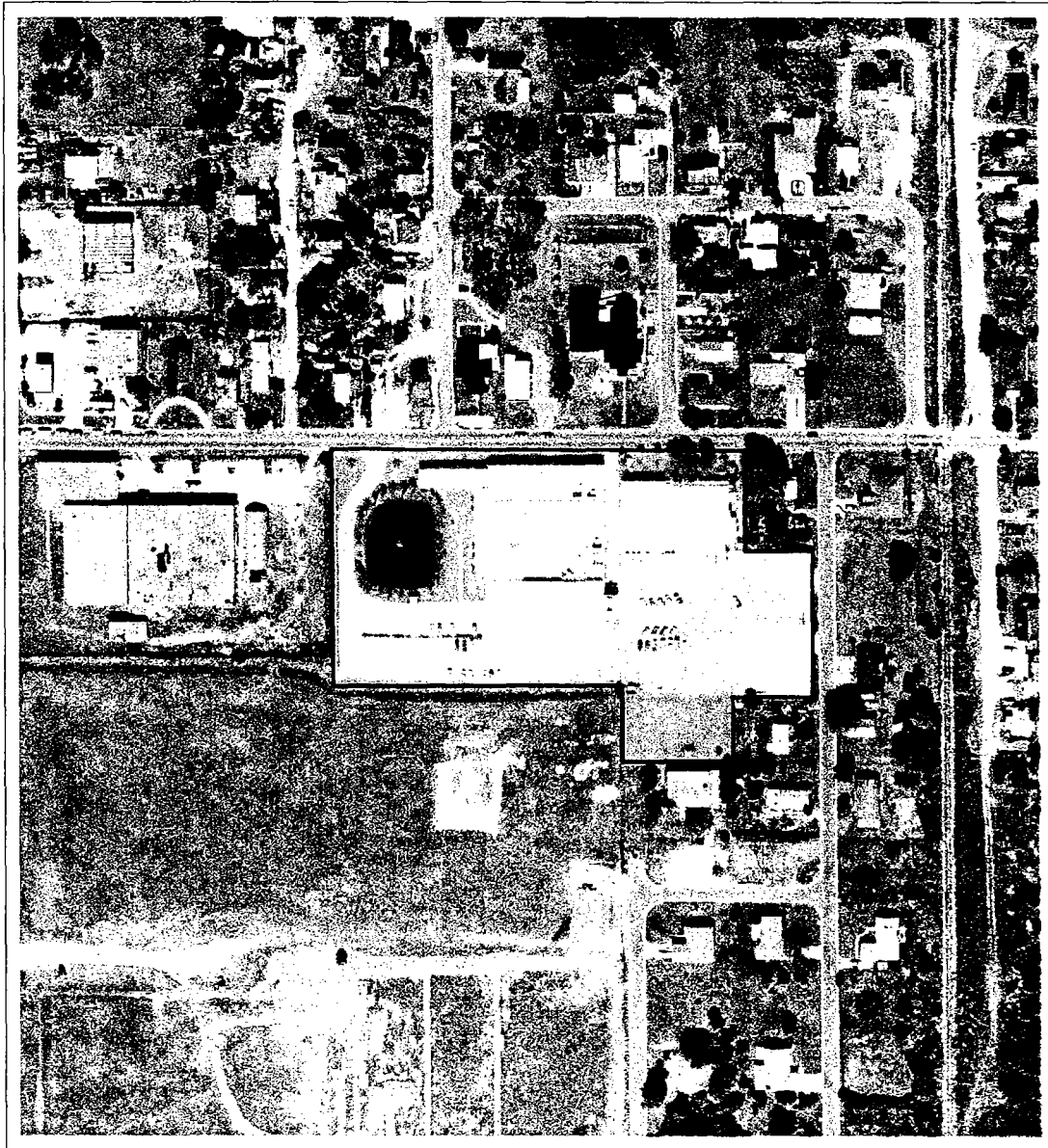


**4<sup>th</sup> QUARTER 2003  
GROUNDWATER SAMPLING REPORT**

**Former American Beryllium Company  
1600 Tallevast Road  
Tallevast, Florida**



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# Quarterly Groundwater Sampling Report October – December 2003 Former American Beryllium Company

March 16, 2004

Prepared for:

Lockheed Martin Corporation  
Burbank, California

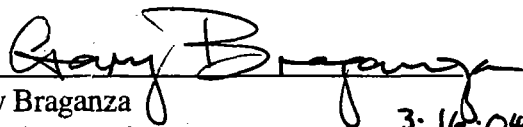
Prepared by:

Tetra Tech, Inc.  
Pasadena, California



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Phil Skorge  
Project Manager



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Gary Braganza  
Technical Reviewer  
Florida Professional Geologist

3-16-04

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## 1.0 INTRODUCTION

On behalf of Lockheed Martin Corporation (LMC), Tetra Tech, Inc. has prepared the following quarterly monitoring well sampling report for LMC's former American Beryllium Company (ABC) facility in Tallevast, Florida. This report summarizes data collected during the December 2003 sampling events (4<sup>th</sup> quarter 2003). The quarterly sampling program was initiated to monitor chlorinated volatile organic compound (VOC) concentrations previously identified in shallow groundwater. In addition to VOC analysis, unfiltered samples were collected from all wells for analysis of beryllium using EPA Method 6010B.

