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February 14, 2006

Project Number N00055

Commander, Southern Division
Naval Facilities Engineering Command
ATTN: Mr. Bill Hill (ES24)
2155 Eagle Drive
North Charleston, South Carolina 29419-9010

Reference: CLEAN Contract Number N62467-94-D-0888
Contract Task Order Number 0380

Subject: Enhanced Natural Attenuation Treatability Study
Seventh Quarter Groundwater Monitoring Letter Report
Underground Storage Tank (UST) Site 1120
Outlying Landing Field (OLF) Bronson
Pensacola, Florida

Dear Mr. Hill:

Tetra Tech NUS, Inc. (TtNUS) is pleased to submit the Enhanced Natural Attenuation (NA) Treatability Study Seventh Quarter Groundwater Monitoring Letter Report for the referenced Contract Task Order (CTO). This report was prepared for the United States Navy (Navy) Southern Division, Naval Facilities Engineering Command for the Comprehensive Long-term Environmental Action Navy (CLEAN) Contract Number N62467-94-D-0888. This letter report provides the results of the seventh quarter groundwater monitoring event conducted in October 2005 and summarizes the treatability study activities conducted to date at UST Site 1120.

Site Summary

OLF Bronson is located in northwest Florida, on the east side of Perdido Bay, approximately five miles west of Pensacola, Florida and about one mile from the Alabama State Line (Figure 1). OLF Bronson, which consists of approximately 950 acres of grassy areas and forest, is now known as the Blue Angel Recreation Park and is used for recreational purposes. UST Site 1120, located within the confines of OLF Bronson, is the former location of a boiler room associated with Building 1120. Three USTs were used to supply fuel oil to the boiler. The USTs have been removed from the site and the building demolished. The locations of site features and monitoring wells are shown on Figure 2.

Petroleum contamination was observed at the site on June 27, 1994 during the removal of the USTs from Building 1120. UST Closure Assessments were completed in July 1994 and May 1995, followed by the initial Site Assessment completed in August 1997. Upon review of the Site Assessment Report (SAR), the Florida Department of Environmental Protection (FDEP) issued a technical review letter which requested additional site assessment in order to meet the requirements of Chapter 62-770, Florida Administrative Code (FAC). The SAR Addendum (SARA) investigation was conducted in July 2000. Based on the additional site assessment data, the SARA report (May 23, 2001) recommended monitored NA as an appropriate remedy. On August 8, 2001, FDEP issued a request for a Monitoring Only Plan (MOP) proposal for the site. On December 12, 2001, TtNUS submitted to FDEP the MOP proposal for

UST Site 1120, which was approved on April 2, 2002 by the FDEP in an Approval Order which outlined the requirements for NA monitoring at the site.

TtNUS personnel conducted the first and second quarterly groundwater monitoring events in April 2002 and July 2002, respectively. Data collected during the second quarterly groundwater monitoring event indicated that concentrations of contaminants of concern (COCs) in the groundwater exceeded FDEP site-specific action levels. A confirmation sampling event was completed in September 2002, which confirmed the exceedance. Based on these results, TtNUS recommended that an Enhanced NA Treatability Study using Oxygen-Release Compound (ORC®) be completed at UST Site 1120.

Enhanced NA Treatability Study

The following activities were completed for the treatability study at UST Site 1120:

- The baseline groundwater monitoring event
- The ORC® injection event
- Quarterly post-injection groundwater monitoring

The baseline groundwater monitoring event was conducted June 24 through 26, 2003 and the ORC® injection event was conducted from July 13 to 19, 2003. The locations of the ORC® injection points are shown on Figure 3. Details of the various treatability study tasks are provided in the "Enhanced Natural Attenuation Treatability Study Work Plan for Site 1120, Outlying Landing Field Bronson" submitted in May 2003. Following the ORC injection, quarterly sampling events were completed in September 2003, December 2003, March 2004, and June 2004. The site was scheduled for additional quarterly sampling in September 2004; however, the landfall of Hurricane Ivan on September 16, 2004 in the Pensacola area restricted site access and delayed all proposed work until March 2005. The quarterly sampling schedule has now been resumed with sampling events completed on March 2005, June 2005, and October 2005.

Groundwater Monitoring Activities

TtNUS personnel conducted the seventh quarterly groundwater monitoring event from October 25 through October 26, 2005. The seventh quarter groundwater monitoring event included:

- Measurement of static water levels (SWLs) in site monitoring wells to determine groundwater elevation/flow direction.

- Collection of groundwater samples from selected monitoring wells for laboratory analysis of previously identified COCs.

- Field and laboratory analyses for NA parameters.

The locations of site features and monitoring wells are shown on Figure 2.

Groundwater samples for field and laboratory analysis were collected from the following monitoring wells during the sixth quarter groundwater sampling event:

- MW-02
- MW-05R
- MW-13R
- MW-14R
- MW-16R
- MW-24
- MW-25
- MW-28
- MW-29
- MW-30

Groundwater samples were collected from the monitoring wells in accordance with the current FDEP Standard Operating Procedures (SOPs). Depth-to-water was measured and the wells were purged prior to sample collection. Purging was accomplished with a peristaltic pump using the low flow purge technique. During purging, field parameters [pH, conductivity, temperature, dissolved oxygen (DO), and oxidation-reduction potential] were measured at approximately five minute intervals using an YSI 556 multiparameter instrument equipped with a flow-through cell. The instrument was calibrated according to the manufacturer's specifications at the beginning of each day. In addition, turbidity was monitored using a La Motte turbidity meter.

Following the well purging activities, the groundwater samples were analyzed in the field for the following NA parameters: ferrous iron, hydrogen sulfide, alkalinity, carbon dioxide (CO_2) and dissolved oxygen (DO). Groundwater Sample Log Sheets compiled during purging and sampling at each location are provided in Attachment A.

Laboratory Analysis

Groundwater samples were collected from site monitoring wells for off-site analysis of:

- Benzene, ethylbenzene, toluene, and total xylenes (BTEX) and methyl-tert-butyl ether (MTBE) by United States Environmental Protection Agency (USEPA) SW 846 Method 8260B
- Polynuclear aromatic hydrocarbons (PAHs) by SW846 Method 8270C with selective ion monitoring (SIM)
- Total recoverable petroleum hydrocarbons (TRPH) by the Florida Petroleum Range Organics (FL-PRO) method
- Total Organic Carbon (TOC) by SW9060
- Sulfate by SW9056

After collection, groundwater samples were placed on ice and shipped overnight via Federal Express to Katahdin Analytical Services in Westbrook, Maine. The validated groundwater analytical reports are included in Attachment B.

Groundwater Elevation and Flow Direction

The water level data collected on October 22, 2005 are presented in Table 1. The top-of-casing elevations for the monitoring wells at UST Site 1120 were surveyed previously using an arbitrary 30-foot vertical datum (the top-of-casing of MW-01). The water level data were used to estimate groundwater elevation and flow direction at the site (Figure 3). Free product was not detected in the site monitoring wells.

The water level data collected during the seventh quarter sampling event indicate that groundwater flow in the UST Site 1120 area is generally to the southwest. A localized groundwater elevation high occurred in the area of MW-2 and the former location of the USTs. This flow direction is consistent with previously reported groundwater flow data. Groundwater elevations measured during the seventh quarter sampling event were lower than the elevations measured during the sixth quarter sampling event. A total 10 wells are listed as "DRY". This is likely due to a recent period of reduced precipitation.

Groundwater Analytical Results

The analytical results for the groundwater samples collected at UST Site 1120 during the seventh quarter sampling event have been compared to the FDEP specified Site-specific Natural Attenuation Action Levels and the Florida Groundwater Cleanup Target Levels (GCTLs). The current analytical results and historic analytical results for the monitoring wells are summarized in Table 2. The sampling locations with current and previous GCTL exceedances are shown on Figure 5.

The groundwater analytical results indicted that five of the BTEX compounds including: ethyl benzene, M+P xylenes, O-xylenes, and total xylenes were detected in samples from monitoring wells at the site. All of the detected concentrations were report in designated source area monitoring well MW-14R (ethyl benzene was also detected in monitoring well MW-25); however all the detected concentrations were less than the Site-specific NA Action Levels and Florida GCTLs.

Six PAH compounds were detected at concentrations above instrument detection levels in the groundwater samples collected at Site 1120. Three of the compounds including: 1-methylnapthalene, 2-methylnapthalene and naphthalene were detected at concentrations exceeding the Florida GCTLs. The monitoring well samples containing the exceedances included MW-14R (1-methylnaphthalene, 190 micrograms per liter [μg/L], 2-methylnaphthalene, 210 μg/L, and naphthalene, 82 μg/L); MW-5R (naphthalene, 27 μg/L); and MW-25 (1-methylnaphthalene, 34 μg/L and 2-methylnaphthalene, 56 μg/L). All three monitoring wells are designated source area wells. In addition the detected concentration of 2-methylnaphthalene (210 μg/L) in monitoring well MW-14R also exceeded the Site-specific NA Action Level (200 μg/L) for a source area monitoring well. It should be noted that since the initiation of the monitored NA program at Site 1120, FDEP has re-evaluated and revised the NA Default Concentrations (Chapter 62-777 FAC, effective April 17, 2005) for petroleum sites within the state of Florida. The revised NA action level for 2-methylnaphthalene in a source area monitoring well is 280 μg/L.

Analytical results for the designated perimeter monitoring wells including monitoring MW-28, MW-29 and MW-30 revealed no exceedances of Florida GCTL or the site-specific Action Levels. However, 1-methylnaphthalene was detected in the groundwater sample from monitoring well MW-30 at a concentration of 1 μg/L.

Detected concentrations of TRPH were all less than the Site-specific NA action levels and the Florida GCTLs.

As part of QA/QC, a trip blank was collected and sent to the laboratory for analysis. The trip blank was analyzed for BTEX and MTBE using method 8260 B. No analytes were detected. The trip blank data is included in Attachment B.

NA Parameter Results

Table 3 provides a summary of the NA results and a list of the preferred range of NA parameters necessary for conditions conducive to biodegradation. The concentration of each parameter and concentration changes between monitoring events with respect to background levels indicate whether the site is conducive to aerobic degradation by naturally occurring microbes. This geochemical data provides a secondary line of evidence to determine if enhanced NA is occurring. The first measurements were recorded on June 24 and 25, 2003, and are considered baseline values of the parameters because they were recorded prior to ORC® injection.

Along with the other NA parameters, dissolved oxygen (DO) readings observed in the monitoring wells during the current sampling event are included in Table 3. The values reported in the aforementioned table are derived from field analysis using Chemetrics® test kits. All of the wells exhibited a decrease in DO concentrations between the sixth and seventh quarterly events. Monitoring wells MW-14R, MW-16R, and MW-24 had DO levels that were below method detection limits. As noted in Table 3, the preferred

concentration of DO is above 0.5 mg/L. Monitoring wells MW-02, MW-05R, MW-13R, and MW-29 contained concentrations above 0.5 mg/L. The highest DO concentration (2.5 mg/L) was reported in monitoring well MW-13R.

The presence of ferrous iron is indicative of a site in the process of bioremediation via anaerobic microbial activity. Field testing of water from sampled monitoring wells indicated an increasing concentration trend in all wells. All sampled monitoring wells exhibited an increase in ferrous iron between the sixth and seventh quarter sampling events. The increase of ferrous iron may be indicative of reduced microbial consumption of available oxygen. The concentrations reported ranged from 0.05 mg/L in MW-13R to 7.4 mg/L in MW-16R. Favorable conditions for aerobic bioremediation have ferrous iron concentrations of less than 1 mg/L.

The trend of sulfate measured in the groundwater indicates that the concentrations have fluctuated throughout the monitoring process. Results of the seventh quarter monitoring event, indicate all monitoring wells had a decrease in sulfate concentration from the previous event. Sulfate levels ranged from an estimated low of 0.64 mg/L in MW-16R to a high of 7.4 mg/L in MW-28. Increasing sulfate concentrations would normally be indicative that oxidizing conditions exist and are promoting the transition from reduced sulfides to sulfates.

Alkalinity levels were measured in the field and in four monitoring wells (MW-13R, MW-28, MW-29 and MW-30), the analyte was not present above instrument detection levels (less than 10 mg/l). Samples from monitoring wells MW-02 and MW-05R were the only samples with alkalinity levels within the preferred range of two times higher than baseline. The groundwater sample from monitoring well MW-05R contained the highest alkalinity concentration at 70 mg/L. High alkalinity levels areas of microbial activity from the dissolution of minerals by the production of carbon dioxide. The low alkalinity in the aforementioned wells could indicate that there is a lack of soluble minerals necessary for this reaction to take place.

Carbon dioxide is the by-product of biodegradation for every respiration process other than methanogenesis. Seventh quarter sampling results were inconclusive because the field test low range for all but one of the samples was 100 mg/L. All detected carbon dioxide concentrations were less than 100 mg/L.

The temperature of the water continues to fluctuate between sampling events. Progression of the seasons and the associated changes in sunlight intensity and duration are probably the most influential factors contributing to these fluctuations. All the reported readings were above the minimum recommended temperature of 20° C, which provides an environment conducive to biodegradation.

Conclusions and Recommendations

The detected concentration (210 µg/L) of 2-methylnaphthalene in monitoring well MW-14R exceeded the site specific NA action levels of 200 µg/L. When an exceedance of action levels is determined, FDEP requires that the monitoring well be resampled for confirmation and if the concentration is confirmed FDEP requires that a proposal be submitted including one of three options. The options include:

- Perform a supplemental site assessment and submit a supplemental site assessment report
- Continue the implementation of the approved NA monitoring plan
- Prepare and submit a Remedial Action Plan.

However based on the review of the historic analytical data and collected NA parameters, TtNUS recommends that an additional event of Oxygen Releasing Compound (ORC) be injected into the groundwater surrounding monitoring wells MW-14R and MW-25 to stimulate the microbe activity and supplement the NA processes.

If you have any questions with regard to this submittal, please contact me by calling (850) 385-9899 or via e-mail at walkerg@ttnus.com.

Sincerely,

Gerald Walker

Gerald Walker, P.G.
Florida License No. PG-0001180
Task Order Manager

GW/co

Attachments (4)

c: Ms. T. Vaught, FDEP
Mr. G. Campbell, NAS Pensacola
Ms. D. Wroblewski, TtNUS (cover letter only)
Mr. M. Perry/File, TtNUS (unbound copy)
Project File/Tallahassee

TABLES

TABLE 1

GROUNDWATER ELEVATION SUMMARY - SITE 1120
OCTOBER 22, 2005
SEVENTH QUARTER GROUNDWATER MONITORING LETTER REPORT
OUTLYING LANDING FIELD BRONSON
PENSACOLA, FLORIDA

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet BTOC)	Water Level Indicator Reading (feet BTOC)	Thickness of Free Product (feet)	Groundwater Elevation (feet)*
MW-1	10/22/2005	1145	30.00	18.80	16.61	NA	13.39
MW-2	10/22/2005	1126	30.08	23.40	15.40	NA	14.68
MW-3	10/22/2005	1141	30.74	23.37	17.13	NA	13.61
MW-4	10/22/2005	1206	29.08	14.50	DRY	NA	NA
MW-5R	10/22/2005	1120	28.86	25.17	16.37	NA	12.49
MW-07	10/22/2005	1136	29.46	21.64	16.00	NA	13.46
MW-08	10/22/2005	1210	29.90	17.40	16.37	NA	13.53
MW-09	10/22/2005	1215	29.96	14.41	DRY	NA	NA
MW-10	10/22/2005	1323	29.21	17.00	15.89	NA	13.32
MW-11	10/22/2005	1158	28.43	13.02	DRY	NA	NA
MW-12	10/22/2005	1320	28.66	14.90	14.68	NA	13.98
MW-13R	10/22/2005	1131	29.58	25.03	16.14	NA	13.44
MW-14R	10/22/2005	1135	29.50	24.71	15.39	NA	14.11
MW-15	10/22/2005	1217	30.38	15.10	DRY	NA	NA
MW-16R	10/22/2005	1315	28.49	24.60	15.34	NA	13.15
MW-17	10/22/2005	1213	30.71	15.94	DRY	NA	NA
MW-18	10/22/2005	1220	30.59	16.06	DRY	NA	NA
MW-19	10/22/2005	1150	30.22	22.06	16.57	NA	13.65
MW-20	10/22/2005	1153	29.85	14.88	DRY	NA	NA
MW-21	10/22/2005	1155	28.24	14.27	DRY	NA	NA
MW-22	10/22/2005	1305	28.01	24.06	14.86	NA	13.15
MW-23	10/22/2005	1304	28.52	14.75	DRY	NA	NA
MW-24	10/22/2005	1310	29.45	23.57	16.56	NA	12.89
MW-25	10/22/2005	1224	30.25	23.61	17.75	NA	12.50
MW-26	10/22/2005	1340	30.91	16.15	DRY	NA	NA
MW-27	10/22/2005	1230	32.55	24.62	19.71	NA	12.84
MW-28	10/22/2005	1235	32.68	24.25	20.00	NA	12.68
MW-29	10/22/2005	1245	31.03	24.49	18.30	NA	12.73
MW-30	10/22/2005	1248	29.71	24.24	16.98	NA	12.73
MW-31	10/22/2005	1258	29.18	23.80	16.33	NA	12.85
MW-32	10/22/2005	1242	30.43	17.92	17.82	NA	12.61
MW-33	10/22/2005	1238	32.11	20.30	19.52	NA	12.59
DMW-34	10/22/2005	1345	31.46	38.27	17.15	NA	14.31
DMW-35	10/22/2005	1327	32.26	42.66	19.16	NA	13.10

Notes:
* = Elevation based on an arbituary elevation of 30 feet at monitoring well MW-1
BTOC = Below top of casing
NA = Not Applicable

TABLE 2
SUMMARY OF LABORATORY DETECTED GROUNDWATER EXCEEDANCES
UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-01								MW-02								MW-04							
FDEP WELL DESIGNATION												Contaminated well								Contaminated well							
SAMPLE ID				BRN-1120-MW01								BRN-1120-MW02								BRN-1120-MW04							
SAMPLING EVENT				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
COLLECTION DATE				06/24/03	09/25/03	12/10/03	NS	NS	03/02/05	NS	NS	06/24/03	09/25/03	12/10/03	03/11/04	06/08/04	03/02/05	06/07/05	10/25/05	06/24/03	09/25/03	12/10/03	03/11/04	06/08/04	03/02/05	06/07/05	NS
VOCs[3] (ug/L)																											
BENZENE	1	NC	NC	1 U	1 U	1 U	NS	NS	1 U	NS	NS	1 U	1 U	0.09 J	1 U	1 U	1 U	1 U	0.3 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS
ETHYLBENZENE	30	300	30	1 U	1 U	1 U	NS	NS	1 U	NS	NS	0.5 J	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	14	1 U	6	1 U	3	1 U	1 U	NS
M+P-XYLENES	NC	NC	NC	1 U	2 U	2 U	NS	NS	NR	NS	NS	1 U	2 U	2 U	2 U	2 U	NR	NR	0.5 U	28	2 U	12	2 U	3	NR	NR	NS
O-XYLENE	NC	NC	NC	1 U	1 U	1 U	NS	NS	NR	NS	NS	0.5 J	1 U	1 U	1 U	1 U	NR	NR	0.3 U	1 U	1 U	1 U	1 U	1 U	NR	NR	NS
TOLUENE	40	NC	NC	1 U	1 U	1 U	NS	NS	1 U	NS	NS	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS
TOTAL XYLENES	20	200	20	1 U	3 U	3 U	NS	NS	3 U	NS	NS	2	3 U	3 U	3 U	3 U	3 U	3 U	0.8 U	28	3 U	12	3 U	3	3 U	3 U	NS
PAHs[4] (ug/L)																											
1-METHYLNAPHTHALENE	28	200	20	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	5.9	0.2 U	1.4	0.18 J	5.2	3.1	0.2 U	15	380	0.2 U	36	0.2 U	18	0.2 U	0.2 U	NS
2-METHYLNAPHTHALENE	28	200	20	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	4.9	0.2 U	1.2	0.22	4.9	3.1	0.2 U	14	220	0.2 U	52	0.2 U	21	0.2 U	0.2 U	NS
ACENAPHTHENE	20	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 J	110 U	0.2 U	7.7 U	0.2 U	0.3	0.2 U	0.2 U	NS
ACENAPHTHYLENE	210	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 U	110 U	0.2 U	7.7 U	0.2 U	0.2 U	0.2 U	0.2 U	NS
BENZO(A)ANTHRACENE	0.05	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	110 U	0.2 U	7.7 U	0.2 U	0.2 U	0.2 U	0.2 U	NS
BENZO(K)FLUORANTHENE	0.5	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	110 U	0.2 U	7.7 U	0.2 U	0.2 U	0.2 U	0.2 U	NS
CHRYSENE	4.8	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	110 U	0.2 U	7.7 U	0.2 U	0.2 U	0.2 U	0.2 U	NS
FLUORANTHENE	280	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 U	110 U	0.2 U	7.7 U	0.2 U	0.2 U	0.2 U	0.2 U	NS
FLUORENE	280	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.092 J	0.2 U	0.2 U	0.2 J	110 U	0.2 U	7.7 U	0.2 U	0.52	0.2 U	0.2 U	NS
NAPHTHALENE	14	200	20	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	3	0.2 U	1.3	0.54	2.6	1.2	0.2 U	2	440	0.2 U	42	0.2 U	20	0.2 U	0.2 U	NS
PHENANTHRENE	210	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	110 U	0.2 U	7.7 U	0.2 U	0.26	0.2 U	0.2 U	NS
PYRENE	210	NC	NC	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	NS	NS	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.09 U	110 U	0.2 U	7.7 U	0.2 U	0.2 U	0.2 U	0.2 U	NS
TRPH[5] (ug/L)																											
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	500 U	290 J	530 U	NS	NS	320 J	NS	NS	1600	500 U	1700 U	500 U	670 J	680 J	420 J	560 U	3200	720	1800 U	290 J	650	1700 U	470 J	NS

