**F64318-17**	**3/31/2009**	0.78 I	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-12B	**F64242-1**	**3/26/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	**0.35**	1.0 U	0.30 U	
OLD-OU2-18B	**F64242-2**	**3/26/2009**	4.4 U	1.0 U		200 U		4.4 U	6.4 U	**1,640.00**	**39.7***	**48.10**	
OLD-OU2-21A	**F64318-12**	**3/31/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-21B	**F64318-11**	**3/31/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	**0.88**	1.0 U	0.30 U	
OLD-OU2-27A	**F64242-18**	**3/27/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-27B	**F64242-17**	**3/27/2009**	**25.8**	**4.10**		10 U		0.22 U	0.32 U	**1.00**	1.0 U	0.30 U	
OLD-OU2-28B	**F64242-16**	**3/27/2009**	**0.83**	1.0 U		10 U		0.22 U	0.32 U	**0.29 I**	1.0 U	0.30 U	
OLD-OU2-29A	**F64318-2**	**3/30/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-29B	**F64318-13**	**3/31/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-30A	**F64318-14**	**3/31/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-30B	**F64318-15**	**3/31/2009**	**2.4**	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-31A	**F64242-14**	**3/27/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-31B	**F64242-15**	**3/27/2009**	**39.7**	1.0 U		10 U		**2.60**	**1.40**	**2.70**	1.0 U	**4.20**	
OLD-OU2-32A	**F64242-10**	**3/26/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-32B	**F64242-11**	**3/26/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-33A	**F64242-13**	**3/27/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	0.30 U	
OLD-OU2-33B	**F64242-12**	**3/27/2009**	**5.3**	1.0 U		10 U		**0.69**	**16.50**	**1.10**	1.0 U	0.30 U	
OLD-OU2-37B	**F64318-1**	**3/30/2009**	**7.6**	**4.40**		10 U		0.22 U	0.32 U	**1.80**	1.0 U	**1.40**	
DP01A	**F64242-3**	**3/26/2009**	0.22 U	1.0 U		10 U		0.22 U	0.32 U	0.20 U	1.0 U	**0.32**	
DP02A	**F64242-4**	**3/26/2009**	**1.3**	1.0 U		10 U		0.22 U	**35.10**	**218.00**	1.0 U	**3.70**	

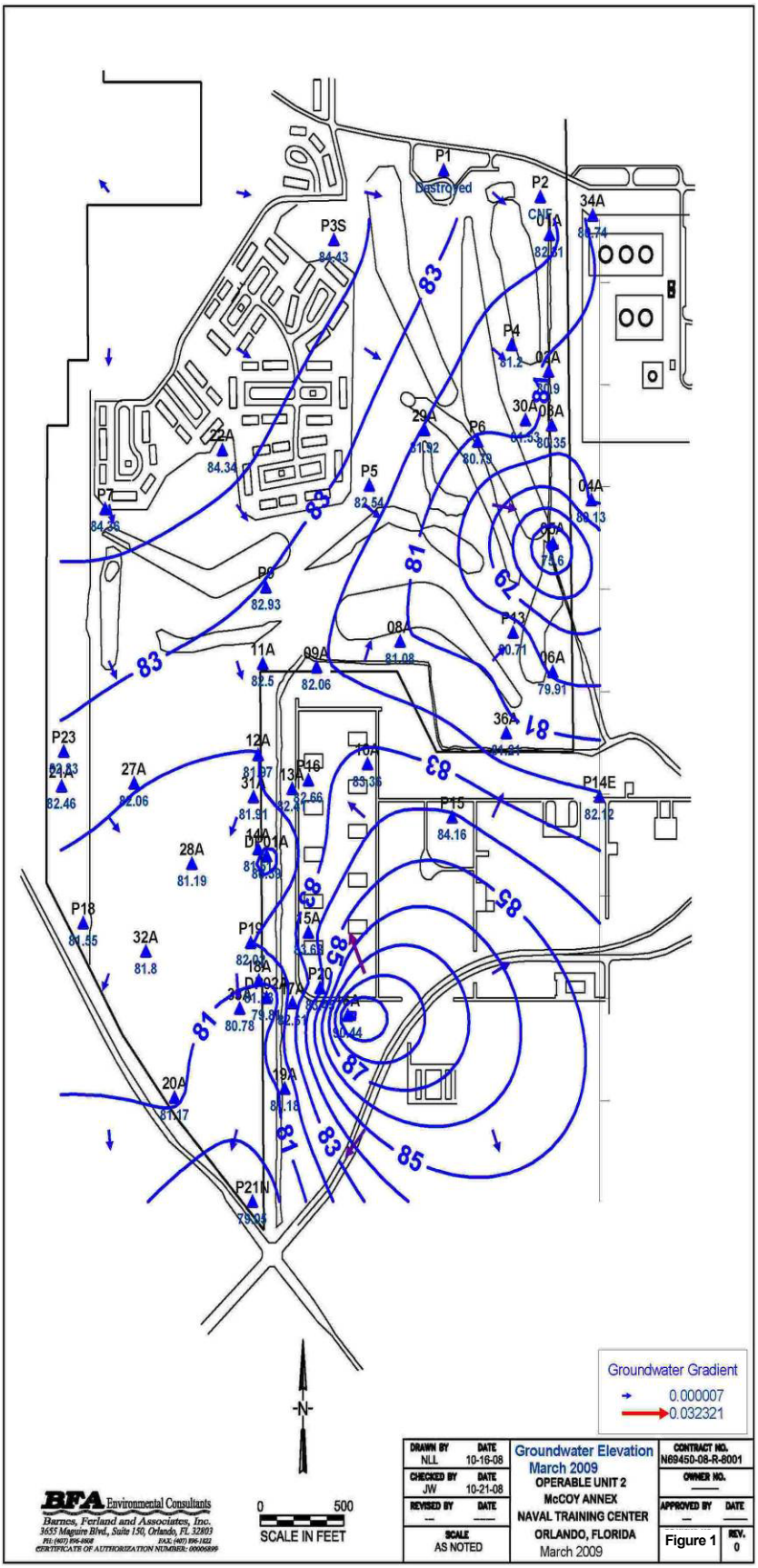
Orlando NTC-OU2 Groundwater Analytical results March, 2009		Chemical Name	Isopropy-lbenzene	p-Dichloro-benzene
		CAS No	98-82-8	106-46-7
		UNITS	µg/L	µg/L
		GTCL	**	**75.00**
		NADSC_Limit		
Well Number	**Lab Number**	NTC BGSV		
OLD-OU2-02A	**F64318-18**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-2B	**F64318-19**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-3A	**F64318-16**	**3/31/2009**	0.20 U	**0.74**
	F64318-21	**DUP**	0.20 U	0.22 U
OLD-OU2-3B	**F64318-17**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-12B	**F64242-1**	**3/26/2009**	0.20 U	0.22 U
OLD-OU2-18B	**F64242-2**	**3/26/2009**	0.20 U	4.4 U
OLD-OU2-21A	**F64318-12**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-21B	**F64318-11**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-27A	**F64242-18**	**3/27/2009**	0.20 U	0.22 U
OLD-OU2-27B	**F64242-17**	**3/27/2009**	**0.24**	**6.40**
OLD-OU2-28B	**F64242-16**	**3/27/2009**	0.20 U	0.22 U
OLD-OU2-29A	**F64318-2**	**3/30/2009**	0.20 U	0.22 U
OLD-OU2-29B	**F64318-13**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-30A	**F64318-14**	**3/31/2009**	0.20 U	0.22 U
OLD-OU2-30B	**F64318-15**	**3/31/2009**	0.20 U	**1.10**
OLD-OU2-31A	**F64242-14**	**3/27/2009**	0.20 U	0.22 U
OLD-OU2-31B	**F64242-15**	**3/27/2009**	0.20 U	**5.50**
OLD-OU2-32A	**F64242-10**	**3/26/2009**	0.20 U	0.22 U
OLD-OU2-32B	**F64242-11**	**3/26/2009**	0.20 U	0.22 U
OLD-OU2-33A	**F64242-13**	**3/27/2009**	0.20 U	0.22 U
OLD-OU2-33B	**F64242-12**	**3/27/2009**	0.20 U	0.22 U
OLD-OU2-37B	**F64318-1**	**3/30/2009**	0.20 U	**3.00**
DP01A	**F64242-3**	**3/26/2009**	0.20 U	0.22 U
DP02A	**F64242-4**	**3/26/2009**	0.20 U	0.22 U

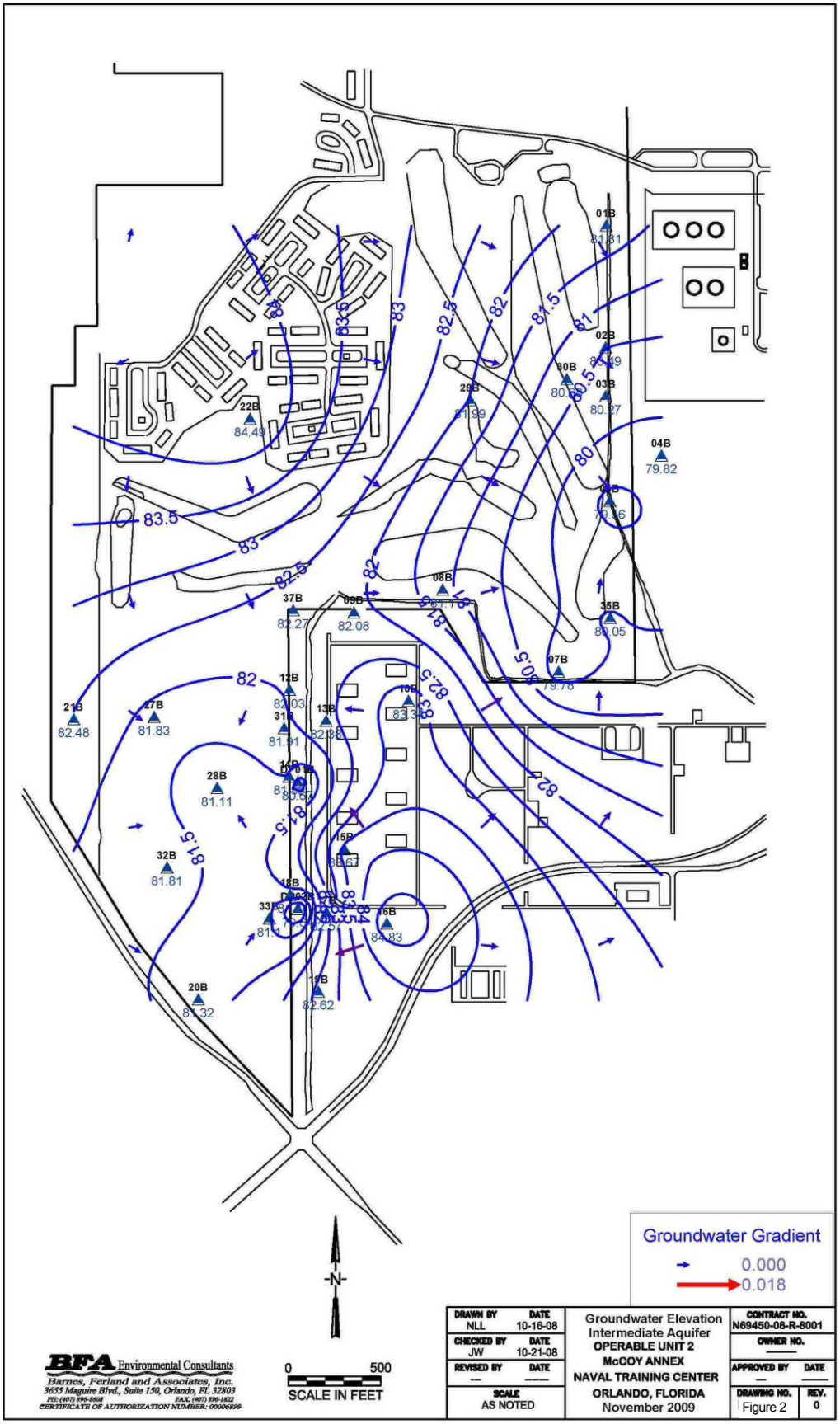
Orlando NTC-OU2			Well Number		OLD-OU2-02A	OLD-OU2-2B	OLD-OU2-3A		OLD-OU2-3B	OLD-OU2-12B	OLD-OU2-18B	OLD-OU2-21A	OLD-OU2-21B	OLD-OU2-27A	OLD-OU2-27B	OLD-OU2-28B	OLD-OU2-29A	OLD-OU2-29B
Groundwater Analytical results			Lab Number		F64318-18	F64318-19	F64318-16	F64318-21	F64318-17	F64242-1	F64242-2	F64318-12	F64318-11	F64242-18	F64242-17	F64242-16	F64318-2	F64318-13
March, 2009			Date		3/31/2009	3/31/2009	3/31/2009	DUP	3/31/2009	3/26/2009	3/26/2009	3/31/2009	3/31/2009	3/27/2009	3/27/2009	3/27/2009	3/30/2009	3/31/2009
Chemical Name	CAS No	UNITS	GTCL Limits	NTC BGSV														
Natural Attenuation Parameters																		
Carbon Dioxide	124-38-9	mg/l	*		410	250	320	NA	170	NA	330	90	450	380	510	NA	140	5.0 U
Hydrogen (nM)	1333-74-0	nM	*		1.3	1.3	1.1	NA	7.7	NA	14	1.2	3.4	4.4	2.2	NA	8	0.73
Nitrogen	7727-37-9	mg/l	*		15	16	14	NA	16	NA	15	17	15	17	17	NA	17	19
Oxygen	7782-44-7	mg/l	*		3.10	4.80	4.40	NA	5.40	NA	3.00	4.50	3.80	7.30	3.60	NA	4.00	0.13
Methane	74-82-8	µg/L	*		2,010.00	114.00	3,490.00	NA	351.00	NA	2,650.00	1.49	658.00	74.80	1,990.00	NA	187.00	475.00
Ethane	74-84-0	µg/L	*		0.32 U	0.32 U	0.32 U	NA	0.32 U	NA	0.62	0.32 U	0.32 U	0.32 U	0.35	NA	0.32 U	0.32 U
Ethene	74-85-1	µg/L	*		0.43 U	0.43 U	0.43 U	NA	0.43 U	NA	6.52	0.43 U	0.43 U	0.43 U	0.43 U	NA	0.43 U	0.43 U
Iron	7439-89-6	µg/L	300.00	1,227.00	34,300.00	2,660.00	6,100.00	7,160.00	9,060.00	NA	2,650.00	74.1 I	1,450.00	5,740.00	888.00	NA	5,240.00	2,290.00
Manganese	7439-96-5	µg/L	50.00	17.00	209.00	14.9 I	337.00	391.00	21.50	NA	19.50	8.5 I	19.60	388.00	5.0 I	NA	3.7 I	6.9 I
Nitrogen, Ammonia	E966655	mg/l	*		51.70	0.050 U	4.30	NA	6.30	NA	0.050 U	0.050 U	0.050 U	2.10	1.20	NA	0.25	0.085 I
Orthophosphate	14265-44-2	mg/l	*		0.040 U	0.15	0.20 U	NA	0.26	NA	0.18	0.020 U	1.50	0.024 I	0.52	NA	0.42	5.60
Alkalinity, Total	E1640192	mg/l	*		620.00	26.40	203.00	NA	72.10	NA	30.80	2.5 U	34.80	27.60	5.50	NA	5.30	20.30
Total Organic Carbon	E701250	mg/l	*		73.40	9.90	30.10	NA	10.90	NA	84.10	2.90	7.50	17.20	14.30	NA	12.20	4.70
Chloride	16887-00-6	mg/l	250.00		24.40	47.80	70.60	NA	64.60	NA	13.80	7.40	24.40	11.30	30.10	NA	22.40	15.60
Nitrite	14797-65-0	mg/l	1.00		0.050 U	0.050 U	0.050 U	NA	0.050 U	NA	0.080 I	0.050 U	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U
Nitrate	14797-55-8	mg/l	10.00		0.050 U	0.11	0.13	NA	0.11	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U
Sulfate	14808-79-8	mg/l	250.00		1.0 U	19.30	15.20	NA	18.10	NA	1.0 U	7.90	20.90	33.40	7.60	NA	13.70	1.6 I
Hydrocarbon Fuel Analytes																		
Benzene	71-43-2	µg/L	1.00		0.40 U	0.40 U	0.71	0.91	0.40 U	0.40 U	8.0 U	0.40 U	0.40 U	0.40 U	7.4	0.40 U	0.40 U	0.40 U
Toluene	108-88-3	µg/L	40.00		0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	7.0 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Ethylbenzene	100-41-4	µg/L	30.00		0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	8.6 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
Total Xylenes	1330-20-7	µg/L	20.00		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	88 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Chlorobenzene	108-90-7	µg/L	100.00		0.22 U	0.22 U	0.74	0.92	0.78 I	0.22 U	4.4 U	0.22 U	0.22 U	0.22 U	25.8	0.83	0.22 U	0.22 U
Hydrocarbon Solvents																		
Acetone	67-64-1	µg/L	700.00		10 U	10 U	18.6	10 U	10 U	10 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl ethyl ketone	78-93-3	µg/L	4,200.00		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	40 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	100-42-5	µg/L	100.00		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	7.2 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Carbon Disulfide	75-15-0	µg/L	700.00		0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	8.0 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
2-Hexanone	591-78-6	µg/L	280.00		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	108-10-1	µg/L	560.00		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	40 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Halocarbon Solvents and Degradation Products																		
Carbon tetrachloride	56-23-5	µg/L	3.00		0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	4.4 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloroform	67-66-3	µg/L	5.70		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	5.6 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.20		0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	4.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloroethane	79-00-5	µg/L	5.00		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	5.2 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1,1-Trichloroethane	71-55-6	µg/L	200.00		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	6.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2-Dichloroethane	107-06-2	µg/L	3.00		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	6.8 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,1-Dichloroethane	75-35-3	µg/L	70.00		0.24 U	0.24 U	0.32 I	0.34 I	0.24 U	0.24 U	4.8 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Chloroethane	75-00-3	µg/L	12.00		0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	9.6 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Tetrachloroethene	127-18-4	µg/L	3.00		0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	4.4 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Trichloroethene	79-01-6	µg/L	3.00		0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	6.4 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
***cis* -1,2-Dichloroethene**	156-59-2	µg/L	70.00		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.35	1,640.00	0.20 U	0.88	0.20 U	1.00	0.29 I	0.20 U	0.20 U
Trans-1,2-Dichloroethene	156-60-5	µg/L	100.00		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	9.0 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
1,1-Dichloroethene	75-35-4	µg/L	70.00		0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	4.8 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methyl chloride	74-87-3	µg/L	2.70		0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	12 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
Methylene chloride	75-09-2	µg/L	5.00		1.0 U	1.0 U	1.10	1.0 U	1.0 U	1.0 U	39.7*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	75-01-4	µg/L	1.00		0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	48.10	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
Miscellaneous Parameters										* = Suspected Laboratory Contaminant								
1,2-Dichloropropane	78-87-5	µg/L	5.00		0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	4.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Dibromochloromethane	124-48-1	µg/L	0.40		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
cis -1,3-Dichloropropene(d)	10061-01-5	µg/L	1.90		0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	4.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
trans-1,3-Dichloropropene	10061-02-6	µg/L	0.40		0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	4.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Bromoform	75-25-2	µg/L	4.40		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	6.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bromodichloromethane	75-27-4	µg/L	0.60		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Methyl bromide	74-83-9	µg/L	*		0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	16 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Isopropylbenzene	98-82-8	µg/L	**		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.24	0.20 U	0.20 U	0.20 U
Naphthalene	91-20-3	µg/L	14.0		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	4.10	1.0 U	1.0 U	1.0 U
p-Dichlorobenzene	106-46-7	µg/L	75.00		0.22 U	0.22 U	0.74	0.22 U	0.22 U	0.22 U	4.4 U	0.22 U	0.22 U	0.22 U	6.40	0.22 U	0.22 U	0.22 U

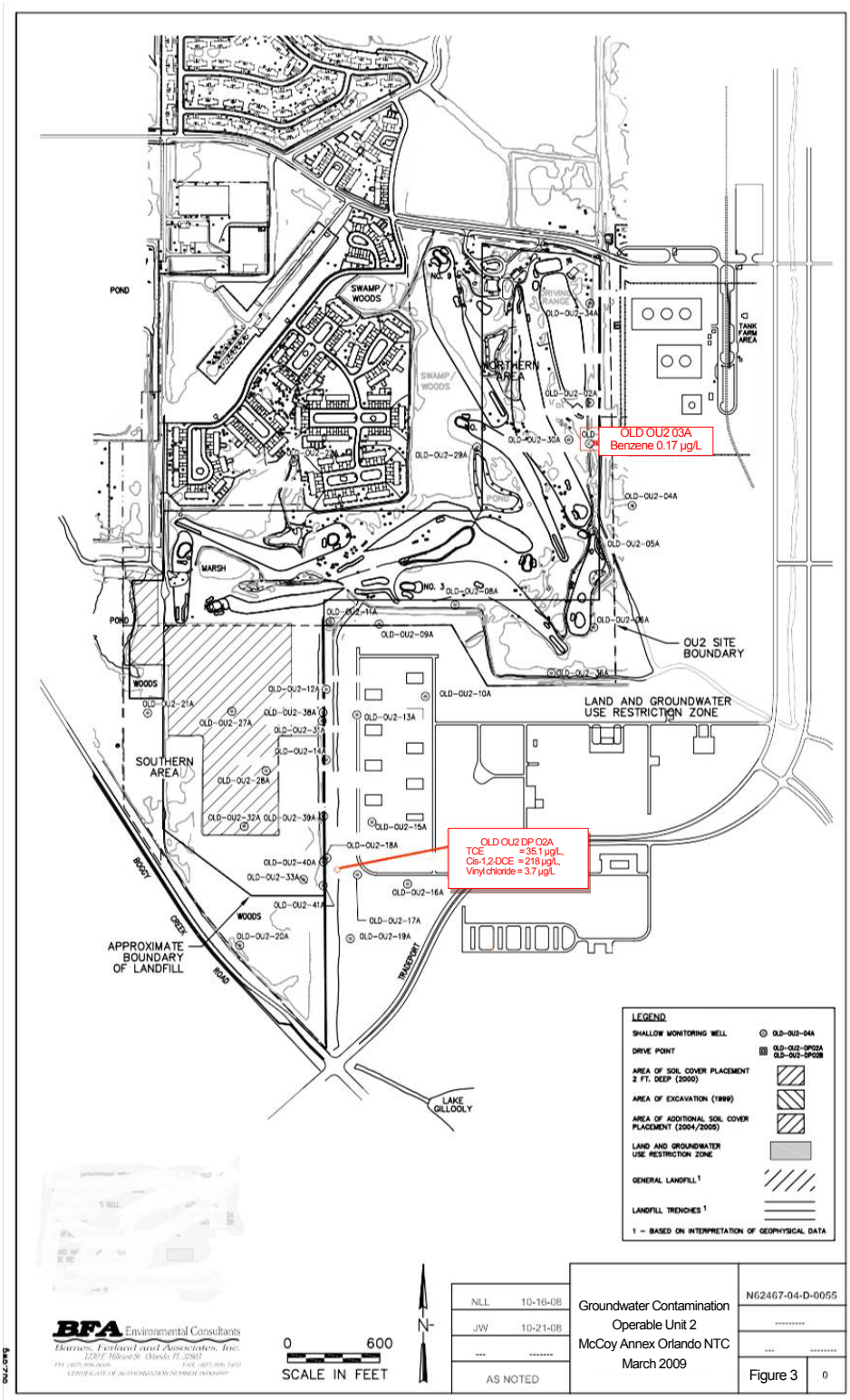
Orlando NTC-OU2			Well Nu	OLD-OU2-30A	OLD-OU2-30B	OLD-OU2-31A	OLD-OU2-31B	OLD-OU2-32A	OLD-OU2-32B	OLD-OU2-33A	OLD-OU2-33B	OLD-OU2-37B	OLD-OU2-DP01A	OLD-OU2-DP02A	OLD-OU2-EB1	OLD-OU2-EB2	OLD-OU2-EB3
Groundwater Analytical results			Lab Nu	F64318-14	F64318-15	F64242-14	F64242-15	F64242-10	F64242-11	F64242-13	F64242-12	F64318-1	F64242-3	F64242-4	F64318-3	F64318-9	F64318-20
March, 2009			Da	3/31/2009	3/31/2009	3/27/2009	3/27/2009	3/26/2009	3/26/2009	3/27/2009	3/27/2009	3/30/2009	3/26/2009	3/26/2009	3/30/2009	3/31/2009	3/31/2009
Chemical Name	CAS No	UNITS	GTCL Limits														
Natural Attenuation Parameters																	
Carbon Dioxide	124-38-9	mg/l	*	NA	250	66	630	110	170	5.0 U	230	NA	NA	160	NA	NA	NA
Hydrogen (nM)	1333-74-0	nM	*	NA	1.1	1	1.2	0.8	3	0.73	1.1	NA	NA	1.3	NA	NA	NA
Nitrogen	7727-37-9	mg/l	*	NA	15	17	14	17	17	19	17	NA	NA	16	NA	NA	NA
Oxygen	7782-44-7	mg/l	*	NA	4.30	5.00	3.70	7.80	2.70	0.13	3.80	NA	NA	8.10	NA	NA	NA
Methane	74-82-8	µg/L	*	105.00	3,680.00	5.97	2,590.00	214.00	339.00	560.00	314.00	NA	NA	429.00	NA	NA	NA
Ethane	74-84-0	µg/L	*	0.32 U	0.32 U	0.32 U	1.10	0.32 U	0.32 U	0.32 U	0.32 U	NA	NA	0.32 U	NA	NA	NA
Ethene	74-85-1	µg/L	*	0.43 U	0.43 U	0.43 U	0.59	0.43 U	0.43 U	0.43 U	0.43 U	NA	NA	0.43 U	NA	NA	NA
Iron	7439-89-6	µg/L	300.00	24,200.00	31,100.00	382.00	1,830.00	289 I	921.00	2,160.00	1,810.00	NA	NA	1,950.00	23 U	23 U	23 U
Manganese	7439-96-5	µg/L	50.00	47.70	134.00	3.7 I	6.5 I	2.5 I	7.2 I	10.0 I	12.1 I	NA	NA	1.9 I	1.0 U	1.0 U	1.0 U
Nitrogen, Ammonia	E966655	mg/l	*	0.58	2.80	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.051 I	NA	NA	0.050 U	NA	NA	NA
Orthophosphate	14265-44-2	mg/l	*	3.1 I	0.020 U	0.046 I	2.60	0.020 U	3.30	0.020 U	0.66	NA	NA	0.038 I	NA	NA	NA
Alkalinity, Total	E1640192	mg/l	*	48.30	241.00	2.5 U	3.3 I	3.4 I	10.30	2.5 U	2.5 I	NA	NA	43.90	NA	NA	NA
Total Organic Carbon	E701250	mg/l	*	32.00	43.90	3.00	9.70	18.80	4.70	9.00	5.50	NA	NA	4.70	NA	NA	NA
Chloride	16887-00-6	mg/l	250.00	19.30	63.50	4.50	22.70	5.00	9.30	16.60	13.40	NA	NA	23.50	NA	NA	NA
Nitrite	14797-65-0	mg/l	1.00	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U	NA	NA	NA
Nitrate	14797-55-8	mg/l	10.00	0.050 U	0.050 U	0.10	0.10	0.12	0.11	0.050 U	0.050 U	NA	NA	0.050 U	NA	NA	NA
Sulfate	14808-79-8	mg/l	250.00	1.6 I	3.50	4.90	11.80	7.10	1.5 I	7.50	22.50	NA	NA	14.70			
Hydrocarbon Fuel Analytes																	
Benzene	71-43-2	µg/L	1.00	0.40 U	0.40 U	0.40 U	27.3	0.40 U	0.40 U	0.40 U	0.40 U	1.2	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Toluene	108-88-3	µg/L	40.00	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	0.35 U	0.35 U	0.35 U
Ethylbenzene	100-41-4	µg/L	30.00	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	0.43 U	0.43 U	0.43 U	0.43 U
Total Xylenes	1330-20-7	µg/L	20.00	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Chlorobenzene	108-90-7	µg/L	100.00	0.22 U	2.4	0.22 U	39.7	0.22 U	0.22 U	0.22 U	5.3	7.6	0.22 U	1.3	0.22 U	0.22 U	0.22 U
Hydrocarbon Solvents																	
Acetone	67-64-1	µg/L	700.00	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl ethyl ketone	78-93-3	µg/L	4,200.00	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	2.0 U	2.0 U	2.0 U
Styrene	100-42-5	µg/L	100.00	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	0.36 U	0.36 U	0.36 U
Carbon Disulfide	75-15-0	µg/L	700.00	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	0.40 U	0.40 U	0.40 U
2-Hexanone	591-78-6	µg/L	280.00	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	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	108-10-1	µg/L	560.00	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	2.0 U	2.0 U	2.0 U
Halocarbon Solvents and Degradation Products																	
Carbon tetrachloride	56-23-5	µg/L	3.00	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	0.22 U	0.22 U	0.22 U
Chloroform	67-66-3	µg/L	5.70	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	0.28 U	0.28 U	0.28 U
1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.20	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	0.21 U	0.21 U	0.21 U
1,1,2-Trichloroethane	79-00-5	µg/L	5.00	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	0.26 U	0.26 U	0.26 U
1,1,1-Trichloroethane	71-55-6	µg/L	200.00	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	0.33 U	0.33 U	0.33 U
1,2-Dichloroethane	107-06-2	µg/L	3.00	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	0.34 U	0.34 U	0.34 U
1,1-Dichloroethane	75-35-3	µg/L	70.00	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	0.24 U	0.24 U	0.24 U
Chloroethane	75-00-3	µg/L	12.00	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	0.48 U	0.48 U	0.48 U
Tetrachloroethene	127-18-4	µg/L	3.00	0.22 U	0.22 U	0.22 U	2.60	0.22 U	0.22 U	0.22 U	0.69	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Trichloroethene	79-01-6	µg/L	3.00	0.32 U	0.32 U	0.32 U	1.40	0.32 U	0.32 U	0.32 U	16.50	0.32 U	0.32 U	35.10	0.32 U	0.32 U	0.32 U
***cis* -1,2-Dichloroethene**	156-59-2	µg/L	70.00	0.20 U	0.20 U	0.20 U	2.70	0.20 U	0.20 U	0.20 U	1.10	1.80	0.20 U	218.00	0.20 U	0.20 U	0.20 U
Trans-1,2-Dichloroethene	156-60-5	µg/L	100.00	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	1.30	0.45 U	0.45 U	0.45 U
1,1-Dichloroethene	75-35-4	µg/L	70.00	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	0.54 U	0.54 U	0.54 U
Methyl chloride	74-87-3	µg/L	2.70	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	0.61 U	0.61 U	0.61 U
Methylene chloride	75-09-2	µg/L	5.00	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	1.0 U	1.0 U	1.0 U
Vinyl Chloride	75-01-4	µg/L	1.00	0.30 U	0.30 U	0.30 U	4.20	0.30 U	0.30 U	0.30 U	0.30 U	1.40	0.32	3.70	0.30 U	0.30 U	0.30 U
Miscellaneous Parameters																	
1,2-Dichloropropane	78-87-5	µg/L	5.00	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	0.21 U	0.21 U	0.21 U
Dibromochloromethane	124-48-1	µg/L	0.40	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
cis -1,3-Dichloropropene(d)	10061-01-5	µg/L	1.90	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	0.21 U	0.21 U	0.21 U
trans-1,3-Dichloropropene	10061-02-6	µg/L	0.40	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	0.21 U	0.21 U	0.21 U
Bromoform	75-25-2	µg/L	4.40	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	0.33 U	0.33 U	0.33 U
Bromodichloromethane	75-27-4	µg/L	0.60	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Methyl bromide	74-83-9	µg/L	*	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Isopropylbenzene	98-82-8	µg/L	**	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Naphthalene	91-20-3	µg/L	14.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.40	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
p-Dichlorobenzene	106-46-7	µg/L	75.00	0.22 U	1.10	0.22 U	5.50	0.22 U	0.22 U	0.22 U	0.22 U	3.00	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U