## 2.0 SITE DESCRIPTION

The former ABC facility is composed of 5.167 acres of land and is located at 1600 Tallevast Road in Tallevast, Manatee County, Florida. The property is bounded by Tallevast Road to the north, undeveloped and residential areas to the south, 17<sup>th</sup> Street Court East to the east, and an abandoned industrial facility (the former Spindrift facility) to the west – see *Figure 1 in Appendix B for a location map*.

The property is zoned "Heavy Manufacturing" (HM) by the County of Manatee (Tetra Tech, February 1997). The facility was formerly used as an ultra-precision machine parts manufacturing plant, where metals were milled, lathed, and drilled into various components. Some of the components were finished by electroplating, anodizing, and ultrasonic cleaning. Chemicals used and wastes generated at the facility included oils, petroleum-based fuels, solvents, acids, and metals. Operations were discontinued on September 27, 1996.

The property contains five primary buildings that cover a total surface area of approximately 66,335 ft<sup>2</sup> (1.523 acres). During LMC's occupancy, Building #1, the main building structure, was comprised of office space and machining areas. Buildings #2 and #3 contained machining areas and inspection rooms. Building #4 housed a wood working shop and non-hazardous material

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storage area. Building #5 contained plating and anodizing rooms, a wastewater treatment system and hazardous materials storage areas. Further historical information is provided in the Phase I Environmental Assessment (EA) Report, dated February 7, 1997.

### **3.0 SUBSURFACE CONDITIONS**

#### **3.1 Site Geology**

The former ABC facility is located on a gently sloping plain at an elevation of about 30 feet above mean sea level (amsl). The site is inland from Sarasota Bay and approximately 1<sup>3</sup>/<sub>4</sub> miles from the Gulf of Mexico. The ground surface around the site has very low relief and slopes gently towards the south to southwest.

The uppermost 40 feet are comprised of undifferentiated surficial deposits consisting of variably clayey quartz sand and slightly phosphatic, iron-stained sand. From the surface to a depth of 20 feet bgs, these sands are fine to medium grained and unconsolidated. From 20 to 30 feet bgs, the sands are poorly consolidated with clay cement. Very dense, cemented sands occur from approximately 30 to 40 feet bgs (SFWMD, 1995).

The surficial deposits unconformably overlie approximately 45 feet of relatively pure clay (known as the "Venice Clay"). The clay sequence represents the upper confining beds of the intermediate aquifer system. The contact between the Venice Clay and the underlying Early Miocene undifferentiated Arcadia Formation occurs at approximately 85 feet bgs at the site. Based on lithologic data collected from on-site monitoring well DW-1, fractured limestone was observed in samples collected from 85 to 95 feet bgs. Clay was observed from 95 to 105 feet bgs, the maximum drilled depth at the site. Regionally, the Arcadia Formation extends to a depth greater than 300 feet bgs (SFWMD, 1995).

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### 3.2 Site Hydrogeology

Exploratory drilling and sampling at the site have identified the surficial aquifer system (SAS) and the intermediate aquifer system (IAS). The IAS includes the uppermost confining clay beds and upper semi-confining carbonates (Tetra Tech, 2003).

Prior to initiating the quarterly groundwater monitoring program, groundwater elevations measured from SAS monitoring wells reported depth-to-water values ranging from approximately 2 to 4 feet bgs across the project area. The corresponding relative groundwater elevations ranged from approximately 27 to 32 feet amsl. The results of previous monitoring show that groundwater flows generally from southwest to northeast. However, the overall groundwater flow regime appeared radial, as shown by northerly groundwater flow at the northern portion of the project area, and southeasterly flow at the southeastern portion of the project area. In addition, the gradient appears to be slightly greater at the southeast portion of the former ABC property. Groundwater gradient throughout most of the project area was relatively flat, at approximately 0.001, but at the southeastern portion of the property, the gradient is slightly greater, at 0.004 (Tetra Tech, May 2003). One explanation for the flow patterns may be that groundwater mounding is occurring at the nearby golf course, which is probably being irrigated on a frequent basis. Groundwater patterns may also be impacted by the on-site pond, as well as an adjacent pond on the golf course property.