Notes:

440	Exceeds GCTL
440	Exceeds GCTL and SSAL

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
[2] Site-specific Natural Attenuation Action Levels FDEP April 2, 2002.
[3] VOCs (SW-846 8260B)
[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
[5] TRPH = Total Recoverable Petroleum Hydrocarbons (FDEP FL-PRO)
J = Estimated concentration
U = non-detect value
µg/L = micrograms per liter
NC = No Criteria
FAC = Florida Administrative Code
NS = Not sampled
NR = Not reported

TABLE 2
SUMMARY OF LABORATORY DETECTED GROUNDWATER EXCEEDANCES
UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-05R Contaminated well								MW-07								MW-08							
FDEP WELL DESIGNATION				BRN-1120-MW05R								BRN-1120-MW07								BRN-1120-MW08							
SAMPLE ID				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
SAMPLING EVENT																											
COLLECTION DATE				06/24/03	09/25/03	12/10/03	03/11/04	06/08/04	03/02/05	06/07/05	10/26/05	06/25/03	09/26/03	12/11/03	03/11/04	06/08/04	03/03/05	NS	NS	NS	09/25/03	NS	03/11/04	NS	NS	NS	NS
VOCs[3] (ug/L)																											
BENZENE	1	NC	NC	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.3 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	1 U	NS	1 U	NS	NS	NS	NS
ETHYLBENZENE	30	300	30	0.3 J	1 U	10	1 U	12	0.96 J	1.0 U	6	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	NS	1 U	NS	1 U	NS	NS	NS	NS
M+P-XYLENES	NC	NC	NC	1 U	2 U	30	2 U	28	NR	NR	16	1 U	2 U	2 U	2 U	2 U	NR	NS	NS	NS	2 U	NS	2 U	NS	NS	NS	NS
O-XYLENE	NC	NC	NC	1 U	1 U	1 U	1 U	0.6 J	NR	NR	0.3 U	1 U	1 U	1 U	1 U	1 U	NR	NS	NS	NS	1 U	NS	1 U	NS	NS	NS	NS
TOLUENE	40	NC	NC	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.2 U	1 U	1 U	1 U	1 U	1 U	0.43 J	NS	NS	NS	1 U	NS	1 U	NS	NS	NS	NS
TOTAL XYLENES	20	200	20	1 U	3 U	30	3 U	28	2.8 J	3.0 U	16	1 U	3 U	3 U	3 U	3 U	3 U	NS	NS	NS	3 U	NS	3 U	NS	NS	NS	NS
PAHs[4] (ug/L)																											
1-METHYLNAPHTHALENE	28	200	20	2.2	0.2 U	34	0.2 U	37	0.31	0.2 U	16	0.2 U	0.2 U	0.37	0.094 J	0.84	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
2-METHYLNAPHTHALENE	28	200	20	1.3	0.2 U	43	0.2 U	44	0.27	0.2 U	11	0.2 U	0.2 U	0.25	0.098 J	0.64	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
ACENAPHTHENE	20	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.47	0.2 U	.15 J	0.1 J	0.2 U	0.2 U	0.2 U	0.2 U	0.1 J	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
ACENAPHTHYLENE	210	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 U	0.2 U	0.2 U	0.051	0.2 U	0.21 U	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
BENZO(A)ANTHRACENE	0.05	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
BENZO(K)FLUORANTHENE	0.5	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
CHRYSENE	4.8	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
FLUORANTHENE	280	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
FLUORENE	280	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.85	0.2 U	0.2 U	0.1 J	0.2 U	0.2 U	0.11	0.2 U	0.3	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
NAPHTHALENE	14	200	20	2.1	0.2 U	48	0.2 U	46	2.0	0.2 U	27	0.2 U	0.2 U	0.2 U	0.2 U	0.12 J	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
PHENANTHRENE	210	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.38	0.2 U	0.2 U	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.18 J	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
PYRENE	210	NC	NC	0.2 U	0.2 U	7.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.09 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	NS	NS	NS	0.2 U	NS	0.2 U	NS	NS	NS	NS
TRPH[5] (ug/L)																											
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	620	890	1800 U	350 J	1200	1100 J	1300 J	570	500 U	500 U	500 U	500 U	310 J	1700 U	NS	NS	NS	500 U	NS	500 U	NS	NS	NS	NS

Notes:

440	Exceeds GCTL
440	Exceeds GCTL and NADSC

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
[2] Site-specific Natural Attenuation Action Levels FDEP April 2, 2002.
[3] VOCs (SW-846 8260B)
[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
[5] TRPH = Total Recoverable Petroleum Hydrocarbons (FDEP FL-PRO)

J = Estimated concentration
U = non-detect value
µg/L = micrograms per liter
NC = No Criteria
FAC = Florida Administrative Code
NS = Not sampled
NR = Not reported

TABLE 2
SUMMARY OF LABORATORY DETECTED GROUNDWATER EXCEEDANCES
UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-13R Contaminated well BRN-1120-MW13R								MW-14R Contaminated well BRN-1120-MW14R								MW-16R Contaminated well BRN-1120-MW16R							
FDEP WELL DESIGNATION																											
SAMPLE ID				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
SAMPLING EVENT																											
COLLECTION DATE				06/25/03	09/25/03	12/10/03	03/11/04	NS	NS	06/07/05	10/25/05	06/25/03	09/25/03	12/10/03	03/10/04	06/07/04	03/02/05	06/08/05	10/25/05	06/25/03	09/24/03	12/10/03	03/10/04	06/07/04	03/03/05	06/08/05	10/26/05
VOCs[3] (ug/L)																											
BENZENE	1	NC	NC	1 U	1 U	1 U	1 U	NS	NS	1.0 U	0.3 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.3 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.3 U
ETHYLBENZENE	30	300	30	1 U	1 U	1 U	1 U	NS	NS	1.0 U	0.2 U	16	3	9	23	11	5.5	1.0 U	7	1 U	0.7 J	1 U	1 U	1 U	1 U	2.9	0.2 U
M+P-XYLENES	NC	NC	NC	1 U	2 U	2 U	2 U	NS	NS	NR	0.5 U	32	5	12	51	10	NR	NR	5	1 U	3	2 U	2 U	2 U	NR	NR	0.5 U
O-XYLENE	NC	NC	NC	1 U	1 U	1 U	1 U	NS	NS	NR	0.3 U	1 U	1 U	1 U	1 U	0.6 J	NR	NR	0.5 J	1 U	1 U	1 U	1 U	1 U	NR	NR	0.3 U
TOLUENE	40	NC	NC	1 U	1 U	1 U	1 U	NS	NS	1.0 U	0.2 U	1 U	1 U	1 U	1 U	1 U	0.33 J	1.0 U	0.2 U	1 U	1 U	1 U	1 U	1 U	0.34 J	1.0 U	0.2 U
TOTAL XYLENES	20	200	20	1 U	3 U	3 U	3 U	NS	NS	3.0 U	0.8 U	32	5	12	51	10	10	3.0 U	6	1 U	3	3 U	3 U	3 U	3 U	9	0.8 U
PAHs[4] (ug/L)																											
1-METHYLNAPHTHALENE	28	200	20	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.1 U	160	76	130	160	140	120	0.75	190	2.3	5	13	0.099 J	5.6	1.4	11	14
2-METHYLNAPHTHALENE	28	200	20	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.06 U	150	97	200	210	200	140	1.1	210	5.6	6.2	23	0.2 J	7	2.4	17	20
ACENAPHTHENE	20	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.09 U	44 U	7.5 U	19 U	2.6	1.5	1.7	0.2 U	3	0.97 U	0.75 U	0.98 J	0.2 U	0.19 J	0.2 U	0.17 J	0.09 U
ACENAPHTHYLENE	210	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.04 U	44 U	7.5 U	19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 U	0.97 U	0.75 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 U
BENZO(A)ANTHRACENE	0.05	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.08 U	44 U	7.5 U	19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	0.97 U	0.75 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U
BENZO(K)FLUORANTHENE	0.5	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.1 U	44 U	7.5 U	19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.97 U	0.75 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U
CHRYSENE	4.8	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.05 U	44 U	7.5 U	19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	0.97 U	0.75 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U
FLUORANTHENE	280	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.07 U	44 U	7.5 U	19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 U	0.97 U	0.75 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 U
FLUORENE	280	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.06 U	44 U	2.5 J	19 U	4.1 E	2.9	3.4	0.2 U	4	0.97 U	0.75 U	1.1 J	0.2 U	0.48	0.079 J	0.26	1
NAPHTHALENE	14	200	20	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.05 U	52	41	98	160	100	62	0.46	82	0.97 U	1.4	1.9 U	0.2 U	0.2	0.2 U	12	0.5
PHENANTHRENE	210	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.08 U	44 U	7.5 U	19 U	2.2	2.2	2.6	0.2 U	3	0.97 U	0.75 U	1.9 U	0.2 U	0.12 J	0.057 J	0.10 J	0.4
PYRENE	210	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	NS	NS	0.2 U	0.09 U	44 U	7.5 U	19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	0.97 U	0.75 U	1.9 U	0.2 U	0.2 U	0.2 U	0.2 U	0.09 U
TRPH[5] (ug/L)																											
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	510 U	500 U	280 J	500 U	NS	NS	1700 U	220 U	3800	4600	4000	2500	2200	5100	1700 U	2600	400 J	360 J	1100 U	500 U	420 J	1700 U	450 J	780

Notes:

440	Exceeds GCTL
440	Exceeds GCTL and NADSC

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
[2] Site-specific Natural Attenuation Action Levels FDEP April 2, 2002.
[3] VOCs (SW-846 8260B)
[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
[5] TRPH = Total Recoverable Petroleum Hydrocarbons (FDEP FL-PRO)
J = Estimated concentration
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TABLE 2
SUMMARY OF LABORATORY DETECTED GROUNDWATER EXCEEDANCES
UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-17								MW-18								MW-24 Contaminated well							
FDEP WELL DESIGNATION				BRN-1120-MW17								BRN-1120-MW18								BRN-1120-MW24							
SAMPLE ID				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
SAMPLING EVENT																											
COLLECTION DATE				06/26/03	09/26/03	12/11/03	03/11/04	NS	NS	NS	NS	06/26/03	09/26/03	12/11/03	03/10/04	06/08/04	03/03/05	NS	NS	06/25/03	09/24/03	12/10/03	03/10/04	06/07/04	03/03/05	06/07/05	10/26/05
VOCs[3] (ug/L)																											
BENZENE	1	NC	NC	1 U	1 U	1 U	1 U	NS	NS	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.3 U
ETHYLBENZENE	30	300	30	1 U	1 U	1 U	1 U	NS	NS	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.2 U
M+P-XYLENES	NC	NC	NC	1 U	2 U	2 U	2 U	NS	NS	NS	NS	1 U	2 U	2 U	2 U	2 U	NR	NS	NS	1 U	2 U	2 U	2 U	2 U	NR	NR	0.5 U
O-XYLENE	NC	NC	NC	1 U	1 U	1 U	1 U	NS	NS	NS	NS	1 U	1 U	1 U	1 U	1 U	NR	NS	NS	1 U	1 U	1 U	1 U	1 U	NR	NR	0.3 U
TOLUENE	40	NC	NC	1 U	1 U	1 U	1 U	NS	NS	NS	NS	1 U	1 U	1 U	1 U	1 U	0.64 J	NS	NS	1 U	1 U	1 U	1 U	1 U	0.37 J	1.0 U	0.2 U
TOTAL XYLENES	20	200	20	1 U	3 U	3 U	3 U	NS	NS	NS	NS	1 U	3 U	3 U	3 U	3 U	3 U	NS	NS	1 U	3 U	3 U	3 U	3 U	3 U	3.0 U	0.8 U
PAHs[4] (ug/L)																											
1-METHYLNAPHTHALENE	28	200	20	0.11 J	0.2 U	0.096	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	6.7	0.2 U	26	4.2	8.6	3.6	0.075 J	3
2-METHYLNAPHTHALENE	28	200	20	0.092 J	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	5.9	0.12 J	50	6	16	17	0.11 J	17
ACENAPHTHENE	20	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.17 J	7.5 U	0.3	0.36	0.4	0.2 U	0.8
ACENAPHTHYLENE	210	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.74 J	0.2 U	7.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 U
BENZO(A)ANTHRACENE	0.05	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.13 J	7.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U
BENZO(K)FLUORANTHENE	0.5	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.16 J	7.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U
CHRYSENE	4.8	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.2 U	7.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U
FLUORANTHENE	280	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.2 U	7.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 U
FLUORENE	280	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.7 J	0.2 U	2.9 J	0.39	1.1	0.86	0.2 U	1
NAPHTHALENE	14	200	20	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.13 J	7.5 U	0.08 J	0.36	0.28	0.2 U	0.8
PHENANTHRENE	210	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.2 U	7.5 U	0.17 J	0.44	0.88	0.2 U	0.3
PYRENE	210	NC	NC	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	NS	NS	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	1 U	0.19 J	7.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.09 U
TRPH[5] (ug/L)																											
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	400 J	500 U	310 U	500 U	NS	NS	NS	NS	1300	500 U	570 U	500 U	500 U	1700 U	NS	NS	1200	500 U	2200 U	350 J	690	1200 J	1700 U	780

Notes:

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440	Exceeds GCTL and NADSC

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
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[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
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UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-25								MW-26								MW-27							
FDEP WELL DESIGNATION				Contaminated well								Contaminated well															
SAMPLE ID				BRN-1120-MW25								BRN-1120-MW26								BRN-1120-MW27							
SAMPLING EVENT				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
COLLECTION DATE				06/25/03	09/25/03	12/11/03	03/10/04	NS	NS	06/08/05	10/26/05	06/26/03	09/24/03	12/11/03	03/10/04	06/07/04	NS	06/08/05	NS	06/26/03	09/25/03	12/10/03	03/10/04	06/08/04	03/03/05	NS	NS
VOCs[3] (ug/L)																											
BENZENE	1	NC	NC	1 U	1 U	1 U	1 U	NS	NS	1.0 U	0.3 U	1 U	1 U	1 U	1 U	1 U	NS	1.0 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS
ETHYLBENZENE	30	300	30	1	1 U	0.8 U	0.9 J	NS	NS	1.0 U	0.3 J	1 U	1 U	1 U	1 U	1 U	NS	1.0 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS
M+P-XYLENES	NC	NC	NC	1 U	2 U	0.4 J	2	NS	NS	NR	0.5 U	1 U	2 U	2 U	2 U	2 U	NS	NR	NS	1 U	2 U	2 U	2 U	2 U	NR	NS	NS
O-XYLENE	NC	NC	NC	1 U	1 U	1 U	1 U	NS	NS	NR	0.3 U	1 U	1 U	1 U	1 U	1 U	NS	NR	NS	1 U	1 U	1 U	1 U	1 U	NR	NS	NS
TOLUENE	40	NC	NC	1 U	1 U	1 U	1 U	NS	NS	1.0 U	0.2 U	1 U	1 U	1 U	1 U	1 U	NS	1.0 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS
TOTAL XYLENES	20	200	20	1 U	3 U	3 U	2 J	NS	NS	3.0 U	0.8 U	1 U	3 U	3 U	3 U	3 U	NS	3.0 U	NS	1 U	3 U	3 U	3 U	3 U	3 U	NS	NS
PAHs[4] (ug/L)																											
1-METHYLNAPHTHALENE	28	200	20	7.3	0.2 U	17	14	NS	NS	0.2 U	34	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
2-METHYLNAPHTHALENE	28	200	20	20	0.11 J	56	18	NS	NS	0.2 U	56	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
ACENAPHTHENE	20	NC	NC	1.9 U	0.2 U	7.7 U	0.24	NS	NS	0.2 U	0.09 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
ACENAPHTHYLENE	210	NC	NC	1.9 U	0.2 U	7.7 U	0.2 U	NS	NS	0.2 U	0.04 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
BENZO(A)ANTHRACENE	0.05	NC	NC	1.9 U	0.2 U	7.7 U	0.2 U	NS	NS	0.2 U	0.08 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.17 J	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
BENZO(K)FLUORANTHENE	0.5	NC	NC	1.9 U	0.2 U	7.7 U	0.2 U	NS	NS	0.2 U	0.1 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
CHRYSENE	4.8	NC	NC	1.9 U	0.2 U	7.7 U	0.2 U	NS	NS	0.2 U	0.05 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.14 J	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
FLUORANTHENE	280	NC	NC	1.9 U	0.2 U	7.7 U	0.2 U	NS	NS	0.2 U	0.07 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.17 J	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
FLUORENE	280	NC	NC	1.9 U	0.2 U	7.7 U	0.36	NS	NS	0.2 U	2	0.21 U	0.2 U	0.2 U	0.2 U	0.17 J	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
NAPHTHALENE	14	200	20	6	0.2 U	16	6.4	NS	NS	0.2 U	9	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
PHENANTHRENE	210	NC	NC	1.9 U	0.2 U	7.7 U	0.11 J	NS	NS	0.2 U	0.8	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.077 J	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
PYRENE	210	NC	NC	1.9 U	0.2 U	7.7 U	0.2 U	NS	NS	0.2 U	0.09 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	0.2 U	NS	0.2 U	0.22	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
TRPH[5] (ug/L)																											
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	950	500 U	1300 U	450 J	NS	NS	1700 U	700	520 U	500 U	500 U	500 U	500 U	NS	1700 U	NS	500 U	500 U	330 U	500 U	500 U	1700 J	NS	NS

Notes:

440	Exceeds GCTL
440	Exceeds GCTL and NADSC

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
[2] Site-specific Natural Attenuation Action Levels FDEP April 2, 2002.
[3] VOCs (SW-846 8260B)
[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
[5] TRPH = Total Recoverable Petroleum Hydrocarbons (FDEP FL-PRO)

J = Estimated concentration
U = non-detect value
µg/L = micrograms per liter
NC = No Criteria
FAC = Florida Administrative Code
NS = Not sampled
NR = Not reported

TABLE 2
SUMMARY OF LABORATORY DETECTED GROUNDWATER EXCEEDANCES
UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-28								MW-29								MW-30							
FDEP WELL DESIGNATION				Perimeter Well								Perimeter Well								Perimeter Well							
SAMPLE ID				BRN-1120-MW28								BRN-1120-MW29								OLFB1120MW30							
SAMPLING EVENT				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
COLLECTION DATE				06/26/03	09/25/03	12/10/03	03/10/04	06/08/04	03/03/05	06/07/05	10/25/05	NS	09/25/03	12/10/03	03/10/04	06/08/04	NS	NS	10/25/05	NS	NS	NS	NS	06/07/04	NS	NS	10/26/05
VOCs[3] (ug/L)																											
BENZENE	1	NC	NC	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.3 U	NS	1 U	1 U	1 U	1 U	NS	NS	0.3 U	NS	NS	NS	NS	1 U	NS	NS	0.3 U
ETHYLBENZENE	30	300	30	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.2 U	NS	1 U	1 U	0.3 J	0.4 J	NS	NS	0.2 U	NS	NS	NS	NS	1 U	NS	NS	0.2 U
M+P-XYLENES	NC	NC	NC	1 U	2 U	2 U	2 U	2 U	NR	NR	0.5 U	NS	2 U	2 U	2 U	2 U	NS	NS	0.5 U	NS	NS	NS	NS	2 U	NS	NS	0.5 U
O-XYLENE	NC	NC	NC	1 U	1 U	1 U	1 U	1 U	NR	NR	0.3 U	NS	1 U	1 U	1 U	1 U	NS	NS	0.3 U	NS	NS	NS	NS	1 U	NS	NS	0.3 U
TOLUENE	40	NC	NC	1 U	1 U	1 U	1 U	1 U	0.30 J	1.0 U	0.2 U	NS	1 U	1 U	0.2 J	1 U	NS	NS	0.2 U	NS	NS	NS	NS	1 U	NS	NS	0.2 U
TOTAL XYLENES	20	200	20	1 U	3 U	3 U	3 U	3 U	3 U	3.0 U	0.8 U	NS	3 U	3 U	3 U	3 U	NS	NS	0.8 U	NS	NS	NS	NS	3 U	NS	NS	0.8 U
PAHs[4] (ug/L)																											
1-METHYLNAPHTHALENE	28	200	20	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.09 U	NS	0.2 U	0.2 U	0.2 U	0.085 J	NS	NS	0.09 U	NS	NS	NS	NS	0.33	NS	NS	0.09 U
2-METHYLNAPHTHALENE	28	200	20	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.06 U	NS	0.2 U	1.2	0.97	2.7	NS	NS	0.06 U	NS	NS	NS	NS	3.6	NS	NS	1
ACENAPHTHENE	20	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	NS	0.2 U	0.2 U	0.12 J	0.21	NS	NS	0.08 U	NS	NS	NS	NS	0.34	NS	NS	0.08 U
ACENAPHTHYLENE	210	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.04 U	NS	NS	NS	NS	0.2 U	NS	NS	0.04 U
BENZO(A)ANTHRACENE	0.05	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.08 U	NS	NS	NS	NS	0.2 U	NS	NS	0.08 U
BENZO(K)FLUORANTHENE	0.5	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.09 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.09 U	NS	NS	NS	NS	0.2 U	NS	NS	0.09 U
CHRYSENE	4.8	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.05 U	NS	NS	NS	NS	0.2 U	NS	NS	0.05 U
FLUORANTHENE	280	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.07 U	NS	NS	NS	NS	0.2 U	NS	NS	0.07 U
FLUORENE	280	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.06 U	NS	0.2 U	0.11 J	0.19 J	0.38	NS	NS	0.06 U	NS	NS	NS	NS	1	NS	NS	0.5
NAPHTHALENE	14	200	20	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	NS	0.2 U	0.12 J	0.52	1.6	NS	NS	0.05 U	NS	NS	NS	NS	0.29	NS	NS	0.2
PHENANTHRENE	210	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	NS	0.2 U	0.2 U	0.1 J	0.086 J	NS	NS	0.08 U	NS	NS	NS	NS	0.43	NS	NS	0.3
PYRENE	210	NC	NC	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS	0.08 U	NS	NS	NS	NS	0.2 U	NS	NS	0.08 U
TRPH[5] (ug/L)																											
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	500 U	500 U	340 U	500 U	500 U	1700 J	1700 U	210 U	NS	500 U	500 U	500 U	300 J	NS	NS	220 U	NS	NS	NS	NS	490	NS	NS	540