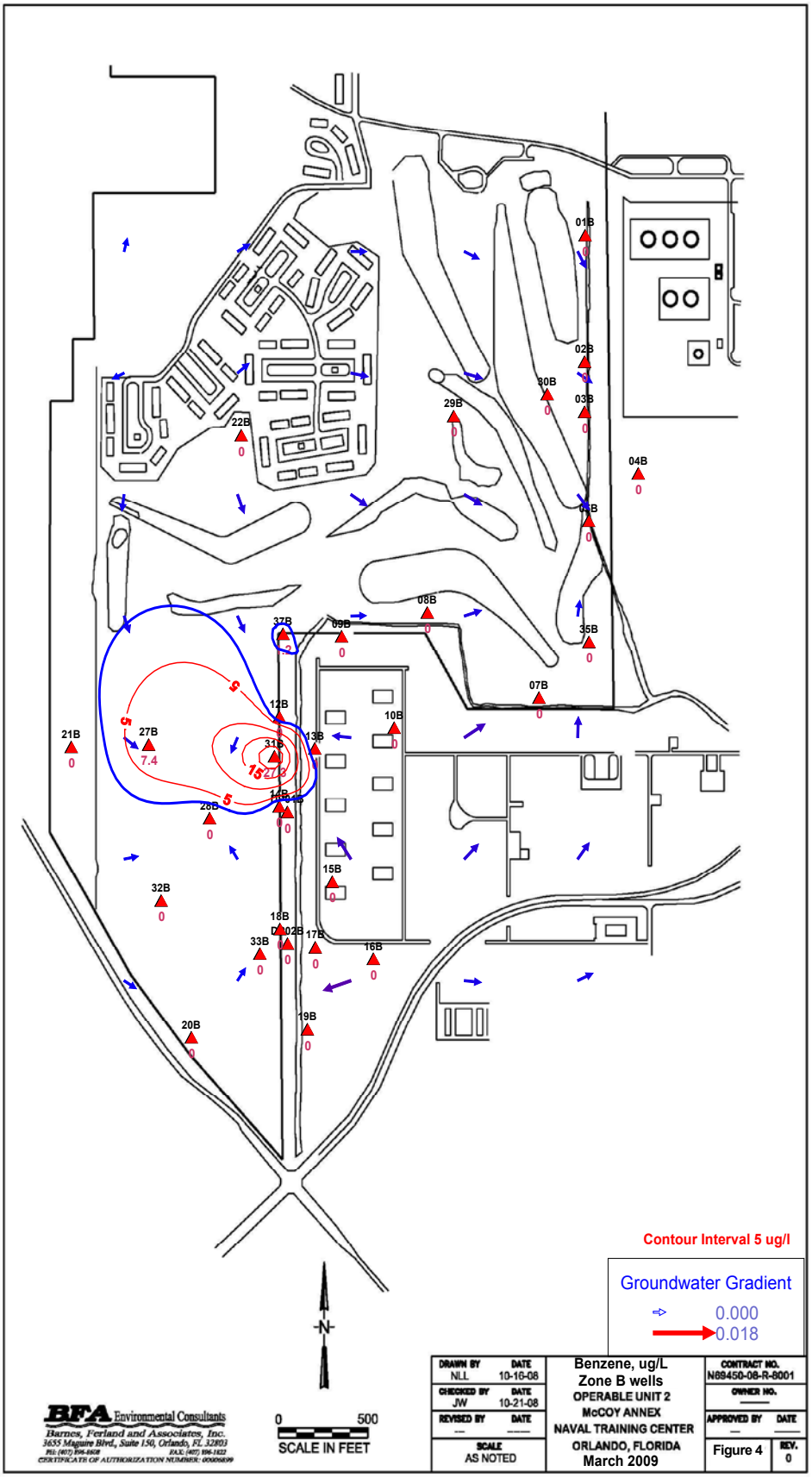
FIGURES

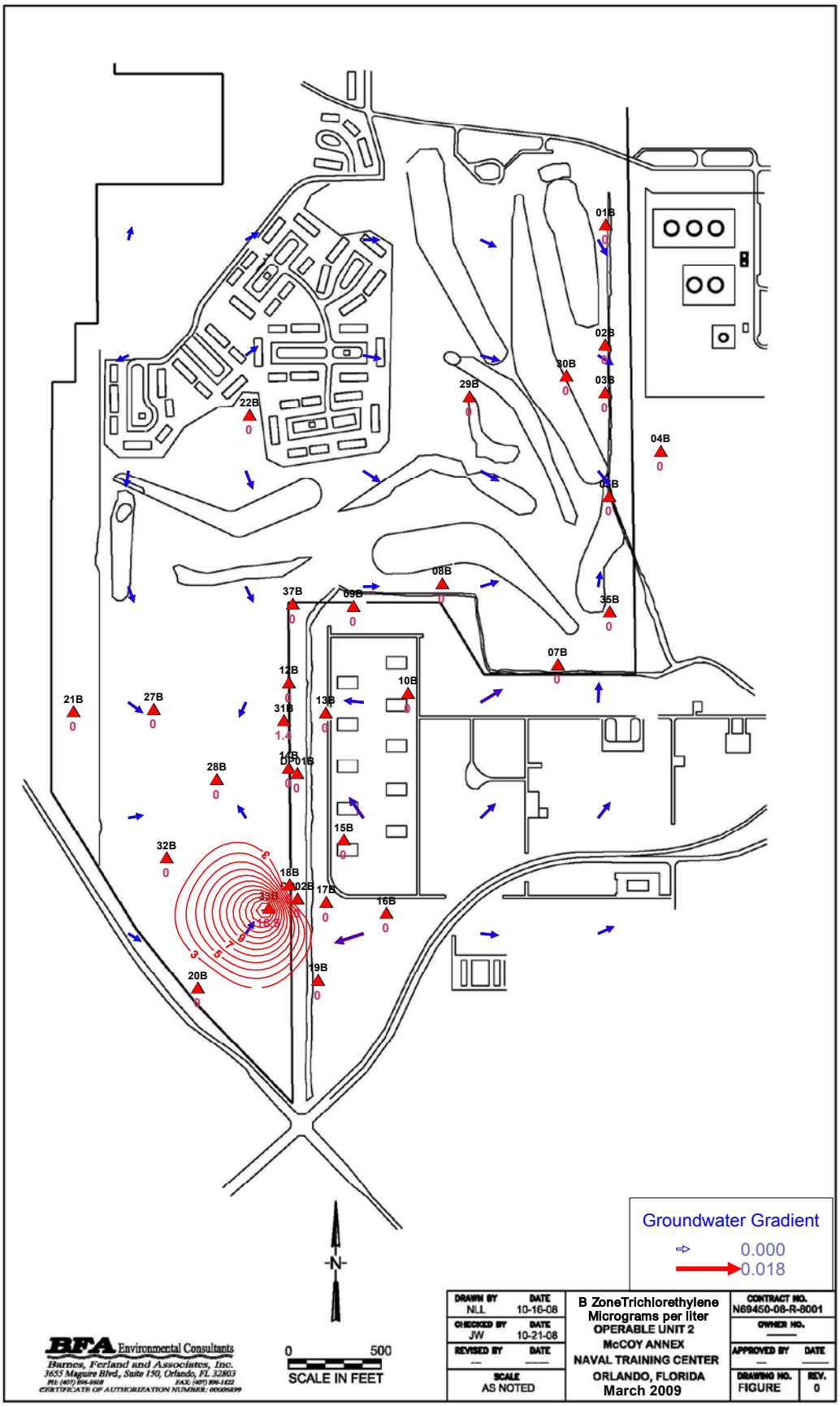
Figure 1	Groundwater Potentiometric Map, Shallow (A) Zone March 2009
Figure 2	Groundwater Potentiometric Map, Intermediate (B) Zone March 2009
Figure 3	Groundwater Exceedences Map, (A) zone, March 2009
Figure 4	Benzene Isoconcentration Map,(B) zone March 2009
Figure 5	Trichloroethylene Isoconcentration Map, (B) zone March 2009
Figure 6	Dis-1,2-DCE Isoconcentration Map, (B) zone March 2009
Figure 7	Vinyl Chloride Isoconcentration Map, (B) zone March 2009

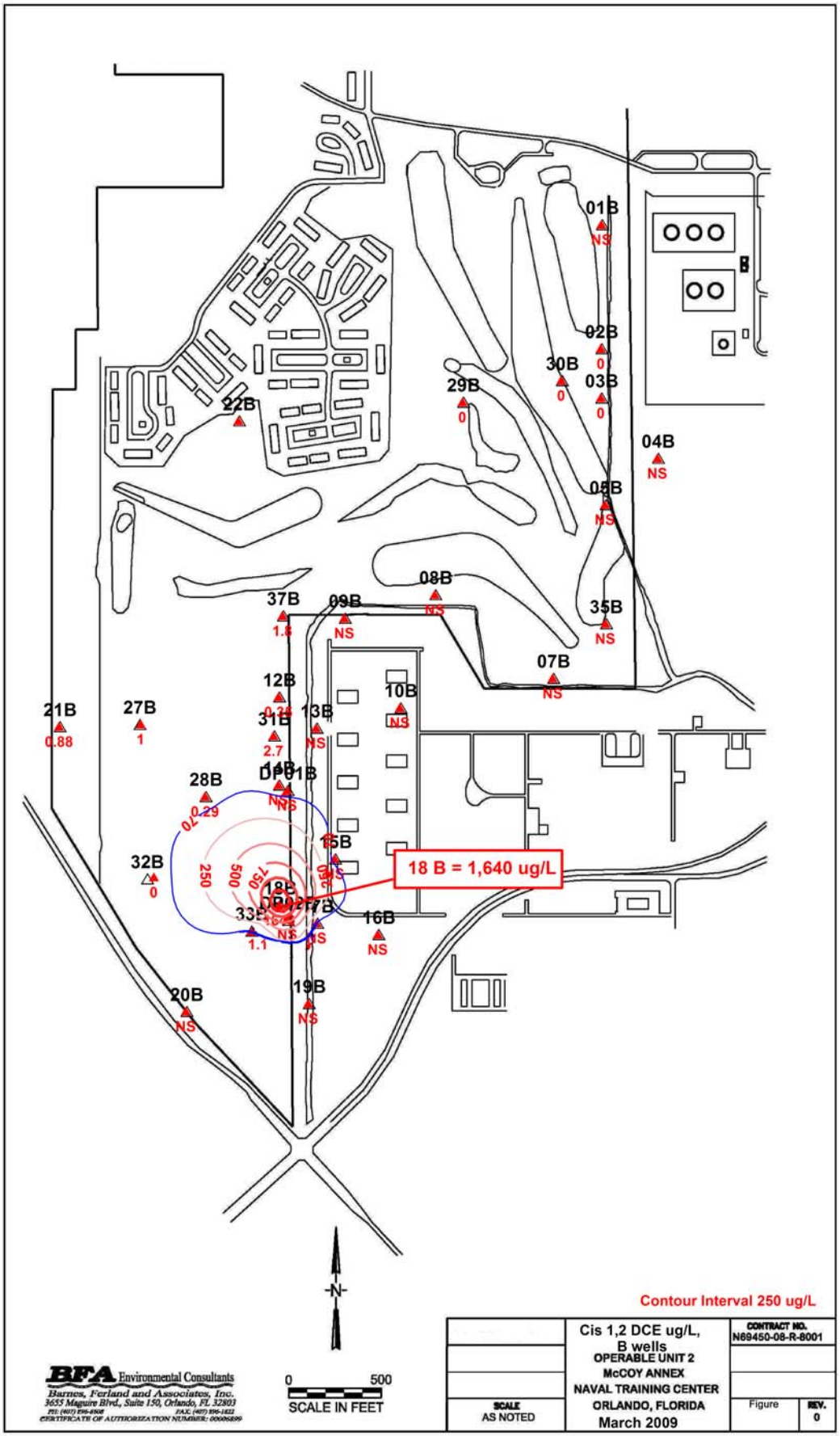

P1
Destroyed
P2
CNE
34A
01A
82.81
P3S
84.43
P4
81.2
03A
30A
06A
80.35
29A
P6
80.79
22A
84.34
P5
82.54
P7
04A
80.13
05A
79.6
P8
82.93
P13
80.71
08A
81.08
11A
82.5
09A
82.06
06A
79.91
36A
P23
24A
82.46
27A
82.06
12A
31A
81.91
13A
P16
82.66
10A
85.36
P14E
82.12
P15
84.16
28A
81.19
14A
01A
P18
81.55
32A
81.8
15A
P19
16A
P20
80.78
80.44
20A
81.17
19A
P21N
79.95
83
81
79
85
87
N
Groundwater Gradient
0.000007
0.032321
0 500
SCALE IN FEET
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
DRAWN BY NLL DATE 10-16-08
CHECKED BY JW DATE 10-21-08
REVISED BY -- DATE ----
SCALE AS NOTED
Groundwater Elevation
March 2009
OPERABLE UNIT 2
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
March 2009
CONTRACT NO. N69450-08-R-8001
OWNER NO. ----
APPROVED BY -- DATE ----
Figure 1
REV. 0

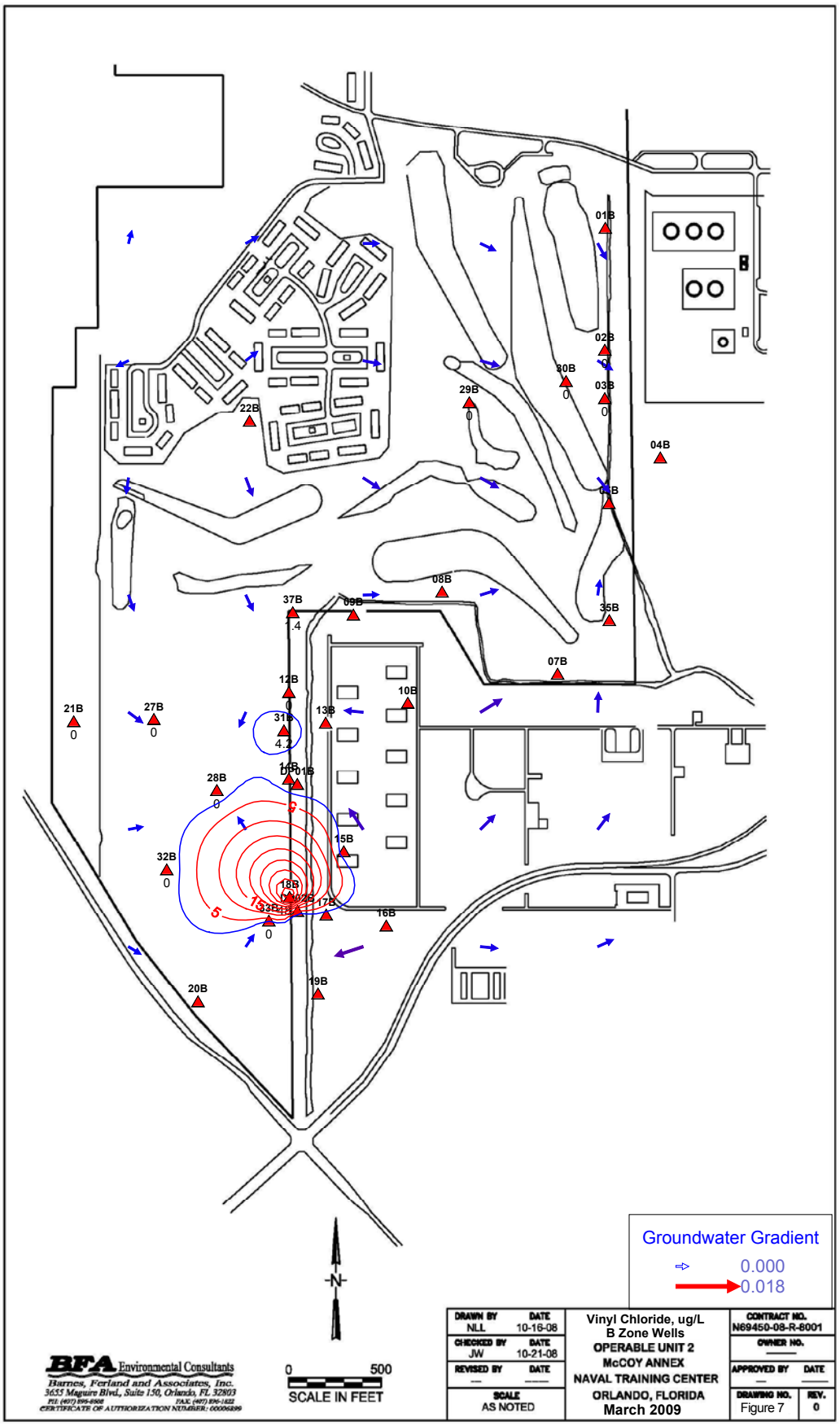

Groundwater Gradient
0.000
0.018
N
0
500
SCALE IN FEET
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
DRAWN BY NLL DATE 10-16-08
CHECKED BY JW DATE 10-21-08
REVISED BY DATE
SCALE AS NOTED
Groundwater Elevation
Intermediate Aquifer
OPERABLE UNIT 2
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
November 2009
CONTRACT NO. N69450-08-R-8001
OWNER NO.
APPROVED BY DATE
DRAWING NO. Figure 2
REV. 0


OLD OU2 03A
Benzene 0.17 µg/L
OLD OU2 DP 02A
TCE = 35.1 µg/L
Cis-1,2-DCE = 218 µg/L
Vinyl chloride = 3.7 µg/L
OU2 SITE BOUNDARY
LAND AND GROUNDWATER USE RESTRICTION ZONE
NORTHERN AREA
SOUTHERN AREA
SWAMP / WOODS
MARSH
POND
WOODS
TANK FARM AREA
APPROXIMATE BOUNDARY OF LANDFILL
BOGGY CREEK ROAD
TRUSSPORT
LAKE GILLOLY
LEGEND
SHALLOW MONITORING WELL
DRIVE POINT
AREA OF SOIL COVER PLACEMENT 2 FT. DEEP (2000)
AREA OF EXCAVATION (1999)
AREA OF ADDITIONAL SOIL COVER PLACEMENT (2004/2005)
LAND AND GROUNDWATER USE RESTRICTION ZONE
GENERAL LANDFILL 1
LANDFILL TRENCHES 1
1 – BASED ON INTERPRETATION OF GEOPHYSICAL DATA
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
0 600
SCALE IN FEET
N
NLL 10-16-08
JW 10-21-08
AS NOTED
Groundwater Contamination
Operable Unit 2
McCoy Annex Orlando NTC
March 2009
N62467-04-D-0055
Figure 3
0


01B
02B
30B
03B
29B
22B
04B
06B
08B
09B
37B
35B
07B
12B
10B
21B
27B
7.4
13B
31B
27.3
14B
26B
15B
32B
18B
02B
17B
33B
16B
20B
19B
5
15
Contour Interval 5 ug/l
Groundwater Gradient
0.000
0.018
N
0
500
SCALE IN FEET
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
DRAWN BY NLL DATE 10-16-08
CHECKED BY JW DATE 10-21-08
REVISED BY DATE
SCALE AS NOTED
Benzene, ug/L
Zone B wells
OPERABLE UNIT 2
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
March 2009
CONTRACT NO. N69450-08-R-8001
OWNER NO.
APPROVED BY DATE
Figure 4
REV. 0


01B
02B
03B
04B
30B
29B
22B
08B
09B
37B
35B
07B
12B
10B
21B
27B
31B
13B
14B
01B
28B
15B
32B
18B
02B
17B
16B
19B
20B
Groundwater Gradient
0.000
0.018
N
0
500
SCALE IN FEET
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
DRAWN BY N.L.L. DATE 10-16-08
CHECKED BY JW DATE 10-21-08
REVISED BY — DATE —
SCALE AS NOTED
B ZoneTrichlorethylene
Micrograms per liter
OPERABLE UNIT 2
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
March 2009
CONTRACT NO. N69450-08-R-8001
OWNER NO.
APPROVED BY
DATE
DRAWING NO. FIGURE
REV. 0


01B
NS
02B
0
30B
0
03B
0
29B
0
22B
04B
NS
05B
NS
08B
NS
37B
1.6
09B
NS
35B
NS
07B
NS
12B
10B
NS
21B
0.88
27B
1
31B
2.7
13B
NS
28B
0.29
DP01B
NS
NS
70
250
500
750
1000
15B
NS
18 B = 1,640 ug/L
32B
0
18B
DP02
17B
33B
1.1
NS
NS
16B
NS
19B
NS
20B
NS
N
Contour Interval 250 ug/L
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
0
500
SCALE IN FEET
Cis 1,2 DCE ug/L,
B wells
OPERABLE UNIT 2
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
March 2009
SCALE
AS NOTED
CONTRACT NO.
N69450-08-R-8001
Figure
REV.
0


01B
02B
03B
04B
07B
08B
09B
10B
12B
13B
15B
16B
17B
18B
19B
20B
21B
22B
27B
28B
29B
30B
31B
32B
33B
35B
37B
1.4
4.2
0
5
15
Groundwater Gradient
0.000
0.018
N
0
500
SCALE IN FEET
BFA Environmental Consultants
Barnes, Ferland and Associates, Inc.
3655 Maguire Blvd., Suite 150, Orlando, FL 32803
DRAWN BY NLL
DATE 10-16-08
CHECKED BY JW
DATE 10-21-08
REVISED BY —
DATE —
SCALE AS NOTED
Vinyl Chloride, ug/L
B Zone Wells
OPERABLE UNIT 2
McCOY ANNEX
NAVAL TRAINING CENTER
ORLANDO, FLORIDA
March 2009
CONTRACT NO. N69450-08-R-8001
OWNER NO.
APPROVED BY —
DATE —
DRAWING NO. Figure 7
REV. 0

APPENDICES

(Electronic Copies)

Appendix A	**March 2009 Groundwater Purge Logs**
Appendix B	**Lab Analysis Reports**

GROUNDWATER SAMPLING LOG

SITE NAME: Groundwater Sampling at Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-02A	SAMPLE ID: 07-71009/2:OLD-OU2-02A:3/31/09_15:15_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 7.4-17.4	STATIC DEPTH TO WATER (feet): 10.50	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)
= (20.35 feet – 10.50 feet) X 0.16 gallons/foot = 1.61 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 X17.00 feet)+ 0.07 gallons = 0.13 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.00	PURGING INITIATED AT: 14:49	PURGING ENDED AT: 15:15	TOTAL VOLUME PURGED (gallons): 2.50

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)
15:05		1.60	11.00	6.67	-81.90	24.66	703.00	0.89	9.80	clear	none
15:08	-1.30	0.30	11.00	6.63	-48.30	24.67	751.00	0.38	6.50	clear	none
15:11	0.00	0.30	11.00	6.62	-47.20	24.62	889.00	0.27	5.60	clear	none
15:14	0.00	0.30	11.00	6.61	-48.10	24.66	946.00	0.26	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): 0.28	TEMP.(°C): 24.65	DO: 0	CO2: 360	DO High Range:	DO Low Range:
SEC(uS/cm): 981	pH: 6.63	Alkalinity:	Ferrous Iron: 1.8	CO2 High Range:	DO Low Range:
ORP(mV): -46.9	TURB(NTU): 2.3	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 15:15	SAMPLING ENDED AT: 15:30
PUMP OR TUBING DEPTH IN WELL (feet): 13.00	SAMPLE PUMP FLOW RATE (mL per minute): 363.98	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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-02B	SAMPLE ID: 07-71009/2:OLD-OU2-02B:3/31/09_16:20_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 27.1-32.1	STATIC DEPTH TO WATER (feet): 11.30	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)
= (32.50 feet – 11.30 feet) X 0.16 gallons/foot = 3.46 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 X34.00 feet)+ 0.07 gallons = 0.14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 16:05	PURGING ENDED AT: 16:20	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)
16:10		0.50	11.50	6.40	64.90	24.32	309.00	0.51	0.80	clear	none
16:13	-0.20	0.30	11.50	6.34	47.20	24.30	306.00	0.47	0.80	clear	none
16:16	0.00	0.30	11.50	6.20	54.20	24.23	302.00	0.36	1.20	clear	none
16:19	0.00	0.30	11.50	6.16	50.20	24.16	300.00	0.40	0.90		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): 0.35	TEMP.(°C): 24.14	DO: 1.87	CO2: 221	DO High Range:	DO Low Range:
SEC(uS/cm): 300	pH: 6.14	Alkalinity:	Ferrous Iron: 1.0	CO2 High Range:	DO Low Range:
ORP(mV): 36.1	TURB(NTU): 0.7	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 16:20	SAMPLING ENDED AT: 16:35
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-03A	SAMPLE ID: 07-71009/2:OLD-OU2-03A:3/31/09_15:25_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 7.5-17.5	STATIC DEPTH TO WATER (feet): 9.00	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)
= (20.50 feet – 9.00 feet) X 0.16 gallons/foot = 1.88 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 X20.00 feet)+ 0.15 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.00	PURGING INITIATED AT: 14:55	PURGING ENDED AT: 15:25	TOTAL VOLUME PURGED (gallons): 2.70

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)
15:18		2.00	9.85	6.18	62.00	22.09	624.40	0.01	10.60	clear	none
15:21	0.30	2.30	9.85	6.17	60.00	22.06	625.90	0.01	11.10	clear	none
15:24	0.30	2.60	9.85	6.17	58.00	22.05	626.60	0.02	9.00	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): 22.06	DO: .45	CO2: 276	DO High Range:	DO Low Range:
SEC(uS/cm): 626.2	pH: 6.17	Alkalinity:	Ferrous Iron: 2.4	CO2 High Range:	DO Low Range:
ORP(mV): 58	TURB(NTU): 10.2	H2S: .06	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: .06		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 15:25	SAMPLING ENDED AT: 16:26
PUMP OR TUBING DEPTH IN WELL (feet): 16.00	SAMPLE PUMP FLOW RATE (mL per minute): 340.69	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-03B	SAMPLE ID: 07-71009/2:OLD-OU2-03B:3/31/09_16:59_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 27.4-32.4	STATIC DEPTH TO WATER (feet): 9.16	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 – 9.16 feet) X 0.16 gallons/foot = 4.30 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 X35.00 feet)+ 0.15 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	PURGING INITIATED AT: 16:47	PURGING ENDED AT: 16:59	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)
16:52		0.40	9.10	6.12	94.00	22.29	385.90	0.44	96.50	milky	none
16:55	0.20	0.60	9.10	6.10	78.00	22.25	399.20	0.17	79.20	milky	none
16:58	0.20	0.80	9.10	6.09	70.00	22.27	401.50	0.17	72.40	milky	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): .16	TEMP.(°C): 22.25	DO: 1.26	CO2: 253	DO High Range:	DO Low Range:
SEC(uS/cm): 402	pH: 6.09	Alkalinity:	Ferrous Iron: 3.2	CO2 High Range:	DO Low Range:
ORP(mV): 68	TURB(NTU): 72	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate:	Sulfide: 0		
		Nitrate:			

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 16:59	SAMPLING ENDED AT: 17:37
PUMP OR TUBING DEPTH IN WELL (feet): 31.00	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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-12B	SAMPLE ID: 07-71009/2:OLD-OU2-12B:3/26/09_11:37_	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 29.8-34.8	STATIC DEPTH TO WATER (feet): 8.37	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)
= (34.92 feet – 8.37 feet) X 0.16 gallons/foot = 4.33 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 X35.00 feet)+ 0.07 gallons = 0.21 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	PURGING INITIATED AT: 11:20	PURGING ENDED AT: 11:37	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)
11:25		0.50	8.60	5.99	-44.20	22.72	134.00	2.48	0.30	clear	none
11:28	-0.20	0.30	8.60	5.96	-43.10	22.74	133.00	2.29	0.40	clear	none
11:31	0.00	0.30	8.60	5.95	-63.40	22.78	132.00	1.70	0.20	clear	none
11:34	0.00	0.30	8.60	5.94	-67.40	22.92	132.00	1.63	0.30	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): 1.57	TEMP.(°C): 22.89	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 131	pH: 5.95	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): -66.1	TURB(NTU): 0.4	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: 11:37	SAMPLING ENDED AT: 11:40
PUMP OR TUBING DEPTH IN WELL (feet): 31.00	SAMPLE PUMP FLOW RATE (mL per minute): 311.74	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-18B	SAMPLE ID: 07-71009/2:OLD-OU2-18B:3/26/09_14:33_	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 28.6-33.6	STATIC DEPTH TO WATER (feet): 8.50	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)
= (33.63 feet – 8.50 feet) X 0.16 gallons/foot = 4.10 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 X34.00 feet)+ 0.07 gallons = 0.14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 14:15	PURGING ENDED AT: 14:33	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)
14:20		0.50	9.00	6.29	-131.00	24.81	155.00	0.28	0.20	clear	fetid
14:23	-0.20	0.30	9.00	6.21	-121.90	24.93	155.00	0.28	2.80	clear	fetid
14:28	0.00	0.30	9.00	5.79	-100.70	25.25	170.00	0.28	3.10	clear	fetid
14:31	0.00	0.30	9.00	5.77	-98.40	25.27	172.00	0.27	3.60	clear	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): 0.28	TEMP.(°C): 25.26	DO: 0	CO2: 290	DO High Range:	DO Low Range:
SEC(uS/cm): 178	pH: 5.73	Alkalinity:	Ferrous Iron: 2.0	CO2 High Range:	DO Low Range:
ORP(mV): -97.7	TURB(NTU): 3.8	H2S: 7.42	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 7.0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 14:33	SAMPLING ENDED AT: 14:50
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 294.42	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-21A	SAMPLE ID: 07-71009/2:OLD-OU2-21A:3/31/09_12:51_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 6.8-16.8	STATIC DEPTH TO WATER (feet): 11.50	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)
= (17.22 feet – 11.50 feet) X 0.16 gallons/foot = 0.93 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 X18.00 feet)+ 0.07 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 12:30	PURGING ENDED AT: 12:51	TOTAL VOLUME PURGED (gallons): 1.90

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)
12:40		1.00	11.80	5.38	244.20	20.72	62.00	0.38	0.50	clear	none
12:43	-0.70	0.30	11.80	5.33	252.10	20.73	62.00	0.37	0.40	clear	none
12:46	0.00	0.30	11.80	5.24	265.90	20.81	61.00	0.32	0.40	clear	none
12:49	0.00	0.30	11.80	5.18	276.40	20.87	61.00	0.32	0.20	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): 0.34	TEMP.(°C): 20.85	DO: 3.15	CO2: 119	DO High Range:	DO Low Range:
SEC(uS/cm): 61	pH: 5.16	Alkalinity:	Ferrous Iron: 0	CO2 High Range:	DO Low Range:
ORP(mV): 281.9	TURB(NTU): 0.2	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 12:51	SAMPLING ENDED AT: 13:05
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 342.49	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-21B	SAMPLE ID: 07-71009/2:OLD-OU2-21B:3/31/09_11:10_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 27.5-32.5	STATIC DEPTH TO WATER (feet): 11.60	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)
= (32.70 feet – 11.60 feet) X 0.16 gallons/foot = 3.44 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 X34.00 feet)+ 0.07 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 10:55	PURGING ENDED AT: 11:10	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)
11:00		0.50	12.00	5.83	-125.40	21.58	245.00	0.39	0.60	clear	sulfuric
11:03	-0.20	0.30	12.00	5.82	-124.40	21.60	244.00	0.33	0.70	clear	sulfuric
11:06	0.00	0.30	12.00	5.79	-122.60	21.60	239.00	0.29	0.70	clear	sulfuric
11:09	0.00	0.30	12.00	5.78	-120.70	21.58	235.00	0.27	0.80	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): 0.27	TEMP.(°C): 21.59	DO: 0.89	CO2: 369	DO High Range:	DO Low Range:
SEC(uS/cm): 234	pH: 5.77	Alkalinity:	Ferrous Iron: 1.2	CO2 High Range:	DO Low Range:
ORP(mV): -119.7	TURB(NTU): 0.9	H2S: 1.86	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 1.75		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 11:10	SAMPLING ENDED AT: 11:25
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-27A	SAMPLE ID: 07-71009/2:OLD-OU2-27A:3/27/09_14:5_1		DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 6.01-16	STATIC DEPTH TO WATER (feet): 13.40	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)
= (19.43 feet – 13.40 feet) X 0.16 gallons/foot = 0.98 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 X18.00 feet)+ 0.15 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 13:43	PURGING ENDED AT: 14:05	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)
13:57		1.00	13.50	5.44	116.00	23.51	220.80	0.01	3.10	yellow	none
14:01	0.20	1.20	13.50	5.44	115.00	23.64	222.80	0.02	3.30	yellow	none
14:05	0.30	1.50	13.50	5.43	111.00	23.90	223.50	0.01	2.10	yellow	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): .01	TEMP.(°C): 23.81	DO: .88	CO2: 365	DO High Range:	DO Low Range:
SEC(uS/cm): 218.1	pH: 5.43	Alkalinity:	Ferrous Iron: 3.2	CO2 High Range:	DO Low Range:
ORP(mV): 111	TURB(NTU): 1.8	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Dam All	SAMPLING INITIATED AT: 14:05	SAMPLING ENDED AT: 14:51
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 275.30	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-27B	SAMPLE ID: 07-71009/2:OLD-OU2-27B:3/27/09_12:39_	DATE: 03/27/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 27-32	STATIC DEPTH TO WATER (feet): 13.83	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)
= (35.27 feet – 13.83 feet) X 0.16 gallons/foot = 3.50 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 X34.00 feet)+ 0.15 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 12:25	PURGING ENDED AT: 12:39	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)
12:31		0.30	13.82	5.04	109.00	24.30	172.30	0.40	0.50	clear	sulfuric
12:35	0.40	0.70	13.82	5.03	103.00	24.52	171.70	0.08	0.50	clear	sulfuric
12:38	0.30	1.00	13.82	5.02	100.00	24.62	172.10	0.01	0.60	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): .01	TEMP.(°C): 24.51	DO: 0.58	CO2: 280	DO High Range:	DO Low Range:
SEC(uS/cm): 172	pH: 5.02	Alkalinity:	Ferrous Iron: 1	CO2 High Range:	DO Low Range:
ORP(mV): 100	TURB(NTU): .6	H2S: .18	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: .17		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:39	SAMPLING ENDED AT: 13:28
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 297.43	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-28B	SAMPLE ID: 07-71009/2:OLD-OU2-28B:3/27/09_11:39_	DATE: 03/27/2009	