The IAS includes all water-yielding units and confining units between the overlying SAS and the underlying Floridan Aquifer System. Groundwater was encountered in the IAS at approximately 85 feet. The water table was later measured at approximately 12 feet bgs, confirming that the IAS occurs under confined conditions. The IAS is composed of upper confining and semi-confining beds that occurs between approximately 40 and 85 feet bgs. These confining beds generally consist of a continuous sequence of dense, non-plastic clays, with intermittent sandy clay zones (Tetra Tech, May 2003).

## 4.0 SITE HISTORY

This section provides a brief chronological history of investigation and remedial action activities that have been implemented at the site:

- January 2000: Initial Leak Discovery – Groundwater impacts were initially discovered during a preliminary groundwater sampling program conducted in January 2000 around the former sumps in Building #5. On behalf of LMC, Tetra Tech prepared a contamination discovery report (CDR), dated July 7, 2000, documenting the preliminary assessment activities conducted at the former ABC facility. In response to the CDR, the FDEP submitted a letter dated August 24, 2000 requiring an assessment to delineate the chemicals detected at the site.
- February 2001: Initial Subsurface Assessment – In February 2001, a subsurface assessment program was conducted to evaluate the extent of chemicals previously detected in the soil and groundwater (i.e., VOCs, beryllium and chromium). Beryllium and chromium appeared to be limited primarily to the immediate vicinity of the former sumps. However, VOCs were detected above GCTLs in groundwater samples collected near the southeastern, northern, and northeastern property boundaries. Based on the analytical data, VOCs appeared to be migrating off-site of the former ABC facility. The findings from the initial assessment are presented in Tetra Tech's Contamination Assessment Report, dated April 30, 2001.
- September 2001: Source Remediation – As a source removal measure, a remedial excavation was completed to remove soil impacted with TPH, VOCs, and metals in this area. Further details of the soil removal program are presented in Tetra Tech's Initial Remedial Action Report, dated December 12, 2001.
- December 2001: Supplemental Groundwater Assessment – In December 2001, additional temporary monitoring wells were installed and sampled at on-site and off-site to assess the extent of VOCs in groundwater. A total of 23 temporary wells were used to evaluate the vertical distribution of VOCs. All groundwater samples from the wells were analyzed for VOCs and selected samples were also analyzed for beryllium and chromium. VOCs were

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detected in each of the 23 groundwater samples that were collected both on-site and off-site, prompting the requirement for further investigation of VOCs. TPH and beryllium were not detected in any of the groundwater samples analyzed. Based on the data, no further investigation of TPH or metals was warranted.

- January 2002: Installation of Deep Monitoring Well – In accordance with FDEP's letter dated August 27, 2001, a permanent monitoring well was installed to evaluate the presence of VOCs in the deeper IAS. In January 2002, a dual-cased well (DW-1) was installed to a depth of 92 feet bgs southeast of the Building #5 sump area, a location specified by FDEP.
- December 2002 through March 2003: Delineation Investigation – Additional on-site and off-site groundwater delineation investigation was conducted from December 2002 through March 2003. The delineation investigation was conducted in accordance with Tetra Tech's Contamination Assessment Plan Addendum #2 (CAPA), dated September 13, 2002, and FDEP's guidelines outlined in Corrective Actions for Contamination Site Cases. Approval letters were obtained from FDEP prior to conducting the field work. The primary intent of the program was to complete the delineation of VOCs in groundwater at the site. Data collected from the grab groundwater samples and the monitoring well samples showed that the lateral extent of VOCs has been delineated both on- and off-site.

In its July 25, 2003 letter, the FDEP concurred that the investigation was considered completed, and requested submittal of a RAP for the site. A preliminary screening of remedial alternatives was recently conducted, with a remedial screening report being submitted in early March 2004. This report lists various tasks to be completed for the RAP development, which include quarterly groundwater monitoring to evaluate seasonal groundwater flow patterns and VOC concentration trends. The most recent quarterly monitoring report was submitted in December 2003, which documented the quarterly groundwater sampling event conducted in September and October 2003.



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## 5.0 PRIMARY CHEMICALS OF CONCERN

Based on data collected during the contamination assessment, a total of five VOCs were detected in groundwater above their GCTLs throughout the investigation area. The VOCs include 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride. For the most part, these five VOCs were detected above GCTLs in both grab groundwater samples and monitoring well samples.

During the initial assessment programs, the metals chromium and beryllium were detected above GCTLs in a very localized area around the former Building 5 sumps; however, step-out samples from the initial assessments did not identify either beryllium or chromium above GCTLs, and therefore further evaluation of these metals was not warranted. Evaluation of metals in groundwater is presented in Tetra Tech's Interim Data Report and Contamination Assessment Plan Addendum #2, Former American Beryllium Company, dated September 13, 2002.