Notes:

440	Exceeds GCTL
440	Exceeds GCTL and NADSC

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
[2] Site-specific Natural Attenuation Action Levels FDEP April 2, 2002.
[3] VOCs (SW-846 8260B)
[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
[5] TRPH = Total Recoverable Petroleum Hydrocarbons (FDEP FL-PRO)
J = Estimated concentration
U = non-detect value
µg/L = micrograms per liter
NC = No Criteria
FAC = Florida Administrative Code
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TABLE 2
SUMMARY OF LABORATORY DETECTED GROUNDWATER EXCEEDANCES
UST SITE 1120
OUTLYING LANDING FIELD BRONSON
PENSACOLA FLORIDA

WELL NAME	GCTL[1] (ug/L)	Cont. Wells SSAL[2] (ug/L)	Peri. Wells SSAL[2] (ug/L)	MW-32								MW-35							
FDEP WELL DESIGNATION				BRN-1120-MW32								BRN-1120-MW35							
SAMPLE ID				Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
SAMPLING EVENT																			
COLLECTION DATE				06/26/03	NS	NS	NS	NS	03/03/05	06/07/05	NS	06/26/03	09/25/03	12/10/03	03/10/04	06/07/04	03/02/05	NS	NS
VOCs[3] (ug/L)																			
BENZENE	1	NC	NC	1 U	NS	NS	NS	NS	1 U	1.0 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS
ETHYLBENZENE	30	300	30	1 U	NS	NS	NS	NS	1 U	1.0 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	NS	NS
M+P-XYLENES	NC	NC	NC	1 U	NS	NS	NS	NS	NR	NR	NS	1 U	2 U	2 U	2 U	2 U	NR	NS	NS
O-XYLENE	NC	NC	NC	1 U	NS	NS	NS	NS	NR	NR	NS	1 U	1 U	1 U	1 U	1 U	NR	NS	NS
TOLUENE	40	NC	NC	1 U	NS	NS	NS	NS	0.30 J	1.0 U	NS	1 U	1 U	1 U	1 U	1 U	0.27 J	NS	NS
TOTAL XYLENES	20	200	20	1 U	NS	NS	NS	NS	3 U	3.0 U	NS	1 U	3 U	3 U	3 U	3 U	3 U	NS	NS
PAHs[4] (ug/L)																			
1-METHYLNAPHTHALENE	28	200	20	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
2-METHYLNAPHTHALENE	28	200	20	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
ACENAPHTHENE	20	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
ACENAPHTHYLENE	210	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
BENZO(A)ANTHRACENE	0.05	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
BENZO(K)FLUORANTHENE	0.5	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
CHRYSENE	4.8	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
FLUORANTHENE	280	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
FLUORENE	280	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
NAPHTHALENE	14	200	20	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
PHENANTHRENE	210	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
PYRENE	210	NC	NC	0.2 U	NS	NS	NS	NS	0.2 U	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NS	NS
TRPH[5] (ug/L)																			
TOTAL PETROLEUM HYDROCARBONS	5000	50000	5000	500 U	NS	NS	NS	NS	1700 J	1700 U	NS	500 U	500 U	350 U	500 U	500 U	1700J	NS	NS

Notes:

440	Exceeds GCTL
440	Exceeds GCTL and NADSC

[1] Groundwater Cleanup Target Level as provided in Chapter 62-777, FAC.
[2] Site-specific Natural Attenuation Action Levels FDEP April 2, 2002.
[3] VOCs (SW-846 8260B)
[4] PAHs = Polynuclear Aromatic Hydrocarbons (SW-846 8270 SIM)
[5] TRPH = Total Recoverable Petroleum Hydrocarbons (FDEP FL-PRO)
J = Estimated concentration
U = non-detect value
µg/L = micrograms per liter
NC = No Criteria
FAC = Florida Administrative Code
NS = Not sampled
NR = Not reported

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-1								MW-2							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/24/03	9/25/03	12/10/03	3/11/04	6/8/04	3/2/05	6/7/05	10/25/05	6/24/03	9/25/03	12/10/03	3/11/04	6/8/04	3/2/05	6/7/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	1.06	4	5.0	NS	NS	5.0	NS	NS	3.0	12	1.0	4.0	2.0	3.5	5.5	0.9
Carbon Dioxide	> 2X	mg/L	40	40	11	NS	NS	16.0	NS	NS	33	25	14.5	<100	50	13	10	<100
Alkalinity	> 2X	mg/L	70	80	40	NS	NS	60.0	NS	NS	16	45	50	35	< 10	35	33	70
Ferrous Iron	decreasing trend	mg/L	1.4	--	0.06	NS	NS	0.0	NS	NS	1.2	--	0.8	0.08	2.05	0.22	0.05	1.80
Hydrogen Sulfide	decreasing trend	mg/L	1	--	--	NS	NS	--	NS	NS	0.3	--	--	--	0.1	0.1	NS	0.1
Temperature	> 20 °C	°C	23.96	25.97	22.5	NS	NS	20.2	NS	NS	22.83	24.68	22.39	20.31	21.44	20.41	21.53	23.59
pH	5 < pH < 9	SU	6.62	6.43	7.06	NS	NS	6.6	NS	NS	5.20	6.05	7.26	7.63	6.37	6.38	6.5	6.63
ORP	increasing trend	mV	121.0	121	45	NS	NS	53.6	NS	NS	22.3	10	-165	-18.9	-36.3	-17.7	10.4	-120.80
Laboratory Parameters																		
Sulfate		mg/L	1 U	1 U	4.2	NS	NS	9.5	NS	NS	3	1 U	0.53 J	0.85 J	1.0 U	6	5	.94 J
Total Organic Carbon		mg/L	2 U	2 U	3.2	NS	NS	1.89	NS	NS	7.2	3 U	8	2.5	4.3	3.22	5.11	3

Notes:
2X = two times background concentration
mg/L = milligrams per liter
ORP = Oxidation-reduction potential
NS = not sampled
°C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
U = non-detect value
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-4								MW-5R							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/24/03	9/25/03	12/10/03	3/11/04	6/8/04	3/2/05	6/7/05	10/25/05	6/24/03	9/25/03	12/10/03	3/11/04	6/8/04	3/2/05	6/7/05	10/26/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	0.2	2	0.8	6	0.8	3	1	NS	4	2	0.9	4.5	2.5	3	3.0	0.6
Carbon Dioxide	> 2X	mg/L	70	70	14	11	42	18	25	NS	25	65	20	10	180	13	33	<100
Alkalinity	> 2X	mg/L	25	40	25	<10	25	<10	<10	NS	<10	75	20	14	350	12	65	33
Ferrous Iron	decreasing trend	mg/L	6.8	0.6	2.8	1.25	2.68	0.38	0.04	NS	1.4	0.2	2.6	1.39	2.53	0.57	0.05	2.6
Hydrogen Sulfide	decreasing trend	mg/L	0.2	0.7	0.08	--	0.1	0.2	NS	NS	1	--	--	--	--	--	NS	0
Temperature	> 20 ºC	°C	23.25	24.97	23.06	19.84	23.00	20.33	22.12	NS	23.48	25.84	22.73	20.05	21.80	21.05	22.39	22.57
pH	5 < pH < 9	SU	5.41	5.51	6.55	6.63	6.31	5.78	5.5	NS	5.33	5.76	6.61	6.89	5.99	5.97	6.26	6.14
ORP	increasing trend	mV	2.6	27	-179	-5	-37.4	29.3	4.3	NS	129	53	-89	1.7	23.2	55.4	8.4	8.6
Laboratory Parameters																		
Sulfate		mg/L	3.4	7	3.5	4.6	1.0 U	5.8	5.2	NS	8.2	1 U	6.2	6.9	1.8	5.4	6.0	2.9
Total Organic Carbon		mg/L	13	6.2	4.6	2	5.3	1.33	2.29	NS	3 U	9.9	6.2	3.2	3.4	2.9	6.2	2.6

Notes:
2X = two times background concentration
mg/L = milligrams per liter
ORP = Oxidation-reduction potential
NS = not sampled
°C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
U = non-detect value
-- = Analyte not detected above the instrument detection limit

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-7								MW-8							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/25/03	9/26/03	12/11/03	3/11/04	6/8/04	3/2/05	6/7/05	10/25/05	NS	9/25/03	NS	3/11/04	NS	NS	6/7/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	4-5	5	5	3	1	3.0	NS	NS	NS	3.0	NS	3	NS	NS	NS	NS
Carbon Dioxide	> 2X	mg/L	16	25	14	<10	16	14	NS	NS	NS	35	NS	18	NS	NS	NS	NS
Alkalinity	> 2X	mg/L	<10	5	< 10	<10	<10	<10	NS	NS	NS	<5	NS	<11	NS	NS	NS	NS
Ferrous Iron	decreasing trend	mg/L	--	--	1.4	--	0.62	3.11	NS	NS	NS	0.6	NS	2.51	NS	NS	NS	NS
Hydrogen Sulfide	decreasing trend	mg/L	--	--	--	--	--	--	NS	NS	NS	--	NS	0.5	NS	NS	NS	NS
Temperature	> 20 ºC	^{o}C	22.48	24.25	22.61	20.05	21.60	19.76	NS	NS	NS	24.04	NS	19.74	NS	NS	NS	NS
pH	5 < pH < 9	SU	5.29	4.34	5.51	5.45	4.45	5.74	NS	NS	NS	3.84	NS	4.99	NS	NS	NS	NS
ORP	increasing trend	mV	169.5	339	139	11.7	257.4	41.5	NS	NS	NS	108	NS	-17.4	NS	NS	NS	NS
Laboratory Parameters																		
Sulfate		mg/L	3.8	3.3	4	2.8	1.0 U	6.5	NS	NS	NS	10	NS	4.5	NS	NS	NS	NS
Total Organic Carbon		mg/L	0.6928 U	1 U	1.1	0.34 J	1.0	<.81	NS	NS	NS	2 U	NS	3.4	NS	NS	NS	NS

Notes:
2X = two times background concentration
mg/L = milligrams per liter
ORP = Oxidation-reduction potential
NS = not sampled
^{o}C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
U = non-detect value
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-13R								MW-14R							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/25/03	9/25/03	12/10/03	3/11/04	6/7/04	3/2/05	6/7/05	10/25/05	6/25/03	9/25/03	12/10/03	3/10/04	6/7/04	3/2/05	6/8/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	4.0	6.0	4.0	5.0	NS	NS	8.0	2.5	--	2.0	0.7	1.0	1.0	1.5	7.0	0.0
Carbon Dioxide	> 2X	mg/L	18	30	12.5	<100	NS	NS	19	<100	70	65	18	20	40	26	<10	<100
Alkalinity	> 2X	mg/L	<10	35	< 10	<10	NS	NS	15	<10	35	60	35	27.5	35	32	16	40
Ferrous Iron	decreasing trend	mg/L	--	--	0.1	0.1	NS	NS	0	0.05	6.0	5.0	1.4	4.0	4.0	>3.3	0.0	2.40
Hydrogen Sulfide	decreasing trend	mg/L	--	--	--	--	NS	NS	NS	0.0	0.5	--	0.05	--	0.1	0.1	NS	0.3
Temperature	> 20 ºC	°C	23.18	23.43	22.17	20.82	NS	NS	20.88	22.21	22.78	23.75	23.01	20.8	21.89	21.06	21.92	22.84
pH	5 < pH < 9	SU	4.39	5.92	5.87	6.77	NS	NS	5.76	5.8	6.28	5.42	6.88	7.49	6.42	6.23	6.19	6.59
ORP	increasing trend	mV	88.2	165	73	11.9	NS	NS	56.9	46.1	-67.6	4	-121	-24.4	-1.9	-73.5	32.3	-72.7
Laboratory Parameters																		
Sulfate		mg/L	7.2	7.5	8.7	4.5	NS	NS	14	6.3	2 U	1 U	1 U	1 U	1.0 U	0.57	9.2	1 U
Total Organic Carbon		mg/L	0.7636 U	1 U	0.66 J	0.51 J	NS	NS	2.71	.5 J	5.2	6.6	4.9	5.2	4.3	2.37	1.23	3

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
°C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-16R								MW-17							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/25/03	9/24/03	12/10/03	3/10/04	6/7/04	3/2/05	6/7/05	10/25/05	6/26/03	9/26/03	12/11/03	3/11/04	6/7/04	3/2/05	6/7/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	0.43	6.0	2.5	5.5	0.8	6.5	9	0.0	1.0	4.0	0.5	4.0	NS	NS	NS	NS
Carbon Dioxide	> 2X	mg/L	35	25	17	<10	27	<10	12	<100	28	30	12	10	NS	NS	NS	NS
Alkalinity	> 2X	mg/L	40	40	18	<10	16	<10	<10	40	40	60	< 10	<10	NS	NS	NS	NS
Ferrous Iron	decreasing trend	mg/L	2.4	0.8	2.0	0.03	2.85	0.08	0.25	7.40	3.2	--	2.8	0.01	NS	NS	NS	NS
Hydrogen Sulfide	decreasing trend	mg/L	--	--	--	--	--	--	NS	0	--	--	0.18	--	NS	NS	NS	NS
Temperature	> 20 ºC	°C	23.44	23.33	23.01	20.43	21.96	20.42	21.4	22.23	22.89	23.22	21.51	19.99	NS	NS	NS	NS
pH	5 < pH < 9	SU	5.38	4.17	6.46	5.63	6.05	6.15	5.6	6.29	4.29	3.79	5.77	5.41	NS	NS	NS	NS
ORP	increasing trend	mV	61.1	280	-43	19.9	-30.4	106.7	68.9	-6.2	7.6	342	-163	11.4	NS	NS	NS	NS
Laboratory Parameters																		
Sulfate		mg/L	7.4	3.9	1	2.7	0.50 J	3.5	3	0.64 J	5.8	5.4	6.5	4.3	NS	NS	NS	NS
Total Organic Carbon		mg/L	0.8686 U	1 U	1.3	0.33 J	0.87 J	<.81	0.905 J	.79 J	1 U	1 U	2.1	0.44 J	NS	NS	NS	NS

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
°C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-18								MW-24							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/26/03	9/26/03	12/11/03	3/10/04	6/8/04	3/3/05	6/7/05	10/25/05	6/25/03	9/24/03	12/10/03	3/10/04	6/7/04	3/3/05	6/7/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	0.05	4.00	0.05	5.0	1.0	4.0	NS	NS	1.0	5.5	1.5	3.5	1.0	3.0	2.0	0.0
Carbon Dioxide	> 2X	mg/L	45	30	25	<10	19	12	NS	NS	90	20	30	<10	25	17	15	<100
Alkalinity	> 2X	mg/L	10	5	< 10	<10	30	<10	NS	NS	18	15	22.5	<10	25	<10	<10	35
Ferrous Iron	decreasing trend	mg/L	5.7	--	3.8	0.06	2.44	0.11	NS	NS	5	--	2.2	0.26	4.4	3.17	0.23	3.6
Hydrogen Sulfide	decreasing trend	mg/L	5.0	--	0.39	--	--	--	NS	NS	--	--	--	--	--	--	NS	0.0
Temperature	> 20 ºC	^{o}C	22.35	23.52	22.06	20.34	21.01	20.26	NS	NS	22.27	23.63	22.78	20.57	21.17	20.73	20.88	22.41
pH	5 < pH < 9	SU	5.15	4.79	5.86	4.63	5.01	5.07	NS	NS	5.16	3.67	6.58	4.6	5.60	5.00	4.01	6.39
ORP	increasing trend	mV	-59.9	281	-192	18	150.2	174	NS	NS	72.0	336	-71	13.5	121.2	172.6	147	-23.6
Laboratory Parameters																		
Sulfate		mg/L	25	9.8	14	7.4	14	8.7	NS	NS	3.5	9	3.1	5.6	1.0 U	7.4	13	2.4
Total Organic Carbon		mg/L	6.6	1 U	3.7	0.79 J	2.0	<.81	NS	NS	2 U	1	3.1	1.2	2.3	<.81	1.02 J	1.2

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
^{o}C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-25								MW-26							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/26/03	9/25/03	12/11/03	3/10/04	6/7/04	3/2/05	6/8/05	10/25/05	6/26/03	9/24/03	12/11/03	3/10/04	6/7/04	3/2/05	6/7/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen (YSI)	> 0.5 mg/L	mg/L	--	5.0	1.0	4.0	NS	NS	5.5	0.05	4	2.0	1.0	1.5	1.0	NS	3.5	NS
Carbon Dioxide	> 2X	mg/L	60	40	16	10.5	NS	NS	11	<100	30	35	12	11	28	NS	14	NS
Alkalinity	> 2X	mg/L	18	40	12	<10	NS	NS	<10	15	<10	15	< 10	<10	<10	NS	13	NS
Ferrous Iron	decreasing trend	mg/L	2.8	1.4	2.4	0.4	NS	NS	0.05	2.6	1.6	NR	2.0	0.2	1.9	NS	0.0	NS
Hydrogen Sulfide	decreasing trend	mg/L	0.5	--	0.05	--	NS	NS	NS	0.5	0.1	--	0.13	0.1	2.0	NS	NS	NS
Temperature	> 20 ºC	^{o}C	23.15	24.42	22.99	21.19	NS	NS	21.41	22.60	22.98	24.84	22.54	20.73	21.75	NS	20.61	NS
pH	5 < pH < 9	SU	6.04	5.25	6.52	6.56	NS	NS	5.43	6.23	3.67	5.77	5.57	6.07	6.60	NS	5.25	NS
ORP	increasing trend	mV	-43.5	173	-100	-14.3	NS	NS	30.3	-118.7	48.6	85	23	-16.4	-118.6	NS	50.8	NS
Laboratory Parameters																		
Sulfate		mg/L	3	5	4.7	4.4	NS	NS	9.3	1.1	6	3.5	7.2	5.3	4.9	NS	7.6	NS
Total Organic Carbon		mg/L	2 U	1 U	4.2	1.1	NS	NS	1.39 J	2.1	1 U	1 U	1.4	0.86 J	1.7	NS	1.44 J	NS

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
^{o}C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-27								MW-28							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/26/03	9/25/03	12/10/03	3/10/04	6/8/04	3/3/05	6/7/05	10/25/05	6/26/03	9/25/03	12/10/03	3/10/04	6/8/04	3/3/05	6/7/05	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen (YSI)	> 0.5 mg/L	mg/L	2.0	5.5	2.0	2.0	3.0	2.5	NS	NS	2.0	3.0	2.0	2.0	3.0	1.5	3.5	0.2
Carbon Dioxide	> 2X	mg/L	40	35	12	13	18	23	NS	NS	40	30	13	13	30	22	12	23
Alkalinity	> 2X	mg/L	--	40	12	14	<10	19	NS	NS	38	40	< 10	<10	<10	<10	<10	<10
Ferrous Iron	decreasing trend	mg/L	0.6	0.40	2.2	2.17	0.25	>3.3	NS	NS	3.1	0.40	2.8	2.0	0.9	>3.3	0.0	3.60
Hydrogen Sulfide	decreasing trend	mg/L	--	--	--	0.1	--	0.3	NS	NS	0.1	--	0.11	0.1	0.7	0.05	NS	0.5
Temperature	> 20 ºC	°C	21.94	22.53	22.17	20.56	21.54	20.68	NS	NS	22.38	23.42	23.01	21.01	21.38	20.93	21.12	22.61
pH	5 < pH < 9	SU	5.28	4.88	6.05	7.36	5.10	5.96	NS	NS	5.18	3.79	5.41	4.49	4.67	5.44	4.57	5.97
ORP	increasing trend	mV	137.3	235	-45	-13	65.4	24.8	NS	NS	-2.7	208	-20	-14.6	23.6	92.6	230	-61.4
Laboratory Parameters																		
Sulfate		mg/L	11	5.5	10	13	4.3	4.8	NS	NS	3.6	5	7.8	8.4	8.2	8.2	13	7.4
Total Organic Carbon		mg/L	0.9552 U	1 U	0.91 J	0.93 J	0.50 J	<.810	NS	NS	0.8211 U	1 U	1.2	0.69 J	0.73 J	<.81	1.31 J	.97 J