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 27-32	STATIC DEPTH TO WATER (feet): 13.52	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)
= (35.29 feet – 13.52 feet) X 0.16 gallons/foot = 3.55 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 X34.00 feet)+ 0.15 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 11:26	PURGING ENDED AT: 11:39	TOTAL VOLUME PURGED (gallons): 1.20

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)
11:29		0.30	13.52	4.71	394.00	23.67	110.00	2.65	1.60	clear	none
11:34	0.40	0.70	13.58	4.68	329.00	23.56	110.80	2.13	1.50	clear	none
11:38	0.40	1.10	13.52	4.67	265.00	23.43	111.00	1.83	1.30	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): 1.75	TEMP.(°C): 23.45	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 111.1	pH: 4.67	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 258	TURB(NTU): 1.8	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Dam all	SAMPLING INITIATED AT: 11:39	SAMPLING ENDED AT: 11:46
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 349.42	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-29A	SAMPLE ID: 07-71009/2:OLD-OU2-29A:3/30/09_12:23_	DATE: 03/30/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 5.23	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)
= (14.26 feet – 5.23 feet) X 0.04 gallons/foot = 0.37 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 X14.00 feet)+ 0.15 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.00	PURGING INITIATED AT: 11:57	PURGING ENDED AT: 12:23	TOTAL VOLUME PURGED (gallons): 2.30

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)
12:15		1.80	5.23	5.27	88.00	22.16	135.50	0.02	32.50	milky	none
12:19	0.20	2.00	5.23	5.27	88.00	22.11	137.80	0.09	25.60	milky	none
12:22	0.20	2.20	5.23	5.26	88.00	22.09	142.20	0.13	22.20	milky	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): .11	TEMP.(°C): 22.09	DO: .55	CO2: 208	DO High Range:	DO Low Range:
SEC(uS/cm): 142.3	pH: 5.27	Alkalinity:	Ferrous Iron: 3.6	CO2 High Range:	DO Low Range:
ORP(mV): 88	TURB(NTU): 20.4	H2S: .07	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: .07		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:23	SAMPLING ENDED AT: 13:14
PUMP OR TUBING DEPTH IN WELL (feet): 10.00	SAMPLE PUMP FLOW RATE (mL per minute): 334.86	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-29B	SAMPLE ID: 07-71009/2:OLD-OU2-29B:3/31/09_9:48_1		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 4.77	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)
= (28.95 feet – 4.77 feet) X 0.04 gallons/foot = 0.99 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 X29.00 feet)+ 0.15 gallons = 0.22 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.00	PURGING INITIATED AT: 9:35	PURGING ENDED AT: 9:48	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)
9:39		0.30	6.62	5.62	64.00	22.56	108.60	0.96	14.20	clear	none
9:43	0.40	0.70	6.52	5.62	57.00	22.66	108.70	0.45	16.20	clear	none
9:47	0.30	1.00	6.52	5.61	53.00	22.62	108.50	0.26	14.50	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): .2	TEMP.(°C): 22.63	DO: .66	CO2: 155	DO High Range:	DO Low Range:
SEC(uS/cm): 108.7	pH: 5.61	Alkalinity:	Ferrous Iron: 2.2	CO2 High Range:	DO Low Range:
ORP(mV): 52	TURB(NTU): 14.4	H2S: .16	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: .15		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Dam All	SAMPLING INITIATED AT: 9:48	SAMPLING ENDED AT: 10:43
PUMP OR TUBING DEPTH IN WELL (feet): 25.00	SAMPLE PUMP FLOW RATE (mL per minute): 320.30	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-30A	SAMPLE ID: 07-71009/2:OLD-OU2-30A:3/31/09_12:13_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 8.20	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)
= (14.50 feet – 8.20 feet) X 0.04 gallons/foot = 0.26 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 X16.00 feet)+ 0.15 gallons = 0.19 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.00	PURGING INITIATED AT: 11:33	PURGING ENDED AT: 12:13	TOTAL VOLUME PURGED (gallons): 2.30

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)
12:06		1.50	8.20	5.79	67.00	22.78	156.20	0.00	70.10	brown	none
12:10	0.50	2.00	8.20	5.79	68.00	22.78	156.10	0.00	104.00	brown	none
12:13	0.20	2.20	8.20	5.79	68.00	22.69	156.30	0.00	107.40	brown	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): 0	TEMP.(°C): 22.68	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 156.4	pH: 5.79	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 67	TURB(NTU): 272.8	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:13	SAMPLING ENDED AT: 12:38
PUMP OR TUBING DEPTH IN WELL (feet): 12.00	SAMPLE PUMP FLOW RATE (mL per minute): 217.66	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-30B	SAMPLE ID: 07-71009/2:OLD-OU2-30B:3/31/09_13:22_	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 7.95	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)
= (28.80 feet – 7.95 feet) X 0.04 gallons/foot = 0.85 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 X28.00 feet)+ 0.15 gallons = 0.22 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	PURGING INITIATED AT: 13:05	PURGING ENDED AT: 13:22	TOTAL VOLUME PURGED (gallons): 0.80

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)
13:15		0.30	7.95	6.28	2.00	24.33	748.20	0.00	3.40	clear	organic
13:18	0.20	0.50	7.95	6.29	4.00	24.08	738.50	0.01	2.10	clear	organic
13:21	0.20	0.70	7.95	6.29	5.00	24.04	737.00	0.02	1.90	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): .02	TEMP.(°C): 23.97	DO: 0	CO2: 569	DO High Range:	DO Low Range:
SEC(uS/cm): 732	pH: 6.29	Alkalinity:	Ferrous Iron: 3.6	CO2 High Range:	DO Low Range:
ORP(mV): 6	TURB(NTU): 2	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Damian Allen	SAMPLING INITIATED AT: 13:22	SAMPLING ENDED AT: 13:55
PUMP OR TUBING DEPTH IN WELL (feet): 24.00	SAMPLE PUMP FLOW RATE (mL per minute): 178.14	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-31A	SAMPLE ID: 07-71009/2:OLD-OU2-31A:3/27/09_12:45_	DATE: 03/27/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 11.87	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)
= (17.75 feet – 11.87 feet) X 0.04 gallons/foot = 0.24 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 X18.00 feet)+ 0.07 gallons = 0.13 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 12:30	PURGING ENDED AT: 12:45	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)
12:35		0.50	13.00	5.82	136.70	23.44	51.00	1.08	0.20	clear	none
12:38	-0.20	0.30	13.00	5.67	202.00	23.51	51.00	0.41	1.60	clear	none
12:41	0.00	0.30	13.00	5.59	216.50	23.59	51.00	0.36	2.40	clear	none
12:44	0.00	0.30	13.00	5.58	224.30	23.33	51.00	0.77	2.30	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): 1.08	TEMP.(°C): 23.18	DO: 2.83	CO2: 120	DO High Range:	DO Low Range:
SEC(uS/cm): 50	pH: 5.61	Alkalinity:	Ferrous Iron: 0.2	CO2 High Range:	DO Low Range:
ORP(mV): 223.7	TURB(NTU): 1.9	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 12:45	SAMPLING ENDED AT: 12:55
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-31B	SAMPLE ID: 07-71009/2:OLD-OU2-31B:3/27/09_13:50_	DATE: 03/27/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 11.65	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)
= (32.80 feet – 11.65 feet) X 0.04 gallons/foot = 0.86 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 X32.00 feet)+ 0.07 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.00	PURGING INITIATED AT: 13:35	PURGING ENDED AT: 13:50	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)
13:40		0.50	11.80	5.37	-104.80	23.97	188.00	1.04	5.90	clear	sulfuric
13:43	-0.20	0.30	11.80	5.36	-65.40	24.06	189.00	0.39	0.90	clear	sulfuric
13:46	0.00	0.30	11.80	5.36	-62.70	24.17	189.00	0.36	0.50	clear	sulfuric
13:49	0.00	0.30	11.80	5.38	-62.80	24.16	188.00	0.37	0.30	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): 0.35	TEMP.(°C): 24.16	DO: 0	CO2: 528	DO High Range:	DO Low Range:
SEC(uS/cm): 188	pH: 5.38	Alkalinity:	Ferrous Iron: 1.95	CO2 High Range:	DO Low Range:
ORP(mV): -62.5	TURB(NTU): 0.4	H2S: 4.77	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 4.5		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 13:50	SAMPLING ENDED AT: 14:05
PUMP OR TUBING DEPTH IN WELL (feet): 28.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-32A	SAMPLE ID: 07-71009/2:OLD-OU2-32A:3/26/09_11:36_	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 13.90	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)
= (17.62 feet – 13.90 feet) X 0.04 gallons/foot = 0.15 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 X19.00 feet)+ 0.15 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00	PURGING INITIATED AT: 11:02	PURGING ENDED AT: 11:36	TOTAL VOLUME PURGED (gallons): 3.10

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)
11:15		1.30	14.75	4.93	271.00	21.87	50.85	0.00	40.90	brown	none
11:28	1.20	2.50	14.90	4.96	271.00	22.42	52.02	2.29	53.10	brown	none
11:31	0.30	2.80	14.87	4.93	264.00	21.99	53.39	1.66	35.50	brown	none
11:34	0.20	3.00	14.95	4.91	260.00	21.98	54.05	0.83	29.10	brown	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): .45	TEMP.(°C): 21.94	DO: 1.46	CO2: 150	DO High Range:	DO Low Range:
SEC(uS/cm): 54.51	pH: 4.91	Alkalinity:	Ferrous Iron: 0	CO2 High Range:	DO Low Range:
ORP(mV): 259	TURB(NTU): 25.5	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:36	SAMPLING ENDED AT: 12:15
PUMP OR TUBING DEPTH IN WELL (feet): 15.00	SAMPLE PUMP FLOW RATE (mL per minute): 345.14	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-32B	SAMPLE ID: 07-71009/2:OLD-OU2-32B:3/26/09_13:32_	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 12.52	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)
= (33.30 feet – 12.52 feet) X 0.04 gallons/foot = 0.85 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 X22.00 feet)+ 0.15 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.00	PURGING INITIATED AT: 13:22	PURGING ENDED AT: 13:32	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)
13:25		0.30	12.52	5.37	58.00	23.46	86.46	0.31	2.90	clear	sulfuric
13:28	0.30	0.60	12.52	5.35	57.00	23.53	86.54	0.15	1.30	clear	sulfuric
13:31	0.30	0.90	12.52	5.35	55.00	23.64	86.51	0.05	0.50	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): .04	TEMP.(°C): 23.6	DO: .78	CO2: 180	DO High Range:	DO Low Range:
SEC(uS/cm): 86.63	pH: 5.35	Alkalinity:	Ferrous Iron: 1	CO2 High Range:	DO Low Range:
ORP(mV): 54	TURB(NTU): 2	H2S: .34	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: .32		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 13:32	SAMPLING ENDED AT: 13:59
PUMP OR TUBING DEPTH IN WELL (feet): 18.00	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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-33A	SAMPLE ID: 07-71009/2:OLD-OU2-33A:3/27/09_11:20_	DATE: 03/27/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 12.57	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)
= (17.60 feet – 12.57 feet) X 0.04 gallons/foot = 0.21 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 X18.00 feet)+ 0.07 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 11:05	PURGING ENDED AT: 11:20	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)
11:10		0.50	13.10	5.97	40.40	21.78	117.00	0.97	0.30	milky	none
11:13	-0.20	0.30	13.20	5.94	38.40	21.86	117.00	0.92	0.30	milky	none
11:16	0.00	0.30	13.20	5.84	37.30	21.83	118.00	1.10	0.30	milky	none
11:19	0.00	0.30	13.20	5.93	36.00	21.81	118.00	0.95	0.50	milky	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): 0.91	TEMP.(°C): 21.81	DO: 1.41	CO2: 178	DO High Range:	DO Low Range:
SEC(uS/cm): 118	pH: 5.83	Alkalinity:	Ferrous Iron: 2.0	CO2 High Range:	DO Low Range:
ORP(mV): 35.4	TURB(NTU): 0.5	H2S: 0	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 11:20	SAMPLING ENDED AT: 11:30
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-33B	SAMPLE ID: 07-71009/2:OLD-OU2-33B:3/27/09_9:51_1		DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 12.36	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)
= (33.35 feet – 12.36 feet) X 0.04 gallons/foot = 0.86 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 X31.00 feet)+ 0.07 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.00	PURGING INITIATED AT: 9:35	PURGING ENDED AT: 9:51	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)
9:40		0.50	12.60	5.59	-107.10	21.84	167.00	0.38	0.50	milky	fetid
9:43	-0.20	0.30	12.60	5.61	-106.20	21.96	165.00	0.52	1.10	milky	fetid
9:46	0.00	0.30	12.60	5.60	-103.70	22.00	166.00	0.57	1.70	milky	fetid
9:49	0.00	0.30	12.60	5.59	-100.00	22.07	164.00	0.46	2.20	milky	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): 0.40	TEMP.(°C): 22.11	DO: 0.86	CO2: 332	DO High Range:	DO Low Range:
SEC(uS/cm): 165	pH: 5.58	Alkalinity:	Ferrous Iron: 1.95	CO2 High Range:	DO Low Range:
ORP(mV): -99.5	TURB(NTU): 2.4	H2S: 2.12	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 2.0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 9:51	SAMPLING ENDED AT: 10:00
PUMP OR TUBING DEPTH IN WELL (feet): 27.00	SAMPLE PUMP FLOW RATE (mL per minute): 331.22	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-37B	SAMPLE ID: 07-71009/2:OLD-OU2-37B:3/30/09_11:22_	DATE: 03/30/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 10.90	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)
= (33.20 feet – 10.90 feet) X 0.04 gallons/foot = 0.91 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 X33.00 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: 11:01	PURGING ENDED AT: 11:22	TOTAL VOLUME PURGED (gallons): 1.80

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)
11:16		1.00	11.15	5.09	62.00	22.97	202.90	0.01	21.00	milky	sulfuric
11:19	0.30	1.30	11.16	5.09	61.00	23.01	202.50	0.04	14.70	milky	sulfuric
11:22	0.40	1.70	11.60	5.09	61.00	22.97	202.40	0.00	12.80	milky	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	TEMP.(°C): 22.96	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 202.2	pH: 5.09	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 60	TURB(NTU): 12.3	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:22	SAMPLING ENDED AT: 11:29
PUMP OR TUBING DEPTH IN WELL (feet): 29.00	SAMPLE PUMP FLOW RATE (mL per minute): 324.46	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-DP01A	SAMPLE ID: 07-71009/2:OLD-OU2-DP01A:3/26/09_12::	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 3.5-7.5	STATIC DEPTH TO WATER (feet): 2.30	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)
= (7.44 feet – 2.30 feet) X 0.04 gallons/foot = 0.21 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 X9.00 feet)+ 0.07 gallons = 0.12 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	PURGING INITIATED AT: 12:20	PURGING ENDED AT: 12:36	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)
12:25		0.50	2.35	5.60	-99.40	26.80	108.00	2.28	0.10	clear	none
12:28	-0.20	0.30	2.35	5.59	-97.40	26.91	109.00	2.02	0.40	clear	none
12:31	0.00	0.30	2.35	5.60	-97.10	26.89	109.00	2.08	0.50	clear	none
12:34	0.00	0.30	2.35	5.58	-91.00	26.81	109.00	2.14	0.30	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): 2.18	TEMP.(°C): 26.76	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 109	pH: 5.57	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): -90.0	TURB(NTU): 0.2	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: 12:36	SAMPLING ENDED AT: 12:40
PUMP OR TUBING DEPTH IN WELL (feet): 5.00	SAMPLE PUMP FLOW RATE (mL per minute): 331.22	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-DP02A	SAMPLE ID: 07-71009/2:OLD-OU2-DP02A:3/26/09_16:!	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 3.5-7.5	STATIC DEPTH TO WATER (feet): 2.80	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)
= (8.70 feet – 2.80 feet) X 0.04 gallons/foot = 0.24 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 X9.00 feet)+ 0.07 gallons = 0.12 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	PURGING INITIATED AT: 15:50	PURGING ENDED AT: 16:05	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)
15:55		0.50	4.50	5.48	-24.10	25.88	188.00	0.19	0.60	clear	none
15:58	-0.20	0.30	4.50	5.52	-33.50	25.65	184.00	0.25	0.70	clear	none
16:01	0.00	0.30	4.50	5.53	-32.10	25.75	182.00	0.23	0.70	clear	none
16:04	0.00	0.30	4.50	5.63	-45.40	25.76	178.00	0.27	0.80	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): 0.28	TEMP.(°C): 25.79	DO: 1.28	CO2: 209	DO High Range:	DO Low Range:
SEC(uS/cm): 178	pH: 5.64	Alkalinity:	Ferrous Iron: 1.2	CO2 High Range:	DO Low Range:
ORP(mV): -45.4	TURB(NTU): 0.8	H2S: 3.45	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide: 3.25		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 16:05	SAMPLING ENDED AT: 16:25
PUMP OR TUBING DEPTH IN WELL (feet): 5.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	TUBING MATERIAL CODE: PPE	

FIELD DECONTAMINATION: ☑ Y ☐ N	FIELD-FILTERED: ☐ Y ☑ N FILTER SIZE: NA Filtration Equipment Type:	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB1	SAMPLE ID: 07-71009/2:OLD-OU2-EB1:3/31/09_10:0_1		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	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)
= (0.00 feet – 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 X4.00 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: 10:00	PURGING ENDED AT: 10:00	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: Damian Allen	SAMPLER(S) SIGNATURES: Dam All	SAMPLING INITIATED AT: 10:00	SAMPLING ENDED AT: 10:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB2	SAMPLE ID: 07-71009/2:OLD-OU2-EB2:3/31/09_9:30_S	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 9:30	PURGING ENDED AT: 9:30	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: 9:30	SAMPLING ENDED AT: 9:30
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB3	SAMPLE ID: 07-71009/2:OLD-OU2-EB3:3/31/09_17:0_1	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 17:00	PURGING ENDED AT: 17:00	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: 17:00	SAMPLING ENDED AT: 17:00
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-LG1	SAMPLE ID: 07-71009/2:OLD-OU2-LG1:3/31/09_9:20_S	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 9:20	PURGING ENDED AT: 9:20	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): 4.37	TEMP.(°C): 21.7	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 314	pH: 6.6	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 108.6	TURB(NTU): 40.6	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: 9:20	SAMPLING ENDED AT: 9:20
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW29	SAMPLE ID: 07-71009/2:OLD-OU2-SW29:3/31/09_7:45	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 7:45	PURGING ENDED AT: 7:45	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): 1.49	TEMP.(°C): 19.32	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 315	pH: 6.69	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 52.3	TURB(NTU): 15.0	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: 7:45	SAMPLING ENDED AT: 7:45
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		

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 Operable Unit 2		SITE LOCATION:	Orlando	
WELL NO:	OLD-OU2-SW30	SAMPLE ID:	07-71009/2:OLD-OU2-SW30:3/31/09_8:0_	DATE:	03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 8:00	PURGING ENDED AT: 8:00	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): 8.91	TEMP.(°C): 18.64	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 254	pH: 6.95	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 69.9	TURB(NTU): 25.8	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: 8:00	SAMPLING ENDED AT: 8:00
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW31	SAMPLE ID: 07-71009/2:OLD-OU2-SW31:3/31/09_8:30	DATE: 03/31/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 8:30	PURGING ENDED AT: 8:30	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): 5.29	TEMP.(°C): 18.97	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 244	pH: 6.98	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 92.6	TURB(NTU): 39.3	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: 8:30	SAMPLING ENDED AT: 8:30
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW32	SAMPLE ID: 07-71009/2:OLD-OU2-SW32:3/26/09_10:4	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 10:40	PURGING ENDED AT: 10:40	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): 9.17	TEMP.(°C): 21.27	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 222	pH: 6.47	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): -63.7	TURB(NTU): 0.5	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: 10:40	SAMPLING ENDED AT: 10:40
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW32	SAMPLE ID: 07-71009/2:OLD-OU2-SW32:3/26/09_10:4	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 10:40	PURGING ENDED AT: 10:40	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): 92.17	TEMP.(°C): 21.27	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 222	pH: 6.47	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): -63.7	TURB(NTU): 0.5	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:40	SAMPLING ENDED AT: 10:40
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW33	SAMPLE ID: 07-71009/2:OLD-OU2-SW33:3/26/09_12:0	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 12:00	PURGING ENDED AT: 12:00	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): 81.56	TEMP.(°C): 25.38	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 155	pH: 5.64	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 156.8	TURB(NTU): 5.2	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:00	SAMPLING ENDED AT: 12:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW33	SAMPLE ID: 07-71009/2:OLD-OU2-SW33:3/26/09_12:0	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 12:00	PURGING ENDED AT: 12:00	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): 8.56	TEMP.(°C): 25.38	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 155	pH: 5.64	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 156.8	TURB(NTU): 5.2	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: 12:00	SAMPLING ENDED AT: 12:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW34	SAMPLE ID: 07-71009/2:OLD-OU2-SW34:3/26/09_12:5	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 12:55	PURGING ENDED AT: 12:55	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): 74.62	TEMP.(°C): 28.45	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 201	pH: 5.54	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 142.6	TURB(NTU): 6.2	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:55	SAMPLING ENDED AT: 12:55
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW34	SAMPLE ID: 07-71009/2:OLD-OU2-SW34:3/26/09_12:5	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 12:55	PURGING ENDED AT: 12:55	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): 7.62	TEMP.(°C): 28.45	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 201	pH: 5.54	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 142.6	TURB(NTU): 6.2	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: 12:55	SAMPLING ENDED AT: 12:55
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW35	SAMPLE ID: 07-71009/2:OLD-OU2-SW35:3/26/09_13:2	DATE: 03/26/2009	

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 13:25	PURGING ENDED AT: 13:25	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): 2.95	TEMP.(°C): 26.87	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 198	pH: 5.41	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 215.6	TURB(NTU): 0.3	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: 13:25	SAMPLING ENDED AT: 13:25
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW36	SAMPLE ID: 07-71009/2:OLD-OU2-SW36:3/31/09_9:0_		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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 X4.00 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: 9:00	PURGING ENDED AT: 9:00	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): 11.35	TEMP.(°C): 20.23	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm): 237	pH: 6.36	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV): 127.7	TURB(NTU): 11.6	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:		Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 9:00	SAMPLING ENDED AT: 9:00
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-02A	SAMPLE ID: 07-71009/2:OLD-OU2-02A:3/31/09_15:15_15:3(	DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 7.4-17.4	STATIC DEPTH TO WATER (feet): 10.50	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)
= (20.35 feet – 10.50 feet) X 0.16 gallons/foot = 1.61 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 17.00 feet)+ 0.07 gallons = 0.13 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.00	PURGING INITIATED AT: 14:49	PURGING ENDED AT: 15:15	TOTAL VOLUME PURGED (gallons): 2.50

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):	0.28	TEMP.(°C):	24.65	DO:	0	CO2:	360	DO High Range:	DO Low Range:
SEC(uS/cm):	981	pH:	6.63	Alkalinity:		Ferrous Iron:	1.8	CO2 High Range:	DO Low Range:
ORP(mV):	-46.9	TURB(NTU):	2.3	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 15:15	SAMPLING ENDED AT: 15:30
PUMP OR TUBING DEPTH IN WELL (feet): 13.00	SAMPLE PUMP FLOW RATE (mL per minute): 363.98	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		

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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-02B	SAMPLE ID: 07-71009/2:OLD-OU2-02B:3/31/09_16:20_16:3	DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 27.1-32.1	STATIC DEPTH TO WATER (feet): 11.30	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)
= (32.50 feet – 11.30 feet) X 0.16 gallons/foot = 3.46 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 34.00 feet)+ 0.07 gallons = 0.14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 16:05	PURGING ENDED AT: 16:20	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)

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):	0.35	TEMP.(°C):	24.14	DO:	1.87	CO2:	221	DO High Range:	DO Low Range:
SEC(uS/cm):	300	pH:	6.14	Alkalinity:		Ferrous Iron:	1.0	CO2 High Range:	DO Low Range:
ORP(mV):	36.1	TURB(NTU):	0.7	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 16:20	SAMPLING ENDED AT: 16:35
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-03A	SAMPLE ID: 07-71009/2:OLD-OU2-03A:3/31/09_15:25_16:2(	DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 7.5-17.5	STATIC DEPTH TO WATER (feet): 9.00	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)
= (20.50 feet – 9.00 feet) X 0.16 gallons/foot = 1.88 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 20.00 feet)+ 0.15 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.00	PURGING INITIATED AT: 14:55	PURGING ENDED AT: 15:25	TOTAL VOLUME PURGED (gallons): 2.70

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):	.02	TEMP.(°C):	22.06	DO:	.45	CO2:	276	DO High Range:	DO Low Range:
SEC(uS/cm):	626.2	pH:	6.17	Alkalinity:		Ferrous Iron:	2.4	CO2 High Range:	DO Low Range:
ORP(mV):	58	TURB(NTU):	10.2	H2S:	.06	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	.06		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 15:25	SAMPLING ENDED AT: 16:26
PUMP OR TUBING DEPTH IN WELL (feet): 16.00	SAMPLE PUMP FLOW RATE (mL per minute): 340.69	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-03B	SAMPLE ID: 07-71009/2:OLD-OU2-03B:3/31/09_16:59_17:3	DATE: 03/31/2009

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	27.4-32.4	9.16	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 – 9.16 feet) X 0.16 gallons/foot = 4.30 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 35.00 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):
31.00	31.00	16:47	16:59	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)

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):	.16	TEMP.(°C):	22.25	DO:	1.26	CO2:	253	DO High Range:	DO Low Range:
SEC(uS/cm):	402	pH:	6.09	Alkalinity:		Ferrous Iron:	3.2	CO2 High Range:	DO Low Range:
ORP(mV):	68	TURB(NTU):	72	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Damian Allen		16:59	17:37

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
31.00	283.91	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-12B	SAMPLE ID: 07-71009/2:OLD-OU2-12B:3/26/09_11:37_11:4(	DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 29.8-34.8	STATIC DEPTH TO WATER (feet): 8.37	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)
= (34.92 feet – 8.37 feet) X 0.16 gallons/foot = 4.33 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 35.00 feet)+ 0.07 gallons = 0.21 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	PURGING INITIATED AT: 11:20	PURGING ENDED AT: 11:37	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)

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):	1.57	TEMP.(°C):	22.89	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	131	pH:	5.95	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	-66.1	TURB(NTU):	0.4	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: 11:37	SAMPLING ENDED AT: 11:40
PUMP OR TUBING DEPTH IN WELL (feet): 31.00	SAMPLE PUMP FLOW RATE (mL per minute): 311.74	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-18B	SAMPLE ID: 07-71009/2:OLD-OU2-18B:3/26/09_14:33_14:5(	DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 28.6-33.6	STATIC DEPTH TO WATER (feet): 8.50	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)
= (33.63 feet – 8.50 feet) X 0.16 gallons/foot = 4.10 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 34.00 feet)+ 0.07 gallons = 0.14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 14:15	PURGING ENDED AT: 14:33	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)

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):	0.28	TEMP.(°C):	25.26	DO:	0	CO2:	290	DO High Range:	DO Low Range:
SEC(uS/cm):	178	pH:	5.73	Alkalinity:		Ferrous Iron:	2.0	CO2 High Range:	DO Low Range:
ORP(mV):	-97.7	TURB(NTU):	3.8	H2S:	7.42	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	7.0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 14:33	SAMPLING ENDED AT: 14:50
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 294.42	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-21A	SAMPLE ID: 07-71009/2:OLD-OU2-21A:3/31/09_12:51_13:5		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 6.8-16.8	STATIC DEPTH TO WATER (feet): 11.50	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)
= (17.22 feet – 11.50 feet) X 0.16 gallons/foot = 0.93 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 18.00 feet)+ 0.07 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 12:30	PURGING ENDED AT: 12:51	TOTAL VOLUME PURGED (gallons): 1.90

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)

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):	0.34	TEMP.(°C):	20.85	DO:	3.15	CO2:	119	DO High Range:	DO Low Range:
SEC(uS/cm):	61	pH:	5.16	Alkalinity:		Ferrous Iron:	0	CO2 High Range:	DO Low Range:
ORP(mV):	281.9	TURB(NTU):	0.2	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 12:51	SAMPLING ENDED AT: 13:05
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 342.49	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-21B	SAMPLE ID: 07-71009/2:OLD-OU2-21B:3/31/09_11:10_11:2		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 27.5-32.5	STATIC DEPTH TO WATER (feet): 11.60	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)
= (32.70 feet – 11.60 feet) X 0.16 gallons/foot = 3.44 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 34.00 feet)+ 0.07 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 10:55	PURGING ENDED AT: 11:10	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)

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):	0.27	TEMP.(°C):	21.59	DO:	0.89	CO2:	369	DO High Range:	DO Low Range:
SEC(uS/cm):	234	pH:	5.77	Alkalinity:		Ferrous Iron:	1.2	CO2 High Range:	DO Low Range:
ORP(mV):	-119.7	TURB(NTU):	0.9	H2S:	1.86	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	1.75		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 11:10	SAMPLING ENDED AT: 11:25
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-27A	SAMPLE ID: 07-71009/2:OLD-OU2-27A:3/27/09_14:5_14:51		DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 6.01-16	STATIC DEPTH TO WATER (feet): 13.40	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)
= (19.43 feet – 13.40 feet) X 0.16 gallons/foot = 0.98 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 18.00 feet)+ 0.15 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 13:43	PURGING ENDED AT: 14:05	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)

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):	.01	TEMP.(°C):	23.81	DO:	.88	CO2:	365	DO High Range:	DO Low Range:
SEC(uS/cm):	218.1	pH:	5.43	Alkalinity:		Ferrous Iron:	3.2	CO2 High Range:	DO Low Range:
ORP(mV):	111	TURB(NTU):	1.8	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Damian Allen	SAMPLING INITIATED AT: 14:05	SAMPLING ENDED AT: 14:51
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 275.30	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-27B	SAMPLE ID: 07-71009/2:OLD-OU2-27B:3/27/09_12:39_13:2	DATE: 03/27/2009

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	27-32	13.83	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.27 feet – 13.83 feet) X 0.16 gallons/foot = 3.50 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 34.00 feet)+ 0.15 gallons = 0.23 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):
30.00	30.00	12:25	12:39	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)

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):	.01	TEMP.(°C):	24.51	DO:	0.58	CO2:	280	DO High Range:	DO Low Range:
SEC(uS/cm):	172	pH:	5.02	Alkalinity:		Ferrous Iron:	1	CO2 High Range:	DO Low Range:
ORP(mV):	100	TURB(NTU):	.6	H2S:	.18	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	.17		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Damian Allen		12:39	13:28

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
30.00	297.43	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-28B	SAMPLE ID: 07-71009/2:OLD-OU2-28B:3/27/09_11:39_11:4(		DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 27-32	STATIC DEPTH TO WATER (feet): 13.52	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)
= (35.29 feet – 13.52 feet) X 0.16 gallons/foot = 3.55 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 34.00 feet)+ 0.15 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 11:26	PURGING ENDED AT: 11:39	TOTAL VOLUME PURGED (gallons): 1.20

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):	1.75	TEMP.(°C):	23.45	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	111.1	pH:	4.67	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	258	TURB(NTU):	1.8	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Damian Allen	SAMPLING INITIATED AT: 11:39	SAMPLING ENDED AT: 11:46
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	SAMPLE PUMP FLOW RATE (mL per minute): 349.42	TUBING MATERIAL CODE: PPE	

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

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-29A	SAMPLE ID: 07-71009/2:OLD-OU2-29A:3/30/09_12:23_13:14		DATE: 03/30/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 5.23	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)
= (14.26 feet – 5.23 feet) X 0.04 gallons/foot = 0.37 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 14.00 feet)+ 0.15 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.00	PURGING INITIATED AT: 11:57	PURGING ENDED AT: 12:23	TOTAL VOLUME PURGED (gallons): 2.30