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
°C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-29								MW-30							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			NS	9/25/03	12/10/03	3/10/04	6/8/04	NS	NS	10/25/05	NS	NS	NS	NS	6/7/04	NS	NS	10/25/05
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	NS	5.0	3.0	5.0	3.0	NS	NS	1.0	NS	NS	NS	NS	1.0	NS	NS	0.4
Carbon Dioxide	> 2X	mg/L	NS	55	14.5	11	27	NS	NS	<100	NS	NS	NS	NS	25	NS	NS	<100
Alkalinity	> 2X	mg/L	NS	40	<10	<10	<10	NS	NS	<10	NS	NS	NS	NS	20	NS	NS	<10
Ferrous Iron	decreasing trend	mg/L	NS	0.20	2.0	1.04	2.11	NS	NS	0.2	NS	NS	NS	NS	2.04	NS	NS	3.0
Hydrogen Sulfide	decreasing trend	mg/L	NS	--	--	--	--	NS	NS	0.1	NS	NS	NS	NS	--	NS	NS	0.1
Temperature	> 20 ºC	°C	NS	22.93	22.82	21.16	21.84	NS	NS	22.39	NS	NS	NS	NS	21.71	NS	NS	22.08
pH	5 < pH < 9	SU	NS	5.06	5.75	6.80	5.10	NS	NS	5.86	NS	NS	NS	NS	6.22	NS	NS	5.98
ORP	increasing trend	mV	NS	180	50	-6.2	153.4	NS	NS	47.20	NS	NS	NS	NS	31.5	NS	NS	-22.7
Laboratory Parameters																		
Sulfate		mg/L	NS	8.3	6.5	7.5	7.3	NS	NS	8.80	NS	NS	NS	NS	NS	NS	NS	4.1
Total Organic Carbon		mg/L	NS	1 U	1.1	1.5	1.4	NS	NS	.73 J	NS	NS	NS	NS	NS	NS	NS	.91 J

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
°C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit

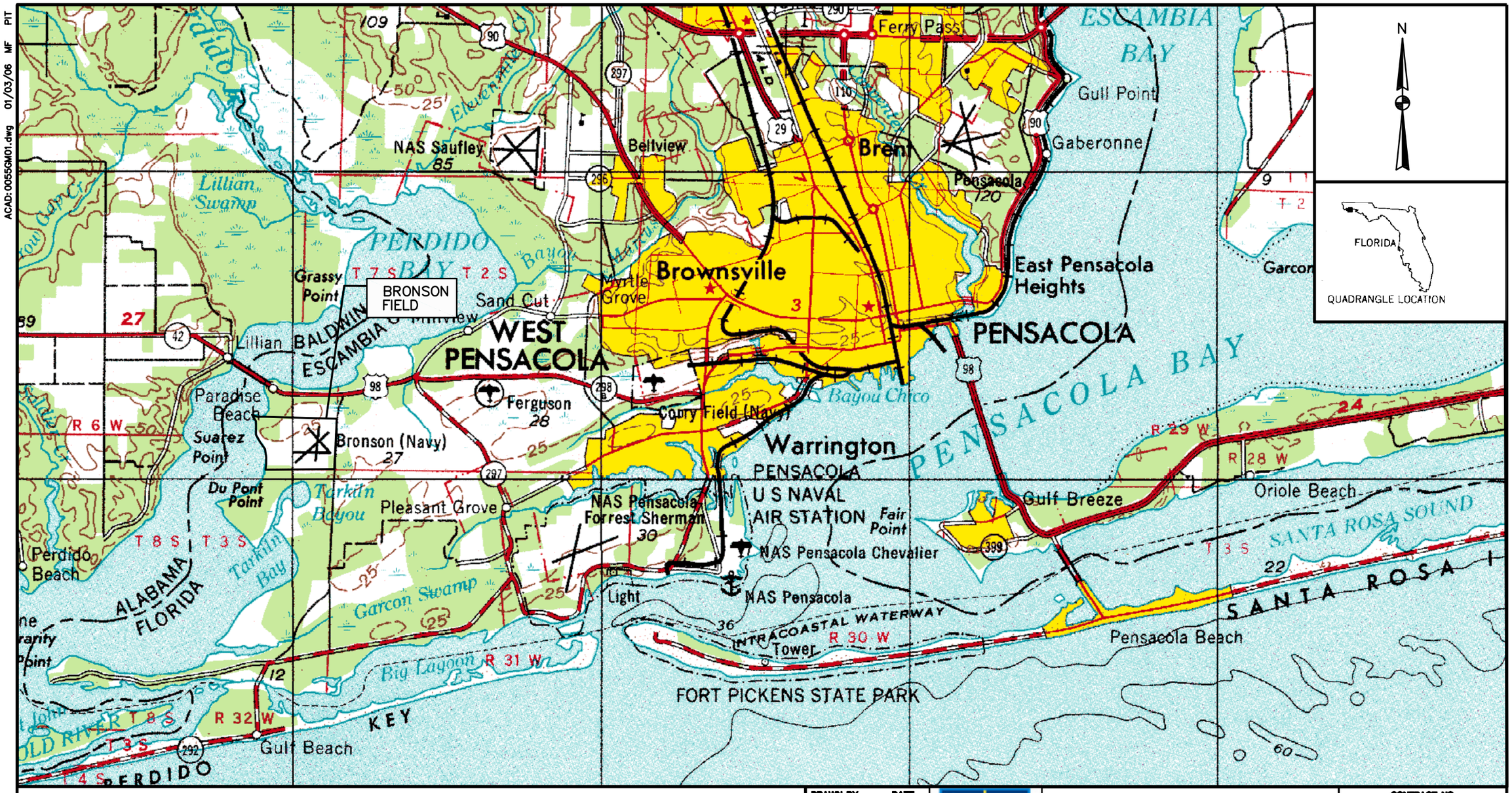
TABLE 3
SUMMARY OF MONITORED NATURAL ATTENUATION PARAMETERS IN GROUNDWATER
UST SITE 1120
OUTLYING LANDING FIELD BRONSON, PENSACOLA, FLORIDA

Sample Location			MW-32								DMW-35							
Sampling Event			Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q	Baseline	1Q	2Q	3Q	4Q	5Q	6Q	7Q
Collect Date			6/26/2003	NS	NS	NS	NS	3/3/05	6/7/05	10/25/05	6/26/03	9/25/03	12/10/03	3/10/04	6/7/04	3/2/05	6/7/05	10/25/2005
	Preferred Range	Units																
Field Parameters																		
Dissolved Oxygen	> 0.5 mg/L	mg/L	2.5	NS	NS	NS	NS	2.0	6.0	NS	5.5	5.0	5.0	5.0	1.0	5.0	NS	NS
Carbon Dioxide	> 2X	mg/L	30	NS	NS	NS	NS	11.0	12.0	NS	40	65	16	16	40	28	NS	NS
Alkalinity	> 2X	mg/L	<10	NS	NS	NS	NS	<10	<10	NS	<10	60	10	<10	<10	<10	NS	NS
Ferrous Iron	decreasing trend	mg/L	0.8	NS	NS	NS	NS	0.2	0.1	NS	--	--	--	--	--	0.06	NS	NS
Hydrogen Sulfide	decreasing trend	mg/L	--	NS	NS	NS	NS	--	NS	NS	--	0.03	--	--	--	--	NS	NS
Temperature	> 20 ºC	^{o}C	22.06	NS	NS	NS	NS	20.4	21.4	NS	23.26	23.19	22.66	21.98	23.02	21.64	NS	NS
pH	5 < pH < 9	SU	5.06	NS	NS	NS	NS	4.6	4.4	NS	4.44	3.77	4.45	4.75	4.56	4.57	NS	NS
ORP	increasing trend	mV	95.1	NS	NS	NS	NS	158.3	221.0	NS	260.7	372	323	16.5	267.6	175.7	NS	NS
Laboratory Parameters																		
Sulfate		mg/L	4.9	NS	NS	NS	NS	7.7	18.0	NS	31	16	11	10	6.4	8.8	NS	NS
Total Organic Carbon		mg/L	--	NS	NS	NS	NS	<.810	1.87 J	NS	0.5829 U	1 U	0.37 J	0.45 J	0.37 J	<.810	NS	NS

Notes:
2X = two times background concentration
mg/L = milligrams per liter
U = non-detect value
NS = not sampled
^{o}C = Degrees Celsius
SU = Standard pH Units
mV = Millivolts
ORP = Oxidation-reduction potential
-- = Analyte not detected above the instrument detection limit
J = Estimated concentration

FIGURES

ACAD: 0055GM01.dwg 01/03/06 MF PIT



SOURCE: USGS TOPOGRAPHIC QUADRANGLE
PENSACOLA, FLORIDA-ALABAMA (1957 EDITION)

DRAWN BY MF	DATE 1/3/05
CHECKED BY	DATE
REVISED BY	DATE
SCALE NOT TO SCALE	

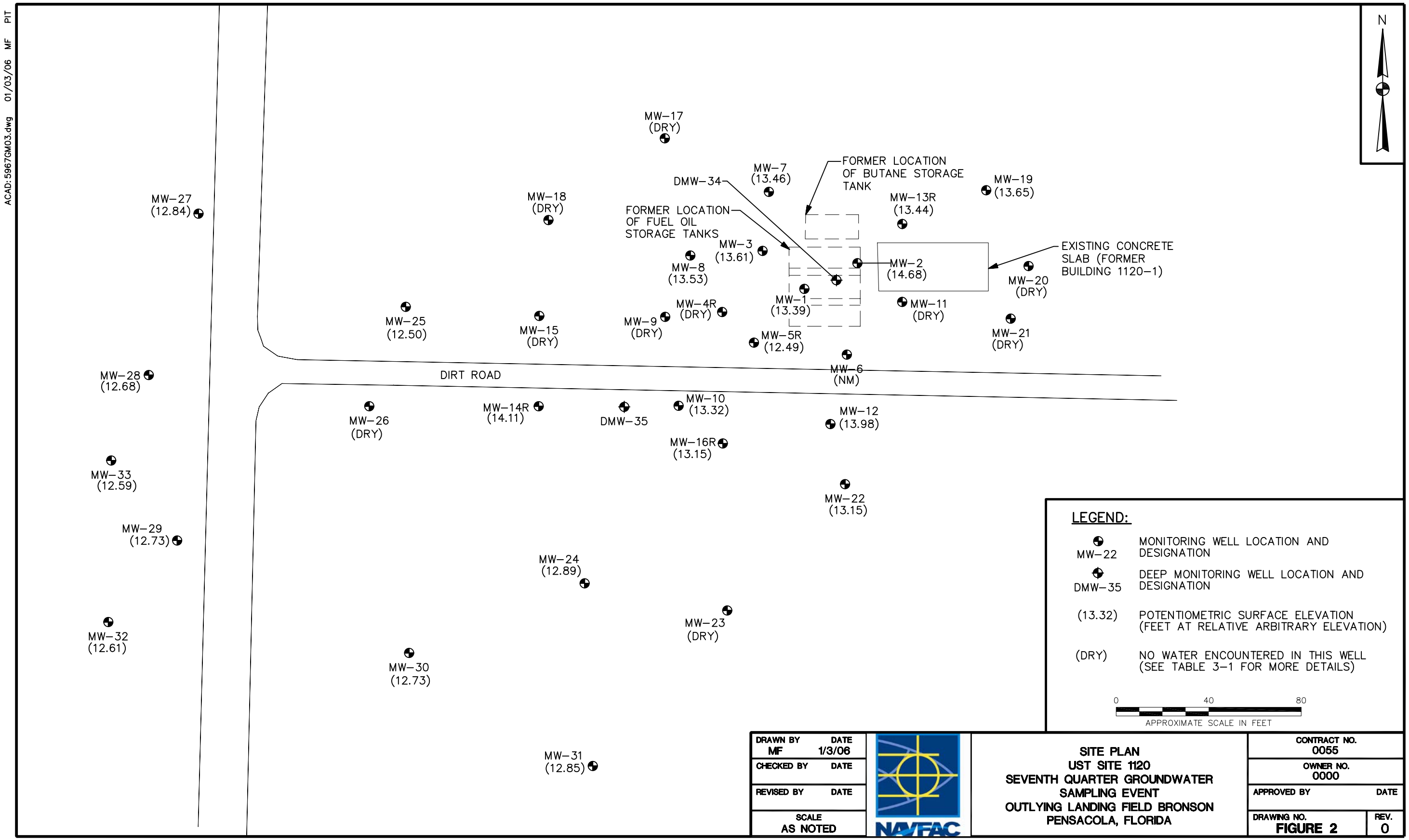
NAVFAC

SITE LOCATION MAP
UST SITE 1120
SEVENTH QUARTER GROUNDWATER
SAMPLING EVENT
OUTLYING LANDING FIELD BRONSON
PENSACOLA, FLORIDA

CONTRACT NO. 0055	
OWNER NO. 0000	
APPROVED BY	DATE
DRAWING NO. FIGURE 1	REV. 0

FORM CADD NO. SDIV-BH.DWG - REV 1 - 9/10/98

ACAD:5967GM03.dwg 01/03/06 MF PIT



LEGEND:

MW-22	MONITORING WELL LOCATION AND DESIGNATION
DMW-35	DEEP MONITORING WELL LOCATION AND DESIGNATION
(13.32)	POTENTIOMETRIC SURFACE ELEVATION (FEET AT RELATIVE ARBITRARY ELEVATION)
(DRY)	NO WATER ENCOUNTERED IN THIS WELL (SEE TABLE 3-1 FOR MORE DETAILS)

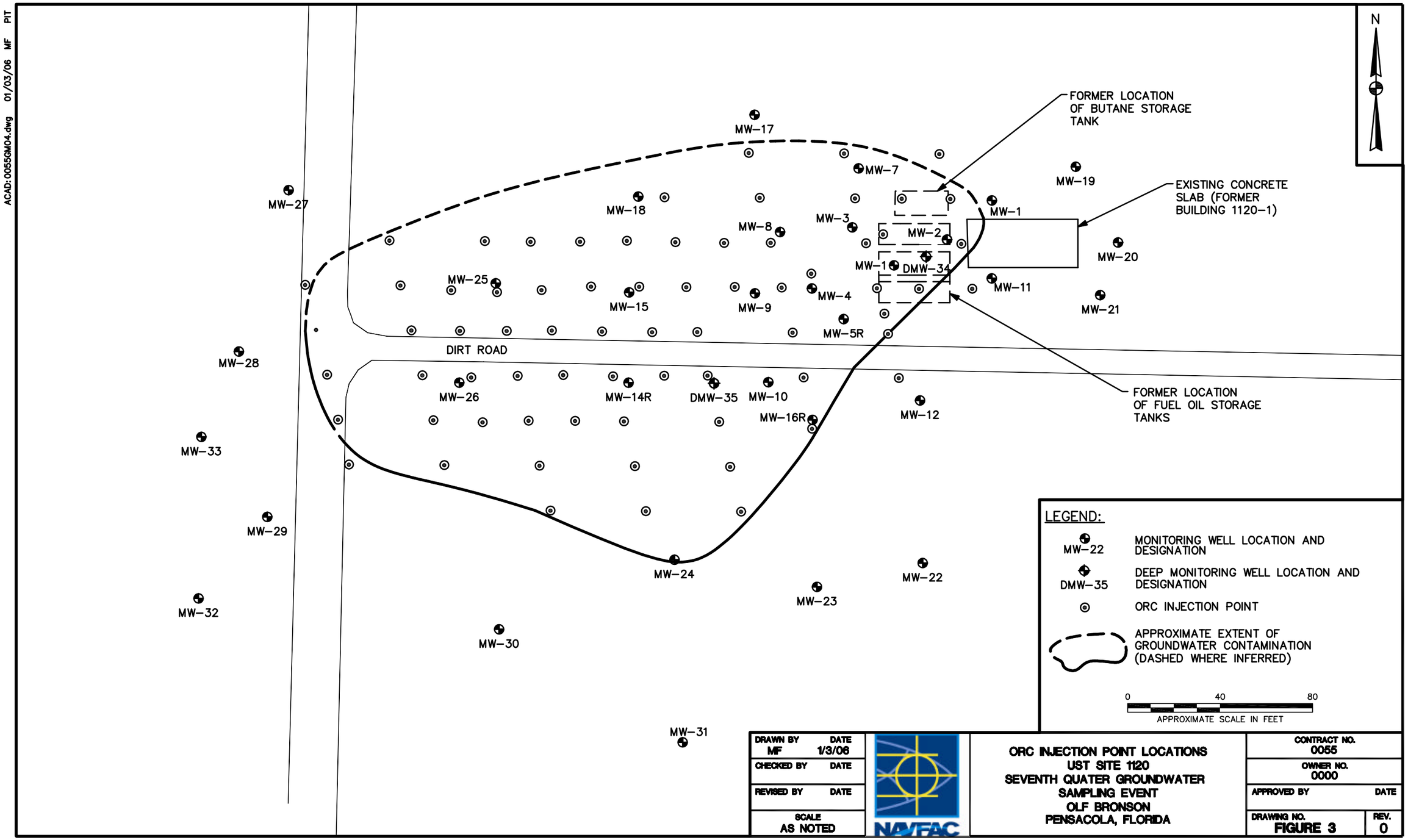
0 40 80
APPROXIMATE SCALE IN FEET

DRAWN BY MF	DATE 1/3/06	SITE PLAN UST SITE 1120 SEVENTH QUARTER GROUNDWATER SAMPLING EVENT OUTLYING LANDING FIELD BRONSON PENSACOLA, FLORIDA	CONTRACT NO. 0055
CHECKED BY	DATE		OWNER NO. 0000
REVISED BY	DATE		APPROVED BY / DATE
SCALE AS NOTED			DRAWING NO. FIGURE 2 / REV. 0

NAVFAC

FORM CADD NO. SDIV-BH.DWG - REV 1 - 9/10/98

ACAD:0055GM04.dwg 01/03/06 MF PIT

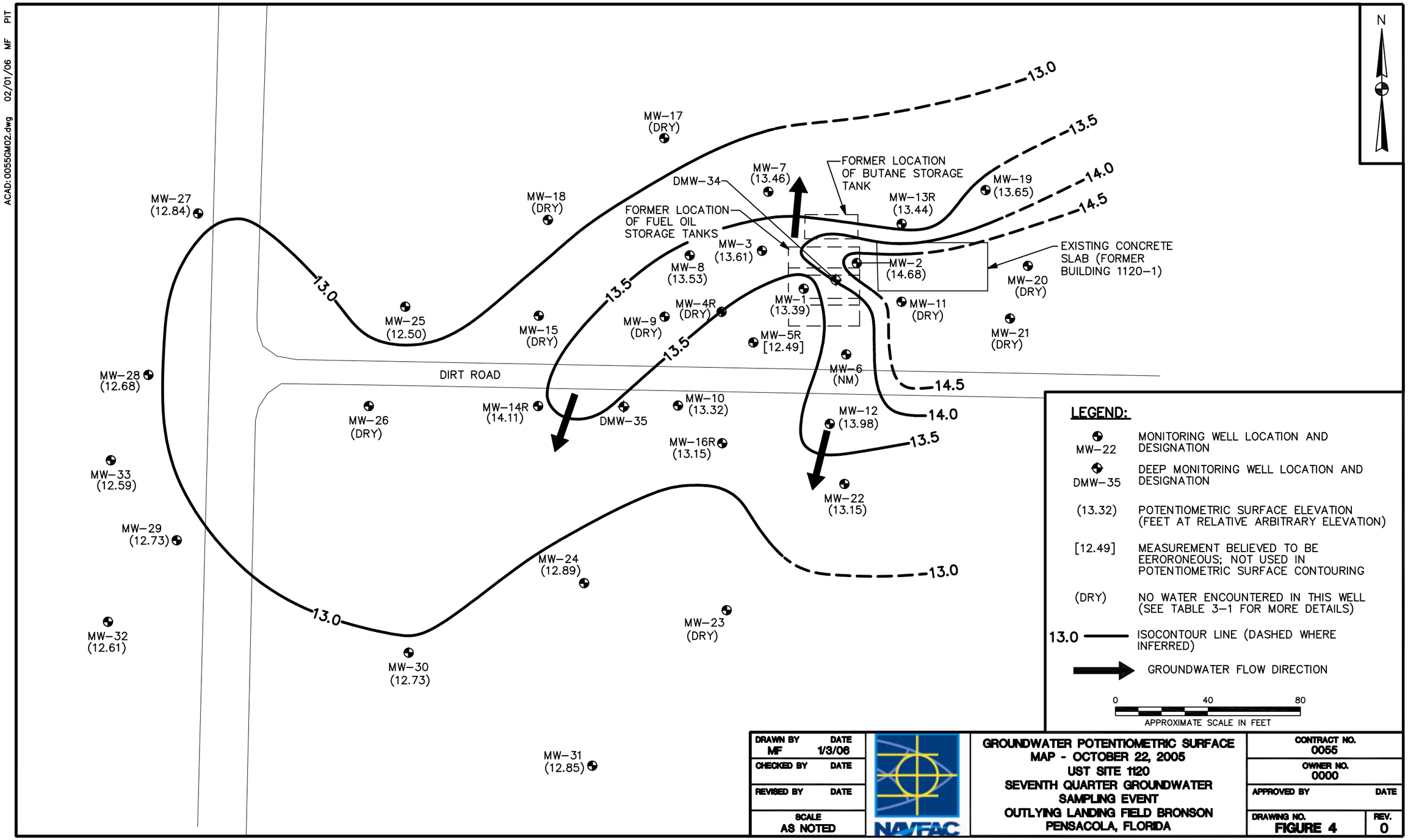


DRAWN BY MF	DATE 1/3/06	ORC INJECTION POINT LOCATIONS UST SITE 1120 SEVENTH QUATER GROUNDWATER SAMPLING EVENT OLF BRONSON PENSACOLA, FLORIDA	CONTRACT NO. 0055
CHECKED BY	DATE		OWNER NO. 0000
REVISED BY	DATE		APPROVED BY / DATE
SCALE AS NOTED			DRAWING NO. FIGURE 3 / REV. 0

NAVFAC

FORM CADD NO. SDIV-BH.DWG – REV 1 – 9/10/98

ACAD: 0055GM02.dwg 02/01/06 MF PIT



LEGEND:

MW-22	MONITORING WELL LOCATION AND DESIGNATION
DMW-35	DEEP MONITORING WELL LOCATION AND DESIGNATION
(13.32)	POTENTIOMETRIC SURFACE ELEVATION (FEET AT RELATIVE ARBITRARY ELEVATION)
[12.49]	MEASUREMENT BELIEVED TO BE EERORONEOUS; NOT USED IN POTENTIOMETRIC SURFACE CONTOURING
(DRY)	NO WATER ENCOUNTERED IN THIS WELL (SEE TABLE 3-1 FOR MORE DETAILS)
13.0	ISOCONTOUR LINE (DASHED WHERE INFERRED)
	GROUNDWATER FLOW DIRECTION

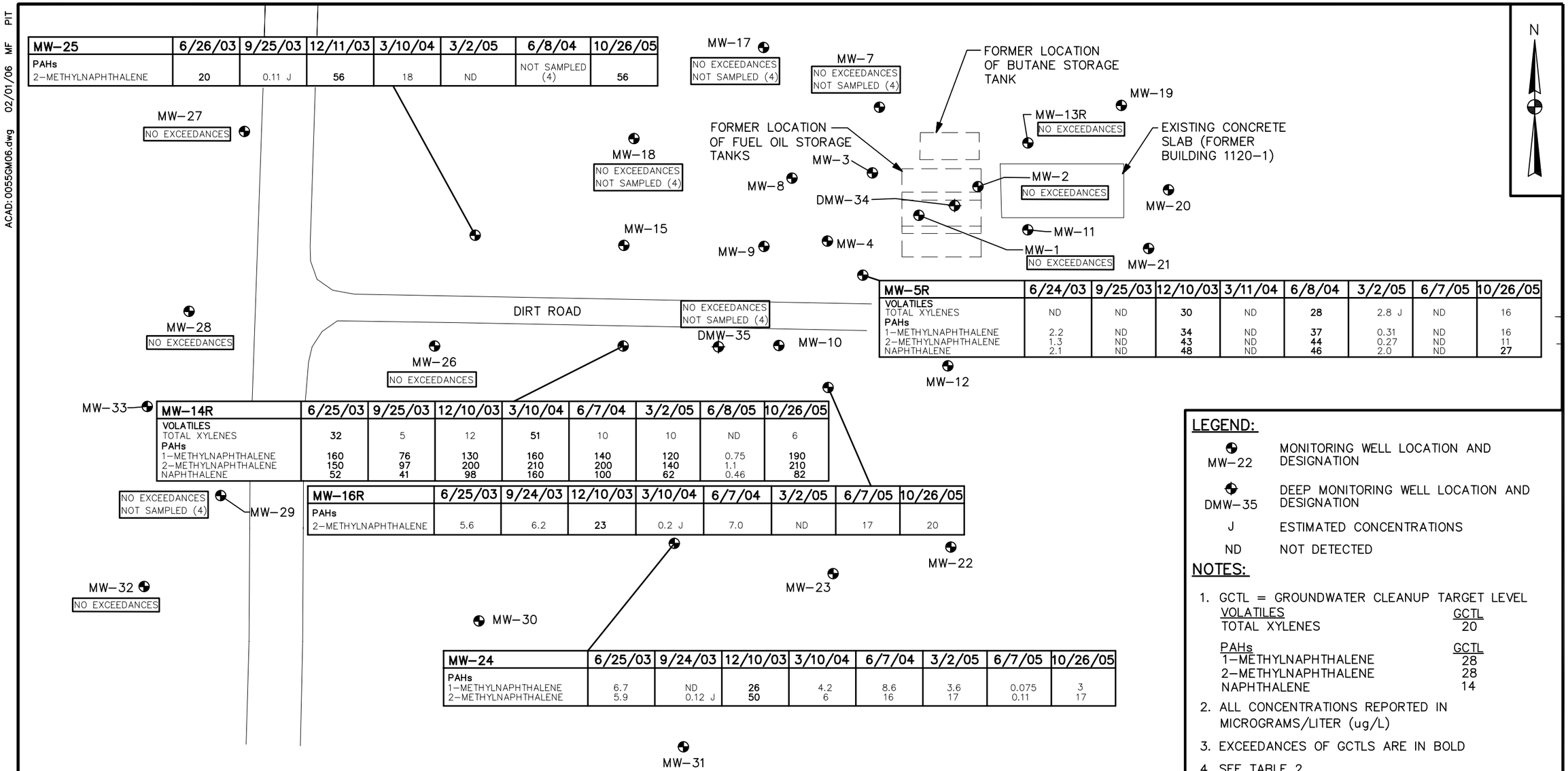
0 40 80
APPROXIMATE SCALE IN FEET

DRAWN BY MF	DATE 1/3/06	GROUNDWATER POTENTIOMETRIC SURFACE MAP - OCTOBER 22, 2005 UST SITE 1120 SEVENTH QUARTER GROUNDWATER SAMPLING EVENT OUTLYING LANDING FIELD BRONSON PENSACOLA, FLORIDA	CONTRACT NO. 0055
CHECKED BY	DATE		OWNER NO. 0000
REVISED BY	DATE		APPROVED BY / DATE
SCALE AS NOTED			DRAWING NO. FIGURE 4 / REV. 0

NAVFAC

FORM CADD NO. SDIV-BH.DWG - REV 1 - 9/10/98

ACAD: 0055GM06.dwg 02/01/06 MF PIT



MW-25	6/26/03	9/25/03	12/11/03	3/10/04	3/2/05	6/8/04	10/26/05
PAHs							
2-METHYLNAPHTHALENE	**20**	0.11 J	**56**	18	ND	NOT SAMPLED (4)	**56**

MW-5R	6/24/03	9/25/03	12/10/03	3/11/04	6/8/04	3/2/05	6/7/05	10/26/05
VOLATILES								
TOTAL XYLENES	ND	ND	**30**	ND	**28**	2.8 J	ND	16
PAHs								
1-METHYLNAPHTHALENE	2.2	ND	**34**	ND	**37**	0.31	ND	16
2-METHYLNAPHTHALENE	1.3	ND	**43**	ND	**44**	0.27	ND	11
NAPHTHALENE	2.1	ND	**48**	ND	**46**	2.0	ND	**27**

MW-14R	6/25/03	9/25/03	12/10/03	3/10/04	6/7/04	3/2/05	6/8/05	10/26/05
VOLATILES								
TOTAL XYLENES	**32**	5	12	**51**	10	10	ND	6
PAHs								
1-METHYLNAPHTHALENE	**160**	**76**	**130**	**160**	**140**	**120**	0.75	**190**
2-METHYLNAPHTHALENE	**150**	**97**	**200**	**210**	**200**	**140**	1.1	**210**
NAPHTHALENE	**52**	**41**	**98**	**160**	**100**	**62**	0.46	**82**

MW-16R	6/25/03	9/24/03	12/10/03	3/10/04	6/7/04	3/2/05	6/7/05	10/26/05
PAHs								
2-METHYLNAPHTHALENE	5.6	6.2	**23**	0.2 J	7.0	ND	17	20

MW-24	6/25/03	9/24/03	12/10/03	3/10/04	6/7/04	3/2/05	6/7/05	10/26/05
PAHs								
1-METHYLNAPHTHALENE	6.7	ND	**26**	4.2	8.6	3.6	0.075	3
2-METHYLNAPHTHALENE	5.9	0.12 J	**50**	6	16	17	0.11	17

LEGEND:

MW-22	MONITORING WELL LOCATION AND DESIGNATION
DMW-35	DEEP MONITORING WELL LOCATION AND DESIGNATION
J	ESTIMATED CONCENTRATIONS
ND	NOT DETECTED

NOTES:

1. GCTL = GROUNDWATER CLEANUP TARGET LEVEL

VOLATILES	GCTL
TOTAL XYLENES	20

PAHs	GCTL
1-METHYLNAPHTHALENE	28
2-METHYLNAPHTHALENE	28
NAPHTHALENE	14

2. ALL CONCENTRATIONS REPORTED IN MICROGRAMS/LITER (ug/L)
3. EXCEEDANCES OF GCTLS ARE IN BOLD
4. SEE TABLE 2

0 40 80
APPROXIMATE SCALE IN FEET

DRAWN BY	DATE
MF	1/4/06
CHECKED BY	DATE
REVISED BY	DATE
SCALE	
AS NOTED	

NAVFAC

GROUNDWATER EXCEEDANCES
UST SITE 1120
SEVENTH QUARTER GROUNDWATER SAMPLING EVENT
OUTLYING LANDING FIELD BRONSON
PENSACOLA, FLORIDA

CONTRACT NO.	
0055	
OWNER NO.	
0000	
APPROVED BY	DATE
DRAWING NO. FIGURE 5	REV. 0

FORM CADD NO. SDIV-BH.DWG - REV 1 - 9/10/98

ATTACHMENT A

FIELD DATA FORMS

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW02-07
Sample Location: MW-02
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 1430	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		6.63	0.215	23.59	18	0.72	-120.8	17.50	1430

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:	2.5	6.55	0.268	23.33	>100	0.67	-57.7	18.74	1344
Monitor Reading (ppm):	5.0	6.62	0.251	23.29	>100	0.69	-110.9	18.45	1349
Well Casing Diameter & Material	7.5	6.64	0.237	23.32	>100	0.81	-122	18.35	1354
Type:	9.0	6.63	0.217	23.38	75	82	-109.9	17.69	1359
Total Well Depth (TD):	12.0	6.62	0.221	23.67	39	0.75	-105.7	17.67	1409
Static Water Level (WL):	15.0	6.64	0.215	23.45	31	0.88	-113.2	17.53	1419
One Casing Volume(gal/L):	18.0	6.63	0.215	23.59	18	0.72	-120.8	17.50	1429
Start Purge (hrs):									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.9 mg/L			
Fe 1.8 mg/L			
H_2S 0.1mg/L			
Alkalinity 70 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW05R-07
Sample Location: MW-05R
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 10/26/05 Time: 0825	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	ORP (mV)	DTW (feet)	TIME
Method:									

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:	2.5	6.26	0.128	22.66	>100	10.9	61.8	18.25	0713
Monitor Reading (ppm):	3.5	6.09	0.122	22.52	>100	10.8	52.4	16.96	0718
Well Casing Diameter & Material	4.5	6.08	0.116	22.46	>100	6.2	48.6	16.86	0723
Type:	5.5	6.1	0.120	22.50	85	7.3	40.1	16.80	0728
Total Well Depth (TD):	7.5	6.11	0.125	22.49	60	6.1	31.2	16.81	0738
Static Water Level (WL): 15.58	9.5	6.11	0.125	22.31	45	5.3	23.2	16.75	0748
One Casing Volume(gal/L):	11.5	6.13	0.126	22.54	36	0.48	11.0	16.79	0758
Start Purge (hrs): 0708	13.5	6.13	0.127	22.49	28	0.46	7.7	16.76	0808
End Purge (hrs):	15.5	6.14	0.127	22.57	19	0.47	8.6	16.71	0818
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.6 mg/L			
Fe 2.6 mg/L			
H_2S 0.0 mg/L			
Alkalinity 33 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

first 6 DO readings were % last are mg/L

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW13R-07
Sample Location: MW-13R
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 1255	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		5.84	0.065	22.21	12	3.61	46.1	17.08	1255

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:	2.5	6.12	0.094	22.16	>100	3.47	-30.9	17.19	1227
Monitor Reading (ppm):	5.0	5.97	0.065	22.17	55	4.39	-2.1	17.13	1232
Well Casing Diameter & Material	7.5	5.91	0.065	22.18	38	4.21	12.2	17.10	1237
Type:	10.0	5.87	0.064	22.20	21	5.62	29.5	17.08	1242
Total Well Depth (TD):	12.5	5.84	0.065	22.21	12	3.61	46.1	17.08	1247
Static Water Level (WL):									
One Casing Volume(gal/L):									
Start Purge (hrs):									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.5 mg/L			
Fe .05 mg/L			
H_2S 0.0 mg/L			
Alkalinity <10 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW14R-07
Sample Location: MW-14R
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 10/25/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 1518	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		6.59	0.175	22.84	9.6	0.26	-72.7	16.75	1518

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method: LOW FLOW		6.32	0.175	22.54	33	0.65	-26.7	16.75	1506
Monitor Reading (ppm):	0.3	6.52	0.180	22.79	16	0.39	-59.4	16.75	1507
Well Casing Diameter & Material	0.5	6.58	0.177	22.84	10	0.3	-69.9	16.75	1513
Type: 1" PVC	0.75	6.59	0.175	22.84	9.6	0.26	-72.7	16.75	1515
Total Well Depth (TD): 24.71									
Static Water Level (WL): 16.62									
One Casing Volume(gal/L): .32									
Start Purge (hrs): 1306									
End Purge (hrs): 1315									
Total Purge Time (min): 9									
Total Vol. Purged (gal/L): .75									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.0 mg/L			
Fe 2.4 mg/L			
H_2S 0.3 mg/L			
Alkalinity 40 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Petroleum odor. Sheen on wate

Circle if Applicable:

MS/MSD	Duplicate ID No.: OLFB-1120-MW14R-07D

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW16R-07
Sample Location MW-16R
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 0945	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		6.29	0.138	22.23	4.9	0.28	-6.2	15.62	945

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:	2.0	5.88	0.097	22.10	65	0.51	58.6	15.62	0918
Monitor Reading (ppm):	4.0	6.09	0.123	22.22	18	0.42	20.0	15.62	0923
Well Casing Diameter & Material	6.0	6.20	0.132	22.22	7.7	0.32	6.9	15.62	0928
Type:	8.0	6.25	0.136	22.25	6.1	0.32	-0.3	15.62	0932
Total Well Depth (TD):15.54	10.0	6.29	0.138	22.23	4.9	0.28	-6.2	15.62	0938
Static Water Level (WL):									
One Casing Volume(gal/L):									
Start Purge (hrs): 0913									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.0 mg/L			
Fe 7.4 mg/L			
H_2S 0.0 mg/L			
Alkalinity 40 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW24-07
Sample Location: MW-24
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:10/26/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 1105	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		6.39	0.128	22.41	16	0.29	-23.6	16.72	1105

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:	2.5	6.19	0.106	22.49	90	0.63	28.6	16.75	1039
Monitor Reading (ppm):	4.5	6.26	0.124	22.86	39	0.54	-3.8	16.76	1044
Well Casing Diameter & Material	6.5	6.32	0.127	22.52	32	0.74	-13.3	16.77	1049
Type:	8.5	6.36	0.128	22.44	27	0.77	-19.7	16.72	1054
Total Well Depth (TD):	10.5	6.39	0.128	22.41	16	0.29	-23.6	16.72	1059
Static Water Level (WL): 16.68									
One Casing Volume(gal/L):									
Start Purge (hrs) :1034									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.0 mg/L			
Fe 3.6 mg/L			
H_2S 0.0 mg/L			
Alkalinity 35 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW25-07
Sample Location: MW-25
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:10/26/05 Time: 0805	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	ORP (mV)	DTW (feet)	TIME
Method:		6.23	133	22.6	20	0.19	-118.7	17.50	0805

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:low flow	1 NIT	6.77	128	19.8	120	0.99	-23.8	17.50	0728
Monitor Reading (ppm):	1.0	6.27	154	22.32	70	1.27	-100.4	17.50	0738
Well Casing Diameter & Material	2.0	6.28	141	22.37	40	0.48	-111.3	17.50	0742
Type: 2" PVC	3.0	6.25	133	22.34	39	0.55	104.0	17.50	0749
Total Well Depth (TD):23.61	4.0	6.23	133	22.51	27	0.25	-111.1	17.50	0756
Static Water Level (WL):17.46	5.0	6.23	133	22.6	20	0.19	-118.7	17.50	0803
One Casing Volume(gal/L):.97gal									
Start Purge (hrs):0728									
End Purge (hrs): 0803									
Total Purge Time (min): 35									
Total Vol. Purged (gal/L): 5 gal									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B	HCl	3 X 40mL	YES
PAHs SW-846 8270	4°	2 X 1L amber	YES
TRPHs FL-PRO	HCl	2 X 1L amber	YES
SO_4 EPA 375.4	4°	1 x 125mL poly	YES
TOC 415.1	H_2SO_4	2 X 40mL	YES
DO 0.05 mg/L			
Fe 2.6 mg/L			
H_2S 0.5 mg/L			
Alkalinity 15 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Roots in well @ SWL. Petroleum Odo

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW28-07
Sample Location: MW-28
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:10/25/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 1245	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		5.97	0.179	22.61	5.5	0.22	-61.4	20.25	1245

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:low flow	1 NIT	6.87	0.215	22.52	250	1.05	-26.5	20.27	1222
Monitor Reading (ppm):	0.5	6.43	0.202	22.59	28	0.37	-38.7	20.25	1227
Well Casing Diameter & Material	1.0	6.21	0.190	22.59	10	0.28	-52.5	20.25	1232
Type: 2" PVC	1.5	6.06	0.184	22.60	6.5	0.23	-59.8	20.25	1237
Total Well Depth (TD):24.25	1.75	6.01	0.181	22.62	5.7	0.2	-61.5	20.25	1240
Static Water Level (WL):20.15	2.0	5.97	0.179	22.61	5.5	0.22	-61.4	20.25	1243
One Casing Volume(gal/L):.47									
Start Purge (hrs):1222									
End Purge (hrs):1243									
Total Purge Time (min):21									
Total Vol. Purged (gal/L):2 GAL									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.2 mg/L			
Fe 3.6 mg/L			
H_2S 0.5 mg/L			
Alkalinity <10 mg/L			
CO_2 23 mg/L			

OBSERVATIONS / NOTES:

water initially turbid, red/orange particulates settle in flow c

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW29-07
Sample Location MW-29
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:10/25/05 Time: 1410	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	ORP (mV)	DTW (feet)	TIME
Method:		5.86	0.102	22.39	20	0.65	47.2	18.59	1410

PURGE DATA:

Date: 10/25/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:	1 NIT	5.92	0.167	23.03	140	0.94	64	18.59	1350
Monitor Reading (ppm):	1.0	5.85	0.135	22.47	55	0.71	57.5	18.59	1356
Well Casing Diameter & Material	2.0	5.89	0.115	22.47	33	0.69	50.7	18.59	1402
Type:	3.0	5.86	0.102	22.39	20	0.65	47.2	18.59	1406
Total Well Depth (TD):24.49									
Static Water Level (WL):18.45									
One Casing Volume(gal/L):1									
Start Purge (hrs):1350									
End Purge (hrs):1406									
Total Purge Time (min):16									
Total Vol. Purged (gal/L):3									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 1.0 mg/L			
Fe 0.2 mg/L			
H_2S 0.1 mg/L			
Alkalinity <10 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: OLF Bronson site 1120
Project No.: 112G00055

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

Sample ID No.: OLFB-1120-MW30-07
Sample Location MW-30
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:10/26/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Time: 1000	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(mV)	(feet)	
Method:		5.98	0.118	22.08	14	0.28	-22.7	17.20	1000

PURGE DATA:

Date: 10/26/05	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	TIME
Method:low flow	1NIT	5.34	0.081	21.6	170	0.86	104.4	17.23	0935
Monitor Reading (ppm):	1.0	5.65	0.102	21.98	120	0.56	44.9	17.24	0942
Well Casing Diameter & Material	2.0	5.90	0.113	22.04	32	0.33	-1.8	17.20	0949
Type:2" PVC	3.0	5.96	0.117	22.07	18	0.28	-17.1	17.20	0956
Total Well Depth (TD):24.24	3.5	5.98	0.118	22.08	14	0.28	-22.7	17.20	0959
Static Water Level (WL):17.15									
One Casing Volume(gal/L):1.13									
Start Purge (hrs):0935									
End Purge (hrs):0959									
Total Purge Time (min):24									
Total Vol. Purged (gal/L):3.5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BTEX & MTBE SW-846 8260B			YES
PAHs SW-846 8270			YES
TRPHs FL-PRO			YES
SO_4 EPA 375.4			YES
TOC 415.1			
DO 0.4 mg/L			
Fe 3.0 mg/L			
H_2S 0.1mg/L			
Alkalinity <10 mg/L			
CO_2 <100 mg/L			

OBSERVATIONS / NOTES:

sampled instead of MW-26 due to root blockag

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME :

INSTRUMENT NAME/MODEL: YSI 556 MPS

SITE NAME: site 1120 Pen NAS

MANUFACTURER: YSI

PROJECT No.:

SERIAL NUMBER: 05H1965 AR

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
10/24/2005		C. Odom			3.87	4.00		pH 4.0
10/24/2005		C. Odom			9.86	9.99		pH 10.0
10/24/2005		C. Odom			1.143	1.414		conductivity
10/25/2005		C. Odom			4.02	3.98		pH 4.0
10/25/2005		C. Odom			10.07	10.00		pH 10.0
10/25/2005		C. Odom			1.069	1.410		conductivity
10/26/2005		C. Odom			3.93	4.00		pH 4.0
10/26/2005		C. Odom			10.49	10.00		pH 10.0
10/26/2005		C. Odom			1.447	1.410		conductivity

ATTACHMENT B

GROUNDWATER ANALYTICAL REPORT

HOLDTIME

SDG CTO380-1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
SO4	MG/L	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
SO4	MG/L	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
TOC	MG/L	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/18/2005	11/18/2005	24	0	24
TOC	MG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/18/2005	11/18/2005	24	0	24
TOC	MG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/18/2005	11/18/2005	24	0	24
TOC	MG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TOC	MG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
OS	%	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	%	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	%	OLFB-1120-MW14R-07DL	WV5658-12DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	%	OLFB-1120-MW14R-07D	WV5658-13DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	%	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	%	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	%	OLFB-1120-MW02-07DL	WV5658-11DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	%	OLFB-1140-MW09-13DL	WV5658-6DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	%	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	%	OLFB-1120-MW16R-07DL	WV5701-4DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW03-14DL	WV5658-3DL	NM	10/25/2005	10/27/2005	11/30/2005	2	34	36
OS	%	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1140-MW03-14DDL	WV5658-4DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	%	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	%	OLFB-1120-MW25-07DL	WV5701-1DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	%	OLFB-1120-MW24-07DL	WV5701-6DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1120-MW5R-07DL	WV5701-2DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1120-MW5R-07DL	WV5701-2DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	UG/L	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	UG/L	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1140-MW03-14DDL	WV5658-4DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	UG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	UG/L	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1140-MW09-13DL	WV5658-6DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	UG/L	OLFB-1140-MW03-14DL	WV5658-3DL	NM	10/25/2005	10/27/2005	11/30/2005	2	34	36
OS	UG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	UG/L	OLFB-1120-MW25-07DL	WV5701-1DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	UG/L	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	UG/L	OLFB-1120-MW14R-07DL	WV5658-12DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	UG/L	OLFB-1120-MW14R-07D	WV5658-13DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	UG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	UG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	UG/L	OLFB-1120-MW02-07DL	WV5658-11DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	UG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1120-MW24-07DL	WV5701-6DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	OLFB-1120-MW16R-07DL	WV5701-4DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OV	%	OLFB-1120-TB1025	WV5658-10	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-TB1026	WV5701-3	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-TB1025	WV5658-10	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1120-TB1026	WV5701-3	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
TPH	%	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/2/2005	11/21/2005	7	19	26
TPH	UG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	UG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	UG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/2/2005	11/21/2005	7	19	26
TPH	UG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	UG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27

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SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
SO4	MG/L	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
SO4	MG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
SO4	MG/L	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/21/2005	11/21/2005	27	0	27
SO4	MG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/21/2005	11/21/2005	26	0	26
TOC	MG/L	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/18/2005	11/18/2005	24	0	24
TOC	MG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/18/2005	11/18/2005	24	0	24
TOC	MG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/18/2005	11/18/2005	24	0	24
TOC	MG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
TOC	MG/L	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21
TOC	MG/L	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/15/2005	11/15/2005	21	0	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TOC	MG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/18/2005	11/18/2005	23	0	23
OS	%	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	%	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	%	OLFB-1120-MW14R-07DL	WV5658-12DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	%	OLFB-1120-MW14R-07D	WV5658-13DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	%	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	%	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	%	OLFB-1120-MW02-07DL	WV5658-11DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	%	OLFB-1140-MW09-13DL	WV5658-6DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	%	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	%	OLFB-1120-MW16R-07DL	WV5701-4DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW03-14DL	WV5658-3DL	NM	10/25/2005	10/27/2005	11/30/2005	2	34	36
OS	%	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1140-MW03-14DDL	WV5658-4DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	%	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	%	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	%	OLFB-1120-MW25-07DL	WV5701-1DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	%	OLFB-1120-MW24-07DL	WV5701-6DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	%	OLFB-1120-MW5R-07DL	WV5701-2DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1120-MW5R-07DL	WV5701-2DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1140-MW02-13	WV5658-1	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	UG/L	OLFB-1140-MW03-14	WV5658-3	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	UG/L	OLFB-1140-MW03-14D	WV5658-4	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1140-MW03-14DDL	WV5658-4DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	UG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1140-MW13-13	WV5658-2	NM	10/25/2005	10/27/2005	11/23/2005	2	27	29
OS	UG/L	OLFB-1140-MW09-13	WV5658-6	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1140-MW09-13DL	WV5658-6DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	UG/L	OLFB-1140-MW03-14DL	WV5658-3DL	NM	10/25/2005	10/27/2005	11/30/2005	2	34	36
OS	UG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	UG/L	OLFB-1120-MW25-07DL	WV5701-1DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	UG/L	OLFB-1140-MW08-13	WV5658-5	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/1/2005	11/22/2005	6	21	27
OS	UG/L	OLFB-1120-MW14R-07DL	WV5658-12DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	UG/L	OLFB-1120-MW14R-07D	WV5658-13DL	NM	10/25/2005	11/1/2005	11/23/2005	7	22	29
OS	UG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	UG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/1/2005	11/22/2005	7	21	28
OS	UG/L	OLFB-1120-MW02-07DL	WV5658-11DL	NM	10/25/2005	11/1/2005	11/28/2005	7	27	34
OS	UG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/1/2005	11/21/2005	7	20	27
OS	UG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OS	UG/L	OLFB-1120-MW24-07DL	WV5701-6DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	OLFB-1120-MW16R-07DL	WV5701-4DL	NM	10/26/2005	11/1/2005	11/23/2005	6	22	28
OV	%	OLFB-1120-TB1025	WV5658-10	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1120-TB1026	WV5701-3	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	%	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	%	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-TB1025	WV5658-10	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1120-TB1026	WV5701-3	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/7/2005	11/7/2005	12	0	12
OV	UG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
OV	UG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	11/5/2005	11/5/2005	11	0	11
TPH	%	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	%	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	%	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/2/2005	11/21/2005	7	19	26
TPH	UG/L	OLFB-1120-MW14R-07D	WV5658-13	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1140-MW28-07	WV5658-7	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1140-MW13-07	WV5658-8	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1120-MW5R-07	WV5701-2	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	UG/L	OLFB-1120-MW30-07	WV5701-5	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	UG/L	OLFB-1120-MW25-07	WV5701-1	NM	10/26/2005	11/2/2005	11/21/2005	7	19	26
TPH	UG/L	OLFB-1120-MW16R-07	WV5701-4	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27
TPH	UG/L	OLFB-1120-MW14R-07	WV5658-12	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1120-MW02-07	WV5658-11	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1140-MW29-07	WV5658-9	NM	10/25/2005	10/31/2005	11/21/2005	6	21	27
TPH	UG/L	OLFB-1120-MW24-07	WV5701-6	NM	10/26/2005	11/2/2005	11/22/2005	7	20	27

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: OV

nsample	OLFB-1120-MW02-07
samp_date	10/25/2005
lab_id	WV5658-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

nsample	OLFB-1120-MW14R-07
samp_date	10/25/2005
lab_id	WV5658-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	7			
M+P-XYLENES	5			
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.5	I	J	P
TOLUENE	0.2	U	U	
TOTAL XYLENES	6			

nsample	OLFB-1120-MW14R-07D
samp_date	10/25/2005
lab_id	WV5658-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	OLFB-1120-MW14R-07

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	7			
M+P-XYLENES	5			
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.5	I	J	P
TOLUENE	0.2	U	U	
TOTAL XYLENES	6			

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: OV

nsample	OLFB-1120-MW16R-07
samp_date	10/26/2005
lab_id	WV5701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

nsample	OLFB-1120-MW24-07
samp_date	10/26/2005
lab_id	WV5701-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

nsample	OLFB-1120-MW25-07
samp_date	10/26/2005
lab_id	WV5701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.3	I	J	P
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: OV

nsample	OLFB-1120-MW30-07
samp_date	10/26/2005
lab_id	WV5701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

nsample	OLFB-1120-MW5R-07
samp_date	10/26/2005
lab_id	WV5701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	6			
M+P-XYLENES	16			
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	16			

nsample	OLFB-1120-TB1025
samp_date	10/25/2005
lab_id	WV5658-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: OV

nsample	OLFB-1120-TB1026
samp_date	10/26/2005
lab_id	WV5701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

nsample	OLFB-1140-MW13-07
samp_date	10/25/2005
lab_id	WV5658-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

nsample	OLFB-1140-MW28-07
samp_date	10/25/2005
lab_id	WV5658-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: OV

nsample	OLFB-1140-MW29-07
samp_date	10/25/2005
lab_id	WV5658-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYL TERT-BUTYL ETHER	0.8	U	U	
O-XYLENE	0.3	U	U	
TOLUENE	0.2	U	U	
TOTAL XYLENES	0.8	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PAH

nsample	OLFB-1120-MW02-07	nsample	OLFB-1120-MW14R-07	nsample	OLFB-1120-MW14R-07D
samp_date	10/25/2005	samp_date	10/25/2005	samp_date	10/25/2005
lab_id	WV5658-11DL	lab_id	WV5658-12DL	lab_id	WV5658-13DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	15			
2-METHYLNAPHTHALENE	14			
ACENAPHTHENE	0.1	I	J	P
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.2	I	J	P
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	2			
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	190			
2-METHYLNAPHTHALENE	210			
ACENAPHTHENE	3			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	4			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	82			
PHENANTHRENE	3			
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	190			
2-METHYLNAPHTHALENE	210			
ACENAPHTHENE	3			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	4			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	81			
PHENANTHRENE	3			
PYRENE	0.08	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PAH

nsample	OLFB-1120-MW16R-07
samp_date	10/26/2005
lab_id	WV5701-4DL
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	14			
2-METHYLNAPHTHALENE	20			
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	1			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.5			
PHENANTHRENE	0.4			
PYRENE	0.09	U	U	

nsample	OLFB-1120-MW24-07
samp_date	10/26/2005
lab_id	WV5701-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	3			
2-METHYLNAPHTHALENE	17			
ACENAPHTHENE	0.8			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	1			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.8			
PHENANTHRENE	0.3			
PYRENE	0.09	U	U	

nsample	OLFB-1120-MW25-07
samp_date	10/26/2005
lab_id	WV5701-1DL
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	34			
2-METHYLNAPHTHALENE	56			
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	2			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	9			
PHENANTHRENE	0.8			
PYRENE	0.09	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PAH

nsample	OLFB-1120-MW30-07	nsample	OLFB-1120-MW5R-07	nsample	OLFB-1140-MW02-13
samp_date	10/26/2005	samp_date	10/26/2005	samp_date	10/25/2005
lab_id	WV5701-5	lab_id	WV5701-2DL	lab_id	WV5658-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.09	U	U	
2-METHYLNAPHTHALENE	1			
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.5			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.2			
PHENANTHRENE	0.3			
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	16			
2-METHYLNAPHTHALENE	11			
ACENAPHTHENE	0.1	I	J	P
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.1	I	J	P
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	27			
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.09	U	U	
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PAH

nsample	OLFB-1140-MW03-14	nsample	OLFB-1140-MW03-14D	nsample	OLFB-1140-MW08-13
samp_date	10/25/2005	samp_date	10/25/2005	samp_date	10/25/2005
lab_id	WV5658-3DL	lab_id	WV5658-4DL	lab_id	WV5658-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	36			
2-METHYLNAPHTHALENE	13			
ACENAPHTHENE	3			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.2	I	J	P
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	4			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	4			
PHENANTHRENE	2			
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	44			
2-METHYLNAPHTHALENE	16			
ACENAPHTHENE	4			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.2			
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	4			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	4			
PHENANTHRENE	2			
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	1			
2-METHYLNAPHTHALENE	0.8			
ACENAPHTHENE	0.7			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.8			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.5			
PHENANTHRENE	0.1	I	J	P
PYRENE	0.09	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PAH

nsample	OLFB-1140-MW09-13
samp_date	10/25/2005
lab_id	WV5658-6DL
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	11			
2-METHYLNAPHTHALENE	4			
ACENAPHTHENE	2			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	2			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	4			
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

nsample	OLFB-1140-MW13-07
samp_date	10/25/2005
lab_id	WV5658-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.1	U	U	
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

nsample	OLFB-1140-MW13-13
samp_date	10/25/2005
lab_id	WV5658-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.1	U	U	
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.2			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.5			
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PAH

nsample	OLFB-1140-MW28-07
samp_date	10/25/2005
lab_id	WV5658-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.09	U	U	
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

nsample	OLFB-1140-MW29-07
samp_date	10/25/2005
lab_id	WV5658-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.09	U	U	
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PET

nsample	OLFB-1120-MW02-07
samp_date	10/25/2005
lab_id	WV5658-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	560	JV	U	A

nsample	OLFB-1120-MW14R-07
samp_date	10/25/2005
lab_id	WV5658-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	2600	JV		

nsample	OLFB-1120-MW14R-07D
samp_date	10/25/2005
lab_id	WV5658-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	OLFB-1120-MW14R-07

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	2400	JV		

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PET

nsample	OLFB-1120-MW16R-07
samp_date	10/26/2005
lab_id	WV5701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	780			

nsample	OLFB-1120-MW24-07
samp_date	10/26/2005
lab_id	WV5701-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	780			

nsample	OLFB-1120-MW25-07
samp_date	10/26/2005
lab_id	WV5701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	700			

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PET

nsample	OLFB-1120-MW30-07
samp_date	10/26/2005
lab_id	WV5701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	540			

nsample	OLFB-1120-MW5R-07
samp_date	10/26/2005
lab_id	WV5701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	570			

nsample	OLFB-1140-MW13-07
samp_date	10/25/2005
lab_id	WV5658-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: PET

nsample	OLFB-1140-MW28-07	nsample	OLFB-1140-MW29-07
samp_date	10/25/2005	samp_date	10/25/2005
lab_id	WV5658-7	lab_id	WV5658-9
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: MISC

nsample	OLFB-1120-MW02-07
samp_date	10/25/2005
lab_id	WV5658-11
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	0.94	I	J	P
TOTAL ORGANIC CARBON	MG/L	3			

nsample	OLFB-1120-MW14R-07
samp_date	10/25/2005
lab_id	WV5658-12
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	1	U	U	
TOTAL ORGANIC CARBON	MG/L	3			

nsample	OLFB-1120-MW14R-07D
samp_date	10/25/2005
lab_id	WV5658-13
qc_type	NM
Pct_Solids	0.0
DUP_OF:	OLFB-1120-MW14R-07

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	1	U	U	
TOTAL ORGANIC CARBON	MG/L	2.8			

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: MISC

nsample	OLFB-1120-MW16R-07
samp_date	10/26/2005
lab_id	WV5701-4
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	0.64	I	J	P
TOTAL ORGANIC CARBON	MG/L	0.79	I	J	P

nsample	OLFB-1120-MW24-07
samp_date	10/26/2005
lab_id	WV5701-6
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	2.4			
TOTAL ORGANIC CARBON	MG/L	1.2			

nsample	OLFB-1120-MW25-07
samp_date	10/26/2005
lab_id	WV5701-1
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	1.1			
TOTAL ORGANIC CARBON	MG/L	2.1			

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: MISC

nsample	OLFB-1120-MW30-07	nsample	OLFB-1120-MW5R-07	nsample	OLFB-1140-MW02-13
samp_date	10/26/2005	samp_date	10/26/2005	samp_date	10/25/2005
lab_id	WV5701-5	lab_id	WV5701-2	lab_id	WV5658-1
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	4.1			
TOTAL ORGANIC CARBON	MG/L	0.91	I	J	P

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	2.9			
TOTAL ORGANIC CARBON	MG/L	2.6			

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	4.8			
TOTAL ORGANIC CARBON	MG/L	0.45	I	J	P

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: MISC

nsample	OLFB-1140-MW03-14
samp_date	10/25/2005
lab_id	WV5658-3
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	5.5			
TOTAL ORGANIC CARBON	MG/L	3.3			

nsample	OLFB-1140-MW03-14D
samp_date	10/25/2005
lab_id	WV5658-4
qc_type	NM
Pct_Solids	0.0
DUP_OF:	OLFB-1140-MW03-14

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	5.4			
TOTAL ORGANIC CARBON	MG/L	3.3			

nsample	OLFB-1140-MW08-13
samp_date	10/25/2005
lab_id	WV5658-5
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	5.6			
TOTAL ORGANIC CARBON	MG/L	8.6			

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: MISC

nsample	OLFB-1140-MW09-13	nsample	OLFB-1140-MW13-07	nsample	OLFB-1140-MW13-13
samp_date	10/25/2005	samp_date	10/25/2005	samp_date	10/25/2005
lab_id	WV5658-6	lab_id	WV5658-8	lab_id	WV5658-2
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	5.1			
TOTAL ORGANIC CARBON	MG/L	8.5			

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	6.3			
TOTAL ORGANIC CARBON	MG/L	0.5	I	J	P

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	5.1			
TOTAL ORGANIC CARBON	MG/L	5			

PROJ_NO: 00055

SDG: CTO380-1 MEDIA: WATER DATA FRACTION: MISC

nsample	OLFB-1140-MW28-07	nsample	OLFB-1140-MW29-07
samp_date	10/25/2005	samp_date	10/25/2005
lab_id	WV5658-7	lab_id	WV5658-9
qc_type	NM	qc_type	NM
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	7.4			
TOTAL ORGANIC CARBON	MG/L	0.97	I	J	P

Parameter	units	Result	Lab Qual	Val Qual	Qual Code
SULFATE	MG/L	8.8			
TOTAL ORGANIC CARBON	MG/L	0.73	I	J	P