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):	.11	TEMP.(°C):	22.09	DO:	.55	CO2:	208	DO High Range:	DO Low Range:
SEC(uS/cm):	142.3	pH:	5.27	Alkalinity:		Ferrous Iron:	3.6	CO2 High Range:	DO Low Range:
ORP(mV):	88	TURB(NTU):	20.4	H2S:	.07	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	.07		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES: Damian Allen	SAMPLING INITIATED AT: 12:23	SAMPLING ENDED AT: 13:14
PUMP OR TUBING DEPTH IN WELL (feet): 10.00	SAMPLE PUMP FLOW RATE (mL per minute): 334.86	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-29B	SAMPLE ID: 07-71009/2:OLD-OU2-29B:3/31/09_9:48_10:43	DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR SAMPLER:
1.00	0.25	25-30	4.77	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (28.95 feet – 4.77 feet) X 0.04 gallons/foot = 0.99 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 29.00 feet)+ 0.15 gallons = 0.22 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):
25.00	25.00	9:35	9:48	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)

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	TEMP.(°C):	22.63	DO:	.66	CO2:	155	DO High Range:	DO Low Range:
SEC(uS/cm):	108.7	pH:	5.61	Alkalinity:		Ferrous Iron:	2.2	CO2 High Range:	DO Low Range:
ORP(mV):	52	TURB(NTU):	14.4	H2S:	.16	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	.15		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Damian Allen		9:48	10:43

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
25.00	320.30	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-30A	SAMPLE ID: 07-71009/2:OLD-OU2-30A:3/31/09_12:13_12:3	DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 8.20	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)
= (14.50 feet – 8.20 feet) X 0.04 gallons/foot = 0.26 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 16.00 feet)+ 0.15 gallons = 0.19 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.00	PURGING INITIATED AT: 11:33	PURGING ENDED AT: 12:13	TOTAL VOLUME PURGED (gallons): 2.30

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):	0	TEMP.(°C):	22.68	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	156.4	pH:	5.79	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	67	TURB(NTU):	272.8	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:13	SAMPLING ENDED AT: 12:38
PUMP OR TUBING DEPTH IN WELL (feet): 12.00	SAMPLE PUMP FLOW RATE (mL per minute): 217.66	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-30B	SAMPLE ID: 07-71009/2:OLD-OU2-30B:3/31/09_13:22_13:5		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 7.95	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)
= (28.80 feet – 7.95 feet) X 0.04 gallons/foot = 0.85 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 28.00 feet)+ 0.15 gallons = 0.22 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	PURGING INITIATED AT: 13:05	PURGING ENDED AT: 13:22	TOTAL VOLUME PURGED (gallons): 0.80

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):	.02	TEMP.(°C):	23.97	DO:	0	CO2:	569	DO High Range:	DO Low Range:
SEC(uS/cm):	732	pH:	6.29	Alkalinity:		Ferrous Iron:	3.6	CO2 High Range:	DO Low Range:
ORP(mV):	6	TURB(NTU):	2	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:	0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 13:22	SAMPLING ENDED AT: 13:55
PUMP OR TUBING DEPTH IN WELL (feet): 24.00	SAMPLE PUMP FLOW RATE (mL per minute): 178.14	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-31A	SAMPLE ID: 07-71009/2:OLD-OU2-31A:3/27/09_12:45_12:5		DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 11.87	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)
= (17.75 feet – 11.87 feet) X 0.04 gallons/foot = 0.24 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 18.00 feet)+ 0.07 gallons = 0.13 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 12:30	PURGING ENDED AT: 12:45	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)

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):	1.08	TEMP.(°C):	23.18	DO:	2.83	CO2:	120	DO High Range:	DO Low Range:
SEC(uS/cm):	50	pH:	5.61	Alkalinity:		Ferrous Iron:	0.2	CO2 High Range:	DO Low Range:
ORP(mV):	223.7	TURB(NTU):	1.9	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:	0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 12:45	SAMPLING ENDED AT: 12:55
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-31B	SAMPLE ID: 07-71009/2:OLD-OU2-31B:3/27/09_13:50_14:5		DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 11.65	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)
= (32.80 feet – 11.65 feet) X 0.04 gallons/foot = 0.86 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 32.00 feet)+ 0.07 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.00	PURGING INITIATED AT: 13:35	PURGING ENDED AT: 13:50	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)

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):	0.35	TEMP.(°C):	24.16	DO:	0	CO2:	528	DO High Range:	DO Low Range:
SEC(uS/cm):	188	pH:	5.38	Alkalinity:		Ferrous Iron:	1.95	CO2 High Range:	DO Low Range:
ORP(mV):	-62.5	TURB(NTU):	0.4	H2S:	4.77	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	4.5		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 13:50	SAMPLING ENDED AT: 14:05
PUMP OR TUBING DEPTH IN WELL (feet): 28.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-32A	SAMPLE ID: 07-71009/2:OLD-OU2-32A:3/26/09_11:36_12:1	DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 13.90	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)
= (17.62 feet – 13.90 feet) X 0.04 gallons/foot = 0.15 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 19.00 feet)+ 0.15 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00	PURGING INITIATED AT: 11:02	PURGING ENDED AT: 11:36	TOTAL VOLUME PURGED (gallons): 3.10

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)

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):	.45	TEMP.(°C):	21.94	DO:	1.46	CO2:	150	DO High Range:	DO Low Range:
SEC(uS/cm):	54.51	pH:	4.91	Alkalinity:		Ferrous Iron:	0	CO2 High Range:	DO Low Range:
ORP(mV):	259	TURB(NTU):	25.5	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:36	SAMPLING ENDED AT: 12:15
PUMP OR TUBING DEPTH IN WELL (feet): 15.00	SAMPLE PUMP FLOW RATE (mL per minute): 345.14	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-32B	SAMPLE ID: 07-71009/2:OLD-OU2-32B:3/26/09_13:32_13:5		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 12.52	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)
= (33.30 feet – 12.52 feet) X 0.04 gallons/foot = 0.85 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 22.00 feet)+ 0.15 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.00	PURGING INITIATED AT: 13:22	PURGING ENDED AT: 13:32	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)

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):	.04	TEMP.(°C):	23.6	DO:	.78	CO2:	180	DO High Range:	DO Low Range:
SEC(uS/cm):	86.63	pH:	5.35	Alkalinity:		Ferrous Iron:	1	CO2 High Range:	DO Low Range:
ORP(mV):	54	TURB(NTU):	2	H2S:	.34	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	.32		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 13:32	SAMPLING ENDED AT: 13:59
PUMP OR TUBING DEPTH IN WELL (feet): 18.00	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		

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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-33A	SAMPLE ID: 07-71009/2:OLD-OU2-33A:3/27/09_11:20_11:3(	DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 5.01-15	STATIC DEPTH TO WATER (feet): 12.57	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)
= (17.60 feet – 12.57 feet) X 0.04 gallons/foot = 0.21 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 18.00 feet)+ 0.07 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.00	PURGING INITIATED AT: 11:05	PURGING ENDED AT: 11:20	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)

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):	0.91	TEMP.(°C):	21.81	DO:	1.41	CO2:	178	DO High Range:	DO Low Range:
SEC(uS/cm):	118	pH:	5.83	Alkalinity:		Ferrous Iron:	2.0	CO2 High Range:	DO Low Range:
ORP(mV):	35.4	TURB(NTU):	0.5	H2S:	0	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:		Sulfide:	0		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 11:20	SAMPLING ENDED AT: 11:30
PUMP OR TUBING DEPTH IN WELL (feet): 14.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2	SITE LOCATION:	Orlando
WELL NO:	OLD-OU2-33B	SAMPLE ID: 07-71009/2:OLD-OU2-33B:3/27/09_9:51_10:0	DATE: 03/27/2009

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR SAMPLER:
1.00	0.25	25-30	12.36	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (33.35 feet – 12.36 feet) X 0.04 gallons/foot = 0.86 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 31.00 feet)+ 0.07 gallons = 0.20 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):
27.00	27.00	9:35	9:51	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)

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):	0.40	TEMP.(°C):	22.11	DO:	0.86	CO2:	332	DO High Range:	DO Low Range:
SEC(uS/cm):	165	pH:	5.58	Alkalinity:		Ferrous Iron:	1.95	CO2 High Range:	DO Low Range:
ORP(mV):	-99.5	TURB(NTU):	2.4	H2S:	2.12	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	2.0		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darren Miller	DWM	9:51	10:00

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
27.00	331.22	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-37B	SAMPLE ID: 07-71009/2:OLD-OU2-37B:3/30/09_11:22_11:2		DATE: 03/30/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH (feet): 25-30	STATIC DEPTH TO WATER (feet): 10.90	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)
= (33.20 feet – 10.90 feet) X 0.04 gallons/foot = 0.91 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: 11:01	PURGING ENDED AT: 11:22	TOTAL VOLUME PURGED (gallons): 1.80

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):	0	TEMP.(°C):	22.96	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	202.2	pH:	5.09	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	60	TURB(NTU):	12.3	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Damian Allen	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:22	SAMPLING ENDED AT: 11:29
PUMP OR TUBING DEPTH IN WELL (feet): 29.00	SAMPLE PUMP FLOW RATE (mL per minute): 324.46	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-DP01A	SAMPLE ID: 07-71009/2:OLD-OU2-DP01A:3/26/09_12:36_1		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 3.5-7.5	STATIC DEPTH TO WATER (feet): 2.30	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)
= (7.44 feet – 2.30 feet) X 0.04 gallons/foot = 0.21 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 9.00 feet)+ 0.07 gallons = 0.12 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	PURGING INITIATED AT: 12:20	PURGING ENDED AT: 12:36	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)

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):	2.18	TEMP.(°C):	26.76	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	109	pH:	5.57	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	-90.0	TURB(NTU):	0.2	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: 12:36	SAMPLING ENDED AT: 12:40
PUMP OR TUBING DEPTH IN WELL (feet): 5.00	SAMPLE PUMP FLOW RATE (mL per minute): 331.22	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-DP02A	SAMPLE ID: 07-71009/2:OLD-OU2-DP02A:3/26/09_16:5_16:		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 1.00	TUBING DIAMETER (inches): 0.13	WELL SCREEN INTERVAL DEPTH (feet): 3.5-7.5	STATIC DEPTH TO WATER (feet): 2.80	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)
= (8.70 feet – 2.80 feet) X 0.04 gallons/foot = 0.24 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 9.00 feet)+ 0.07 gallons = 0.12 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.00	PURGING INITIATED AT: 15:50	PURGING ENDED AT: 16:05	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)

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):	0.28	TEMP.(°C):	25.79	DO:	1.28	CO2:	209	DO High Range:	DO Low Range:
SEC(uS/cm):	178	pH:	5.64	Alkalinity:		Ferrous Iron:	1.2	CO2 High Range:	DO Low Range:
ORP(mV):	-45.4	TURB(NTU):	0.8	H2S:	3.45	Maganese:		Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate:		Sulfide:	3.25		
				Nitrate:					

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 16:05	SAMPLING ENDED AT: 16:25
PUMP OR TUBING DEPTH IN WELL (feet): 5.00	SAMPLE PUMP FLOW RATE (mL per minute): 353.31	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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB1	SAMPLE ID: 07-71009/2:OLD-OU2-EB1:3/31/09_10:0_10:0		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH (feet):	STATIC DEPTH TO WATER (feet):	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)
= (0.00 feet – 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: 10:00	PURGING ENDED AT: 10:00	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: Damian Allen	SAMPLER(S) SIGNATURES: Dam All	SAMPLING INITIATED AT: 10:00	SAMPLING ENDED AT: 10:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB1	SAMPLE ID: 07-71009/2:OLD-OU2-EB1:4/27/09_16:0_16:0		DATE: 04/27/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 16:00	PURGING ENDED AT: 16:00	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: 16:00	SAMPLING ENDED AT: 16:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB2	SAMPLE ID: 07-71009/2:OLD-OU2-EB2:3/31/09_9:30_9:30		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 9:30	PURGING ENDED AT: 9:30	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: 9:30	SAMPLING ENDED AT: 9:30
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-EB3	SAMPLE ID: 07-71009/2:OLD-OU2-EB3:3/31/09_17:0_17:0		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 17:00	PURGING ENDED AT: 17:00	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: 17:00	SAMPLING ENDED AT: 17:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-LG1	SAMPLE ID: 07-71009/2:OLD-OU2-LG1:2/17/09_8:45_8:45		DATE: 02/17/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 8:45	PURGING ENDED AT: 8:45	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):	18.7	TEMP.(°C):	15.9	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	188	pH:	7.33	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	78.8	TURB(NTU):	42.1	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: 8:45	SAMPLING ENDED AT: 8:45
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 FILTER SIZE: NA
Filtration Equipment Type:
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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-LG1	SAMPLE ID: 07-71009/2:OLD-OU2-LG1:3/31/09_9:20_9:20		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 9:20	PURGING ENDED AT: 9:20	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):	4.37	TEMP.(°C):	21.7	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	314	pH:	6.6	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	108.6	TURB(NTU):	40.6	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: 9:20	SAMPLING ENDED AT: 9:20
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-LG1	SAMPLE ID: 07-71009/2:OLD-OU2-LG1:4/27/09_15:45_15:4		DATE: 04/27/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 15:45	PURGING ENDED AT: 15:45	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):	9.32	TEMP.(°C):	32.23	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	453.1	pH:	6.37	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	238	TURB(NTU):	112.6	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: 15:45	SAMPLING ENDED AT: 15:45
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW29	SAMPLE ID: 07-71009/2:OLD-OU2-SW29:3/31/09_7:45_7:45		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 7:45	PURGING ENDED AT: 7:45	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):	1.49	TEMP.(°C):	19.32	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	315	pH:	6.69	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	52.3	TURB(NTU):	15.0	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: 7:45	SAMPLING ENDED AT: 7:45
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW30	SAMPLE ID: 07-71009/2:OLD-OU2-SW30:3/31/09_8:0_8:0		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 8:00	PURGING ENDED AT: 8:00	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):	8.91	TEMP.(°C):	18.64	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	254	pH:	6.95	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	69.9	TURB(NTU):	25.8	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: 8:00	SAMPLING ENDED AT: 8:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW31	SAMPLE ID: 07-71009/2:OLD-OU2-SW31:3/31/09_8:30_8:3(		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 8:30	PURGING ENDED AT: 8:30	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):	5.29	TEMP.(°C):	18.97	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	244	pH:	6.98	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	92.6	TURB(NTU):	39.3	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: 8:30	SAMPLING ENDED AT: 8:30
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 | FILTER SIZE: NA | DUPLICATE: ☑ Y ☐ N
Filtration Equipment Type:

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW32	SAMPLE ID: 07-71009/2:OLD-OU2-SW32:2/17/09_8:0_8:0		DATE: 02/17/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 8:00	PURGING ENDED AT: 8:00	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):	17.5	TEMP.(°C):	21.3	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	197	pH:	7.33	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	-92.1	TURB(NTU):	37.7	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: 8:00	SAMPLING ENDED AT: 8:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW32	SAMPLE ID: 07-71009/2:OLD-OU2-SW32:3/26/09_10:40_10		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 10:40	PURGING ENDED AT: 10:40	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):	9.17	TEMP.(°C):	21.27	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	222	pH:	6.47	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	-63.7	TURB(NTU):	0.5	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: 10:40	SAMPLING ENDED AT: 10:40
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW32	SAMPLE ID: 07-71009/2:OLD-OU2-SW32:3/26/09_10:40_10		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 10:40	PURGING ENDED AT: 10:40	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):	92.17	TEMP.(°C):	21.27	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	222	pH:	6.47	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	-63.7	TURB(NTU):	0.5	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:40	SAMPLING ENDED AT: 10:40
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW32	SAMPLE ID: 07-71009/2:OLD-OU2-SW32:4/27/09_14:59_0:0		DATE: 04/27/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 14:59	PURGING ENDED AT: 14:59	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: 14:59	SAMPLING ENDED AT:
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW33	SAMPLE ID: 07-71009/2:OLD-OU2-SW33:3/26/09_12:0_12:0		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 12:00	PURGING ENDED AT: 12:00	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):	81.56	TEMP.(°C):	25.38	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	155	pH:	5.64	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	156.8	TURB(NTU):	5.2	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:00	SAMPLING ENDED AT: 12:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW33	SAMPLE ID: 07-71009/2:OLD-OU2-SW33:3/26/09_12:0_12:0		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 12:00	PURGING ENDED AT: 12:00	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):	8.56	TEMP.(°C):	25.38	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	155	pH:	5.64	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	156.8	TURB(NTU):	5.2	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: 12:00	SAMPLING ENDED AT: 12:00
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW34	SAMPLE ID: 07-71009/2:OLD-OU2-SW34:3/26/09_12:55_12		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 12:55	PURGING ENDED AT: 12:55	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):	7.62	TEMP.(°C):	28.45	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	201	pH:	5.54	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	142.6	TURB(NTU):	6.2	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: 12:55	SAMPLING ENDED AT: 12:55
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW34	SAMPLE ID: 07-71009/2:OLD-OU2-SW34:3/26/09_12:55_12		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 12:55	PURGING ENDED AT: 12:55	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):	74.62	TEMP.(°C):	28.45	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	201	pH:	5.54	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	142.6	TURB(NTU):	6.2	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darren Miller	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:55	SAMPLING ENDED AT: 12:55
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW35	SAMPLE ID: 07-71009/2:OLD-OU2-SW35:2/17/09_8:15_8:15		DATE: 02/17/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 8:15	PURGING ENDED AT: 8:15	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):	11.8	TEMP.(°C):	18.6	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	268	pH:	6.28	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	110	TURB(NTU):	18.2	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: 8:15	SAMPLING ENDED AT: 8:15
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW35	SAMPLE ID: 07-71009/2:OLD-OU2-SW35:3/26/09_13:25_13		DATE: 03/26/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 13:25	PURGING ENDED AT: 13:25	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):	2.95	TEMP.(°C):	26.87	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	198	pH:	5.41	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	215.6	TURB(NTU):	0.3	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: 13:25	SAMPLING ENDED AT: 13:25
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW35	SAMPLE ID: 07-71009/2:OLD-OU2-SW35:4/27/09_15:15_15		DATE: 04/27/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 15:15	PURGING ENDED AT: 15:15	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):	7.7	TEMP.(°C):	29.46	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	230.4	pH:	5.52	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	254	TURB(NTU):	4.6	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: 15:15	SAMPLING ENDED AT: 15:15
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		

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 Operable Unit 2		SITE LOCATION: Orlando	
WELL NO: OLD-OU2-SW36	SAMPLE ID: 07-71009/2:OLD-OU2-SW36:3/31/09_9:0_9:0		DATE: 03/31/2009

PURGING DATA

WELL DIAMETER (inches): 0.00	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)
= (0.00 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: 9:00	PURGING ENDED AT: 9:00	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):	11.35	TEMP.(°C):	20.23	DO:	CO2:	DO High Range:	DO Low Range:
SEC(uS/cm):	237	pH:	6.36	Alkalinity:	Ferrous Iron:	CO2 High Range:	DO Low Range:
ORP(mV):	127.7	TURB(NTU):	11.6	H2S:	Maganese:	Alkalinity High Range:	Alkalinity Low Range:
Salinity:				Sulfate: Nitrate:	Sulfide:		

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES: DWM	SAMPLING INITIATED AT: 9:00	SAMPLING ENDED AT: 9:00
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 | FILTER SIZE: NA | DUPLICATE: ☐ Y ☑ N
Filtration Equipment Type:

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)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/21/09

Technical Report for

BFA Environmental Consultants

NTC Orlando, Orlando, FL

2008-10

Accutest Job Number: F64318

Sampling Dates: 03/30/09 - 03/31/09

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: **154**

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Harry Behzadi, Ph.D.
Laboratory Director

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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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Sample Results **5**
- **2.1:** F64318-1: OLD-OU2-37B 6
- **2.2:** F64318-2: OLD-OU2-29A 9
- **2.3:** F64318-3: OLD-OU2-EB1 15
- **2.4:** F64318-4: OLD-OU2-SW29 19
- **2.5:** F64318-5: OLD-OU2-SW30 23
- **2.6:** F64318-6: OLD-OU2-SW31 27
- **2.7:** F64318-7: OLD-OU2-SW36 31
- **2.8:** F64318-8: OLD-OU2-LG1 35
- **2.9:** F64318-9: OLD-OU2-EB2 38
- **2.10:** F64318-10: OLD-OU2-DUPE 42
- **2.11:** F64318-11: OLD-OU2-21B 46
- **2.12:** F64318-12: OLD-OU2-21A 52
- **2.13:** F64318-13: OLD-OU2-29B 58
- **2.14:** F64318-14: OLD-OU2-30A 64
- **2.15:** F64318-15: OLD-OU2-30B 70
- **2.16:** F64318-16: OLD-OU2-3A 76
- **2.17:** F64318-17: OLD-OU2-3B 82
- **2.18:** F64318-18: OLD-OU2-2A 88
- **2.19:** F64318-19: OLD-OU2-2B 94
- **2.20:** F64318-20: OLD-OU2-EB3 100
- **2.21:** F64318-21: OLD-OU2-DUPE 104

Section 3: Misc. Forms **108**
- **3.1:** Chain of Custody 109

Section 4: GC/MS Volatiles - QC Data Summaries **112**
- **4.1:** Method Blank Summary 113
- **4.2:** Blank Spike Summary 120
- **4.3:** Matrix Spike/Matrix Spike Duplicate Summary 127

Section 5: GC Volatiles - QC Data Summaries **134**
- **5.1:** Method Blank Summary 135
- **5.2:** Blank Spike Summary 136
- **5.3:** Matrix Spike Summary 137
- **5.4:** Duplicate Summary 138

Section 6: Metals Analysis - QC Data Summaries **139**
- **6.1:** Prep QC MP16220: Fe,Mn 140
- **6.2:** Prep QC MP16226: Fe,Mn 145

Section 7: General Chemistry - QC Data Summaries **150**
- **7.1:** Method Blank and Spike Results Summary 151
- **7.2:** Duplicate Results Summary 152
- **7.3:** Matrix Spike Results Summary 153
- **7.4:** Matrix Spike Duplicate Results Summary 154

Accutest Laboratories

Sample Summary

BFA Environmental Consultants

Job No: F64318

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F64318-1	03/30/09	11:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-37B
F64318-2	03/30/09	13:00	DA	04/01/09	AQ	Ground Water	OLD-OU2-29A
F64318-3	03/30/09	10:00	DA	04/01/09	AQ	Equipment Blank	OLD-OU2-EB1
F64318-4	03/31/09	07:45	DA	04/01/09	AQ	Ground Water	OLD-OU2-SW29
F64318-5	03/31/09	08:00	DA	04/01/09	AQ	Ground Water	OLD-OU2-SW30
F64318-6	03/31/09	08:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-SW31
F64318-7	03/31/09	09:00	DA	04/01/09	AQ	Ground Water	OLD-OU2-SW36
F64318-8	03/31/09	09:20	DA	04/01/09	AQ	Ground Water	OLD-OU2-LG1
F64318-9	03/31/09	09:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-EB2
F64318-10	03/31/09	08:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-DUPE
F64318-11	03/31/09	11:25	DA	04/01/09	AQ	Ground Water	OLD-OU2-21B
F64318-11D	03/31/09	11:25	DA	04/01/09	AQ	Water Dup/MSD	OLD-OU2-21B
F64318-11S	03/31/09	11:25	DA	04/01/09	AQ	Water Matrix Spike	OLD-OU2-21B

Accutest Laboratories

Sample Summary
(continued)

BFA Environmental Consultants

Job No: F64318

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F64318-12	03/31/09	13:05	DA	04/01/09	AQ	Ground Water	OLD-OU2-21A
F64318-13	03/31/09	13:00	DA	04/01/09	AQ	Ground Water	OLD-OU2-29B
F64318-14	03/31/09	13:00	DA	04/01/09	AQ	Ground Water	OLD-OU2-30A
F64318-15	03/31/09	13:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-30B
F64318-16	03/31/09	15:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-3A
F64318-17	03/31/09	17:00	DA	04/01/09	AQ	Ground Water	OLD-OU2-3B
F64318-18	03/31/09	15:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-2A
F64318-19	03/31/09	16:35	DA	04/01/09	AQ	Ground Water	OLD-OU2-2B
F64318-20	03/31/09	17:00	DA	04/01/09	AQ	Equipment Blank	OLD-OU2-EB3
F64318-21	03/31/09	15:30	DA	04/01/09	AQ	Ground Water	OLD-OU2-DUPE

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-OU2-37B		
Lab Sample ID:	F64318-1	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002950.D	1	04/13/09	KW	n/a	n/a	VA132
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	1.2	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	7.6	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	1.8	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-OU2-37B		
Lab Sample ID:	F64318-1	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	3.0	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	4.4	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	0.32 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	1.4	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-OU2-37B		
Lab Sample ID:	F64318-1	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	105%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-29A		
Lab Sample ID:	F64318-2	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002951.D	1	04/13/09	KW	n/a	n/a	VA132
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-OU2-29A		
Lab Sample ID:	F64318-2	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-29A		
Lab Sample ID:	F64318-2	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	104%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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-OU2-29A		
Lab Sample ID:	F64318-2	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00756.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	187	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-OU2-29A		
Lab Sample ID:	F64318-2	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5240	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	3.7 I	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16220

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-OU2-29A		
Lab Sample ID:	F64318-2	**Date Sampled:**	03/30/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	5.30	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	22.4	2.0	1.0	mg/l	1	04/01/09 17:55	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.25	0.10	0.050	mg/l	1	04/06/09 14:10	SD	EPA 350.1
Nitrogen, Nitrate [a]	0.050 U	0.10	0.050	mg/l	1	04/01/09 17:55	CC	EPA 300/SW846 9056
Nitrogen, Nitrite [a]	0.050 U	0.10	0.050	mg/l	1	04/01/09 17:55	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.42	0.10	0.020	mg/l	1	04/02/09 07:00	LE	EPA 365.3
Sulfate	13.7	2.0	1.0	mg/l	1	04/01/09 17:55	CC	EPA 300/SW846 9056
Total Organic Carbon	12.2	1.0	0.50	mg/l	1	04/06/09 13:45	AJC	SM19 5310B/SW 9060A

(a) Received out of hold.

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-OU2-EB1		
Lab Sample ID:	F64318-3	**Date Sampled:**	03/30/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
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	A002952.D	1	04/13/09	KW	n/a	n/a	VA132
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-OU2-EB1		
Lab Sample ID:	F64318-3	**Date Sampled:**	03/30/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
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-OU2-EB1		
Lab Sample ID:	F64318-3	**Date Sampled:**	03/30/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
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	105%		76-127%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-EB1		
Lab Sample ID:	F64318-3	**Date Sampled:**	03/30/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	23 U	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	1.0 U	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16220

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-OU2-SW29		
Lab Sample ID:	F64318-4	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002957.D	1	04/13/09	KW	n/a	n/a	VA132
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-OU2-SW29		
Lab Sample ID:	F64318-4	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-SW29		
Lab Sample ID:	F64318-4	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	104%		76-127%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-SW29		
Lab Sample ID:	F64318-4	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	3400	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16220

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-OU2-SW30		
Lab Sample ID:	F64318-5	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002958.D	1	04/13/09	KW	n/a	n/a	VA132
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-OU2-SW30		
Lab Sample ID:	F64318-5	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-SW30		
Lab Sample ID:	F64318-5	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	105%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-SW30		
Lab Sample ID:	F64318-5	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2580	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16220

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-OU2-SW31		
Lab Sample ID:	F64318-6	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002959.D	1	04/13/09	KW	n/a	n/a	VA132
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-OU2-SW31		
Lab Sample ID:	F64318-6	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-SW31		
Lab Sample ID:	F64318-6	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	106%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	104%		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-OU2-SW31		
Lab Sample ID:	F64318-6	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2000	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16220

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-OU2-SW36		
Lab Sample ID:	F64318-7	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002960.D	1	04/13/09	KW	n/a	n/a	VA132
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	0.96	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-OU2-SW36		
Lab Sample ID:	F64318-7	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-SW36		
Lab Sample ID:	F64318-7	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	108%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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-OU2-SW36		
Lab Sample ID:	F64318-7	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	914	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-LG1		
Lab Sample ID:	F64318-8	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002966.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-LG1		
Lab Sample ID:	F64318-8	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-LG1		
Lab Sample ID:	F64318-8	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	105%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-EB2		
Lab Sample ID:	F64318-9	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002967.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-EB2		
Lab Sample ID:	F64318-9	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-EB2		
Lab Sample ID:	F64318-9	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	106%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	107%		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-OU2-EB2		
Lab Sample ID:	F64318-9	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	23 U	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	1.0 U	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-DUPE		
Lab Sample ID:	F64318-10	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002968.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-DUPE		
Lab Sample ID:	F64318-10	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-OU2-DUPE		
Lab Sample ID:	F64318-10	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	108%		76-127%
2037-26-5	Toluene-D8	98%		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

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-OU2-DUPE		
Lab Sample ID:	F64318-10	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2000	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-21B		
Lab Sample ID:	F64318-11	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002953.D	1	04/13/09	KW	n/a	n/a	VA132
Run #2 [a]	B059466.D	1	04/10/09	AJ	n/a	n/a	VB2490

	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	0.88	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-OU2-21B		
Lab Sample ID:	F64318-11	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-21B		
Lab Sample ID:	F64318-11	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	107%	99%	76-127%
2037-26-5	Toluene-D8	99%	102%	86-112%
460-00-4	4-Bromofluorobenzene	107%	110%	84-120%

(a) Confirmation run.

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-OU2-21B		
Lab Sample ID:	F64318-11	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00757.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	658	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-OU2-21B		
Lab Sample ID:	F64318-11	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1450	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	19.6	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-21B		
Lab Sample ID:	F64318-11	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	34.8	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	24.4	2.0	1.0	mg/l	1	04/01/09 18:13	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 14:11	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	04/01/09 18:13	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 18:13	CC	EPA 300/SW846 9056
Phosphate, Ortho	1.5	1.0	0.20	mg/l	10	04/02/09 07:00	LE	EPA 365.3
Sulfate	20.9	2.0	1.0	mg/l	1	04/01/09 18:13	CC	EPA 300/SW846 9056
Total Organic Carbon	7.5	1.0	0.50	mg/l	1	04/06/09 14:04	AJC	SM19 5310B/SW 9060A

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-OU2-21A		
Lab Sample ID:	F64318-12	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002969.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-21A		
Lab Sample ID:	F64318-12	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-21A		
Lab Sample ID:	F64318-12	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	109%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	104%		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-OU2-21A		
Lab Sample ID:	F64318-12	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00758.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	1.49	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-OU2-21A		
Lab Sample ID:	F64318-12	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	74.1 I	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	8.5 I	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-21A		
Lab Sample ID:	F64318-12	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	2.5 U	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	7.4	2.0	1.0	mg/l	1	04/01/09 18:32	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 14:41	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	04/01/09 18:32	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 18:32	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.020 U	0.10	0.020	mg/l	1	04/02/09 07:00	LE	EPA 365.3
Sulfate	7.9	2.0	1.0	mg/l	1	04/01/09 18:32	CC	EPA 300/SW846 9056
Total Organic Carbon	2.9	1.0	0.50	mg/l	1	04/06/09 14:19	AJC	SM19 5310B/SW 9060A

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-OU2-29B		
Lab Sample ID:	F64318-13	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002970.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-29B		
Lab Sample ID:	F64318-13	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-29B		
Lab Sample ID:	F64318-13	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	109%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	104%		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-OU2-29B		
Lab Sample ID:	F64318-13	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00759.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	475	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-OU2-29B		
Lab Sample ID:	F64318-13	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2290	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	6.9 I	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-29B		
Lab Sample ID:	F64318-13	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	20.3	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	15.6	2.0	1.0	mg/l	1	04/01/09 18:50	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.085 I	0.10	0.050	mg/l	1	04/06/09 14:42	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	04/01/09 18:50	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 18:50	CC	EPA 300/SW846 9056
Phosphate, Ortho	5.6	5.0	1.0	mg/l	50	04/02/09 07:00	LE	EPA 365.3
Sulfate	1.6 I	2.0	1.0	mg/l	1	04/01/09 18:50	CC	EPA 300/SW846 9056
Total Organic Carbon	4.7	1.0	0.50	mg/l	1	04/06/09 14:34	AJC	SM19 5310B/SW 9060A

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-OU2-30A		
Lab Sample ID:	F64318-14	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002971.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-30A		
Lab Sample ID:	F64318-14	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-30A		
Lab Sample ID:	F64318-14	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	110%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-30A		
Lab Sample ID:	F64318-14	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00760.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	105	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-OU2-30A		
Lab Sample ID:	F64318-14	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	24200	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	47.7	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-30A		
Lab Sample ID:	F64318-14	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	48.3	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	19.3	2.0	1.0	mg/l	1	04/01/09 21:37	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.58	0.10	0.050	mg/l	1	04/06/09 14:43	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	04/01/09 21:37	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 21:37	CC	EPA 300/SW846 9056
Phosphate, Ortho	3.1 I	5.0	1.0	mg/l	50	04/02/09 07:00	LE	EPA 365.3
Sulfate	1.6 I	2.0	1.0	mg/l	1	04/01/09 21:37	CC	EPA 300/SW846 9056
Total Organic Carbon [a]	32.0	1.0	0.50	mg/l	1	04/06/09 14:50	AJC	SM19 5310B/SW 9060A

(a) Estimated value, above calibration range.

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-OU2-30B		
Lab Sample ID:	F64318-15	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002972.D	1	04/14/09	TD	n/a	n/a	VA134
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	2.4	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-OU2-30B		
Lab Sample ID:	F64318-15	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	1.1	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-OU2-30B		
Lab Sample ID:	F64318-15	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	111%		76-127%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-30B		
Lab Sample ID:	F64318-15	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00761.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2	FF00768.D	5	04/07/09	SL	n/a	n/a	GFF39

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	3680 [a]	2.5	0.80	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-OU2-30B		
Lab Sample ID:	F64318-15	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	31100	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	134	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-30B		
Lab Sample ID:	F64318-15	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	241	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	63.5	2.0	1.0	mg/l	1	04/01/09 21:55	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	2.8	0.10	0.050	mg/l	1	04/06/09 14:44	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	04/01/09 21:55	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 21:55	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.020 U	0.10	0.020	mg/l	1	04/02/09 07:00	LE	EPA 365.3
Sulfate	3.5	2.0	1.0	mg/l	1	04/01/09 21:55	CC	EPA 300/SW846 9056
Total Organic Carbon	43.9	1.0	0.50	mg/l	1	04/06/09 19:10	AJC	SM19 5310B/SW 9060A

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-OU2-3A		
Lab Sample ID:	F64318-16	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002973.D	1	04/14/09	TD	n/a	n/a	VA134
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 [a]	18.6	25	10	ug/l	I
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	0.71	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	0.74	1.0	0.22	ug/l	I
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-OU2-3A		
Lab Sample ID:	F64318-16	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	0.74	1.0	0.22	ug/l	I
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	1.1	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:	OLD-OU2-3A		
Lab Sample ID:	F64318-16	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	112%		76-127%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	106%		84-120%

(a) CCV outside of control limits; results may be biased high.

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-OU2-3A		
Lab Sample ID:	F64318-16	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00762.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2	FF00769.D	5	04/07/09	SL	n/a	n/a	GFF39

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	3490 [a]	2.5	0.80	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-OU2-3A		
Lab Sample ID:	F64318-16	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	6100	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	337	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-3A		
Lab Sample ID:	F64318-16	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	203	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	70.6	2.0	1.0	mg/l	1	04/01/09 22:14	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	4.3	0.10	0.050	mg/l	1	04/06/09 14:45	SD	EPA 350.1
Nitrogen, Nitrate	0.13	0.10	0.050	mg/l	1	04/01/09 22:14	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 22:14	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.020 U	0.10	0.020	mg/l	1	04/02/09 07:00	LE	EPA 365.3
Sulfate	15.2	2.0	1.0	mg/l	1	04/01/09 22:14	CC	EPA 300/SW846 9056
Total Organic Carbon [a]	30.1	1.0	0.50	mg/l	1	04/06/09 19:35	AJC	SM19 5310B/SW 9060A

(a) Estimated value, above calibration range.

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-OU2-3B		
Lab Sample ID:	F64318-17	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002974.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-3B		
Lab Sample ID:	F64318-17	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-3B		
Lab Sample ID:	F64318-17	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	111%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-3B		
Lab Sample ID:	F64318-17	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00765.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	351	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-OU2-3B		
Lab Sample ID:	F64318-17	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	9060	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	21.5	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-3B		
Lab Sample ID:	F64318-17	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	72.1	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	64.6	2.0	1.0	mg/l	1	04/01/09 22:32	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	6.3	0.10	0.050	mg/l	1	04/06/09 14:46	SD	EPA 350.1
Nitrogen, Nitrate	0.11	0.10	0.050	mg/l	1	04/01/09 22:32	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 22:32	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.26	0.10	0.020	mg/l	1	04/02/09 07:00	LE	EPA 365.3
Sulfate	18.1	2.0	1.0	mg/l	1	04/01/09 22:32	CC	EPA 300/SW846 9056
Total Organic Carbon	10.9	1.0	0.50	mg/l	1	04/06/09 19:50	AJC	SM19 5310B/SW 9060A

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-OU2-2A		
Lab Sample ID:	F64318-18	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002975.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-2A		
Lab Sample ID:	F64318-18	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-2A		
Lab Sample ID:	F64318-18	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	104%		87-116%
17060-07-0	1,2-Dichloroethane-D4	113%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-2A		
Lab Sample ID:	F64318-18	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00766.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2	FF00770.D	5	04/07/09	SL	n/a	n/a	GFF39

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	2010 [a]	2.5	0.80	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-OU2-2A		
Lab Sample ID:	F64318-18	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	34300	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	209	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-2A		
Lab Sample ID:	F64318-18	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	620	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	24.4	2.0	1.0	mg/l	1	04/01/09 22:51	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	51.7	1.0	0.50	mg/l	10	04/06/09 14:59	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	04/01/09 22:51	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 22:51	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.040 U	0.20	0.040	mg/l	2	04/02/09 07:00	LE	EPA 365.3
Sulfate	1.0 U	2.0	1.0	mg/l	1	04/01/09 22:51	CC	EPA 300/SW846 9056
Total Organic Carbon	73.4	1.0	0.50	mg/l	1	04/06/09 20:06	AJC	SM19 5310B/SW 9060A

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-OU2-2B		
Lab Sample ID:	F64318-19	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002976.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-2B		
Lab Sample ID:	F64318-19	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-2B		
Lab Sample ID:	F64318-19	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	104%		87-116%
17060-07-0	1,2-Dichloroethane-D4	112%		76-127%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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-OU2-2B		
Lab Sample ID:	F64318-19	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	FF00767.D	1	04/07/09	SL	n/a	n/a	GFF39
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	114	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-OU2-2B		
Lab Sample ID:	F64318-19	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2660	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	14.9 I	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-2B		
Lab Sample ID:	F64318-19	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	26.4	5.0	2.5	mg/l	1	04/03/09	MV	SM19 2320B
Chloride	47.8	2.0	1.0	mg/l	1	04/01/09 23:09	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 14:50	SD	EPA 350.1
Nitrogen, Nitrate	0.11	0.10	0.050	mg/l	1	04/01/09 23:09	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	04/01/09 23:09	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.15	0.10	0.020	mg/l	1	04/02/09 07:00	LE	EPA 365.3
Sulfate	19.3	2.0	1.0	mg/l	1	04/01/09 23:09	CC	EPA 300/SW846 9056
Total Organic Carbon	9.9	1.0	0.50	mg/l	1	04/06/09 20:30	AJC	SM19 5310B/SW 9060A

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-OU2-EB3		
Lab Sample ID:	F64318-20	**Date Sampled:**	03/31/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
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	A002978.D	1	04/14/09	TD	n/a	n/a	VA134
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-OU2-EB3		
Lab Sample ID:	F64318-20	**Date Sampled:**	03/31/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
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-OU2-EB3		
Lab Sample ID:	F64318-20	**Date Sampled:**	03/31/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
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	111%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	108%		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-OU2-EB3		
Lab Sample ID:	F64318-20	**Date Sampled:**	03/31/09
Matrix:	AQ - Equipment Blank	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	23 U	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	1.0 U	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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-OU2-DUPE		
Lab Sample ID:	F64318-21	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	A002979.D	1	04/14/09	TD	n/a	n/a	VA134
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	0.91	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	0.92	1.0	0.22	ug/l	I
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-OU2-DUPE		
Lab Sample ID:	F64318-21	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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-OU2-DUPE		
Lab Sample ID:	F64318-21	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
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	112%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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-OU2-DUPE		
Lab Sample ID:	F64318-21	**Date Sampled:**	03/31/09
Matrix:	AQ - Ground Water	**Date Received:**	04/01/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	7160	300	23	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	391	15	1.0	ug/l	1	04/10/09	04/10/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7159
(2) Prep QC Batch: MP16226

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 JOB # F64318 PAGE 1 OF 2

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: BFA
Address: 3655 MAGUIRE RD.
City: ORLANDO State: FL. Zip: 32803
Project Contact: JOHN WELLES E-mail:
Phone#: 407-896-8608
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

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

Accutest Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	8260	M.E.E.	TOC	BIOGENIC GASES (HYDROCARBONS)	ALK, Cl, NW, ORTHO. SOL	NH3	Fe, Mn	Fe				LAB USE ONLY
1	OLD-OU2-37B	3/30/09	1130	DA	GW	3										X											
2	OLD-OU2-29A		1300	DA	GW	12										X	X	X	X	X	X	X					
3	OLD-OU2-EB1		1000	DA	WW	4										X						X					
4	OLD-OU2-SW29	3/31/09	745	DM	SW	4										X							X				
5	OLD-OU2-SW30		800	DM	SW	4										X							X				
6	OLD-OU2-SW31		830	DM	SW	4										X							X				
7	OLD-OU2-SW36		900	DM	SW	4										X							X				
8	OLD-OU2-LG1		920	DM	SW	3										X											
9	OLD-OU2-EB2		930	DM	WW	4										X						X					
10	OLD-OU2-DUPE		830	DM	SW	4										X							X				
11	OLD-OU2-21B		1125	DM	GW	10										X	X	X	X	X	X	X	X				
12	OLD-OU2-21A		1305	DM	GW	12										X	X	X	X	X	X	X	X				

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	4/1/09	2 13:30 04/01/09	3 13:55 04/01/09	4-1-09 3:00	4 (Accutest) 4-1-09 3:00
Relinquished by: 5	Date Time:	Received By: 6	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: 4 Cooler Temperature (s) Celsius: 3.8 4.4 4.0 4.2

F64318: Chain of Custody
Page 1 of 3

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 # F64318 PAGE 2 OF 2
Accutest Quote # SKIFF#

Client / Reporting Information

Company Name: BFA
Address: 3655 MAGUIRE RD.
City: ORLANDO State: FL Zip: 32803
Project Contact: JOHN WIZIAS E-mail:
Phone#: 407-896-8608
Sampler(s) Name(s) (Printed): JARROD MILLER / DAMIEN AHLW

Project Information

Project Name: NTC-ORLANDO
Street:
City: State:
Project # 2008-10
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; WP - Wipe

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	M.E.E.	TEC	H_2, Bicarbonate Cases	Alk, Cl, Nitrate, Sulf	NH3	Fe, Mn					LAB USE ONLY
13	OLD-OU2-29B	3/31/09	1100	DA	GW	10										X	X	X	X	X	X	X					
14	OLD-OU2-30A		1300	DA	GW	9										X	X	X		X	X	X					
15	OLD-OU2-30B		1330	DA	GW	10										X	X	X	X	X	X	X					
16	OLD-OU2-31A		1530	DA	GW	10										X	X	X	X	X	X	X					
17	OLD-OU2-31B		1700	DA	GW	10										X	X	X	X	X	X	X					
18	OLD-OU2-MS		1125	DM	GW	3										X						X					
19	OLD-OU2-2A		1530	DM	GW	12										X	X	X	X	X	X	X					
20	OLD-OU2-2B		1635	DM	GW	12										X	X	X	X	X	X	X					
21	OLD-OU2-EB3		1700	DM	WW	4										X						X					
22	OLD-OU2-DUPE		1530	DA	GW	5										X						X					

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:
	4/1/09	1 13:30 04/01/09	3	04/01/09 13:55	4 Accutest 4-1-09 3:00
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
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: 4 Cooler Temperature (s) Celsius: 3.8 4.4 4.0

F64318: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F64318 CLIENT: BFA PROJECT: NTC-Orlando

DATE/TIME RECEIVED: 4-1-09 3:00 # OF COOLERS RECEIVED: 4 COOLER TEMPS: 3.8 4.4 4.0 4.2

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
- [x] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] 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: Recieved . 4 trip Blanks Samples 2, 11, 13, 14, 15, 16 & 17 only recieved 2 vials each for (8260) & (MEE) per sample. ~~Sample 11 (MS) recieved 1 extra metals bottle (500mL) not requested on COC~~ ET. ET. Sample 21 recieved 4 vials 8260

TECHNICIAN SIGNATURE/DATE CR 4-1-09 TECHNICIAN SIGNATURE/DATE ET 4/1/09

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: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2490-MB	B059454.D	1	04/10/09	AJ	n/a	n/a	VB2490

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

F64318-11

CAS No.	Compound	Result	RL	MDL	Units	Q

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	87-116%
17060-07-0	1,2-Dichloroethane-D4	100%	76-127%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	109%	84-120%

Method Blank Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA132-MB	A002933.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

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: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA132-MB	A002933.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

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: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA132-MB	A002933.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	87-116%
17060-07-0	1,2-Dichloroethane-D4	102%	76-127%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	103%	84-120%

Method Blank Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA134-MB	A002965.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

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: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA134-MB	A002965.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

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: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA134-MB	A002965.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	87-116%
17060-07-0	1,2-Dichloroethane-D4	103%	76-127%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	105%	84-120%

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2490-BS	B059453.D	1	04/10/09	AJ	n/a	n/a	VB2490

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

F64318-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	87-116%
17060-07-0	1,2-Dichloroethane-D4	97%	76-127%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	98%	84-120%

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA132-BS	A002932.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	156	125	59-134
107-02-8	Acrolein	125	71.8	57	33-157
107-13-1	Acrylonitrile	125	124	99	62-124
71-43-2	Benzene	25	27.2	109	83-124
108-86-1	Bromobenzene	25	26.1	104	83-115
74-97-5	Bromochloromethane	25	24.3	97	78-112
75-27-4	Bromodichloromethane	25	25.4	102	76-116
75-25-2	Bromoform	25	26.6	106	68-128
104-51-8	n-Butylbenzene	25	26.8	107	84-124
135-98-8	sec-Butylbenzene	25	26.5	106	86-127
98-06-6	tert-Butylbenzene	25	27.0	108	83-126
108-90-7	Chlorobenzene	25	26.9	108	87-115
75-00-3	Chloroethane	25	26.2	105	54-166
67-66-3	Chloroform	25	26.9	108	85-123
95-49-8	o-Chlorotoluene	25	27.6	110	84-121
106-43-4	p-Chlorotoluene	25	27.8	111	84-120
110-75-8	2-Chloroethyl vinyl ether	125	124	99	63-125
75-15-0	Carbon disulfide	25	24.7	99	67-147
56-23-5	Carbon tetrachloride	25	28.4	114	74-139
75-34-3	1,1-Dichloroethane	25	27.6	110	82-127
75-35-4	1,1-Dichloroethylene	25	27.6	110	75-133
563-58-6	1,1-Dichloropropene	25	28.1	112	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	25.2	101	61-118
106-93-4	1,2-Dibromoethane	25	26.0	104	80-115
107-06-2	1,2-Dichloroethane	25	26.1	104	76-122
78-87-5	1,2-Dichloropropane	25	26.2	105	81-120
142-28-9	1,3-Dichloropropane	25	25.9	104	81-113
594-20-7	2,2-Dichloropropane	25	29.0	116	77-138
124-48-1	Dibromochloromethane	25	26.3	105	74-116
75-71-8	Dichlorodifluoromethane	25	19.0	76	34-158
156-59-2	cis-1,2-Dichloroethylene	25	26.1	104	81-114
10061-01-5	cis-1,3-Dichloropropene	25	27.3	109	83-119
541-73-1	m-Dichlorobenzene	25	26.9	108	86-115
95-50-1	o-Dichlorobenzene	25	26.4	106	85-115
106-46-7	p-Dichlorobenzene	25	26.4	106	87-113
156-60-5	trans-1,2-Dichloroethylene	25	27.9	112	82-126

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA132-BS	A002932.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	29.1	116	87-123
100-41-4	Ethylbenzene	25	27.2	109	87-118
591-78-6	2-Hexanone	125	139	111	58-125
87-68-3	Hexachlorobutadiene	25	27.3	109	71-133
98-82-8	Isopropylbenzene	25	27.2	109	87-131
99-87-6	p-Isopropyltoluene	25	26.4	106	83-125
108-10-1	4-Methyl-2-pentanone	125	133	106	62-125
74-83-9	Methyl bromide	25	26.6	106	55-151
74-87-3	Methyl chloride	25	23.9	96	55-173
74-95-3	Methylene bromide	25	26.2	105	81-116
75-09-2	Methylene chloride	25	27.1	108	69-125
78-93-3	Methyl ethyl ketone	125	127	102	61-127
1634-04-4	Methyl Tert Butyl Ether	25	25.7	103	75-116
91-20-3	Naphthalene	25	25.5	102	59-125
103-65-1	n-Propylbenzene	25	28.3	113	86-125
100-42-5	Styrene	25	25.6	102	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	26.8	107	81-119
71-55-6	1,1,1-Trichloroethane	25	28.3	113	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	25.0	100	71-120
79-00-5	1,1,2-Trichloroethane	25	25.9	104	80-114
87-61-6	1,2,3-Trichlorobenzene	25	25.4	102	64-126
96-18-4	1,2,3-Trichloropropane	25	23.1	92	77-115
120-82-1	1,2,4-Trichlorobenzene	25	26.2	105	68-123
95-63-6	1,2,4-Trimethylbenzene	25	25.8	103	82-120
108-67-8	1,3,5-Trimethylbenzene	25	26.0	104	83-123
127-18-4	Tetrachloroethylene	25	27.9	112	80-131
108-88-3	Toluene	25	27.5	110	86-116
79-01-6	Trichloroethylene	25	26.6	106	85-124
75-69-4	Trichlorofluoromethane	25	24.2	97	66-156
75-01-4	Vinyl chloride	25	22.8	91	57-153
108-05-4	Vinyl Acetate	125	136	109	38-159
	m,p-Xylene	50	57.0	114	86-121
95-47-6	o-Xylene	25	26.4	106	83-121

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA132-BS	A002932.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

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

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA134-BS	A002964.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	142	114	59-134
107-02-8	Acrolein	125	31.8	25*	33-157
107-13-1	Acrylonitrile	125	124	99	62-124
71-43-2	Benzene	25	27.2	109	83-124
108-86-1	Bromobenzene	25	26.4	106	83-115
74-97-5	Bromochloromethane	25	24.1	96	78-112
75-27-4	Bromodichloromethane	25	25.6	102	76-116
75-25-2	Bromoform	25	26.0	104	68-128
104-51-8	n-Butylbenzene	25	26.9	108	84-124
135-98-8	sec-Butylbenzene	25	26.5	106	86-127
98-06-6	tert-Butylbenzene	25	27.2	109	83-126
108-90-7	Chlorobenzene	25	27.1	108	87-115
75-00-3	Chloroethane	25	28.0	112	54-166
67-66-3	Chloroform	25	27.0	108	85-123
95-49-8	o-Chlorotoluene	25	28.0	112	84-121
106-43-4	p-Chlorotoluene	25	28.2	113	84-120
110-75-8	2-Chloroethyl vinyl ether	125	128	102	63-125
75-15-0	Carbon disulfide	25	24.2	97	67-147
56-23-5	Carbon tetrachloride	25	28.0	112	74-139
75-34-3	1,1-Dichloroethane	25	27.9	112	82-127
75-35-4	1,1-Dichloroethylene	25	27.3	109	75-133
563-58-6	1,1-Dichloropropene	25	28.4	114	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	25.3	101	61-118
106-93-4	1,2-Dibromoethane	25	26.0	104	80-115
107-06-2	1,2-Dichloroethane	25	26.6	106	76-122
78-87-5	1,2-Dichloropropane	25	26.3	105	81-120
142-28-9	1,3-Dichloropropane	25	26.2	105	81-113
594-20-7	2,2-Dichloropropane	25	28.3	113	77-138
124-48-1	Dibromochloromethane	25	26.2	105	74-116
75-71-8	Dichlorodifluoromethane	25	30.6	122	34-158
156-59-2	cis-1,2-Dichloroethylene	25	25.6	102	81-114
10061-01-5	cis-1,3-Dichloropropene	25	27.6	110	83-119
541-73-1	m-Dichlorobenzene	25	27.0	108	86-115
95-50-1	o-Dichlorobenzene	25	26.7	107	85-115
106-46-7	p-Dichlorobenzene	25	26.4	106	87-113
156-60-5	trans-1,2-Dichloroethylene	25	28.2	113	82-126

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA134-BS	A002964.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	29.3	117	87-123
100-41-4	Ethylbenzene	25	27.3	109	87-118
591-78-6	2-Hexanone	125	134	107	58-125
87-68-3	Hexachlorobutadiene	25	27.5	110	71-133
98-82-8	Isopropylbenzene	25	27.1	108	87-131
99-87-6	p-Isopropyltoluene	25	26.4	106	83-125
108-10-1	4-Methyl-2-pentanone	125	131	105	62-125
74-83-9	Methyl bromide	25	29.4	118	55-151
74-87-3	Methyl chloride	25	29.7	119	55-173
74-95-3	Methylene bromide	25	26.3	105	81-116
75-09-2	Methylene chloride	25	27.8	111	69-125
78-93-3	Methyl ethyl ketone	125	138	110	61-127
1634-04-4	Methyl Tert Butyl Ether	25	25.7	103	75-116
91-20-3	Naphthalene	25	25.7	103	59-125
103-65-1	n-Propylbenzene	25	28.3	113	86-125
100-42-5	Styrene	25	25.4	102	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	26.4	106	81-119
71-55-6	1,1,1-Trichloroethane	25	28.3	113	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	25.4	102	71-120
79-00-5	1,1,2-Trichloroethane	25	25.9	104	80-114
87-61-6	1,2,3-Trichlorobenzene	25	25.5	102	64-126
96-18-4	1,2,3-Trichloropropane	25	23.2	93	77-115
120-82-1	1,2,4-Trichlorobenzene	25	26.4	106	68-123
95-63-6	1,2,4-Trimethylbenzene	25	25.7	103	82-120
108-67-8	1,3,5-Trimethylbenzene	25	26.1	104	83-123
127-18-4	Tetrachloroethylene	25	27.5	110	80-131
108-88-3	Toluene	25	27.7	111	86-116
79-01-6	Trichloroethylene	25	26.8	107	85-124
75-69-4	Trichlorofluoromethane	25	25.6	102	66-156
75-01-4	Vinyl chloride	25	26.9	108	57-153
108-05-4	Vinyl Acetate	125	135	108	38-159
	m,p-Xylene	50	57.1	114	86-121
95-47-6	o-Xylene	25	26.3	105	83-121

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA134-BS	A002964.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	87-116%
17060-07-0	1,2-Dichloroethane-D4	104%	76-127%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	100%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64318-11MS	B059464.D	1	04/10/09	AJ	n/a	n/a	VB2490
F64318-11MSD	B059465.D	1	04/10/09	AJ	n/a	n/a	VB2490
F64318-11 [a]	B059466.D	1	04/10/09	AJ	n/a	n/a	VB2490

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

F64318-11

CAS No.	Compound	F64318-11 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD

CAS No.	Surrogate Recoveries	MS	MSD	F64318-11	Limits
1868-53-7	Dibromofluoromethane	101%	103%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	97%	103%	99%	76-127%
2037-26-5	Toluene-D8	98%	99%	102%	86-112%
460-00-4	4-Bromofluorobenzene	98%	98%	110%	84-120%

(a) Confirmation run.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64318-11MS	A002954.D	1	04/13/09	KW	n/a	n/a	VA132
F64318-11MSD	A002955.D	1	04/13/09	KW	n/a	n/a	VA132
F64318-11	A002953.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

CAS No.	Compound	F64318-11 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	93.9	75	87.3	70	7	59-134/14
107-02-8	Acrolein	20 U		125	75.9	61	78.4	63	3	33-157/21
107-13-1	Acrylonitrile	10 U		125	89.0	71	94.5	76	6	62-124/13
71-43-2	Benzene	1.0 U		25	26.3	105	25.8	103	2	83-124/11
108-86-1	Bromobenzene	1.0 U		25	25.7	103	25.2	101	2	83-115/10
74-97-5	Bromochloromethane	1.0 U		25	22.9	92	22.7	91	1	78-112/10
75-27-4	Bromodichloromethane	1.0 U		25	24.7	99	22.7	91	8	76-116/10
75-25-2	Bromoform	1.0 U		25	22.0	88	20.8	83	6	68-128/11
104-51-8	n-Butylbenzene	1.0 U		25	25.6	102	24.3	97	5	84-124/10
135-98-8	sec-Butylbenzene	1.0 U		25	25.9	104	24.8	99	4	86-127/10
98-06-6	tert-Butylbenzene	1.0 U		25	26.5	106	25.5	102	4	83-126/10
108-90-7	Chlorobenzene	1.0 U		25	26.2	105	25.5	102	3	87-115/9
75-00-3	Chloroethane	2.0 U		25	24.7	99	22.9	92	8	54-166/20
67-66-3	Chloroform	1.0 U		25	26.2	105	25.2	101	4	85-123/10
95-49-8	o-Chlorotoluene	1.0 U		25	27.5	110	26.2	105	5	84-121/10
106-43-4	p-Chlorotoluene	1.0 U		25	27.0	108	26.2	105	3	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	20.9	84	18.0	72	15*	67-147/12
56-23-5	Carbon tetrachloride	1.0 U		25	27.1	108	23.8	95	13	74-139/13
75-34-3	1,1-Dichloroethane	1.0 U		25	26.9	108	26.2	105	3	82-127/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	26.0	104	23.8	95	9	75-133/13
563-58-6	1,1-Dichloropropene	1.0 U		25	27.1	108	25.1	100	8	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U		25	24.0	96	24.6	98	2	61-118/15
106-93-4	1,2-Dibromoethane	1.0 U		25	25.1	100	25.5	102	2	80-115/10
107-06-2	1,2-Dichloroethane	1.0 U		25	26.4	106	25.4	102	4	76-122/11
78-87-5	1,2-Dichloropropane	1.0 U		25	25.9	104	25.3	101	2	81-120/11
142-28-9	1,3-Dichloropropane	1.0 U		25	25.6	102	25.7	103	0	81-113/11
594-20-7	2,2-Dichloropropane	1.0 U		25	27.2	109	26.1	104	4	77-138/12
124-48-1	Dibromochloromethane	1.0 U		25	23.6	94	22.2	89	6	74-116/11
75-71-8	Dichlorodifluoromethane	2.0 U		25	17.5	70	16.4	66	6	34-158/22
156-59-2	cis-1,2-Dichloroethylene	0.88	I	25	25.5	98	25.0	96	2	81-114/10
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	23.8	95	21.0	84	13*	83-119/10
541-73-1	m-Dichlorobenzene	1.0 U		25	26.0	104	25.2	101	3	86-115/9
95-50-1	o-Dichlorobenzene	1.0 U		25	25.8	103	25.4	102	2	85-115/9
106-46-7	p-Dichlorobenzene	1.0 U		25	25.7	103	25.0	100	3	87-113/10
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	27.2	109	25.7	103	6	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64318-11MS	A002954.D	1	04/13/09	KW	n/a	n/a	VA132
F64318-11MSD	A002955.D	1	04/13/09	KW	n/a	n/a	VA132
F64318-11	A002953.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

CAS No.	Compound	F64318-11 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	25.7	103	23.0	92	11*	87-123/10
100-41-4	Ethylbenzene	1.0 U		25	26.7	107	25.5	102	5	87-118/10
591-78-6	2-Hexanone	10 U		125	116	93	121	97	4	58-125/14
87-68-3	Hexachlorobutadiene	2.0 U		25	26.1	104	25.5	102	2	71-133/12
98-82-8	Isopropylbenzene	1.0 U		25	26.2	105	24.9	100	5	87-131/10
99-87-6	p-Isopropyltoluene	1.0 U		25	25.2	101	24.1	96	4	83-125/9
108-10-1	4-Methyl-2-pentanone	5.0 U		125	130	104	135	108	4	62-125/13
74-83-9	Methyl bromide	2.0 U		25	23.5	94	22.0	88	7	55-151/21
74-87-3	Methyl chloride	2.0 U		25	22.3	89	21.9	88	2	55-173/22
74-95-3	Methylene bromide	2.0 U		25	26.1	104	25.7	103	2	81-116/10
75-09-2	Methylene chloride	5.0 U		25	26.5	106	25.6	102	3	69-125/11
78-93-3	Methyl ethyl ketone	5.0 U		125	105	84	111	89	6	61-127/13
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	25.3	101	24.9	100	2	75-116/10
91-20-3	Naphthalene	5.0 U		25	24.5	98	25.3	101	3	59-125/15
103-65-1	n-Propylbenzene	1.0 U		25	27.6	110	26.2	105	5	86-125/10
100-42-5	Styrene	1.0 U		25	18.3	73*	15.5	62*	17*	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	25.8	103	24.1	96	7	81-119/10
71-55-6	1,1,1-Trichloroethane	1.0 U		25	27.7	111	26.4	106	5	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	25.1	100	25.7	103	2	71-120/11
79-00-5	1,1,2-Trichloroethane	1.0 U		25	25.3	101	25.3	101	0	80-114/11
87-61-6	1,2,3-Trichlorobenzene	1.0 U		25	24.3	97	24.3	97	0	64-126/16
96-18-4	1,2,3-Trichloropropane	2.0 U		25	22.6	90	23.3	93	3	77-115/12
120-82-1	1,2,4-Trichlorobenzene	1.0 U		25	25.1	100	24.7	99	2	68-123/11
95-63-6	1,2,4-Trimethylbenzene	2.0 U		25	24.2	97	22.6	90	7	82-120/10
108-67-8	1,3,5-Trimethylbenzene	2.0 U		25	24.8	99	22.7	91	9	83-123/10
127-18-4	Tetrachloroethylene	1.0 U		25	26.8	107	25.2	101	6	80-131/12
108-88-3	Toluene	1.0 U		25	26.4	106	25.5	102	3	86-116/10
79-01-6	Trichloroethylene	1.0 U		25	25.9	104	24.6	98	5	85-124/10
75-69-4	Trichlorofluoromethane	2.0 U		25	22.8	91	20.6	82	10	66-156/15
75-01-4	Vinyl chloride	1.0 U		25	20.9	84	20.5	82	2	57-153/22
108-05-4	Vinyl Acetate	10 U		125	108	86	105	84	3	38-159/11
	m,p-Xylene	2.0 U		50	55.1	110	51.4	103	7	86-121/10
95-47-6	o-Xylene	1.0 U		25	25.4	102	24.1	96	5	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64318-11MS	A002954.D	1	04/13/09	KW	n/a	n/a	VA132
F64318-11MSD	A002955.D	1	04/13/09	KW	n/a	n/a	VA132
F64318-11	A002953.D	1	04/13/09	KW	n/a	n/a	VA132