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 17:00
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-11
Client ID: OLFB-1120-MW02-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		J127%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		104%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 17:31
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-12
Client ID: OLFB-1120-MW14R-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene		7	1.0	1	1	0.2
	m+p-Xylenes		5	1.0	2	2	0.5
95-47-6	o-Xylene	I	0.5	1.0	1	1	0.3
1330-20-7	Xylenes (total)		6	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		104%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 18:02
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-13
Client ID: OLFB-1120-MW14R-07D
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene		7	1.0	1	1	0.2
	m+p-Xylenes		5	1.0	2	2	0.5
95-47-6	o-Xylene	I	0.5	1.0	1	1	0.3
1330-20-7	Xylenes (total)		6	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		114%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		105%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date:
Analysis Date: 07-NOV-2005 13:51
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-4
Client ID: OLFB-1120-MW16R-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22519
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		J120%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		109%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date:
Analysis Date: 07-NOV-2005 14:54
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-6
Client ID: OLFB-1120-MW24-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22519
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		114%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		106%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date:
Analysis Date: 07-NOV-2005 12:50
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-1
Client ID: OLFB-1120-MW25-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22519
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	I	0.3	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		98%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date:
Analysis Date: 07-NOV-2005 14:23
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-5
Client ID: OLFB-1120-MW30-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22519
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		J121%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		109%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date:
Analysis Date: 07-NOV-2005 13:21
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-2
Client ID: OLFB-1120-MW5R-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22519
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene		6	1.0	1	1	0.2
	m+p-Xylenes		16	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)		16	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		100%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 12:19
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-10
Client ID: OLFB-1120-TB1025
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		J122%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		106%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date:
Analysis Date: 07-NOV-2005 12:18
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-3
Client ID: OLFB-1120-TB1026
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22519
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		119%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		102%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 15:58
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-8
Client ID: OLFB-1140-MW13-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		J121%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		99%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 18:33
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-7
Client ID: OLFB-1140-MW28-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		101%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 16:29
Report Date: 12/01/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-9
Client ID: OLFB-1140-MW29-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		109%				
17060-07-0	1,2-Dichloroethane-D4		J130%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 22:00
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-11
Client ID: OLFB-1120-MW02-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		2	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	18	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	16	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	I	0.1	1.0	0.2	0.2	0.09
86-73-7	Fluorene	I	0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		32%				
81103-79-9	Fluorene-d10		70%				
1718-52-1	Pyrene-d10		51%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 28-NOV-2005 20:41
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-11DL
Client ID: OLFB-1120-MW02-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		2	5.0	0.2	1.0	0.2
91-57-6	2-Methylnaphthalene		14	5.0	0.2	1.0	0.3
90-12-0	1-Methylnaphthalene		15	5.0	0.2	1.0	0.5
208-96-8	Acenaphthylene	U	0.2	5.0	0.2	1.0	0.2
83-32-9	Acenaphthene	U	0.4	5.0	0.2	1.0	0.4
86-73-7	Fluorene	U	0.3	5.0	0.2	1.0	0.3
85-01-8	Phenanthrene	U	0.4	5.0	0.2	1.0	0.4
120-12-7	Anthracene	U	0.3	5.0	0.2	1.0	0.3
206-44-0	Fluoranthene	U	0.3	5.0	0.2	1.0	0.3
129-00-0	Pyrene	U	0.4	5.0	0.2	1.0	0.4
56-55-3	Benzo(a)anthracene	U	0.4	5.0	0.2	1.0	0.4
218-01-9	Chrysene	U	0.2	5.0	0.2	1.0	0.2
205-99-2	Benzo(b)fluoranthene	U	0.4	5.0	0.2	1.0	0.4
207-08-9	Benzo(k)fluoranthene	U	0.5	5.0	0.2	1.0	0.5
50-32-8	Benzo(a)pyrene	U	0.4	5.0	0.2	1.0	0.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.3	5.0	0.2	1.0	0.3
191-24-2	Benzo(g,h,i)perylene	U	0.7	5.0	0.2	1.0	0.7
53-70-3	Dibenzo(a,h)anthracene	U	0.6	5.0	0.2	1.0	0.6
7297-45-2	2-Methylnaphthalene-d10		38%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		55%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 22-NOV-2005 11:47
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-12
Client ID: OLFB-1120-MW14R-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	68	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	140	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	110	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		3	1.0	0.2	0.2	0.08
86-73-7	Fluorene		4	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		3	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		41%				
81103-79-9	Fluorene-d10		85%				
1718-52-1	Pyrene-d10		51%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 22-NOV-2005 12:31
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-13
Client ID: OLFB-1120-MW14R-07D
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	64	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	130	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	100	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		3	1.0	0.2	0.2	0.08
86-73-7	Fluorene		4	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		3	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		36%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 18:22
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-13DL
Client ID: OLFB-1120-MW14R-07D
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		81	50	0.2	9	2
91-57-6	2-Methylnaphthalene		210	50	0.2	9	3
90-12-0	1-Methylnaphthalene		190	50	0.2	9	5
208-96-8	Acenaphthylene	U	2	50	0.2	9	2
83-32-9	Acenaphthene	U	4	50	0.2	9	4
86-73-7	Fluorene	I	5	50	0.2	9	3
85-01-8	Phenanthrene	U	4	50	0.2	9	4
120-12-7	Anthracene	U	3	50	0.2	9	3
206-44-0	Fluoranthene	U	3	50	0.2	9	3
129-00-0	Pyrene	U	4	50	0.2	9	4
56-55-3	Benzo(a)anthracene	U	4	50	0.2	9	4
218-01-9	Chrysene	U	2	50	0.2	9	2
205-99-2	Benzo(b)fluoranthene	U	4	50	0.2	9	4
207-08-9	Benzo(k)fluoranthene	U	5	50	0.2	9	5
50-32-8	Benzo(a)pyrene	U	4	50	0.2	9	4
193-39-5	Indeno(1,2,3-cd)pyrene	U	3	50	0.2	9	3
191-24-2	Benzo(g,h,i)perylene	U	7	50	0.2	9	7
53-70-3	Dibenzo(a,h)anthracene	U	6	50	0.2	9	6
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 22-NOV-2005 16:19
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-4
Client ID: OLFB-1120-MW16R-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		0.5	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	19	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	12	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene		1.0	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		0.4	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		39%				
81103-79-9	Fluorene-d10		83%				
1718-52-1	Pyrene-d10		50%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 20:38
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-4DL
Client ID: OLFB-1120-MW16R-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.3	5.0	0.2	1.0	0.2
91-57-6	2-Methylnaphthalene		20	5.0	0.2	1.0	0.3
90-12-0	1-Methylnaphthalene		14	5.0	0.2	1.0	0.5
208-96-8	Acenaphthylene	U	0.2	5.0	0.2	1.0	0.2
83-32-9	Acenaphthene		1.0	5.0	0.2	1.0	0.4
86-73-7	Fluorene	I	0.7	5.0	0.2	1.0	0.3
85-01-8	Phenanthrene	U	0.4	5.0	0.2	1.0	0.4
120-12-7	Anthracene	U	0.3	5.0	0.2	1.0	0.3
206-44-0	Fluoranthene	U	0.3	5.0	0.2	1.0	0.3
129-00-0	Pyrene	U	0.4	5.0	0.2	1.0	0.4
56-55-3	Benzo(a)anthracene	U	0.4	5.0	0.2	1.0	0.4
218-01-9	Chrysene	U	0.2	5.0	0.2	1.0	0.2
205-99-2	Benzo(b)fluoranthene	U	0.4	5.0	0.2	1.0	0.4
207-08-9	Benzo(k)fluoranthene	U	0.5	5.0	0.2	1.0	0.5
50-32-8	Benzo(a)pyrene	U	0.4	5.0	0.2	1.0	0.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.3	5.0	0.2	1.0	0.3
191-24-2	Benzo(g,h,i)perylene	U	0.7	5.0	0.2	1.0	0.7
53-70-3	Dibenzo(a,h)anthracene	U	0.6	5.0	0.2	1.0	0.6
7297-45-2	2-Methylnaphthalene-d10		38%				
81103-79-9	Fluorene-d10		74%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 22:07
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-6
Client ID: OLFB-1120-MW24-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		0.8	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	18	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene		3	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.8	1.0	0.2	0.2	0.09
86-73-7	Fluorene		1	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		0.3	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		36%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 21:22
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-6DL
Client ID: OLFB-1120-MW24-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.4	5.0	0.2	1.0	0.2
91-57-6	2-Methylnaphthalene		17	5.0	0.2	1.0	0.3
90-12-0	1-Methylnaphthalene		3	5.0	0.2	1.0	0.5
208-96-8	Acenaphthylene	U	0.2	5.0	0.2	1.0	0.2
83-32-9	Acenaphthene	I	0.9	5.0	0.2	1.0	0.4
86-73-7	Fluorene		2	5.0	0.2	1.0	0.3
85-01-8	Phenanthrene	I	0.4	5.0	0.2	1.0	0.4
120-12-7	Anthracene	U	0.3	5.0	0.2	1.0	0.3
206-44-0	Fluoranthene	U	0.3	5.0	0.2	1.0	0.3
129-00-0	Pyrene	U	0.4	5.0	0.2	1.0	0.4
56-55-3	Benzo(a)anthracene	U	0.4	5.0	0.2	1.0	0.4
218-01-9	Chrysene	U	0.2	5.0	0.2	1.0	0.2
205-99-2	Benzo(b)fluoranthene	U	0.4	5.0	0.2	1.0	0.4
207-08-9	Benzo(k)fluoranthene	U	0.5	5.0	0.2	1.0	0.5
50-32-8	Benzo(a)pyrene	U	0.4	5.0	0.2	1.0	0.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.3	5.0	0.2	1.0	0.3
191-24-2	Benzo(g,h,i)perylene	U	0.7	5.0	0.2	1.0	0.7
53-70-3	Dibenzo(a,h)anthracene	U	0.6	5.0	0.2	1.0	0.6
7297-45-2	2-Methylnaphthalene-d10		32%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 22-NOV-2005 14:48
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-1
Client ID: OLFB-1120-MW25-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	10	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	58	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	25	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene		2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		0.8	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		33%				
81103-79-9	Fluorene-d10		70%				
1718-52-1	Pyrene-d10		46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 19:07
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-1DL
Client ID: OLFB-1120-MW25-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		9	20	0.2	4	1.0
91-57-6	2-Methylnaphthalene		56	20	0.2	4	1
90-12-0	1-Methylnaphthalene		34	20	0.2	4	2
208-96-8	Acenaphthylene	U	0.8	20	0.2	4	0.8
83-32-9	Acenaphthene	U	2	20	0.2	4	2
86-73-7	Fluorene	I	2	20	0.2	4	1
85-01-8	Phenanthrene	U	2	20	0.2	4	2
120-12-7	Anthracene	U	1	20	0.2	4	1
206-44-0	Fluoranthene	U	1	20	0.2	4	1
129-00-0	Pyrene	U	2	20	0.2	4	2
56-55-3	Benzo(a)anthracene	U	2	20	0.2	4	2
218-01-9	Chrysene	U	1.0	20	0.2	4	1.0
205-99-2	Benzo(b)fluoranthene	U	2	20	0.2	4	2
207-08-9	Benzo(k)fluoranthene	U	2	20	0.2	4	2
50-32-8	Benzo(a)pyrene	U	2	20	0.2	4	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	1	20	0.2	4	1
191-24-2	Benzo(g,h,i)perylene	U	3	20	0.2	4	3
53-70-3	Dibenzo(a,h)anthracene	U	2	20	0.2	4	2
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 22-NOV-2005 17:04
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-5
Client ID: OLFB-1120-MW30-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		0.2	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		1	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.5	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		0.3	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		35%				
81103-79-9	Fluorene-d10		66%				
1718-52-1	Pyrene-d10		51%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 13:50
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-2
Client ID: OLFB-1120-MW5R-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	28	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	16	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	14	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	I	0.1	1.0	0.2	0.2	0.09
86-73-7	Fluorene	I	0.1	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		J 28%				
81103-79-9	Fluorene-d10		49%				
1718-52-1	Pyrene-d10		32%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/01/05
Analysis Date: 23-NOV-2005 19:52
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-2DL
Client ID: OLFB-1120-MW5R-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		27	10	0.2	2	0.5
91-57-6	2-Methylnaphthalene		11	10	0.2	2	0.6
90-12-0	1-Methylnaphthalene		16	10	0.2	2	1.0
208-96-8	Acenaphthylene	U	0.4	10	0.2	2	0.4
83-32-9	Acenaphthene	U	0.9	10	0.2	2	0.9
86-73-7	Fluorene	U	0.6	10	0.2	2	0.6
85-01-8	Phenanthrene	U	0.8	10	0.2	2	0.8
120-12-7	Anthracene	U	0.7	10	0.2	2	0.7
206-44-0	Fluoranthene	U	0.7	10	0.2	2	0.7
129-00-0	Pyrene	U	0.9	10	0.2	2	0.9
56-55-3	Benzo(a)anthracene	U	0.8	10	0.2	2	0.8
218-01-9	Chrysene	U	0.5	10	0.2	2	0.5
205-99-2	Benzo(b)fluoranthene	U	0.8	10	0.2	2	0.8
207-08-9	Benzo(k)fluoranthene	U	1.0	10	0.2	2	1.0
50-32-8	Benzo(a)pyrene	U	0.8	10	0.2	2	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.7	10	0.2	2	0.7
191-24-2	Benzo(g,h,i)perylene	U	1	10	0.2	2	1
53-70-3	Dibenzo(a,h)anthracene	U	1	10	0.2	2	1
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/27/05
Analysis Date: 23-NOV-2005 11:38
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-1
Client ID: OLFB-1140-MW02-13
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22093
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		42%				
81103-79-9	Fluorene-d10		81%				
1718-52-1	Pyrene-d10		54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/27/05
Analysis Date: 23-NOV-2005 13:05
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-3
Client ID: OLFB-1140-MW03-14
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22093
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		4	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	16	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	42	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		3	1.0	0.2	0.2	0.08
86-73-7	Fluorene		4	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		2	1.0	0.2	0.2	0.08
120-12-7	Anthracene	I	0.2	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		42%				
81103-79-9	Fluorene-d10		74%				
1718-52-1	Pyrene-d10		41%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/27/05
Analysis Date: 30-NOV-2005 12:53
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-3DL
Client ID: OLFB-1140-MW03-14
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22093
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	2	20	0.2	4	1.0
91-57-6	2-Methylnaphthalene		13	20	0.2	4	1
90-12-0	1-Methylnaphthalene		36	20	0.2	4	2
208-96-8	Acenaphthylene	U	0.8	20	0.2	4	0.8
83-32-9	Acenaphthene	I	4	20	0.2	4	2
86-73-7	Fluorene		6	20	0.2	4	1
85-01-8	Phenanthrene	I	2	20	0.2	4	2
120-12-7	Anthracene	U	1	20	0.2	4	1
206-44-0	Fluoranthene	U	1	20	0.2	4	1
129-00-0	Pyrene	U	2	20	0.2	4	2
56-55-3	Benzo(a)anthracene	U	2	20	0.2	4	2
218-01-9	Chrysene	U	1.0	20	0.2	4	1.0
205-99-2	Benzo(b)fluoranthene	U	2	20	0.2	4	2
207-08-9	Benzo(k)fluoranthene	U	2	20	0.2	4	2
50-32-8	Benzo(a)pyrene	U	2	20	0.2	4	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	1	20	0.2	4	1
191-24-2	Benzo(g,h,i)perylene	U	3	20	0.2	4	3
53-70-3	Dibenzo(a,h)anthracene	U	2	20	0.2	4	2
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 17:30
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-4
Client ID: OLFB-1140-MW03-14D
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		4	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	18	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	45	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		4	1.0	0.2	0.2	0.08
86-73-7	Fluorene		4	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		2	1.0	0.2	0.2	0.08
120-12-7	Anthracene		0.2	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		48%				
81103-79-9	Fluorene-d10		96%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 28-NOV-2005 19:12
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-4DL
Client ID: OLFB-1140-MW03-14D
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		3	10	0.2	2	0.5
91-57-6	2-Methylnaphthalene		16	10	0.2	2	0.6
90-12-0	1-Methylnaphthalene		44	10	0.2	2	0.9
208-96-8	Acenaphthylene	U	0.4	10	0.2	2	0.4
83-32-9	Acenaphthene		3	10	0.2	2	0.8
86-73-7	Fluorene		4	10	0.2	2	0.6
85-01-8	Phenanthrene		2	10	0.2	2	0.8
120-12-7	Anthracene	U	0.7	10	0.2	2	0.7
206-44-0	Fluoranthene	U	0.7	10	0.2	2	0.7
129-00-0	Pyrene	U	0.8	10	0.2	2	0.8
56-55-3	Benzo(a)anthracene	U	0.8	10	0.2	2	0.8
218-01-9	Chrysene	U	0.5	10	0.2	2	0.5
205-99-2	Benzo(b)fluoranthene	U	0.8	10	0.2	2	0.8
207-08-9	Benzo(k)fluoranthene	U	0.9	10	0.2	2	0.9
50-32-8	Benzo(a)pyrene	U	0.8	10	0.2	2	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.7	10	0.2	2	0.7
191-24-2	Benzo(g,h,i)perylene	U	1	10	0.2	2	1
53-70-3	Dibenzo(a,h)anthracene	U	1	10	0.2	2	1
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 18:15
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-5
Client ID: OLFB-1140-MW08-13
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		0.5	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		0.8	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene		1	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.7	1.0	0.2	0.2	0.09
86-73-7	Fluorene		0.8	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	I	0.1	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		38%				
81103-79-9	Fluorene-d10		78%				
1718-52-1	Pyrene-d10		46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 19:00
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-6
Client ID: OLFB-1140-MW09-13
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	5	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		4	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	L	14	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		2	1.0	0.2	0.2	0.09
86-73-7	Fluorene		2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		45%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 28-NOV-2005 19:56
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-6DL
Client ID: OLFB-1140-MW09-13
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		4	5.0	0.2	1.0	0.2
91-57-6	2-Methylnaphthalene		3	5.0	0.2	1.0	0.3
90-12-0	1-Methylnaphthalene		11	5.0	0.2	1.0	0.5
208-96-8	Acenaphthylene	U	0.2	5.0	0.2	1.0	0.2
83-32-9	Acenaphthene		2	5.0	0.2	1.0	0.4
86-73-7	Fluorene		2	5.0	0.2	1.0	0.3
85-01-8	Phenanthrene	U	0.4	5.0	0.2	1.0	0.4
120-12-7	Anthracene	U	0.3	5.0	0.2	1.0	0.3
206-44-0	Fluoranthene	U	0.3	5.0	0.2	1.0	0.3
129-00-0	Pyrene	U	0.4	5.0	0.2	1.0	0.4
56-55-3	Benzo(a)anthracene	U	0.4	5.0	0.2	1.0	0.4
218-01-9	Chrysene	U	0.2	5.0	0.2	1.0	0.2
205-99-2	Benzo(b)fluoranthene	U	0.4	5.0	0.2	1.0	0.4
207-08-9	Benzo(k)fluoranthene	U	0.5	5.0	0.2	1.0	0.5
50-32-8	Benzo(a)pyrene	U	0.4	5.0	0.2	1.0	0.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.3	5.0	0.2	1.0	0.3
191-24-2	Benzo(g,h,i)perylene	U	0.7	5.0	0.2	1.0	0.7
53-70-3	Dibenzo(a,h)anthracene	U	0.6	5.0	0.2	1.0	0.6
7297-45-2	2-Methylnaphthalene-d10		35%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 20:30
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-8
Client ID: OLFB-1140-MW13-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		39%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		58%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/27/05
Analysis Date: 23-NOV-2005 12:22
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-2
Client ID: OLFB-1140-MW13-13
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22093
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.2	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.5	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		J 28%				
81103-79-9	Fluorene-d10		70%				
1718-52-1	Pyrene-d10		41%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 19:45
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-7
Client ID: OLFB-1140-MW28-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		41%				
81103-79-9	Fluorene-d10		82%				
1718-52-1	Pyrene-d10		56%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 21:15
Report Date: 11/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-9
Client ID: OLFB-1140-MW29-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		35%				
81103-79-9	Fluorene-d10		71%				
1718-52-1	Pyrene-d10		51%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 19:15
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-11
Client ID: OLFB-1120-MW02-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	560	1.0	500	500	220
	n-Triacontane-D62		115%				
	O-Terphenyl		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 20:25
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-12
Client ID: OLFB-1120-MW14R-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	2600	1.0	500	500	220
	n-Triacontane-D62		97%				
	O-Terphenyl		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 21:35
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-13
Client ID: OLFB-1120-MW14R-07D
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	2400	1.0	500	500	220
	n-Triacontane-D62		92%				
	O-Terphenyl		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/02/05
Analysis Date: 22-NOV-2005 15:32
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-4
Client ID: OLFB-1120-MW16R-07
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22341
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		780	1.0	500	500	220
	n-Triacontane-D62		100%				
	O-Terphenyl		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/02/05
Analysis Date: 22-NOV-2005 17:52
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-6
Client ID: OLFB-1120-MW24-07
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22341
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		780	1.0	500	500	210
	n-Triacontane-D62		100%				
	O-Terphenyl		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/02/05
Analysis Date: 21-NOV-2005 22:45
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-1
Client ID: OLFB-1120-MW25-07
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22341
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		700	1.0	500	500	210
	n-Triacontane-D62		76%				
	O-Terphenyl		J 76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/02/05
Analysis Date: 22-NOV-2005 16:42
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-5
Client ID: OLFB-1120-MW30-07
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22341
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		540	1.0	500	500	220
	n-Triacontane-D62		101%				
	O-Terphenyl		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/26/05
Received Date: 10/27/05
Extraction Date: 11/02/05
Analysis Date: 22-NOV-2005 14:22
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5701-2
Client ID: OLFB-1120-MW5R-07
SDG: CTO380-1
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22341
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		570	1.0	500	500	220
	n-Triacontane-D62		98%				
	O-Terphenyl		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 16:55
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-8
Client ID: OLFB-1140-MW13-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		130%				
	O-Terphenyl		128%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 15:44
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-7
Client ID: OLFB-1140-MW28-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		100%				
	O-Terphenyl		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 18:05
Report Date: 11/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-9
Client ID: OLFB-1140-MW29-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		98%				
	O-Terphenyl		98%				

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-11
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW02-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	I0.94 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:31:12	N/A	N/A	KGT	
Total Organic Carbon	3.0 mg/L	1	EPA 415.1	WG23047	18-NOV-05 14:05:27	N/A	N/A	SJC	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-12
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW14R-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	U1.0 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:31:12	N/A	N/A	KGT	
Total Organic Carbon	3.0 mg/L	1	EPA 415.1	WG23047	18-NOV-05 14:36:27	N/A	N/A	SJC	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-13
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW14R-07D	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	U1.0 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:31:12	N/A	N/A	KGT	
Total Organic Carbon	2.8 mg/L	1	EPA 415.1	WG23047	18-NOV-05 14:46:21	N/A	N/A	SJC	

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5701-4
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CTO380 NAS PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW16R-07	AQ	26-OCT-05	27-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	I0.64 mg/L	1	EPA 375.4	WG23119	21-NOV-05 12:00:00	N/A	N/A	KGT	
Total Organic Carbon	I0.79 mg/L	1	EPA 415.1	WG23047	18-NOV-05 15:27:12	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5701-6
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CTO380 NAS PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW24-07	AQ	26-OCT-05	27-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	2.4 mg/L	1	EPA 375.4	WG23119	21-NOV-05 12:00:00	N/A	N/A	KGT	
Total Organic Carbon	1.2 mg/L	1	EPA 415.1	WG23047	18-NOV-05 15:46:44	N/A	N/A	SJC	

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5701-1
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CTO380 NAS PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW25-07	AQ	26-OCT-05	27-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	1.1 mg/L	1	EPA 375.4	WG23119	21-NOV-05 12:00:00	N/A	N/A	KGT	
Total Organic Carbon	2.1 mg/L	1	EPA 415.1	WG23047	18-NOV-05 14:56:16	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5701-5
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CTO380 NAS PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW30-07	AQ	26-OCT-05	27-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	4.1 mg/L	1	EPA 375.4	WG23119	21-NOV-05 12:00:00	N/A	N/A	KGT	
Total Organic Carbon	I0.91 mg/L	1	EPA 415.1	WG23047	18-NOV-05 15:36:58	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5701-2
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CTO380 NAS PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW5R-07	AQ	26-OCT-05	27-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	2.9 mg/L	1	EPA 375.4	WG23119	21-NOV-05 12:00:00	N/A	N/A	KGT	
Total Organic Carbon	2.6 mg/L	1	EPA 415.1	WG23047	18-NOV-05 15:17:28	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-1
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW02-13	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	4.8 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	I0.45 mg/L	1	EPA 415.1	WG22865	15-NOV-05 17:51:25	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-3
Report Date: 28-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW03-14	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	5.5 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	3.3 mg/L	1	EPA 415.1	WG22865	15-NOV-05 18:11:31	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-4
Report Date: 28-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW03-14D	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	5.4 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	3.3 mg/L	1	EPA 415.1	WG22865	15-NOV-05 18:21:34	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-5
Report Date: 28-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW08-13	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	5.6 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	8.6 mg/L	1	EPA 415.1	WG22865	15-NOV-05 18:31:48	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-6
Report Date: 28-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW09-13	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	5.1 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	8.5 mg/L	1	EPA 415.1	WG22865	15-NOV-05 18:42:02	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-8
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW13-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	6.3 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:16:48	N/A	N/A	KGT	
Total Organic Carbon	I0.50 mg/L	1	EPA 415.1	WG22865	15-NOV-05 19:22:42	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-2
Report Date: 28-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW13-13	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	5.1 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	5.0 mg/L	1	EPA 415.1	WG22865	15-NOV-05 18:01:31	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-7
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW28-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	7.4 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	I0.97 mg/L	1	EPA 415.1	WG22865	15-NOV-05 19:12:57	N/A	N/A	SJC	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-9
Report Date: 29-NOV-05
Client PO: MSA-0402-N4113-05 100505
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1140-MW29-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	8.8 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:31:12	N/A	N/A	KGT	
Total Organic Carbon	I0.73 mg/L	1	EPA 415.1	WG22865	15-NOV-05 19:32:30	N/A	N/A	SJC	

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December 4, 2006

Ms. Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh, PA 15220

RE: Katahdin Lab Number: WV5658 (part of SDG: CTO380-1)
Project ID: CTO 380 NAS PENSACOLA
Project Manager: Ms. Andrea J. Colby
Sample Receipt Date: October 26, 2005

Dear Ms. Thomson:

Please find enclosed the following information:

* Reissued forms associated with samples WV5658-7, WV5658-8 and WV5658-9 for the work order mentioned above.