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

F64318-1, F64318-2, F64318-3, F64318-4, F64318-5, F64318-6, F64318-7, F64318-11

CAS No.	Surrogate Recoveries	MS	MSD	F64318-11	Limits
1868-53-7	Dibromofluoromethane	101%	99%	101%	87-116%
17060-07-0	1,2-Dichloroethane-D4	107%	104%	107%	76-127%
2037-26-5	Toluene-D8	99%	99%	99%	86-112%
460-00-4	4-Bromofluorobenzene	102%	102%	107%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64519-16MS	A002983.D	1	04/14/09	TD	n/a	n/a	VA134
F64519-16MSD	A002984.D	1	04/14/09	TD	n/a	n/a	VA134
F64519-16 [a]	A002980.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Compound	F64519-16 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	167	134	155	124	7	59-134/14
107-02-8	Acrolein	ND		125	82.9	66	73.3	59	12	33-157/21
107-13-1	Acrylonitrile	ND		125	130	104	133	106	2	62-124/13
71-43-2	Benzene	ND		25	27.2	109	26.2	105	4	83-124/11
108-86-1	Bromobenzene	ND		25	26.0	104	25.4	102	2	83-115/10
74-97-5	Bromochloromethane	ND		25	23.3	93	22.9	92	2	78-112/10
75-27-4	Bromodichloromethane	ND		25	26.4	106	23.3	93	12*	76-116/10
75-25-2	Bromoform	ND		25	26.0	104	23.3	93	11	68-128/11
104-51-8	n-Butylbenzene	ND		25	26.4	106	25.6	102	3	84-124/10
135-98-8	sec-Butylbenzene	ND		25	26.3	105	25.5	102	3	86-127/10
98-06-6	tert-Butylbenzene	ND		25	27.2	109	26.4	106	3	83-126/10
108-90-7	Chlorobenzene	ND		25	26.9	108	25.9	104	4	87-115/9
75-00-3	Chloroethane	ND		25	27.8	111	27.9	112	0	54-166/20
67-66-3	Chloroform	ND		25	27.5	110	26.1	104	5	85-123/10
95-49-8	o-Chlorotoluene	ND		25	27.9	112	27.2	109	3	84-121/10
106-43-4	p-Chlorotoluene	ND		25	27.8	111	27.0	108	3	84-120/10
110-75-8	2-Chloroethyl vinyl ether	ND		125	134	107	132	106	2	63-125/24
75-15-0	Carbon disulfide	ND		25	23.7	95	20.7	83	14*	67-147/12
56-23-5	Carbon tetrachloride	ND		25	29.0	116	25.5	102	13	74-139/13
75-34-3	1,1-Dichloroethane	ND		25	28.5	114	27.2	109	5	82-127/10
75-35-4	1,1-Dichloroethylene	ND		25	28.2	113	27.6	110	2	75-133/13
563-58-6	1,1-Dichloropropene	ND		25	28.4	114	26.6	106	7	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	25.7	103	24.3	97	6	61-118/15
106-93-4	1,2-Dibromoethane	ND		25	25.5	102	25.0	100	2	80-115/10
107-06-2	1,2-Dichloroethane	ND		25	28.4	114	26.7	107	6	76-122/11
78-87-5	1,2-Dichloropropane	ND		25	26.6	106	25.8	103	3	81-120/11
142-28-9	1,3-Dichloropropane	ND		25	26.4	106	26.1	104	1	81-113/11
594-20-7	2,2-Dichloropropane	ND		25	29.5	118	27.9	112	6	77-138/12
124-48-1	Dibromochloromethane	ND		25	26.1	104	23.2	93	12*	74-116/11
75-71-8	Dichlorodifluoromethane	ND		25	32.5	130	30.5	122	6	34-158/22
156-59-2	cis-1,2-Dichloroethylene	ND		25	24.9	100	24.2	97	3	81-114/10
10061-01-5	cis-1,3-Dichloropropene	ND		25	28.5	114	25.3	101	12*	83-119/10
541-73-1	m-Dichlorobenzene	ND		25	26.3	105	25.7	103	2	86-115/9
95-50-1	o-Dichlorobenzene	ND		25	25.9	104	25.8	103	0	85-115/9
106-46-7	p-Dichlorobenzene	ND		25	26.2	105	25.5	102	3	87-113/10
156-60-5	trans-1,2-Dichloroethylene	ND		25	28.5	114	27.1	108	5	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64519-16MS	A002983.D	1	04/14/09	TD	n/a	n/a	VA134
F64519-16MSD	A002984.D	1	04/14/09	TD	n/a	n/a	VA134
F64519-16 [a]	A002980.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Compound	F64519-16 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	ND		25	30.0	120	27.5	110	9	87-123/10
100-41-4	Ethylbenzene	ND		25	27.7	111	26.5	106	4	87-118/10
591-78-6	2-Hexanone	ND		125	145	116	143	114	1	58-125/14
87-68-3	Hexachlorobutadiene	ND		25	26.2	105	25.5	102	3	71-133/12
98-82-8	Isopropylbenzene	ND		25	26.9	108	25.8	103	4	87-131/10
99-87-6	p-Isopropyltoluene	ND		25	26.1	104	25.4	102	3	83-125/9
108-10-1	4-Methyl-2-pentanone	ND		125	134	107	137	110	2	62-125/13
74-83-9	Methyl bromide	ND		25	26.9	108	27.3	109	1	55-151/21
74-87-3	Methyl chloride	ND		25	29.1	116	29.7	119	2	55-173/22
74-95-3	Methylene bromide	ND		25	26.9	108	25.7	103	5	81-116/10
75-09-2	Methylene chloride	1.8	J	25	29.3	110	28.3	106	3	69-125/11
78-93-3	Methyl ethyl ketone	ND		125	153	122	150	120	2	61-127/13
1634-04-4	Methyl Tert Butyl Ether	ND		25	25.7	103	25.6	102	0	75-116/10
91-20-3	Naphthalene	ND		25	25.1	100	25.9	104	3	59-125/15
103-65-1	n-Propylbenzene	ND		25	28.1	112	27.3	109	3	86-125/10
100-42-5	Styrene	ND		25	25.3	101	24.5	98	3	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	26.5	106	24.2	97	9	81-119/10
71-55-6	1,1,1-Trichloroethane	ND		25	29.4	118	27.0	108	9	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	25.6	102	25.9	104	1	71-120/11
79-00-5	1,1,2-Trichloroethane	ND		25	26.1	104	25.7	103	2	80-114/11
87-61-6	1,2,3-Trichlorobenzene	ND		25	24.9	100	24.8	99	0	64-126/16
96-18-4	1,2,3-Trichloropropane	ND		25	23.0	92	23.2	93	1	77-115/12
120-82-1	1,2,4-Trichlorobenzene	ND		25	25.8	103	25.2	101	2	68-123/11
95-63-6	1,2,4-Trimethylbenzene	ND		25	25.7	103	24.8	99	4	82-120/10
108-67-8	1,3,5-Trimethylbenzene	ND		25	25.6	102	25.2	101	2	83-123/10
127-18-4	Tetrachloroethylene	ND		25	27.4	110	26.3	105	4	80-131/12
108-88-3	Toluene	ND		25	27.2	109	26.9	108	1	86-116/10
79-01-6	Trichloroethylene	ND		25	27.2	109	25.5	102	6	85-124/10
75-69-4	Trichlorofluoromethane	ND		25	27.1	108	25.0	100	8	66-156/15
75-01-4	Vinyl chloride	ND		25	24.8	99	25.5	102	3	57-153/22
108-05-4	Vinyl Acetate	ND		125	144	115	141	113	2	38-159/11
	m,p-Xylene	ND		50	57.2	114	54.8	110	4	86-121/10
95-47-6	o-Xylene	ND		25	26.1	104	25.3	101	3	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64519-16MS	A002983.D	1	04/14/09	TD	n/a	n/a	VA134
F64519-16MSD	A002984.D	1	04/14/09	TD	n/a	n/a	VA134
F64519-16 [a]	A002980.D	1	04/14/09	TD	n/a	n/a	VA134

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

F64318-8, F64318-9, F64318-10, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

CAS No.	Surrogate Recoveries	MS	MSD	F64519-16	Limits
1868-53-7	Dibromofluoromethane	103%	100%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	113%	108%	112%	76-127%
2037-26-5	Toluene-D8	99%	100%	100%	86-112%
460-00-4	4-Bromofluorobenzene	101%	102%	106%	84-120%

(a) Sample was not preserved to a pH < 2.

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: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF39-MB	FF00754.D	1	04/07/09	SL	n/a	n/a	GFF39

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

F64318-2, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19

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	

Blank Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF39-BS	FF00755.D	1	04/07/09	SL	n/a	n/a	GFF39

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

F64318-2, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-82-8	Methane	108	106	98	54-149
74-84-0	Ethane	219	207	95	57-143
74-85-1	Ethene	290	262	90	57-143

Matrix Spike Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64318-11MS	FF00772.D	1	04/07/09	SL	n/a	n/a	GFF39
F64318-11	FF00757.D	1	04/07/09	SL	n/a	n/a	GFF39

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

F64318-2, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19

CAS No.	Compound	F64318-11 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
74-82-8	Methane	658		108	698	37* [a]	54-149
74-84-0	Ethane	1.0	U	219	238	109	57-143
74-85-1	Ethene	1.0	U	290	302	104	57-143

(a) Outside control limits due to high level in sample relative to spike amount.

Duplicate Summary

Job Number: F64318
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64318-11DUP	FF00771.D	1	04/07/09	SL	n/a	n/a	GFF39
F64318-11	FF00757.D	1	04/07/09	SL	n/a	n/a	GFF39

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

F64318-2, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19

CAS No.	Compound	F64318-11 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	658		639		3	24
74-84-0	Ethane	1.0 U		ND		nc	23
74-85-1	Ethene	1.0 U		ND		nc	10

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16220
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/10/09

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	11	11		
Antimony	6.0	4.5	4.5		
Arsenic	10	3.6	5.4		
Barium	200	5	5		
Beryllium	4.0	1	1		
Cadmium	5.0	1	1		
Calcium	1000	100	100		
Chromium	10	1.6	2		
Cobalt	50	.83	1		
Copper	25	2.1	5		
Iron	300	23	23	-2.4	<300
Lead	5.0	2	2		
Magnesium	5000	100	100		
Manganese	15	.5	1	-0.11	<15
Molybdenum	50	2.8	5		
Nickel	40	2.3	2.3		
Potassium	10000	100	100		
Selenium	10	3.1	3.4		
Silver	10	1.2	1.4		
Sodium	10000	500	500		
Thallium	10	3.4	3.6		
Tin	50	2.8	2.8		
Vanadium	50	.66	.9		
Zinc	20	3.8	7.4		

Associated samples MP16220: F64318-2, F64318-3, F64318-4, F64318-5, F64318-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16220
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:	04/10/09							04/10/09	
Metal	F64350-1 Original	DUP	RPD	QC Limits	F64350-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	0.00	0.00	NC	0-20	0.00	25800	26000	99.2	80-120
Lead	anr								
Magnesium	anr								
Manganese	7.3	7.8	6.6	0-20	7.3	533	500	105.1	80-120
Molybdenum	anr								
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

Associated samples MP16220: F64318-2, F64318-3, F64318-4, F64318-5, F64318-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16220 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/10/09

Metal	F64350-1 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	0.00	26100	26000	100.4	1.2	20
Lead	anr					
Magnesium	anr					
Manganese	7.3	540	500	106.5	1.3	20
Molybdenum	anr					
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin						
Vanadium	anr					
Zinc	anr					

Associated samples MP16220: F64318-2, F64318-3, F64318-4, F64318-5, F64318-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16220
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/10/09

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	27000	26000	103.8	80-120
Lead	anr			
Magnesium	anr			
Manganese	547	500	109.4	80-120
Molybdenum	anr			
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP16220: F64318-2, F64318-3, F64318-4, F64318-5, F64318-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16220
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/10/09

Metal	F64350-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	0.00	0.00	NC	0-10
Lead	anr			
Magnesium	anr			
Manganese	7.25	6.16	15.0 (a)	0-10
Molybdenum	anr			
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP16220: F64318-2, F64318-3, F64318-4, F64318-5, F64318-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16226
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/10/09

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	11	11		
Antimony	6.0	4.5	4.5		
Arsenic	10	3.6	5.4		
Barium	200	5	5		
Beryllium	4.0	1	1		
Cadmium	5.0	1	1		
Calcium	1000	100	100		
Chromium	10	1.6	2		
Cobalt	50	.83	1		
Copper	25	2.1	5		
Iron	300	23	23	4.6	<300
Lead	5.0	2	2		
Magnesium	5000	100	100		
Manganese	15	.5	1	-0.070	<15
Molybdenum	50	2.8	5		
Nickel	40	2.3	2.3		
Potassium	10000	100	100		
Selenium	10	3.1	3.4		
Silver	10	1.2	1.4		
Sodium	10000	500	500		
Thallium	10	3.4	3.6		
Tin	50	2.8	2.8		
Vanadium	50	.66	.9		
Zinc	20	3.8	7.4		

Associated samples MP16226: F64318-7, F64318-9, F64318-10, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16226 | Methods: SW846 6010B
Matrix Type: AQUEOUS | Units: ug/l

Prep Date:			04/10/09					04/10/09	
Metal	F64318-11 Original	DUP	RPD	QC Limits	F64318-11 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper	anr								
Iron	1450	1390	4.2	0-20	1450	27300	26000	99.4	80-120
Lead	anr								
Magnesium									
Manganese	19.6	17.7	10.2	0-20	19.6	549	500	105.9	80-120
Molybdenum									
Nickel									
Potassium									
Selenium	anr								
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

Associated samples MP16226: F64318-7, F64318-9, F64318-10, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16226 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/10/09

Metal	F64318-11 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper	anr					
Iron	1450	27300	26000	99.4	0.0	20
Lead	anr					
Magnesium						
Manganese	19.6	547	500	105.5	0.4	20
Molybdenum						
Nickel						
Potassium						
Selenium	anr					
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc	anr					

Associated samples MP16226: F64318-7, F64318-9, F64318-10, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16226
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/10/09

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper	anr			
Iron	26100	26000	100.4	80-120
Lead	anr			
Magnesium				
Manganese	533	500	106.6	80-120
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc	anr			

Associated samples MP16226: F64318-7, F64318-9, F64318-10, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16226
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/10/09

Metal	F64318-11 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper	anr			
Iron	1450	1580	9.5	0-10
Lead	anr			
Magnesium				
Manganese	19.6	20.2	3.3	0-10
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc	anr			

Associated samples MP16226: F64318-7, F64318-9, F64318-10, F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-20, F64318-21

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

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: F64318
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
Alkalinity, Total as CaCO3	GN34525	5.0	0.0	mg/l	250	246	98.4	90-113%
Chloride	GP12740/GN34507	2.0	0.0	mg/l	50	47.1	94.2	90-110%
Chloride	GP12741/GN34507	2.0	0.0	mg/l	50	47.2	94.4	90-110%
Fluoride	GP12740/GN34507	0.20	0.0	mg/l	2.5	2.53	101.2	90-110%
Nitrogen, Ammonia	GP12758/GN34574	0.10	0.0	mg/l	2.5	2.65	106.0	90-110%
Nitrogen, Ammonia	GP12760/GN34575	0.10	0.0	mg/l	2.5	2.58	103.2	90-110%
Nitrogen, Nitrate	GP12740/GN34507	0.10	0.0	mg/l	2.5	2.46	98.4	90-110%
Nitrogen, Nitrate	GP12741/GN34507	0.10	0.0	mg/l	2.5	2.46	98.4	90-110%
Nitrogen, Nitrite	GP12740/GN34507	0.10	0.0	mg/l	2.5	2.42	96.8	90-110%
Nitrogen, Nitrite	GP12741/GN34507	0.10	0.0	mg/l	2.5	2.41	96.4	90-110%
Phosphate, Ortho	GP12738/GN34502	0.10	0.0	mg/l	.300	0.29	96.5	83-116%
Sulfate	GP12740/GN34507	2.0	0.0	mg/l	50	46.8	93.6	90-110%
Sulfate	GP12741/GN34507	2.0	0.0	mg/l	50	46.4	92.8	90-110%
Total Organic Carbon	GP12756/GN34578	1.0	0.0	mg/l	15	15.6	104.0	90-110%
Total Organic Carbon	GP12761/GN34581	1.0	0.0	mg/l	15	15.4	102.7	90-110%

Associated Samples:
Batch GN34525: F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-2
Batch GP12738: F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-2
Batch GP12740: F64318-11, F64318-12, F64318-13, F64318-2
Batch GP12741: F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
Batch GP12756: F64318-11, F64318-12, F64318-13, F64318-14, F64318-2
Batch GP12758: F64318-11, F64318-2
Batch GP12760: F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
Batch GP12761: F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN34525	F64254-31	mg/l	208	210	1.0	0-20%
Chloride	GP12740/GN34507	T26323-13	mg/l	10.3	10.2	1.0	0-20%
Chloride	GP12741/GN34507	F64318-19	mg/l	47.8	47.8	0.0	0-20%
Fluoride	GP12740/GN34507	T26323-13	mg/l	0.17 B	0.16	6.1	0-20%
Nitrogen, Ammonia	GP12758/GN34574	F64207-5	mg/l	4.8	4.9	2.1	0-20%
Nitrogen, Ammonia	GP12760/GN34575	F64318-12	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrate	GP12740/GN34507	T26323-13	mg/l	0.22	0.22	0.0	0-20%
Nitrogen, Nitrate	GP12741/GN34507	F64318-19	mg/l	0.11	0.12	8.7	0-20%
Nitrogen, Nitrite	GP12740/GN34507	T26323-13	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrite	GP12741/GN34507	F64318-19	mg/l	0.050 U	0.0	0.0	0-20%
Phosphate, Ortho	GP12738/GN34502	F64318-12	mg/l	0.020 U	0.0	41.0(a)	0-26%
Sulfate	GP12740/GN34507	T26323-13	mg/l	11.4	11.4	0.0	0-20%
Sulfate	GP12741/GN34507	F64318-19	mg/l	19.3	19.3	0.0	0-20%
Total Organic Carbon	GP12756/GN34578	F64196-9	mg/l	0.59 B	0.59	0.0	0-20%
Total Organic Carbon	GP12761/GN34581	F64318-15	mg/l	43.9	43.7	0.5	0-20%

Associated Samples:
Batch GN34525: F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-2
Batch GP12738: F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-2
Batch GP12740: F64318-11, F64318-12, F64318-13, F64318-2
Batch GP12741: F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
Batch GP12756: F64318-11, F64318-12, F64318-13, F64318-14, F64318-2
Batch GP12758: F64318-11, F64318-2
Batch GP12760: F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
Batch GP12761: F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
(*) Outside of QC limits
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F64318
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
Alkalinity, Total as CaCO3	GN34525	F64254-31	mg/l	208	250	430	88.8*(a)	90-113%
Alkalinity, Total as CaCO3	GN34525	F64254-31	mg/l	208	250	435	90.8	90-113%
Chloride	GP12740/GN34507	T26323-13	mg/l	10.3	50	58.2	95.8	90-110%
Chloride	GP12741/GN34507	F64318-19	mg/l	47.8	50	93.1	90.6	90-110%
Fluoride	GP12740/GN34507	T26323-13	mg/l	0.17 B	2.5	1.6	57.2N(a)	90-110%
Nitrogen, Ammonia	GP12758/GN34574	F64207-5	mg/l	4.8	2.5	7.5	108.0	90-110%
Nitrogen, Ammonia	GP12760/GN34575	F64318-12	mg/l	0.050 U	2.5	2.6	104.0	90-110%
Nitrogen, Nitrate	GP12740/GN34507	T26323-13	mg/l	0.22	2.5	2.7	99.2	90-110%
Nitrogen, Nitrate	GP12741/GN34507	F64318-19	mg/l	0.11	2.5	2.6	99.6	90-110%
Nitrogen, Nitrite	GP12740/GN34507	T26323-13	mg/l	0.050 U	2.5	2.1	84.0N(a)	90-110%
Nitrogen, Nitrite	GP12741/GN34507	F64318-19	mg/l	0.050 U	2.5	2.1	84.0N(a)	90-110%
Phosphate, Ortho	GP12738/GN34502	F64318-12	mg/l	0.020 U	.300	0.31	100.0	83-116%
Sulfate	GP12740/GN34507	T26323-13	mg/l	11.4	50	54.1	85.4N(a)	90-110%
Sulfate	GP12741/GN34507	F64318-19	mg/l	19.3	50	62.2	85.8N(a)	90-110%
Total Organic Carbon	GP12756/GN34578	F64196-9	mg/l	0.59 B	15	16.5	106.1	90-110%
Total Organic Carbon	GP12761/GN34581	F64318-15	mg/l	43.9	15	52.5	57.3N(a)	90-110%

Associated Samples:
Batch GN34525: F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-2
Batch GP12738: F64318-11, F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19, F64318-2
Batch GP12740: F64318-11, F64318-12, F64318-13, F64318-2
Batch GP12741: F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
Batch GP12756: F64318-11, F64318-12, F64318-13, F64318-14, F64318-2
Batch GP12758: F64318-11, F64318-2
Batch GP12760: F64318-12, F64318-13, F64318-14, F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
Batch GP12761: F64318-15, F64318-16, F64318-17, F64318-18, F64318-19
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F64318
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Nitrogen, Ammonia	GP12758/GN34574	F64207-5	mg/l	4.8	2.5	7.7	2.6N(a)	20%

Associated Samples:
Batch GP12758: F64318-11, F64318-2
(*) 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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Laboratory Results

Total pages in data package: 13

Lab Sample #	Client Sample ID
P0904065-01	F64318-2
P0904065-02	F64318-11
P0904065-03	F64318-12
P0904065-04	F64318-13
P0904065-05	F64318-15
P0904065-06	F64318-16
P0904065-07	F64318-17
P0904065-08	F64318-18
P0904065-09	F64318-19

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:*** 4-16-09

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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-2	Vapor	P0904065-01	30 Mar. 09 13:30	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		140.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		8.000	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		4.00	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-11	Vapor	P0904065-02	31 Mar. 09 11:25	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		450.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		3.400	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		15.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		3.80	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-12	Vapor	P0904065-03	31 Mar. 09 13:05	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		90.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		1.200	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		4.50	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-13	Vapor	P0904065-04	31 Mar. 09 10:00	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		93.00	10.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		1.400	1.200	nM	AM20GAX	4/13/09	sl
N Nitrogen		17.00	0.80	mg/L	AM20GAX	4/13/09	sl
N Oxygen		5.50	0.30	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-15	Vapor	P0904065-05	31 Mar. 09 13:30	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		250.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		1.100	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		15.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		4.30	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-16	Vapor	P0904065-06	31 Mar. 09 15:30	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		320.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		1.100	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		14.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		4.40	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-17	Vapor	P0904065-07	31 Mar. 09 17:00	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		170.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		7.700	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		16.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		5.40	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-18	Vapor	P0904065-08	31 Mar. 09 15:30	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		410.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		1.300	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		15.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		3.10	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64318-19	Vapor	P0904065-09	31 Mar. 09 16:35	06 Apr. 09 8:29

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		250.00	5.00	mg/L	AM20GAX	4/13/09	sl
N Hydrogen		1.300	0.600	nM	AM20GAX	4/13/09	sl
N Nitrogen		16.00	0.40	mg/L	AM20GAX	4/13/09	sl
N Oxygen		4.80	0.15	mg/L	AM20GAX	4/13/09	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 #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

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

M090413013-MB

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

M090413013-LCS

	Result		TrueSpikeConc.	%Recovery	Ctl Limits
Hydrogen	9.700	nM	9.78	99.00	75 - 125

M090413013-LCSD

	Result		TrueSpikeConc.	%Recovery	Ctl Limits	RPD	RPD Ctl Limits
Hydrogen	9.800	nM	9.78	100.00	75 - 125	1.03	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

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

Lab Proj #: P0904065
Report Date: 04/16/09
Client Proj Name: F64318
Client Proj #: F64318

Prep Method: Permanent Gases by Bubble Strip

Analysis Method: Permanent Gases by Bubble Strip

M090413015-MB

	Result		TrueSpikeConc.	RDL	%Recovery	Ctl Limits
Carbon dioxide	< 5.00	mg/L		5.00		- NA
Oxygen	< 0.15	mg/L		0.15		- NA
Nitrogen	< 0.40	mg/L		0.40		- NA

M090413015-LCS

	Result		TrueSpikeConc.	%Recovery	Ctl Limits
Carbon dioxide	34.00	mg/L	36.53	93.00	75 - 125
Oxygen	0.42	mg/L	0.40	106.00	75 - 125

M090413015-LCSD

	Result		TrueSpikeConc.	%Recovery	Ctl Limits	RPD	RPD Ctl Limits
Carbon dioxide	34.00	mg/L	36.53	93.00	75 - 125	0.00	0 - 20
Oxygen	0.40	mg/L	0.40	101.00	75 - 125	4.88	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

P0404065

PAGE 1 OF 1

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: F64318
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	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH-ZnAc	DI WATER	MEOH	1,2,3,4	5	6	7,8					LAB USE ONLY
1	F64318 - 2	3-30	1330		Air	1		X								X	X	X	X					
2	- 11	3-31	1125																					
3	- 12		1305																					
4	- 13		1000																					
5	- 15		1330																					
6	- 16		1530																					
7	- 17		1700																					
8	- 18		1530																					
9	- 19		1635																					

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 04-15-09

Data Deliverable Information

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

Comments / Remarks

Ship to Laboratory-Microseps
Approved By-

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
Accutest	4-2-09 17:10	2 7964 8539 0013	3	4/2/09	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: _____

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/14/09

Technical Report for

BFA Environmental Consultants

NTC Orlando, Orlando, FL

2008-10

Accutest Job Number: F64242

Sampling Dates: 03/26/09 - 03/27/09

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: **138**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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

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

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

Note: This report is password protected to disallow document modification or assembly.
A password to unlock this report is available from your client service representative.

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Sample Results **5**
2.1: F64242-1: OLD-OU2-12B 6
2.2: F64242-2: OLD-OU2-18B 9
2.3: F64242-3: OLD-OU2-DP01A 15
2.4: F64242-4: OLD-OU2-DP02A 18
2.5: F64242-5: OLD-OU2-SW32 24
2.6: F64242-6: OLD-OU2-SW33 28
2.7: F64242-7: OLD-OU2-SW34 32
2.8: F64242-8: OLD-OU2-SW35 36
2.9: F64242-9: OLD-OU2-DUPE 40
2.10: F64242-10: OLD-OU2-32A 44
2.11: F64242-11: OLD-OU2-32B 50
2.12: F64242-12: OLD-OU2-33B 56
2.13: F64242-13: OLD-OU2-33A 62
2.14: F64242-14: OLD-OU2-31A 68
2.15: F64242-15: OLD-OU2-31B 74
2.16: F64242-16: OLD-OU2-28B 80
2.17: F64242-17: OLD-OU2-27B 83
2.18: F64242-18: OLD-OU2-27A 89
Section 3: Misc. Forms **95**
3.1: Chain of Custody 96
Section 4: GC/MS Volatiles - QC Data Summaries **99**
4.1: Method Blank Summary 100
4.2: Blank Spike Summary 106
4.3: Matrix Spike/Matrix Spike Duplicate Summary 112
Section 5: GC Volatiles - QC Data Summaries **118**
5.1: Method Blank Summary 119
5.2: Blank Spike Summary 120
5.3: Matrix Spike Summary 121
5.4: Duplicate Summary 122
Section 6: Metals Analysis - QC Data Summaries **123**
6.1: Prep QC MP16207: Fe,Mn 124
6.2: Prep QC MP16219: Fe,Mn 129
Section 7: General Chemistry - QC Data Summaries **134**
7.1: Method Blank and Spike Results Summary 135
7.2: Duplicate Results Summary 136
7.3: Matrix Spike Results Summary 137
7.4: Matrix Spike Duplicate Results Summary 138

Accutest Laboratories

Sample Summary

BFA Environmental Consultants

Job No: F64242

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F64242-1	03/26/09	11:40	DM	03/28/09	AQ	Ground Water	OLD-OU2-12B
F64242-2	03/26/09	14:50	DM	03/28/09	AQ	Ground Water	OLD-OU2-18B
F64242-3	03/26/09	12:40	DM	03/28/09	AQ	Ground Water	OLD-OU2-DP01A
F64242-4	03/26/09	16:25	DM	03/28/09	AQ	Ground Water	OLD-OU2-DP02A
F64242-5	03/26/09	10:40	DM	03/28/09	AQ	Surface Water	OLD-OU2-SW32
F64242-6	03/26/09	12:00	DM	03/28/09	AQ	Surface Water	OLD-OU2-SW33
F64242-7	03/26/09	12:55	DM	03/28/09	AQ	Surface Water	OLD-OU2-SW34
F64242-8	03/26/09	13:25	DM	03/28/09	AQ	Surface Water	OLD-OU2-SW35
F64242-9	03/26/09	12:55	DM	03/28/09	AQ	Surface Water	OLD-OU2-DUPE
F64242-10	03/26/09	12:15	DM	03/28/09	AQ	Ground Water	OLD-OU2-32A
F64242-11	03/26/09	13:45	DM	03/28/09	AQ	Ground Water	OLD-OU2-32B
F64242-12	03/27/09	10:00	DM	03/28/09	AQ	Ground Water	OLD-OU2-33B
F64242-13	03/27/09	11:30	DM	03/28/09	AQ	Ground Water	OLD-OU2-33A

Accutest Laboratories

Sample Summary
(continued)

BFA Environmental Consultants

Job No: F64242

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F64242-14	03/27/09	12:55	DM	03/28/09	AQ	Ground Water	OLD-OU2-31A
F64242-15	03/27/09	14:05	DM	03/28/09	AQ	Ground Water	OLD-OU2-31B
F64242-16	03/27/09	11:45	DM	03/28/09	AQ	Ground Water	OLD-OU2-28B
F64242-17	03/27/09	12:30	DM	03/28/09	AQ	Ground Water	OLD-OU2-27B
F64242-18	03/27/09	14:00	DM	03/28/09	AQ	Ground Water	OLD-OU2-27A

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	OLD-OU2-12B		
Lab Sample ID:	F64242-1	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062207.D	1	04/08/09	AJ	n/a	n/a	VC2510
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	0.35	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-OU2-12B		
Lab Sample ID:	F64242-1	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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-OU2-12B		
Lab Sample ID:	F64242-1	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	110%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	94%		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-OU2-18B		
Lab Sample ID:	F64242-2	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062229.D	20	04/08/09	AJ	n/a	n/a	VC2510
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	200 U	500	200	ug/l	
107-02-8	Acrolein	100 U	400	100	ug/l	
107-13-1	Acrylonitrile	40 U	200	40	ug/l	
71-43-2	Benzene	8.0 U	20	8.0	ug/l	
108-86-1	Bromobenzene	5.2 U	20	5.2	ug/l	
74-97-5	Bromochloromethane	4.6 U	20	4.6	ug/l	
75-27-4	Bromodichloromethane	4.0 U	20	4.0	ug/l	
75-25-2	Bromoform	6.6 U	20	6.6	ug/l	
104-51-8	n-Butylbenzene	5.6 U	20	5.6	ug/l	
135-98-8	sec-Butylbenzene	5.0 U	20	5.0	ug/l	
98-06-6	tert-Butylbenzene	6.4 U	20	6.4	ug/l	
108-90-7	Chlorobenzene	4.4 U	20	4.4	ug/l	
75-00-3	Chloroethane	9.6 U	40	9.6	ug/l	
67-66-3	Chloroform	5.6 U	20	5.6	ug/l	
95-49-8	o-Chlorotoluene	5.0 U	20	5.0	ug/l	
106-43-4	p-Chlorotoluene	4.2 U	20	4.2	ug/l	
110-75-8	2-Chloroethyl vinyl ether	20 U	100	20	ug/l	
75-15-0	Carbon disulfide	8.0 U	40	8.0	ug/l	
56-23-5	Carbon tetrachloride	4.4 U	20	4.4	ug/l	
75-34-3	1,1-Dichloroethane	4.8 U	20	4.8	ug/l	
75-35-4	1,1-Dichloroethylene	11 U	20	11	ug/l	
563-58-6	1,1-Dichloropropene	4.6 U	20	4.6	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	6.4 U	40	6.4	ug/l	
106-93-4	1,2-Dibromoethane	5.6 U	20	5.6	ug/l	
107-06-2	1,2-Dichloroethane	6.8 U	20	6.8	ug/l	
78-87-5	1,2-Dichloropropane	4.2 U	20	4.2	ug/l	
142-28-9	1,3-Dichloropropane	5.2 U	20	5.2	ug/l	
594-20-7	2,2-Dichloropropane	5.6 U	20	5.6	ug/l	
124-48-1	Dibromochloromethane	4.0 U	20	4.0	ug/l	
75-71-8	Dichlorodifluoromethane	20 U	40	20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1640	20	4.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	4.2 U	20	4.2	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-OU2-18B		
Lab Sample ID:	F64242-2	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	4.6 U	20	4.6	ug/l	
95-50-1	o-Dichlorobenzene	4.0 U	20	4.0	ug/l	
106-46-7	p-Dichlorobenzene	4.4 U	20	4.4	ug/l	
156-60-5	trans-1,2-Dichloroethylene	9.0 U	20	9.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	4.2 U	20	4.2	ug/l	
100-41-4	Ethylbenzene	8.6 U	20	8.6	ug/l	
591-78-6	2-Hexanone	100 U	200	100	ug/l	
87-68-3	Hexachlorobutadiene	14 U	40	14	ug/l	
98-82-8	Isopropylbenzene	4.0 U	20	4.0	ug/l	
99-87-6	p-Isopropyltoluene	6.4 U	20	6.4	ug/l	
108-10-1	4-Methyl-2-pentanone	40 U	100	40	ug/l	
74-83-9	Methyl bromide	16 U	40	16	ug/l	
74-87-3	Methyl chloride	12 U	40	12	ug/l	
74-95-3	Methylene bromide	6.0 U	40	6.0	ug/l	
75-09-2	Methylene chloride [a]	39.7	100	20	ug/l	I
78-93-3	Methyl ethyl ketone	40 U	100	40	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.2 U	20	5.2	ug/l	
91-20-3	Naphthalene	20 U	100	20	ug/l	
103-65-1	n-Propylbenzene	5.0 U	20	5.0	ug/l	
100-42-5	Styrene	7.2 U	20	7.2	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	4.0 U	20	4.0	ug/l	
71-55-6	1,1,1-Trichloroethane	6.6 U	20	6.6	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	4.2 U	20	4.2	ug/l	
79-00-5	1,1,2-Trichloroethane	5.2 U	20	5.2	ug/l	
87-61-6	1,2,3-Trichlorobenzene	10 U	20	10	ug/l	
96-18-4	1,2,3-Trichloropropane	6.8 U	40	6.8	ug/l	
120-82-1	1,2,4-Trichlorobenzene	10 U	20	10	ug/l	
95-63-6	1,2,4-Trimethylbenzene	4.4 U	40	4.4	ug/l	
108-67-8	1,3,5-Trimethylbenzene	4.0 U	40	4.0	ug/l	
127-18-4	Tetrachloroethylene	4.4 U	20	4.4	ug/l	
108-88-3	Toluene	7.0 U	20	7.0	ug/l	
79-01-6	Trichloroethylene	6.4 U	20	6.4	ug/l	
75-69-4	Trichlorofluoromethane	10 U	40	10	ug/l	
75-01-4	Vinyl chloride	48.1	20	6.0	ug/l	
108-05-4	Vinyl Acetate	72 U	200	72	ug/l	
	m,p-Xylene	16 U	40	16	ug/l	
95-47-6	o-Xylene	7.4 U	20	7.4	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-OU2-18B		
Lab Sample ID:	F64242-2	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	111%		87-116%
17060-07-0	1,2-Dichloroethane-D4	100%		76-127%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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-OU2-18B		
Lab Sample ID:	F64242-2	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00680.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2	FF00686.D	5	04/03/09	SL	n/a	n/a	GFF36

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	2650 [a]	2.5	0.80	ug/l	
74-84-0	Ethane	0.62	1.0	0.32	ug/l	
74-85-1	Ethene	6.52	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-OU2-18B		
Lab Sample ID:	F64242-2	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2650	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	19.4	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-18B		
Lab Sample ID:	F64242-2	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	30.8	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	13.8	2.0	1.0	mg/l	1	03/28/09 18:40	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 13:53	SD	EPA 350.1
Nitrogen, Nitrate [a]	0.050 U	0.10	0.050	mg/l	1	03/28/09 18:40	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.080 I	0.10	0.050	mg/l	1	03/28/09 11:25	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.18	0.10	0.020	mg/l	1	03/28/09 10:15	LE	EPA 365.3
Sulfate	1.0 U	2.0	1.0	mg/l	1	03/28/09 18:40	CC	EPA 300/SW846 9056
Total Organic Carbon	84.1	1.0	0.50	mg/l	1	04/02/09 01:16	AJC	SM19 5310B/SW 9060A

(a) Sample was prepped within 48 hours of collection, but re-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-OU2-DP01A		
Lab Sample ID:	F64242-3	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062209.D	1	04/08/09	AJ	n/a	n/a	VC2510
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-OU2-DP01A		
Lab Sample ID:	F64242-3	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	0.32	1.0	0.30	ug/l	I
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-OU2-DP01A		
Lab Sample ID:	F64242-3	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	108%		87-116%
17060-07-0	1,2-Dichloroethane-D4	96%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	89%		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-OU2-DP02A		
Lab Sample ID:	F64242-4	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062210.D	1	04/08/09	AJ	n/a	n/a	VC2510
Run #2	B059431.D	5	04/09/09	AJ	n/a	n/a	VB2489

	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	1.3	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	218 [a]	5.0	1.0	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-OU2-DP02A		
Lab Sample ID:	F64242-4	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	1.3	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	35.1	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	3.7	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-OU2-DP02A		
Lab Sample ID:	F64242-4	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	106%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	95%	100%	76-127%
2037-26-5	Toluene-D8	91%	100%	86-112%
460-00-4	4-Bromofluorobenzene	92%	114%	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-OU2-DP02A		
Lab Sample ID:	F64242-4	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00681.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	429	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-OU2-DP02A		
Lab Sample ID:	F64242-4	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1950	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	1.9 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-DP02A		
Lab Sample ID:	F64242-4	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	43.9	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	23.5	2.0	1.0	mg/l	1	03/28/09 18:59	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 13:54	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	03/28/09 12:20	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 12:20	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.038 I	0.10	0.020	mg/l	1	03/28/09 10:15	LE	EPA 365.3
Sulfate	14.7	2.0	1.0	mg/l	1	03/28/09 18:59	CC	EPA 300/SW846 9056
Total Organic Carbon	4.7	1.0	0.50	mg/l	1	04/02/09 01:41	AJC	SM19 5310B/SW 9060A

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-OU2-SW32		
Lab Sample ID:	F64242-5	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	C062211.D	1	04/08/09	AJ	n/a	n/a	VC2510
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	0.82	1.0	0.22	ug/l	I
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-OU2-SW32		
Lab Sample ID:	F64242-5	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	0.58	1.0	0.22	ug/l	I
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	4.2	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-OU2-SW32		
Lab Sample ID:	F64242-5	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	110%		87-116%
17060-07-0	1,2-Dichloroethane-D4	96%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	91%		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-OU2-SW32		
Lab Sample ID:	F64242-5	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	14700	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-SW33		
Lab Sample ID:	F64242-6	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	C062212.D	1	04/08/09	AJ	n/a	n/a	VC2510
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 [a]	11.5	25	10	ug/l	I
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-OU2-SW33		
Lab Sample ID:	F64242-6	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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-OU2-SW33		
Lab Sample ID:	F64242-6	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	107%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	90%		86-112%
460-00-4	4-Bromofluorobenzene	91%		84-120%

(a) Associated BS recovery outside control limits.

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-OU2-SW33		
Lab Sample ID:	F64242-6	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1850	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-SW34		
Lab Sample ID:	F64242-7	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	C062213.D	1	04/08/09	AJ	n/a	n/a	VC2510
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 [a]	11.3	25	10	ug/l	I
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-OU2-SW34		
Lab Sample ID:	F64242-7	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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-OU2-SW34		
Lab Sample ID:	F64242-7	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	108%		87-116%
17060-07-0	1,2-Dichloroethane-D4	99%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	92%		84-120%

(a) Associated BS recovery outside control limits.

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-OU2-SW34		
Lab Sample ID:	F64242-7	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	20400	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-SW35		
Lab Sample ID:	F64242-8	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	B059436.D	1	04/09/09	AJ	n/a	n/a	VB2489
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-OU2-SW35		
Lab Sample ID:	F64242-8	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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-OU2-SW35		
Lab Sample ID:	F64242-8	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	100%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	113%		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-OU2-SW35		
Lab Sample ID:	F64242-8	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2940	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-DUPE		
Lab Sample ID:	F64242-9	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	C062214.D	1	04/08/09	AJ	n/a	n/a	VC2510
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 [a]	10.9	25	10	ug/l	I
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-OU2-DUPE		
Lab Sample ID:	F64242-9	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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-OU2-DUPE		
Lab Sample ID:	F64242-9	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
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	109%		87-116%
17060-07-0	1,2-Dichloroethane-D4	99%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	90%		84-120%

(a) Associated BS recovery outside control limits.

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-OU2-DUPE		
Lab Sample ID:	F64242-9	**Date Sampled:**	03/26/09
Matrix:	AQ - Surface Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	32700	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-32A		
Lab Sample ID:	F64242-10	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062220.D	1	04/08/09	AJ	n/a	n/a	VC2510
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-OU2-32A		
Lab Sample ID:	F64242-10	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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-OU2-32A		
Lab Sample ID:	F64242-10	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	109%		87-116%
17060-07-0	1,2-Dichloroethane-D4	97%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	90%		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-OU2-32A		
Lab Sample ID:	F64242-10	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00682.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	214	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-OU2-32A		
Lab Sample ID:	F64242-10	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	289 I	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	2.5 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-32A		
Lab Sample ID:	F64242-10	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	3.4 I	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	5.0	2.0	1.0	mg/l	1	03/28/09 13:17	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 13:55	SD	EPA 350.1
Nitrogen, Nitrate [a]	0.12	0.10	0.050	mg/l	1	03/28/09 13:17	CC	EPA 300/SW846 9056
Nitrogen, Nitrite [a]	0.050 U	0.10	0.050	mg/l	1	03/28/09 13:17	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.020 U	0.10	0.020	mg/l	1	03/28/09 10:15	LE	EPA 365.3
Sulfate	7.1	2.0	1.0	mg/l	1	03/28/09 13:17	CC	EPA 300/SW846 9056
Total Organic Carbon	18.8	1.0	0.50	mg/l	1	04/02/09 01:56	AJC	SM19 5310B/SW 9060A

(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-OU2-32B		
Lab Sample ID:	F64242-11	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062221.D	1	04/08/09	AJ	n/a	n/a	VC2510
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-OU2-32B		
Lab Sample ID:	F64242-11	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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-OU2-32B		
Lab Sample ID:	F64242-11	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	111%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	89%		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-OU2-32B		
Lab Sample ID:	F64242-11	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00683.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	339	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-OU2-32B		
Lab Sample ID:	F64242-11	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	921	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	7.2 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-32B		
Lab Sample ID:	F64242-11	**Date Sampled:**	03/26/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	10.3	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	9.3	2.0	1.0	mg/l	1	03/28/09 13:36	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 13:56	SD	EPA 350.1
Nitrogen, Nitrate	0.11	0.10	0.050	mg/l	1	03/28/09 13:36	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 13:36	CC	EPA 300/SW846 9056
Phosphate, Ortho	3.3	2.5	0.50	mg/l	25	03/28/09 10:15	LE	EPA 365.3
Sulfate	1.5 I	2.0	1.0	mg/l	1	03/28/09 13:36	CC	EPA 300/SW846 9056
Total Organic Carbon	4.7	1.0	0.50	mg/l	1	04/02/09 03:26	AJC	SM19 5310B/SW 9060A

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-OU2-33B		
Lab Sample ID:	F64242-12	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062222.D	1	04/08/09	AJ	n/a	n/a	VC2510
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	5.3	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	1.1	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-OU2-33B		
Lab Sample ID:	F64242-12	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	0.69	1.0	0.22	ug/l	I
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	16.5	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-OU2-33B		
Lab Sample ID:	F64242-12	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	108%		87-116%
17060-07-0	1,2-Dichloroethane-D4	98%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	92%		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-OU2-33B		
Lab Sample ID:	F64242-12	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00684.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	314	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-OU2-33B		
Lab Sample ID:	F64242-12	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1810	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	12.1 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-33B		
Lab Sample ID:	F64242-12	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	2.5 I	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	13.4	2.0	1.0	mg/l	1	03/28/09 13:55	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.051 I	0.10	0.050	mg/l	1	04/06/09 13:57	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	03/28/09 13:55	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 13:55	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.66	0.50	0.10	mg/l	5	03/28/09 10:15	LE	EPA 365.3
Sulfate	22.5	2.0	1.0	mg/l	1	03/28/09 13:55	CC	EPA 300/SW846 9056
Total Organic Carbon	5.5	1.0	0.50	mg/l	1	04/02/09 04:27	AJC	SM19 5310B/SW 9060A

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-OU2-33A		
Lab Sample ID:	F64242-13	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062223.D	1	04/08/09	AJ	n/a	n/a	VC2510
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-OU2-33A		
Lab Sample ID:	F64242-13	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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-OU2-33A		
Lab Sample ID:	F64242-13	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	109%		87-116%
17060-07-0	1,2-Dichloroethane-D4	99%		76-127%
2037-26-5	Toluene-D8	92%		86-112%
460-00-4	4-Bromofluorobenzene	92%		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-OU2-33A		
Lab Sample ID:	F64242-13	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00685.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	560	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-OU2-33A		
Lab Sample ID:	F64242-13	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	2160	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	10.0 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-33A		
Lab Sample ID:	F64242-13	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	2.5 U	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	16.6	2.0	1.0	mg/l	1	03/28/09 14:14	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 13:58	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	03/28/09 14:14	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 14:14	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.020 U	0.10	0.020	mg/l	1	03/28/09 10:15	LE	EPA 365.3
Sulfate	7.5	2.0	1.0	mg/l	1	03/28/09 14:14	CC	EPA 300/SW846 9056
Total Organic Carbon	9.0	1.0	0.50	mg/l	1	04/02/09 04:42	AJC	SM19 5310B/SW 9060A

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-OU2-31A		
Lab Sample ID:	F64242-14	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062224.D	1	04/08/09	AJ	n/a	n/a	VC2510
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
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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-OU2-31A		
Lab Sample ID:	F64242-14	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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-OU2-31A		
Lab Sample ID:	F64242-14	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	111%		87-116%
17060-07-0	1,2-Dichloroethane-D4	99%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	90%		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-OU2-31A		
Lab Sample ID:	F64242-14	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00689.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	5.97	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-OU2-31A		
Lab Sample ID:	F64242-14	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	382	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	3.7 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-31A		
Lab Sample ID:	F64242-14	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	2.5 U	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	4.5	2.0	1.0	mg/l	1	03/28/09 14:33	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 13:59	SD	EPA 350.1
Nitrogen, Nitrate	0.10	0.10	0.050	mg/l	1	03/28/09 14:33	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 14:33	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.046 I	0.10	0.020	mg/l	1	03/28/09 10:15	LE	EPA 365.3
Sulfate	4.9	2.0	1.0	mg/l	1	03/28/09 14:33	CC	EPA 300/SW846 9056
Total Organic Carbon	3.0	1.0	0.50	mg/l	1	04/02/09 04:57	AJC	SM19 5310B/SW 9060A

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-OU2-31B		
Lab Sample ID:	F64242-15	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062225.D	1	04/08/09	AJ	n/a	n/a	VC2510
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	27.3	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	39.7	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	2.7	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-OU2-31B		
Lab Sample ID:	F64242-15	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	5.5	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	2.6	1.0	0.22	ug/l	
108-88-3	Toluene	0.35 U	1.0	0.35	ug/l	
79-01-6	Trichloroethylene	1.4	1.0	0.32	ug/l	
75-69-4	Trichlorofluoromethane	0.50 U	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	4.2	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-OU2-31B		
Lab Sample ID:	F64242-15	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	111%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	89%		86-112%
460-00-4	4-Bromofluorobenzene	89%		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-OU2-31B		
Lab Sample ID:	F64242-15	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00690.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2	FF00695.D	5	04/03/09	SL	n/a	n/a	GFF36

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	2590 [a]	2.5	0.80	ug/l	
74-84-0	Ethane	1.1	1.0	0.32	ug/l	
74-85-1	Ethene	0.59	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-OU2-31B		
Lab Sample ID:	F64242-15	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1830	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	6.5 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-31B		
Lab Sample ID:	F64242-15	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	3.3 I	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	22.7	2.0	1.0	mg/l	1	03/28/09 14:52	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	0.050 U	0.10	0.050	mg/l	1	04/06/09 14:00	SD	EPA 350.1
Nitrogen, Nitrate	0.10	0.10	0.050	mg/l	1	03/28/09 14:52	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 14:52	CC	EPA 300/SW846 9056
Phosphate, Ortho	2.6	2.5	0.50	mg/l	25	03/28/09 10:15	LE	EPA 365.3
Sulfate	11.8	2.0	1.0	mg/l	1	03/28/09 14:52	CC	EPA 300/SW846 9056
Total Organic Carbon	9.7	1.0	0.50	mg/l	1	04/02/09 05:12	AJC	SM19 5310B/SW 9060A

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-OU2-28B		
Lab Sample ID:	F64242-16	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062226.D	1	04/08/09	AJ	n/a	n/a	VC2510
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	0.83	1.0	0.22	ug/l	I
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-OU2-28B		
Lab Sample ID:	F64242-16	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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-OU2-28B		
Lab Sample ID:	F64242-16	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	111%		87-116%
17060-07-0	1,2-Dichloroethane-D4	100%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	90%		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-OU2-27B		
Lab Sample ID:	F64242-17	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062227.D	1	04/08/09	AJ	n/a	n/a	VC2510
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	7.4	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	25.8	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	1.0	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-OU2-27B		
Lab Sample ID:	F64242-17	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	6.4	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	0.24	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	0.26 U	1.0	0.26	ug/l	
91-20-3	Naphthalene	4.1	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	0.32 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-OU2-27B		
Lab Sample ID:	F64242-17	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	110%		87-116%
17060-07-0	1,2-Dichloroethane-D4	100%		76-127%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	91%		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-OU2-27B		
Lab Sample ID:	F64242-17	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00691.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2	FF00696.D	2.5	04/03/09	SL	n/a	n/a	GFF36

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	1990 [a]	1.3	0.40	ug/l	
74-84-0	Ethane	0.35	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-OU2-27B		
Lab Sample ID:	F64242-17	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	888	300	23	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	5.0 I	15	1.0	ug/l	1	04/08/09	04/08/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7153
(2) Prep QC Batch: MP16207

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-OU2-27B		
Lab Sample ID:	F64242-17	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	5.5	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	30.1	2.0	1.0	mg/l	1	03/28/09 15:11	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	1.2	0.10	0.050	mg/l	1	04/06/09 14:02	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	03/28/09 15:11	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 15:11	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.52	0.50	0.10	mg/l	5	03/28/09 10:15	LE	EPA 365.3
Sulfate	7.6	2.0	1.0	mg/l	1	03/28/09 15:11	CC	EPA 300/SW846 9056
Total Organic Carbon	14.3	1.0	0.50	mg/l	1	04/02/09 05:28	AJC	SM19 5310B/SW 9060A

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-OU2-27A		
Lab Sample ID:	F64242-18	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	C062228.D	1	04/08/09	AJ	n/a	n/a	VC2510
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-OU2-27A		
Lab Sample ID:	F64242-18	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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
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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-OU2-27A		
Lab Sample ID:	F64242-18	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	111%		87-116%
17060-07-0	1,2-Dichloroethane-D4	99%		76-127%
2037-26-5	Toluene-D8	92%		86-112%
460-00-4	4-Bromofluorobenzene	89%		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-OU2-27A		
Lab Sample ID:	F64242-18	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
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	FF00692.D	1	04/03/09	SL	n/a	n/a	GFF36
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	74.8	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-OU2-27A		
Lab Sample ID:	F64242-18	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5740	300	23	ug/l	1	04/09/09	04/09/09	RS	SW846 6010B [1]	SW846 3010A [2]
Manganese	388	15	1.0	ug/l	1	04/09/09	04/09/09	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7158
(2) Prep QC Batch: MP16219

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-OU2-27A		
Lab Sample ID:	F64242-18	**Date Sampled:**	03/27/09
Matrix:	AQ - Ground Water	**Date Received:**	03/28/09
		Percent Solids:	n/a
Project:	NTC Orlando, Orlando, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	27.6	5.0	2.5	mg/l	1	04/01/09	MV	SM19 2320B
Chloride	11.3	2.0	1.0	mg/l	1	03/28/09 15:30	CC	EPA 300/SW846 9056
Nitrogen, Ammonia	2.1	0.10	0.050	mg/l	1	04/06/09 14:07	SD	EPA 350.1
Nitrogen, Nitrate	0.050 U	0.10	0.050	mg/l	1	03/28/09 15:30	CC	EPA 300/SW846 9056
Nitrogen, Nitrite	0.050 U	0.10	0.050	mg/l	1	03/28/09 15:30	CC	EPA 300/SW846 9056
Phosphate, Ortho	0.024 I	0.10	0.020	mg/l	1	03/28/09 10:15	LE	EPA 365.3
Sulfate	33.4	2.0	1.0	mg/l	1	03/28/09 15:30	CC	EPA 300/SW846 9056
Total Organic Carbon	17.2	1.0	0.50	mg/l	1	04/02/09 05:43	AJC	SM19 5310B/SW 9060A

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

ACCUTEST.

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

Accutest JOB # 29483 PAGE 1 OF 2
Accutest Quote # F64242 SMPF

Client / Reporting Information

Company Name: BFA
Address: 3655 MAGUIRE RD.
City: ORLANDO State: FL Zip: 32803
Project Contact: JOHN WELLES Email:
Phone#: 407-896-8608
Sampler(s) Name(s) (Signature): PATRICK MAHER / DAMIAN AHLEN

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	Collection Date	Collection Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	8260	M.E.E.	TDC	H2 Dissolved Gases	AE, CL, NO3, ORP, SO4	NH3	Fe, Mn	Fe				
1	OLD-OU2-12B	3/26/09	1140	DM	GW	3										X											
2	OLD-OU2-18B		1450	DM	GW	12										X	X	X	X	X	X	X					
3	OLD-OU2-DP01A		1240	DM	GW	3										X											
4	OLD-OU2-DP02A		1625	DM	GW	12										X	X	X	X	X	X	X					
5	OLD-OU2-SW32		1040	DM	SW	4										X							X				
6	OLD-OU2-SW33		1200	DM	SW	4										X							X				
7	OLD-OU2-SW34		1255	DM	SW	4										X							X				
8	OLD-OU2-SW35		1320	DM	SW	4										X							X				
9	OLD-OU2-DUPE		1235	DM	SW	4										X							X				
10	OLD-OU2-32A		1215	DA	GW	12										X	X	X	X	X	X	X					
11	OLD-OU2-32B		1345	DA	GW	12										X	X	X	X	X	X	X					
12	OLD-OU2-33B	3/27/09	1000	DM	GW	12										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

LAB USE ONLY

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:
	3/27/09	2	3 Accutest courier	3/27/09	4 Accutest
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
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: 4 Cooler Temperature (s) Celsius: [illegible]

F64242: Chain of Custody
Page 1 of 3

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 # F64242 PAGE 2 OF 2
Accutest Quote # SKIN #

Client / Reporting Information

Company Name: BFA
Address: 3655 MAGUIRE RD.
City: ORLANDO State: FL Zip: 32803
Project Contact: JOHN WILKES E-mail:
Phone#: 407-896-8608
Sampler(s) Name(s) Phone(s): DANIEL MAHER / 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	Collection Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	HNO3	H2SO4	NaOH	NaOH+ZnAc	Methanol	Weigh	8260	M.E.E.	TOC	H2, Biodegr. Gases	Alk, Cl, Nit, Sulf, Sol	Nitr	Fe, Mn				
13	OLD-002-33A	3/26/09	1130	DM	GW	12										X	X	X	X	X	X	X				
14	OLD-002-31A		1255	DM	GW	12										X	X	X	X	X	X	X				
15	OLD-002-31B		1405	DM	GW	12										X	X	X	X	X	X	X				
16	OLD-002-28B		1145	DA	GW	3										X										
17	OLD-002-27B		1230	DA	GW	12										X	X	X	X	X	X	X				
18	OLD-002-27A		1400	DA	GW	12										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

LAB USE ONLY

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:
	3/27/09	2	3 Accutest Courier	3/28/09	4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
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: 4 Cooler Temperature (s) Celsius:

F64242: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F64242 CLIENT: BFA PROJECT: NTC-ORLANDO

DATE/TIME RECEIVED: 3/28/09 8:00 # OF COOLERS RECEIVED: 4 COOLER TEMPS: 4.8 5.0 4.4 4.6

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

SAMPLE INFORMATION

- [ ] 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 ? 0

NUMBER OF 5035 FIELD KITS ? 0

NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: Sample 10 bottles times should be 12:15 but they say 12:30 Samples 10,11,17 & 18 recieved 2 AIC vials Samples 17,18 only recieved 2 vials (8260) & (MEE) each

TECHNICIAN SIGNATURE/DATE CLR 3/28/09 TECHNICIAN SIGNATURE/DATE

ASBD 12/17/07

F64242: Chain of Custody
Page 3 of 3

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: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2510-MB	C062206.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	12.4	20	5.0	ug/l	J
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: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2510-MB	C062206.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

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: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2510-MB	C062206.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

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

Method Blank Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2489-MB	B059425.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

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: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2489-MB	B059425.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

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: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2489-MB	B059425.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	100%	76-127%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	115%	84-120%

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2510-BS	C062205.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	193	154*	59-134
107-02-8	Acrolein	125	155	124	33-157
107-13-1	Acrylonitrile	125	139	111	62-124
71-43-2	Benzene	25	28.7	115	83-124
108-86-1	Bromobenzene	25	24.6	98	83-115
74-97-5	Bromochloromethane	25	27.5	110	78-112
75-27-4	Bromodichloromethane	25	26.4	106	76-116
75-25-2	Bromoform	25	22.8	91	68-128
104-51-8	n-Butylbenzene	25	25.1	100	84-124
135-98-8	sec-Butylbenzene	25	25.2	101	86-127
98-06-6	tert-Butylbenzene	25	24.0	96	83-126
108-90-7	Chlorobenzene	25	26.2	105	87-115
75-00-3	Chloroethane	25	27.0	108	54-166
67-66-3	Chloroform	25	29.1	116	85-123
95-49-8	o-Chlorotoluene	25	24.2	97	84-121
106-43-4	p-Chlorotoluene	25	23.4	94	84-120
110-75-8	2-Chloroethyl vinyl ether	125	151	121	63-125
75-15-0	Carbon disulfide	25	26.6	106	67-147
56-23-5	Carbon tetrachloride	25	31.0	124	74-139
75-34-3	1,1-Dichloroethane	25	29.2	117	82-127
75-35-4	1,1-Dichloroethylene	25	34.5	138*	75-133
563-58-6	1,1-Dichloropropene	25	29.0	116	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	22.7	91	61-118
106-93-4	1,2-Dibromoethane	25	23.0	92	80-115
107-06-2	1,2-Dichloroethane	25	27.1	108	76-122
78-87-5	1,2-Dichloropropane	25	27.1	108	81-120
142-28-9	1,3-Dichloropropane	25	23.0	92	81-113
594-20-7	2,2-Dichloropropane	25	28.4	114	77-138
124-48-1	Dibromochloromethane	25	24.8	99	74-116
75-71-8	Dichlorodifluoromethane	25	30.6	122	34-158
156-59-2	cis-1,2-Dichloroethylene	25	26.6	106	81-114
10061-01-5	cis-1,3-Dichloropropene	25	29.1	116	83-119
541-73-1	m-Dichlorobenzene	25	24.8	99	86-115
95-50-1	o-Dichlorobenzene	25	24.9	100	85-115
106-46-7	p-Dichlorobenzene	25	24.2	97	87-113
156-60-5	trans-1,2-Dichloroethylene	25	29.1	116	82-126

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2510-BS	C062205.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	26.5	106	87-123
100-41-4	Ethylbenzene	25	25.8	103	87-118
591-78-6	2-Hexanone	125	145	116	58-125
87-68-3	Hexachlorobutadiene	25	29.2	117	71-133
98-82-8	Isopropylbenzene	25	27.5	110	87-131
99-87-6	p-Isopropyltoluene	25	25.7	103	83-125
108-10-1	4-Methyl-2-pentanone	125	123	98	62-125
74-83-9	Methyl bromide	25	37.7	151	55-151
74-87-3	Methyl chloride	25	34.2	137	55-173
74-95-3	Methylene bromide	25	28.1	112	81-116
75-09-2	Methylene chloride	25	30.4	122	69-125
78-93-3	Methyl ethyl ketone	125	162	130*	61-127
1634-04-4	Methyl Tert Butyl Ether	25	24.8	99	75-116
91-20-3	Naphthalene	25	26.2	105	59-125
103-65-1	n-Propylbenzene	25	24.9	100	86-125
100-42-5	Styrene	25	26.1	104	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	25.1	100	81-119
71-55-6	1,1,1-Trichloroethane	25	29.9	120	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	22.9	92	71-120
79-00-5	1,1,2-Trichloroethane	25	23.8	95	80-114
87-61-6	1,2,3-Trichlorobenzene	25	27.2	109	64-126
96-18-4	1,2,3-Trichloropropane	25	20.5	82	77-115
120-82-1	1,2,4-Trichlorobenzene	25	27.1	108	68-123
95-63-6	1,2,4-Trimethylbenzene	25	24.1	96	82-120
108-67-8	1,3,5-Trimethylbenzene	25	25.2	101	83-123
127-18-4	Tetrachloroethylene	25	27.0	108	80-131
108-88-3	Toluene	25	25.0	100	86-116
79-01-6	Trichloroethylene	25	28.6	114	85-124
75-69-4	Trichlorofluoromethane	25	34.4	138	66-156
75-01-4	Vinyl chloride	25	30.4	122	57-153
108-05-4	Vinyl Acetate	125	157	126	38-159
	m,p-Xylene	50	53.4	107	86-121
95-47-6	o-Xylene	25	25.1	100	83-121

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC2510-BS	C062205.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	87-116%
17060-07-0	1,2-Dichloroethane-D4	98%	76-127%
2037-26-5	Toluene-D8	89%	86-112%
460-00-4	4-Bromofluorobenzene	88%	84-120%

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2489-BS	B059424.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	99.4	80	59-134
107-02-8	Acrolein	125	162	130	33-157
107-13-1	Acrylonitrile	125	152	122	62-124
71-43-2	Benzene	25	26.4	106	83-124
108-86-1	Bromobenzene	25	25.0	100	83-115
74-97-5	Bromochloromethane	25	22.9	92	78-112
75-27-4	Bromodichloromethane	25	24.1	96	76-116
75-25-2	Bromoform	25	20.5	82	68-128
104-51-8	n-Butylbenzene	25	28.1	112	84-124
135-98-8	sec-Butylbenzene	25	28.4	114	86-127
98-06-6	tert-Butylbenzene	25	26.8	107	83-126
108-90-7	Chlorobenzene	25	25.4	102	87-115
75-00-3	Chloroethane	25	28.4	114	54-166
67-66-3	Chloroform	25	26.1	104	85-123
95-49-8	o-Chlorotoluene	25	26.2	105	84-121
106-43-4	p-Chlorotoluene	25	26.3	105	84-120
110-75-8	2-Chloroethyl vinyl ether	125	155	124	63-125
75-15-0	Carbon disulfide	25	27.6	110	67-147
56-23-5	Carbon tetrachloride	25	27.6	110	74-139
75-34-3	1,1-Dichloroethane	25	27.1	108	82-127
75-35-4	1,1-Dichloroethylene	25	29.7	119	75-133
563-58-6	1,1-Dichloropropene	25	27.0	108	87-127
96-12-8	1,2-Dibromo-3-chloropropane	25	20.9	84	61-118
106-93-4	1,2-Dibromoethane	25	23.4	94	80-115
107-06-2	1,2-Dichloroethane	25	23.7	95	76-122
78-87-5	1,2-Dichloropropane	25	25.0	100	81-120
142-28-9	1,3-Dichloropropane	25	24.2	97	81-113
594-20-7	2,2-Dichloropropane	25	28.5	114	77-138
124-48-1	Dibromochloromethane	25	22.7	91	74-116
75-71-8	Dichlorodifluoromethane	25	31.6	126	34-158
156-59-2	cis-1,2-Dichloroethylene	25	24.9	100	81-114
10061-01-5	cis-1,3-Dichloropropene	25	24.6	98	83-119
541-73-1	m-Dichlorobenzene	25	26.0	104	86-115
95-50-1	o-Dichlorobenzene	25	25.4	102	85-115
106-46-7	p-Dichlorobenzene	25	25.2	101	87-113
156-60-5	trans-1,2-Dichloroethylene	25	28.3	113	82-126

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2489-BS	B059424.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	25	25.4	102	87-123
100-41-4	Ethylbenzene	25	26.4	106	87-118
591-78-6	2-Hexanone	125	87.9	70	58-125
87-68-3	Hexachlorobutadiene	25	28.0	112	71-133
98-82-8	Isopropylbenzene	25	28.0	112	87-131
99-87-6	p-Isopropyltoluene	25	28.5	114	83-125
108-10-1	4-Methyl-2-pentanone	125	93.0	74	62-125
74-83-9	Methyl bromide	25	32.6	130	55-151
74-87-3	Methyl chloride	25	30.4	122	55-173
74-95-3	Methylene bromide	25	25.0	100	81-116
75-09-2	Methylene chloride	25	28.4	114	69-125
78-93-3	Methyl ethyl ketone	125	105	84	61-127
1634-04-4	Methyl Tert Butyl Ether	25	22.7	91	75-116
91-20-3	Naphthalene	25	25.4	102	59-125
103-65-1	n-Propylbenzene	25	27.3	109	86-125
100-42-5	Styrene	25	25.2	101	78-118
630-20-6	1,1,1,2-Tetrachloroethane	25	23.4	94	81-119
71-55-6	1,1,1-Trichloroethane	25	27.6	110	79-133
79-34-5	1,1,2,2-Tetrachloroethane	25	23.2	93	71-120
79-00-5	1,1,2-Trichloroethane	25	23.8	95	80-114
87-61-6	1,2,3-Trichlorobenzene	25	28.6	114	64-126
96-18-4	1,2,3-Trichloropropane	25	20.8	83	77-115
120-82-1	1,2,4-Trichlorobenzene	25	21.1	84	68-123
95-63-6	1,2,4-Trimethylbenzene	25	26.9	108	82-120
108-67-8	1,3,5-Trimethylbenzene	25	27.1	108	83-123
127-18-4	Tetrachloroethylene	25	26.5	106	80-131
108-88-3	Toluene	25	26.2	105	86-116
79-01-6	Trichloroethylene	25	25.0	100	85-124
75-69-4	Trichlorofluoromethane	25	29.1	116	66-156
75-01-4	Vinyl chloride	25	29.7	119	57-153
108-05-4	Vinyl Acetate	125	210	168*	38-159
	m,p-Xylene	50	54.3	109	86-121
95-47-6	o-Xylene	25	26.3	105	83-121