Due to an error in sample receipt, samples WV5658-7, -8 and -9 were logged in with the wrong client ID. The reissue contains only the affected forms.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. This cover letter is an integral part of the ROA.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Sincerely,

KATAHDIN ANALYTICAL SERVICES

Jennifer Obrin
Authorized Signature

01.04.06
Date

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 18:33
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WV5658-7
Client ID: OLFB-1120-MW28-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 15:58
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WV5658-8
Client ID: OLFB-1120-MW13-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		J121%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date:
Analysis Date: 05-NOV-2005 16:29
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WV5658-9
Client ID: OLFB-1120-MW29-07
SDG: CTO380-1
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		109%				
17060-07-0	1,2-Dichloroethane-D4		J130%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		106%				

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0380 PENSACOLA SDG No.: CT0380-1

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG22458-LCS	WG22458-1	108	115	108	110	0
02	WG22458-BLANK	WG22458-2	105	115	111	108	0
03	OLFB-1120-TB1025	WV5658-10	108	122J	108	106	1
04	OLFB-1120-MW13-07	WV5658-8	103	121J	102	99	1
05	OLFB-1120-MW29-07	WV5658-9	109	130J	108	106	1
06	OLFB-1120-MW02-07	WV5658-11	108	127J	106	104	1
07	OLFB-1120-MW14R-07	WV5658-12	99	116	103	104	0
08	OLFB-1120-MW14R-07D	WV5658-13	104	114	106	105	0
09	OLFB-1120-MW28-07	WV5658-7	102	106	105	101	0
10	WG22519-LCS	WG22519-1	100	110	99	102	0
11	WG22519-BLANK	WG22519-2	97	106	100	97	0
12	OLFB-1120-TB1026	WV5701-3	102	119	102	102	0
13	OLFB-1120-MW25-07	WV5701-1	96	112	96	98	0
14	OLFB-1120-MW5R-07	WV5701-2	100	110	101	100	0
15	OLFB-1120-MW16R-07	WV5701-4	108	120J	108	109	1
16	OLFB-1120-MW30-07	WV5701-5	106	121J	107	109	1
17	OLFB-1120-MW24-07	WV5701-6	105	114	107	106	0
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22458-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID: S7187 Lab Sample ID: WG22458-2

Date Analyzed: 11/05/05 Time Analyzed: 1033

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22458-LCS	WG22458-1	S7185	11/05/05	0919
02	OLFB-1120-TB1025	WV5658-10	S7190	11/05/05	1219
03	OLFB-1120-MW13-07	WV5658-8	S7197	11/05/05	1558
04	OLFB-1120-MW29-07	WV5658-9	S7198	11/05/05	1629
05	OLFB-1120-MW02-07	WV5658-11	S7199	11/05/05	1700
06	OLFB-1120-MW14R-07	WV5658-12	S7200	11/05/05	1731
07	OLFB-1120-MW14R-07D	WV5658-13	S7201	11/05/05	1802
08	OLFB-1120-MW28-07	WV5658-7	S7202	11/05/05	1833
09					
10					
11					
12					
13					
14					
15					
16					
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24					
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28					
29					
30					

COMMENTS:

FORM IV VOA

REISSUE

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID: SB066 BFB Injection Date: 11/05/05

Instrument ID: GCMS-S BFB Injection Time: 0809

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.7
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.0 (8.0)1
176	95.0 - 101.0% of mass 174	72.3 (96.0)1
177	5.0 - 9.0% of mass 176	4.7 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S05A	S7184	11/05/05	0838
02	WG22458-LCS	WG22458-1	S7185	11/05/05	0919
03	WG22458-BLANK	WG22458-2	S7187	11/05/05	1033
04	OLFB-1120-TB1025	WV5658-10	S7190	11/05/05	1219
05	OLFB-1120-MW13-07	WV5658-8	S7197	11/05/05	1558
06	OLFB-1120-MW29-07	WV5658-9	S7198	11/05/05	1629
07	OLFB-1120-MW02-07	WV5658-11	S7199	11/05/05	1700
08	OLFB-1120-MW14R-07	WV5658-12	S7200	11/05/05	1731
09	OLFB-1120-MW14R-07D	WV5658-13	S7201	11/05/05	1802
10	OLFB-1120-MW28-07	WV5658-7	S7202	11/05/05	1833
11					
12					
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14					
15					
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20					
21					
22					

FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID (Standard): S7184 Date Analyzed: 11/05/05

Instrument ID: GCMS-S Time Analyzed: 0838

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		596996	9.43	1031220	10.12	877883	13.59
UPPER LIMIT		1193992	9.93	2062440	10.62	1755766	14.09
LOWER LIMIT		298498	8.93	515610	9.62	438942	13.09
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22458-LCS	WG22458-1	602102	9.43	1050747	10.11	870642	13.59
02 WG22458-BLANK	WG22458-2	566571	9.42	958680	10.11	795549	13.59
03 OLFB-1120-TB1025	WV5658-10	550683	9.42	952714	10.12	779511	13.59
04 OLFB-1120-MW13-07	WV5658-8	506705	9.43	882359	10.11	733944	13.59
05 OLFB-1120-MW29-07	WV5658-9	485235	9.43	842145	10.11	698619	13.59
06 OLFB-1120-MW02-07	WV5658-11	473616	9.43	830777	10.11	685340	13.59
07 OLFB-1120-MW14R-07	WV5658-12	513581	9.42	870719	10.12	759418	13.59
08 OLFB-1120-MW14R-07D	WV5658-13	587134	9.42	1019545	10.12	855444	13.59
09 OLFB-1120-MW28-07	WV5658-7	677194	9.42	1180618	10.12	969660	13.59
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID (Standard): S7184 Date Analyzed: 11/05/05

Instrument ID: GCMS-S Time Analyzed: 0838

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		419381	16.74				
UPPER LIMIT		838762	17.24				
LOWER LIMIT		209691	16.24				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22458-LCS	WG22458-1	414978	16.74				
02 WG22458-BLANK	WG22458-2	359170	16.74				
03 OLFB-1120-TB1025	WV5658-10	351061	16.74				
04 OLFB-1120-MW13-07	WV5658-8	330467	16.75				
05 OLFB-1120-MW29-07	WV5658-9	312487	16.75				
06 OLFB-1120-MW02-07	WV5658-11	323919	16.75				
07 OLFB-1120-MW14R-07	WV5658-12	364390	16.74				
08 OLFB-1120-MW14R-07D	WV5658-13	385148	16.74				
09 OLFB-1120-MW28-07	WV5658-7	437146	16.74				
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 19:45
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-7
Client ID: OLFB-1120-MW28-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		41%				
81103-79-9	Fluorene-d10		82%				
1718-52-1	Pyrene-d10		56%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 20:30
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-8
Client ID: OLFB-1120-MW13-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		39%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		58%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 11/01/05
Analysis Date: 21-NOV-2005 21:15
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5658-9
Client ID: OLFB-1120-MW29-07
SDG: CTO380-1
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22284
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		35%				
81103-79-9	Fluorene-d10		71%				
1718-52-1	Pyrene-d10		51%				

REISSUE

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG22093-BLANK	WG22093-1	34	80	51						0
02	WG22093-LCS	WG22093-2	36	102	41						0
03	WG22093-LCSD	WG22093-3	41	102	43						0
04	WG22284-BLANK	WG22284-1	45	84	57						0
05	WG22284-LCS	WG22284-2	42	93	49						0
06	WG22284-LCSD	WG22284-3	42	93	46						0
07	OLFB-1140-MW03-14D	WV5658-4	48	96	52						0
08	OLFB-1140-MW08-13	WV5658-5	38	78	46						0
09	OLFB-1140-MW09-13	WV5658-6	45	88	48						0
10	OLFB-1120-MW28-07	WV5658-7	41	82	56						0
11	OLFB-1120-MW13-07	WV5658-8	39	84	58						0
12	OLFB-1120-MW29-07	WV5658-9	35	71	51						0
13	OLFB-1120-MW02-07	WV5658-11	32	70	51						0
14	OLFB-1120-MW14R-07	WV5658-12	41	85	51						0
15	OLFB-1120-MW14R-07D	WV5658-13	36	88	45						0
16	OLFB-1120-MW25-07	WV5701-1	33	70	46						0
17	OLFB-1120-MW16R-07	WV5701-4	39	83	50						0
18	OLFB-1120-MW30-07	WV5701-5	35	66	51						0
19	OLFB-1140-MW02-13	WV5658-1	42	81	54						0
20	OLFB-1140-MW13-13	WV5658-2	28*	70	41						1
21	OLFB-1140-MW03-14	WV5658-3	42	74	41						0
22	OLFB-1120-MW5R-07	WV5701-2	28*	49	32						1
23	OLFB-1120-MW14R-07	WV5658-12DL	D	D	D						0
24	OLFB-1120-MW14R-07D	WV5658-13DL	D	D	D						0
25	OLFB-1120-MW25-07	WV5701-1DL	D	D	D						0
26	OLFB-1120-MW5R-07	WV5701-2DL	D	D	D						0
27	OLFB-1120-MW16R-07	WV5701-4DL	38	74	52						0
28	OLFB-1120-MW24-07	WV5701-6DL	32	68	54						0

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22284-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID: U2717 Lab Sample ID: WG22284-1

Instrument ID: GCMS-U Date Extracted: 11/01/05

Matrix: (soil/water) WATER Date Analyzed: 11/21/05

Level:(low/med) LOW Time Analyzed: 1132

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22284-LCS	WG22284-2	U2718	11/21/05	1217
02	WG22284-LCSD	WG22284-3	U2719	11/21/05	1303
03	OLFB-1140-MW03-14D	WV5658-4	U2725	11/21/05	1730
04	OLFB-1140-MW08-13	WV5658-5	U2726	11/21/05	1815
05	OLFB-1140-MW09-13	WV5658-6	U2727	11/21/05	1900
06	OLFB-1120-MW28-07	WV5658-7	U2728	11/21/05	1945
07	OLFB-1120-MW13-07	WV5658-8	U2729	11/21/05	2030
08	OLFB-1120-MW29-07	WV5658-9	U2730	11/21/05	2115
09	OLFB-1120-MW02-07	WV5658-11	U2731	11/21/05	2200
10	OLFB-1120-MW14R-07	WV5658-12	U2736	11/22/05	1147
11	OLFB-1120-MW14R-07D	WV5658-13	U2737	11/22/05	1231
12	OLFB-1120-MW25-07	WV5701-1	U2740	11/22/05	1448
13	OLFB-1120-MW16R-07	WV5701-4	U2742	11/22/05	1619
14	OLFB-1120-MW30-07	WV5701-5	U2743	11/22/05	1704
15	OLFB-1120-MW5R-07	WV5701-2	U2754	11/23/05	1350
16	OLFB-1120-MW14R-07	WV5658-12DL	U2759	11/23/05	1736
17	OLFB-1120-MW14R-07D	WV5658-13DL	U2760	11/23/05	1822
18	OLFB-1120-MW25-07	WV5701-1DL	U2761	11/23/05	1907
19	OLFB-1120-MW5R-07	WV5701-2DL	U2762	11/23/05	1952
20	OLFB-1120-MW16R-07	WV5701-4DL	U2763	11/23/05	2038
21	OLFB-1120-MW24-07	WV5701-6DL	U2764	11/23/05	2122
22	OLFB-1120-MW24-07	WV5701-6	U2765	11/23/05	2207
23	OLFB-1140-MW03-14D	WV5658-4DL	U2817	11/28/05	1912
24	OLFB-1140-MW09-13	WV5658-6DL	U2818	11/28/05	1956
25	OLFB-1120-MW02-07	WV5658-11DL	U2819	11/28/05	2041
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

REISSUE

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID: UD122 DFTPP Injection Date: 11/21/05

Instrument ID: GCMS-U DFTPP Injection Time: 1026

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	38.8
68	Less than 2.0% of mass 69	0.6 (1.5)1
69	Less than 100.0% of mass 198	40.9
70	Less than 2.0% of mass 69	0.3 (0.7)1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.3
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	13.1 (80.3)2
442	40.0 - 100.0% of mass 198	83.4
443	17.0 - 23.0% of mass 442	16.3 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1121	U2716	11/21/05	1046
02	WG22284-BLANK	WG22284-1	U2717	11/21/05	1132
03	WG22284-LCS	WG22284-2	U2718	11/21/05	1217
04	WG22284-LCSD	WG22284-3	U2719	11/21/05	1303
05	OLFB-1140-MW03-14D	WV5658-4	U2725	11/21/05	1730
06	OLFB-1140-MW08-13	WV5658-5	U2726	11/21/05	1815
07	OLFB-1140-MW09-13	WV5658-6	U2727	11/21/05	1900
08	OLFB-1120-MW28-07	WV5658-7	U2728	11/21/05	1945
09	OLFB-1120-MW13-07	WV5658-8	U2729	11/21/05	2030
10	OLFB-1120-MW29-07	WV5658-9	U2730	11/21/05	2115
11	OLFB-1120-MW02-07	WV5658-11	U2731	11/21/05	2200
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID (Standard): U2716 Date Analyzed: 11/21/05

Instrument ID: GCMS-U Time Analyzed: 1046

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	17727	9.27	82212	12.11	36441	16.27
UPPER LIMIT	35454	9.77	164424	12.61	72882	16.77
LOWER LIMIT	8864	8.77	41106	11.61	18221	15.77

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22284-BLANK	WG22284-1	19073	9.28	82528	12.12	38287	16.27
02	WG22284-LCS	WG22284-2	18595	9.27	82643	12.11	35375	16.25
03	WG22284-LCSD	WG22284-3	19238	9.26	85761	12.11	36817	16.25
04	OLFB-1140-MW03-14D	WV5658-4	17218	9.27	93924	12.10	46576	16.25
05	OLFB-1140-MW08-13	WV5658-5	18975	9.28	81576	12.11	40591	16.25
06	OLFB-1140-MW09-13	WV5658-6	13864	9.27	71069	12.10	35583	16.25
07	OLFB-1120-MW28-07	WV5658-7	18177	9.28	79106	12.14	33591	16.27
08	OLFB-1120-MW13-07	WV5658-8	18123	9.28	79215	12.14	33720	16.28
09	OLFB-1120-MW29-07	WV5658-9	19038	9.28	82952	12.15	34845	16.28
10	OLFB-1120-MW02-07	WV5658-11	19505	9.27	83834	12.11	38197	16.25
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID (Standard): U2716 Date Analyzed: 11/21/05

Instrument ID: GCMS-U Time Analyzed: 1046

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		45125	19.84	20966	26.19	10884	29.38
UPPER LIMIT		90250	20.34	41932	26.69	21768	29.88
LOWER LIMIT		22563	19.34	10483	25.69	5442	28.88
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22284-BLANK	WG22284-1	46245	19.85	17364	26.21	8146	29.40
02 WG22284-LCS	WG22284-2	45506	19.84	20511	26.18	9778	29.38
03 WG22284-LCSD	WG22284-3	49286	19.84	23899	26.18	11969	29.38
04 OLFB-1140-MW03-14D	WV5658-4	66504	19.82	27304	26.19	11339	29.39
05 OLFB-1140-MW08-13	WV5658-5	56329	19.82	24430	26.19	10060	29.39
06 OLFB-1140-MW09-13	WV5658-6	48533	19.82	22903	26.19	10203	29.39
07 OLFB-1120-MW28-07	WV5658-7	42168	19.87	16056	26.22	7905	29.41
08 OLFB-1120-MW13-07	WV5658-8	44369	19.87	18421	26.22	7881	29.41
09 OLFB-1120-MW29-07	WV5658-9	45103	19.87	16447	26.22	7516	29.41
10 OLFB-1120-MW02-07	WV5658-11	54022	19.84	23993	26.20	10152	29.40
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 15:44
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WV5658-7
Client ID: OLFB-1120-MW28-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		100%				
	O-Terphenyl		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 16:55
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WV5658-8
Client ID: OLFB-1120-MW13-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		130%				
	O-Terphenyl		128%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO380 PENSACOLA
PO No:
Sample Date: 10/25/05
Received Date: 10/26/05
Extraction Date: 10/31/05
Analysis Date: 21-NOV-2005 18:05
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WV5658-9
Client ID: OLFB-1120-MW29-07
SDG: CTO380-1
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22232
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		98%				
	O-Terphenyl		98%				

FORM 2
WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG22232-BLANK	WG22232-1	100	92							0
02	WG22232-LCS	WG22232-2	97	96							0
03	WG22232-LCSD	WG22232-3	205J	182J							2
04	WG22341-BLANK	WG22341-1	117	115							0
05	WG22341-LCS	WG22341-2	100	98							0
06	WG22341-LCSD	WG22341-3	99	98							0
07	OLFB-1120-MW28-07	WV5658-7	100	96							0
08	OLFB-1120-MW13-07	WV5658-8	130	128							0
09	OLFB-1120-MW29-07	WV5658-9	98	98							0
10	OLFB-1120-MW02-07	WV5658-11	115	112							0
11	OLFB-1120-MW14R-07	WV5658-12	97	93							0
12	OLFB-1120-MW14R-07D	WV5658-13	92	90							0
13	OLFB-1120-MW25-07	WV5701-1	76	76J							1
14	OLFB-1120-MW5R-07	WV5701-2	98	96							0
15	OLFB-1120-MW16R-07	WV5701-4	100	97							0
16	OLFB-1120-MW30-07	WV5701-5	101	98							0
17	OLFB-1120-MW24-07	WV5701-6	100	96							0
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22232-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

Lab File ID: CVK4008 Lab Sample ID: WG22232-1

Instrument ID: GC12 Date Extracted: 10/31/05

Matrix: (soil/water) WATER Date Analyzed: 11/19/05

Level:(low/med) LOW Time Analyzed: 2135

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22232-LCS	WG22232-2	CVK4009	11/19/05	2245
02	WG22232-LCSD	WG22232-3	CVK4010	11/19/05	2355
03	OLFB-1120-MW28-07	WV5658-7	CVK4035	11/21/05	1544
04	OLFB-1120-MW13-07	WV5658-8	CVK4036	11/21/05	1655
05	OLFB-1120-MW29-07	WV5658-9	CVK4037	11/21/05	1805
06	OLFB-1120-MW02-07	WV5658-11	CVK4038	11/21/05	1915
07	OLFB-1120-MW14R-07	WV5658-12	CVK4039	11/21/05	2025
08	OLFB-1120-MW14R-07D	WV5658-13	CVK4040	11/21/05	2135
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO380 PENSACOLA SDG No.: CTO380-1

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 5 UG/M	11/19/05	1436	17.92	23.95
02		FLPRO 20 UG/	11/19/05	1546	17.92	23.95
03		FLPRO 50 UG/	11/19/05	1656	17.92	23.95
04		FLPRO 100UG/	11/19/05	1806	17.92	23.95
05		FLPRO 200UG/	11/19/05	1916	17.92	23.95
06		FLPRO IND	11/19/05	2025	17.92	23.95
07	WG22232-BLAN	WG22232-1	11/19/05	2135	17.92	23.95
08	WG22232-LCS	WG22232-2	11/19/05	2245	17.92	23.95
09	WG22232-LCSD	WG22232-3	11/19/05	2355	17.92	23.96
10		FLPRO 50 UG/	11/20/05	1133	17.92	23.95
11		FLPRO 50UG/M	11/21/05	1102	17.91	23.94
12	WG22341-BLAN	WG22341-1	11/21/05	1214	17.91	23.94
13	WG22341-LCS	WG22341-2	11/21/05	1324	17.91	23.94
14	WG22341-LCSD	WG22341-3	11/21/05	1434	17.91	23.94
15	OLFB-1120-MW	WV5658-7	11/21/05	1544	17.91	23.94
16	OLFB-1120-MW	WV5658-8	11/21/05	1655	17.91	23.94
17	OLFB-1120-MW	WV5658-9	11/21/05	1805	17.91	23.94
18	OLFB-1120-MW	WV5658-11	11/21/05	1915	17.91	23.94
19	OLFB-1120-MW	WV5658-12	11/21/05	2025	17.91	23.94
20	OLFB-1120-MW	WV5658-13	11/21/05	2135	17.91	23.94

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-7
Report Date: 03-JAN-06
Client PO: MSA-0402-N4113-05 10050
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW28-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	7.4 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:02:24	N/A	N/A	KGT	
Total Organic Carbon	I0.97 mg/L	1	EPA 415.1	WG22865	15-NOV-05 19:12:57	N/A	N/A	SJC	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-8
Report Date: 03-JAN-06
Client PO: MSA-0402-N4113-05 10050
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW13-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	6.3 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:16:48	N/A	N/A	KGT	
Total Organic Carbon	I0.50 mg/L	1	EPA 415.1	WG22865	15-NOV-05 19:22:42	N/A	N/A	SJC	

340 County Road No. 5
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http://katahdinlab.com
sales@katahdinlab.com

REISSUE

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5658-9
Report Date: 03-JAN-06
Client PO: MSA-0402-N4113-05 10050
Project: CT0380 PENSACOLA
SDG: CTO380-1

Sample Description	Matrix	Date Sampled	Date Received
OLFB-1120-MW29-07	AQ	25-OCT-05	26-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Sulfate-Turbidimetric	8.8 mg/L	1	EPA 375.4	WG23118	21-NOV-05 11:31:12	N/A	N/A	KGT	
Total Organic Carbon	10.73 mg/L	1	EPA 415.1	WG22865	15-NOV-05 19:32:30	N/A	N/A	SJC	