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB2489-BS	B059424.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64242-7MS	C062217.D	1	04/08/09	AJ	n/a	n/a	VC2510
F64242-7MSD	C062218.D	1	04/08/09	AJ	n/a	n/a	VC2510
F64242-7	C062213.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Compound	F64242-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	11.3	I	125	111	80	109	78	2	59-134/14
107-02-8	Acrolein	20 U		125	207	166*	179	143	15	33-157/21
107-13-1	Acrylonitrile	10 U		125	146	117	140	112	4	62-124/13
71-43-2	Benzene	1.0 U		25	29.7	119	26.4	106	12*	83-124/11
108-86-1	Bromobenzene	1.0 U		25	24.1	96	22.3	89	8	83-115/10
74-97-5	Bromochloromethane	1.0 U		25	28.6	114*	25.8	103	10	78-112/10
75-27-4	Bromodichloromethane	1.0 U		25	28.1	112	25.2	101	11*	76-116/10
75-25-2	Bromoform	1.0 U		25	24.2	97	23.0	92	5	68-128/11
104-51-8	n-Butylbenzene	1.0 U		25	24.6	98	22.7	91	8	84-124/10
135-98-8	sec-Butylbenzene	1.0 U		25	24.3	97	22.9	92	6	86-127/10
98-06-6	tert-Butylbenzene	1.0 U		25	23.6	94	22.1	88	7	83-126/10
108-90-7	Chlorobenzene	1.0 U		25	26.8	107	24.7	99	8	87-115/9
75-00-3	Chloroethane	2.0 U		25	30.8	123	30.4	122	1	54-166/20
67-66-3	Chloroform	1.0 U		25	31.4	126*	27.8	111	12*	85-123/10
95-49-8	o-Chlorotoluene	1.0 U		25	23.6	94	21.9	88	7	84-121/10
106-43-4	p-Chlorotoluene	1.0 U		25	23.4	94	21.1	84	10	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	27.4	110	24.6	98	11	67-147/12
56-23-5	Carbon tetrachloride	1.0 U		25	33.7	135	30.6	122	10	74-139/13
75-34-3	1,1-Dichloroethane	1.0 U		25	30.3	121	27.3	109	10	82-127/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	34.8	139*	32.3	129	7	75-133/13
563-58-6	1,1-Dichloropropene	1.0 U		25	29.2	117	26.5	106	10	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U		25	22.8	91	21.4	86	6	61-118/15
106-93-4	1,2-Dibromoethane	1.0 U		25	22.9	92	21.6	86	6	80-115/10
107-06-2	1,2-Dichloroethane	1.0 U		25	29.2	117	26.2	105	11	76-122/11
78-87-5	1,2-Dichloropropane	1.0 U		25	27.9	112	25.6	102	9	81-120/11
142-28-9	1,3-Dichloropropane	1.0 U		25	22.5	90	21.6	86	4	81-113/11
594-20-7	2,2-Dichloropropane	1.0 U		25	30.2	121	27.3	109	10	77-138/12
124-48-1	Dibromochloromethane	1.0 U		25	25.2	101	23.6	94	7	74-116/11
75-71-8	Dichlorodifluoromethane	2.0 U		25	31.6	126	34.7	139	9	34-158/22
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	28.8	115*	25.0	100	14*	81-114/10
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	28.3	113	25.1	100	12*	83-119/10
541-73-1	m-Dichlorobenzene	1.0 U		25	25.2	101	22.8	91	10*	86-115/9
95-50-1	o-Dichlorobenzene	1.0 U		25	25.0	100	22.8	91	9	85-115/9
106-46-7	p-Dichlorobenzene	1.0 U		25	24.9	100	23.1	92	7	87-113/10
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	30.1	120	26.7	107	12*	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64242-7MS	C062217.D	1	04/08/09	AJ	n/a	n/a	VC2510
F64242-7MSD	C062218.D	1	04/08/09	AJ	n/a	n/a	VC2510
F64242-7	C062213.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Compound	F64242-7 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	26.7	107	24.8	99	7	87-123/10
100-41-4	Ethylbenzene	1.0 U		25	26.2	105	24.0	96	9	87-118/10
591-78-6	2-Hexanone	10 U		125	112	90	111	89	1	58-125/14
87-68-3	Hexachlorobutadiene	2.0 U		25	24.1	96	22.0	88	9	71-133/12
98-82-8	Isopropylbenzene	1.0 U		25	27.5	110	26.0	104	6	87-131/10
99-87-6	p-Isopropyltoluene	1.0 U		25	24.9	100	22.6	90	10*	83-125/9
108-10-1	4-Methyl-2-pentanone	5.0 U		125	120	96	118	94	2	62-125/13
74-83-9	Methyl bromide	2.0 U		25	39.4	158*	36.1	144	9	55-151/21
74-87-3	Methyl chloride	2.0 U		25	34.4	138	34.5	138	0	55-173/22
74-95-3	Methylene bromide	2.0 U		25	30.4	122*	28.3	113	7	81-116/10
75-09-2	Methylene chloride	5.0 U		25	32.3	129*	28.4	114	13*	69-125/11
78-93-3	Methyl ethyl ketone	5.0 U		125	116	93	114	91	2	61-127/13
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	25.5	102	23.7	95	7	75-116/10
91-20-3	Naphthalene	5.0 U		25	23.3	93	22.7	91	3	59-125/15
103-65-1	n-Propylbenzene	1.0 U		25	23.9	96	22.6	90	6	86-125/10
100-42-5	Styrene	1.0 U		25	26.9	108	24.3	97	10	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	26.0	104	24.2	97	7	81-119/10
71-55-6	1,1,1-Trichloroethane	1.0 U		25	32.0	128	28.5	114	12*	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	23.4	94	23.3	93	0	71-120/11
79-00-5	1,1,2-Trichloroethane	1.0 U		25	23.4	94	21.6	86	8	80-114/11
87-61-6	1,2,3-Trichlorobenzene	1.0 U		25	23.3	93	22.6	90	3	64-126/16
96-18-4	1,2,3-Trichloropropane	2.0 U		25	20.1	80	20.7	83	3	77-115/12
120-82-1	1,2,4-Trichlorobenzene	1.0 U		25	24.0	96	22.7	91	6	68-123/11
95-63-6	1,2,4-Trimethylbenzene	2.0 U		25	24.0	96	21.8	87	10	82-120/10
108-67-8	1,3,5-Trimethylbenzene	2.0 U		25	24.6	98	22.9	92	7	83-123/10
127-18-4	Tetrachloroethylene	1.0 U		25	27.0	108	25.1	100	7	80-131/12
108-88-3	Toluene	1.0 U		25	25.0	100	23.1	92	8	86-116/10
79-01-6	Trichloroethylene	1.0 U		25	28.9	116	25.8	103	11*	85-124/10
75-69-4	Trichlorofluoromethane	2.0 U		25	37.5	150	32.8	131	13	66-156/15
75-01-4	Vinyl chloride	1.0 U		25	29.4	118	29.9	120	2	57-153/22
108-05-4	Vinyl Acetate	10 U		125	171	137	158	126	8	38-159/11
	m,p-Xylene	2.0 U		50	54.1	108	48.8	98	10	86-121/10
95-47-6	o-Xylene	1.0 U		25	25.7	103	23.2	93	10	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64242-7MS	C062217.D	1	04/08/09	AJ	n/a	n/a	VC2510
F64242-7MSD	C062218.D	1	04/08/09	AJ	n/a	n/a	VC2510
F64242-7	C062213.D	1	04/08/09	AJ	n/a	n/a	VC2510

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

F64242-1, F64242-2, F64242-3, F64242-4, F64242-5, F64242-6, F64242-7, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-16, F64242-17, F64242-18

CAS No.	Surrogate Recoveries	MS	MSD	F64242-7	Limits
1868-53-7	Dibromofluoromethane	112%	109%	108%	87-116%
17060-07-0	1,2-Dichloroethane-D4	104%	101%	99%	76-127%
2037-26-5	Toluene-D8	87%	88%	91%	86-112%
460-00-4	4-Bromofluorobenzene	84%	86%	92%	84-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64379-1MS	B059437.D	1	04/09/09	AJ	n/a	n/a	VB2489
F64379-1MSD	B059438.D	1	04/09/09	AJ	n/a	n/a	VB2489
F64379-1	B059432.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

CAS No.	Compound	F64379-1 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	71.9	58*	67.2	54*	7	59-134/14
107-02-8	Acrolein	20 U		125	185	148	171	137	8	33-157/21
107-13-1	Acrylonitrile	10 U		125	160	128*	152	122	5	62-124/13
71-43-2	Benzene	1.0 U		25	28.4	114	26.2	105	8	83-124/11
108-86-1	Bromobenzene	1.0 U		25	25.4	102	24.0	96	6	83-115/10
74-97-5	Bromochloromethane	1.0 U		25	23.8	95	22.5	90	6	78-112/10
75-27-4	Bromodichloromethane	1.0 U		25	24.8	99	23.2	93	7	76-116/10
75-25-2	Bromoform	1.0 U		25	21.1	84	20.4	82	3	68-128/11
104-51-8	n-Butylbenzene	1.0 U		25	28.5	114	26.3	105	8	84-124/10
135-98-8	sec-Butylbenzene	1.0 U		25	29.2	117	26.9	108	8	86-127/10
98-06-6	tert-Butylbenzene	1.0 U		25	27.8	111	25.7	103	8	83-126/10
108-90-7	Chlorobenzene	1.0 U		25	26.4	106	24.7	99	7	87-115/9
75-00-3	Chloroethane	2.0 U		25	28.0	112	27.4	110	2	54-166/20
67-66-3	Chloroform	1.0 U		25	27.1	108	25.6	102	6	85-123/10
95-49-8	o-Chlorotoluene	1.0 U		25	26.9	108	24.8	99	8	84-121/10
106-43-4	p-Chlorotoluene	1.0 U		25	27.6	110	25.2	101	9	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	26.9	108	25.0	100	7	67-147/12
56-23-5	Carbon tetrachloride	1.0 U		25	28.5	114	26.7	107	7	74-139/13
75-34-3	1,1-Dichloroethane	1.0 U		25	28.8	115	26.5	106	8	82-127/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	30.5	122	28.2	113	8	75-133/13
563-58-6	1,1-Dichloropropene	1.0 U		25	28.3	113	26.3	105	7	87-127/10
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U		25	20.4	82	20.4	82	0	61-118/15
106-93-4	1,2-Dibromoethane	1.0 U		25	24.6	98	23.6	94	4	80-115/10
107-06-2	1,2-Dichloroethane	1.0 U		25	25.4	102	23.1	92	9	76-122/11
78-87-5	1,2-Dichloropropane	1.0 U		25	26.0	104	24.6	98	6	81-120/11
142-28-9	1,3-Dichloropropane	1.0 U		25	25.5	102	24.0	96	6	81-113/11
594-20-7	2,2-Dichloropropane	1.0 U		25	28.8	115	26.9	108	7	77-138/12
124-48-1	Dibromochloromethane	1.0 U		25	23.3	93	22.2	89	5	74-116/11
75-71-8	Dichlorodifluoromethane	2.0 U		25	27.8	111	28.4	114	2	34-158/22
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	26.0	104	24.6	98	6	81-114/10
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	24.8	99	23.3	93	6	83-119/10
541-73-1	m-Dichlorobenzene	1.0 U		25	26.5	106	24.7	99	7	86-115/9
95-50-1	o-Dichlorobenzene	1.0 U		25	26.1	104	24.2	97	8	85-115/9
106-46-7	p-Dichlorobenzene	1.0 U		25	25.2	101	23.9	96	5	87-113/10
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	29.1	116	26.9	108	8	82-126/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64379-1MS	B059437.D	1	04/09/09	AJ	n/a	n/a	VB2489
F64379-1MSD	B059438.D	1	04/09/09	AJ	n/a	n/a	VB2489
F64379-1	B059432.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

CAS No.	Compound	F64379-1 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	25.5	102	24.8	99	3	87-123/10
100-41-4	Ethylbenzene	1.0 U		25	27.5	110	25.8	103	6	87-118/10
591-78-6	2-Hexanone	10 U		125	81.5	65	79.4	64	3	58-125/14
87-68-3	Hexachlorobutadiene	2.0 U		25	26.8	107	24.9	100	7	71-133/12
98-82-8	Isopropylbenzene	1.0 U		25	28.9	116	26.7	107	8	87-131/10
99-87-6	p-Isopropyltoluene	1.0 U		25	29.6	118	27.3	109	8	83-125/9
108-10-1	4-Methyl-2-pentanone	5.0 U		125	104	83	97.2	78	7	62-125/13
74-83-9	Methyl bromide	2.0 U		25	30.9	124	30.5	122	1	55-151/21
74-87-3	Methyl chloride	2.0 U		25	28.7	115	28.5	114	1	55-173/22
74-95-3	Methylene bromide	2.0 U		25	26.3	105	24.0	96	9	81-116/10
75-09-2	Methylene chloride	5.0 U		25	28.3	113	26.5	106	7	69-125/11
78-93-3	Methyl ethyl ketone	5.0 U		125	91.7	73	87.3	70	5	61-127/13
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	21.4	86	20.9	84	2	75-116/10
91-20-3	Naphthalene	5.0 U		25	21.4	86	21.4	86	0	59-125/15
103-65-1	n-Propylbenzene	1.0 U		25	28.7	115	26.0	104	10	86-125/10
100-42-5	Styrene	1.0 U		25	25.1	100	23.5	94	7	78-118/11
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	23.6	94	22.6	90	4	81-119/10
71-55-6	1,1,1-Trichloroethane	1.0 U		25	28.6	114	26.7	107	7	79-133/11
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	25.4	102	23.4	94	8	71-120/11
79-00-5	1,1,2-Trichloroethane	1.0 U		25	25.2	101	23.5	94	7	80-114/11
87-61-6	1,2,3-Trichlorobenzene	1.0 U		25	22.5	90	21.5	86	5	64-126/16
96-18-4	1,2,3-Trichloropropane	2.0 U		25	22.7	91	21.2	85	7	77-115/12
120-82-1	1,2,4-Trichlorobenzene	1.0 U		25	20.0	80	19.1	76	5	68-123/11
95-63-6	1,2,4-Trimethylbenzene	2.0 U		25	28.0	112	25.6	102	9	82-120/10
108-67-8	1,3,5-Trimethylbenzene	2.0 U		25	27.9	112	25.6	102	9	83-123/10
127-18-4	Tetrachloroethylene	1.0 U		25	26.7	107	25.7	103	4	80-131/12
108-88-3	Toluene	1.0 U		25	26.7	107	25.4	102	5	86-116/10
79-01-6	Trichloroethylene	1.0 U		25	26.1	104	24.6	98	6	85-124/10
75-69-4	Trichlorofluoromethane	2.0 U		25	27.1	108	25.4	102	6	66-156/15
75-01-4	Vinyl chloride	1.0 U		25	29.1	116	29.2	117	0	57-153/22
108-05-4	Vinyl Acetate	10 U		125	225	180*	210	168*	7	38-159/11
	m,p-Xylene	2.0 U		50	55.6	111	52.5	105	6	86-121/10
95-47-6	o-Xylene	1.0 U		25	26.9	108	25.1	100	7	83-121/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64379-1MS	B059437.D	1	04/09/09	AJ	n/a	n/a	VB2489
F64379-1MSD	B059438.D	1	04/09/09	AJ	n/a	n/a	VB2489
F64379-1	B059432.D	1	04/09/09	AJ	n/a	n/a	VB2489

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

F64242-4, F64242-8

CAS No.	Surrogate Recoveries	MS	MSD	F64379-1	Limits
1868-53-7	Dibromofluoromethane	102%	102%	103%	87-116%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	101%	76-127%
2037-26-5	Toluene-D8	98%	98%	101%	86-112%
460-00-4	4-Bromofluorobenzene	99%	97%	115%	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: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF36-MB	FF00678.D	1	04/03/09	SL	n/a	n/a	GFF36

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

F64242-2, F64242-4, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18

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	

Blank Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GFF36-BS	FF00679.D	1	04/03/09	SL	n/a	n/a	GFF36

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

F64242-2, F64242-4, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-82-8	Methane	108	98.6	91	54-149
74-84-0	Ethane	219	191	87	57-143
74-85-1	Ethene	290	241	83	57-143

Matrix Spike Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64242-10MS	FF00694.D	1	04/03/09	SL	n/a	n/a	GFF36
F64242-10	FF00682.D	1	04/03/09	SL	n/a	n/a	GFF36

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

F64242-2, F64242-4, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18

CAS No.	Compound	F64242-10 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
74-82-8	Methane	214		108	301	81	54-149
74-84-0	Ethane	1.0	U	219	255	116	57-143
74-85-1	Ethene	1.0	U	290	321	111	57-143

Duplicate Summary

Job Number: F64242
Account: BFACFLO BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F64242-10DUP	FF00693.D	1	04/03/09	SL	n/a	n/a	GFF36
F64242-10	FF00682.D	1	04/03/09	SL	n/a	n/a	GFF36

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

F64242-2, F64242-4, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18

CAS No.	Compound	F64242-10 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	214		190		12	24
74-84-0	Ethane	1.0 U		ND		nc	23
74-85-1	Ethene	1.0 U		ND		nc	10

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16207
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/08/09

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	11	11		
Antimony	6.0	4.5	4.5		
Arsenic	10	3.6	5.4		
Barium	200	5	5		
Beryllium	4.0	1	1		
Cadmium	5.0	1	1		
Calcium	1000	100	100		
Chromium	10	1.6	2		
Cobalt	50	.83	1		
Copper	25	2.1	5		
Iron	300	23	23	-1.2	<300
Lead	5.0	2	2		
Magnesium	5000	100	100		
Manganese	15	.5	1	-0.060	<15
Molybdenum	50	2.8	5		
Nickel	40	2.3	2.3		
Potassium	10000	100	100		
Selenium	10	3.1	3.4		
Silver	10	1.2	1.4		
Sodium	10000	500	500		
Thallium	10	3.4	3.6		
Tin	50	2.8	2.8		
Vanadium	50	.66	.9		
Zinc	20	3.8	7.4		

Associated samples MP16207: F64242-2, F64242-4, F64242-5, F64242-6, F64242-7, F64242-8, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16207 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date:			04/08/09					04/08/09	
Metal	F64411-1B Original	DUP	RPD	QC Limits	F64411-1B Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron	560	537	4.2	0-20	560	26400	26000	99.4	80-120
Lead									
Magnesium									
Manganese	373	371	0.5	0-20	373	888	500	103.0	80-120
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP16207: F64242-2, F64242-4, F64242-5, F64242-6, F64242-7, F64242-8, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16207 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/08/09

Metal	F64411-1B Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron	560	26300	26000	99.0	0.4	20
Lead						
Magnesium						
Manganese	373	877	500	100.8	1.2	20
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP16207: F64242-2, F64242-4, F64242-5, F64242-6, F64242-7, F64242-8, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16207
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/08/09

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	26400	26000	101.5	80-120
Lead				
Magnesium				
Manganese	526	500	105.2	80-120
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP16207: F64242-2, F64242-4, F64242-5, F64242-6, F64242-7, F64242-8, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16207 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/08/09

Metal	F64411-1B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	560	361	35.5 (a)	0-10
Lead				
Magnesium				
Manganese	373	366	1.9	0-10
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP16207: F64242-2, F64242-4, F64242-5, F64242-6, F64242-7, F64242-8, F64242-9, F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16219
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/09/09

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	11	11		
Antimony	6.0	4.5	4.5		
Arsenic	10	3.6	5.4		
Barium	200	5	5		
Beryllium	4.0	1	1		
Cadmium	5.0	1	1		
Calcium	1000	100	100		
Chromium	10	1.6	2		
Cobalt	50	.83	1		
Copper	25	2.1	5		
Iron	300	23	23	-5.2	<300
Lead	5.0	2	2		
Magnesium	5000	100	100		
Manganese	15	.5	1	-0.020	<15
Molybdenum	50	2.8	5		
Nickel	40	2.3	2.3		
Potassium	10000	100	100		
Selenium	10	3.1	3.4		
Silver	10	1.2	1.4		
Sodium	10000	500	500		
Thallium	10	3.4	3.6		
Tin	50	2.8	2.8		
Vanadium	50	.66	.9		
Zinc	20	3.8	7.4		

Associated samples MP16219: F64242-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16219
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:	04/09/09						04/09/09		
Metal	F64245-1 Original	DUP	RPD	QC Limits	F64245-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	388	374	3.7	0-20	388	26100	26000	98.9	80-120
Lead	anr								
Magnesium	anr								
Manganese	19.1	18.3	4.3	0-20	19.1	527	500	101.6	80-120
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium									
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

Associated samples MP16219: F64242-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16219 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/09/09

Metal	F64245-1 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	388	26400	26000	100.0	1.1	20
Lead	anr					
Magnesium	anr					
Manganese	19.1	533	500	102.8	1.1	20
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium						
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin						
Vanadium	anr					
Zinc	anr					

Associated samples MP16219: F64242-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16219
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/09/09

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	26100	26000	100.4	80-120
Lead	anr			
Magnesium	anr			
Manganese	516	500	103.2	80-120
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium				
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP16219: F64242-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

QC Batch ID: MP16219
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/09/09

Metal	F64245-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	388	352	9.2	0-10
Lead	anr			
Magnesium	anr			
Manganese	19.1	21.0	9.7	0-10
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium				
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP16219: F64242-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

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: F64242
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
Alkalinity, Total as CaCO3	GN34499	5.0	0.0	mg/l	250	246	98.4	90-113%
Alkalinity, Total as CaCO3	GN34501	5.0	0.0	mg/l	250	246	98.4	90-113%
Chloride	GP12708/GN34446	2.0	0.0	mg/l	50	47.6	95.2	90-110%
Fluoride	GP12708/GN34446	0.20	0.0	mg/l	2.5	2.53	101.2	90-110%
Nitrogen, Ammonia	GP12758/GN34574	0.10	0.0	mg/l	2.5	2.65	106.0	90-110%
Nitrogen, Nitrate	GP12708/GN34446	0.10	0.0	mg/l	2.5	2.46	98.4	90-110%
Nitrogen, Nitrite	GP12708/GN34446	0.10	0.0	mg/l	2.5	2.54	101.6	90-110%
Phosphate, Ortho	GP12706/GN34440	0.10	0.0	mg/l	.300	0.28	94.2	83-116%
Sulfate	GP12708/GN34446	2.0	0.0	mg/l	50	46.6	93.2	90-110%
Total Organic Carbon	GP12737/GN34503	1.0	0.0	mg/l	15	15.5	103.3	90-110%
Total Organic Carbon	GP12739/GN34503	1.0	0.0	mg/l	15	15.6	104.0	90-110%

Associated Samples:
Batch GN34499: F64242-10, F64242-11, F64242-12, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GN34501: F64242-13
Batch GP12706: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GP12708: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GP12737: F64242-10, F64242-2, F64242-4
Batch GP12739: F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18
Batch GP12758: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN34499	F64242-2	mg/l	30.8	31.6	2.6	0-20%
Alkalinity, Total as CaCO3	GN34501	F64254-16	mg/l	95.0	99.4	4.5	0-20%
Chloride	GP12708/GN34446	F64242-4	mg/l	23.8	23.7	0.4	0-20%
Chloride	GP12708/GN34446	F64242-4	mg/l	23.5	23.7	0.4	0-20%
Fluoride	GP12708/GN34446	F64242-4	mg/l	0.10 U	0.0	0.0	0-20%
Fluoride	GP12708/GN34446	F64242-4	mg/l	0.10 U	0.0	0.0	0-20%
Nitrogen, Ammonia	GP12758/GN34574	F64207-5	mg/l	4.8	4.9	2.1	0-20%
Nitrogen, Nitrate	GP12708/GN34446	F64242-4	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrate	GP12708/GN34446	F64242-4	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrite	GP12708/GN34446	F64242-4	mg/l	0.050 U	0.0	0.0	0-20%
Nitrogen, Nitrite	GP12708/GN34446	F64242-4	mg/l	0.050 U	0.0	0.0	0-20%
Phosphate, Ortho	GP12706/GN34440	F64242-2	mg/l	0.18	0.20	12.9	0-26%
Sulfate	GP12708/GN34446	F64242-4	mg/l	15.5	15.0	3.3	0-20%
Sulfate	GP12708/GN34446	F64242-4	mg/l	14.7	15.0	3.3	0-20%
Total Organic Carbon	GP12737/GN34503	F64216-9	mg/l	32.7	33.3	1.8	0-20%
Total Organic Carbon	GP12739/GN34503	F64242-11	mg/l	4.7	4.7	0.0	0-20%

Associated Samples:
Batch GN34499: F64242-10, F64242-11, F64242-12, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GN34501: F64242-13
Batch GP12706: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GP12708: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GP12737: F64242-10, F64242-2, F64242-4
Batch GP12739: F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18
Batch GP12758: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F64242
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
Alkalinity, Total as CaCO3	GN34499	F64242-2	mg/l	30.8	250	270	95.7	90-113%
Alkalinity, Total as CaCO3	GN34499	F64242-2	mg/l	30.8	250	269	95.3	90-113%
Alkalinity, Total as CaCO3	GN34501	F64254-16	mg/l	95.0	250	331	94.4	90-113%
Alkalinity, Total as CaCO3	GN34501	F64254-16	mg/l	95.0	250	331	94.4	90-113%
Chloride	GP12708/GN34446	F64242-4	mg/l	23.8	50	69.4	91.2	90-110%
Chloride	GP12708/GN34446	F64242-4	mg/l	23.5	50	69.4	91.2	90-110%
Fluoride	GP12708/GN34446	F64242-4	mg/l	0.10 U	2.5	1.8	72.0N(a)	90-110%
Fluoride	GP12708/GN34446	F64242-4	mg/l	0.10 U	2.5	1.8	72.0N(a)	90-110%
Nitrogen, Ammonia	GP12758/GN34574	F64207-5	mg/l	4.8	2.5	7.5	108.0	90-110%
Nitrogen, Nitrate	GP12708/GN34446	F64242-4	mg/l	0.050 U	2.5	2.8	112.0N(a)	90-110%
Nitrogen, Nitrate	GP12708/GN34446	F64242-4	mg/l	0.050 U	2.5	2.8	112.0N(a)	90-110%
Nitrogen, Nitrite	GP12708/GN34446	F64242-4	mg/l	0.050 U	2.5	1.8	72.0N(a)	90-110%
Nitrogen, Nitrite	GP12708/GN34446	F64242-4	mg/l	0.050 U	2.5	1.8	72.0N(a)	90-110%
Phosphate, Ortho	GP12706/GN34440	F64242-2	mg/l	0.18	.300	0.45	89.9	83-116%
Sulfate	GP12708/GN34446	F64242-4	mg/l	15.5	50	56.5	82.0N(a)	90-110%
Sulfate	GP12708/GN34446	F64242-4	mg/l	14.7	50	56.5	82.0N(a)	90-110%
Total Organic Carbon	GP12737/GN34503	F64216-9	mg/l	32.7	15	22.6	0.0N(a)	90-110%
Total Organic Carbon	GP12739/GN34503	F64242-11	mg/l	4.7	15	20.7	106.7	90-110%

Associated Samples:
Batch GN34499: F64242-10, F64242-11, F64242-12, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GN34501: F64242-13
Batch GP12706: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GP12708: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
Batch GP12737: F64242-10, F64242-2, F64242-4
Batch GP12739: F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18
Batch GP12758: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F64242
Account: BFACFLO - BFA Environmental Consultants
Project: NTC Orlando, Orlando, FL

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Nitrogen, Ammonia	GP12758/GN34574	F64207-5	mg/l	4.8	2.5	7.7	2.6N(a)	20%

Associated Samples:
Batch GP12758: F64242-10, F64242-11, F64242-12, F64242-13, F64242-14, F64242-15, F64242-17, F64242-18, F64242-2, F64242-4
(*) 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

Page: Page 1 of 13
Lab Proj #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Laboratory Results

Total pages in data package: 14

Lab Sample #	Client Sample ID
P0904043-01	F64242-2
P0904043-02	F64242-4
P0904043-03	F64242-10
P0904043-04	F64242-11
P0904043-05	F64242-12
P0904043-06	F64242-13
P0904043-07	F64242-14
P0904043-08	F64242-15
P0904043-09	F64242-17
P0904043-10	F64242-18

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

Approved By: Rachel Whitby ***Date:*** 4/13/09

Project Manager: Rachel Whitby

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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-2	Vapor	P0904043-01	26 Mar. 09 14:50	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		330.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		14.000	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		15.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		3.00	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-4	Vapor	P0904043-02	26 Mar. 09 16:25	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		160.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		1.300	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		16.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		8.10	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-10	Vapor	P0904043-03	26 Mar. 09 13:45	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		110.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		0.800	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		7.80	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-11	Vapor	P0904043-04	26 Mar. 09 13:45	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		170.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		3.000	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		2.70	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-12	Vapor	P0904043-05	27 Mar. 09 0:00	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		230.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		1.100	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		3.80	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-13	Vapor	P0904043-06	27 Mar. 09 11:30	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide	U	< 5.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		0.730	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		19.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen	J	0.13	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-14	Vapor	P0904043-07	27 Mar. 09 12:55	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		66.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		1.000	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		5.00	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-15	Vapor	P0904043-08	27 Mar. 09 14:05	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		630.00	5.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		1.200	0.600	nM	AM20GAX	4/9/09	sl
N Nitrogen		14.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		3.70	0.15	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-17	Vapor	P0904043-09	27 Mar. 09 12:30	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		510.00	10.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		2.200	1.200	nM	AM20GAX	4/9/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		3.60	0.30	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
F64242-18	Vapor	P0904043-10	27 Mar. 09 14:00	03 Apr. 09 10:01

Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis							
N Carbon dioxide		380.00	10.00	mg/L	AM20GAX	4/9/09	sl
N Hydrogen		4.400	1.200	nM	AM20GAX	4/9/09	sl
N Nitrogen		17.00	0.40	mg/L	AM20GAX	4/9/09	sl
N Oxygen		7.30	0.30	mg/L	AM20GAX	4/9/09	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 #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

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

M090409030-MB

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

M090409030-LCS

	Result		TrueSpikeConc.	%Recovery	Ctl Limits
Hydrogen	10.000	nM	9.78	102.00	75 - 125

M090409030-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

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

Lab Proj #: P0904043
Report Date: 04/13/09
Client Proj Name: F64242
Client Proj #: F64242

Prep Method: Permanent Gases by Bubble Strip

Analysis Method: Permanent Gases by Bubble Strip

M090409032-MB

	Result		TrueSpikeConc.	RDL	%Recovery	Ctl Limits
Carbon dioxide	< 5.00	mg/L		5.00		- NA
Oxygen	< 0.15	mg/L		0.15		- NA
Nitrogen	< 0.40	mg/L		0.40		- NA

M090409032-LCS

	Result		TrueSpikeConc.	%Recovery	Ctl Limits
Carbon dioxide	36.00	mg/L	36.53	99.00	75 - 125
Oxygen	0.42	mg/L	0.40	106.00	75 - 125

M090409032-LCSD

	Result		TrueSpikeConc.	%Recovery	Ctl Limits	RPD	RPD Ctl Limits
Carbon dioxide	36.00	mg/L	36.53	99.00	75 - 125	0.00	0 - 20
Oxygen	0.41	mg/L	0.40	104.00	75 - 125	2.41	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

P0904043

PAGE 1 OF 1

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: F64242
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	O2	Z2	CO2					LAB USE ONLY
1	F64242-2	3-26	14:50		Air	1		X								X	X	X	X					
2	-4	↓	16:25		↓	↓		↓								↓	↓	↓	↓					
3	-10	↓	13:45		↓	2		↓								↓	↓	↓	↓					
4	-11	↓	12:45		↓	↓		↓								↓	↓	↓	↓					
5	-12	3-27	—		↓	1		↓								↓	↓	↓	↓					
6	-13	↓	11:30		↓	↓		↓								↓	↓	↓	↓					
7	-14	↓	12:55		↓	↓		↓								↓	↓	↓	↓					
8	-15	↓	14:05		↓	↓		↓								↓	↓	↓	↓					
9	-17	↓	12:30		↓	2		↓								↓	↓	↓	↓					
10	-18	↓	14:00		↓	↓		↓								↓	↓	↓	↓					

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- Microseeps

Approved By- [illegible]

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 Cayne Accutest	4-1-09 17:00	2 7964 8149 9945	3		4 [illegible] 5/2/09
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: _____