## 6.0 MONITORING OBJECTIVES

The primary objectives of the quarterly groundwater monitoring program at the site is to evaluate the groundwater contaminant plume to determine changes in VOC concentration levels and to evaluate seasonal fluctuations in the groundwater flow regime given the presence of multiple possible recharge areas around the project area. Data from the quarterly groundwater evaluation will also help determine remedial options for the site.

A second objective of this sampling event was to determine the presence or absence of beryllium in all monitoring wells. Therefore, as part of this sampling event, unfiltered groundwater samples were collected from all monitoring wells for beryllium analysis using EPA Method 6010B.

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## 7.0 GROUNDWATER MONITORING PROCEDURES

Tetra Tech personnel conducted monthly groundwater level measurements to evaluate flow patterns, and a round of groundwater sampling was conducted during the month of December 2003. Monitoring and sampling activities were conducted in accordance with FDEP's Standard Operating Procedures for Field Activities (DEP-SOP-001/01).

Water level measurements were recorded from all monitoring wells. No free product or chemical odors were detected in any of the wells. Depth to groundwater, measured from the top-of-casing (TOC), ranged from 1.51 to 4.22 feet bgs in the monitoring wells. The TOC elevations for the monitoring wells at the site were surveyed by Burnett Surveying, Inc. in October 2003. Monthly water level measurements are presented in Table 1 – *see Appendix A*. Groundwater elevation contours for the November and December 2003 monitoring are presented in Figures 2A and 2B respectively – *see Appendix B*.

Groundwater samples were collected from a total of 26 monitoring wells at the site. The samples were placed on ice and shipped to U.S. Biosystems, a State-Certified laboratory in Boca Raton, Florida. The samples were analyzed for VOCs using EPA Method 8260, and total metals using EPA Method 6010B. The laboratory analytical results for detected VOCs are summarized in Table 2 – *see Appendix A*. Groundwater sampling logs are provided in Appendix C. Copies of the laboratory reports and chain-of-custody documentation are provided in Appendix D.

## 8.0 GROUNDWATER ANALYTICAL RESULTS

The analytical results for the groundwater samples collected at the site were compared to the appropriate FDEP Groundwater Cleanup Threshold Levels (GCTLs). Detected VOC concentrations from the wells are summarized in Table 2 – *see Appendix A*. VOC plume maps for the quarterly sampling event are depicted on Figures 3 and 4 – *see Appendix B*. Beryllium data from this sampling event are summarized in Table 3 (Appendix A) and Figure 5 (Appendix B).

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### VOC Results

As shown in Table 2, six of the 26 samples collected had VOCs above detection limits. The detected VOCs include chloromethane, methylene chloride, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE and TCE. Four VOCs were detected above GCTLs, including PCE, TCE, 1,1-DCA and 1,1-DCE. The VOCs exceeding GCTLs were detected in three central monitoring wells (TT-MW10, TT-MW11, and TT-MW12). These detections were all present in the 20-foot depth interval. No VOCs were detected in the shallower 10-foot depth wells. There were no exceedances in any of the up-gradient wells this quarter. Figure 3 presents an iso-concentration contour map of TCE. Figure 4 presents the estimated extent of PCE, 1,1-DCE and 1,1-DCA that exceed their respective GCTLs, at the 20-foot depth interval.

Low concentrations of VOCs were detected in off-site wells TT-MW-4, TT-MW-5 and TT-MW-18D in the 20-foot samples. However, detected VOC concentrations in these wells were below the respective GCTLs. In addition, VOC's were not detected in the sample collected from vertical delineation well DW-1, screened between 82 and 92 feet bgs.

### Beryllium Results

All 26 monitoring wells, including the deep well DW-1, were sampled for unfiltered beryllium analysis using EPA Method 6010B. As shown in Table 3, no samples reported beryllium above the detection limit of 0.004 mg/L. A summary of the beryllium data from all monitoring wells is depicted in Figure 5.

## **9.0 DATA EVALUATION AND SCHEDULED ACTIVITIES**

### Evaluation of Groundwater Flow Data

The water level data collected during the quarterly groundwater sampling event indicate that groundwater flows generally from southwest to northeast. However, the overall groundwater flow regime appears radial, as shown by northerly groundwater flow at the northern portion of the project area, and southeasterly flow at the southeastern portion of the project area that groundwater flow at the site area is generally to the east. This flow direction is consistent with previously reported groundwater flow data. A comparison of the groundwater flow data collected during this quarterly event and 3<sup>rd</sup> Quarter 2003 is presented in Table 1 – see *Appendix A*.

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### Evaluation of VOC Groundwater Data

Based on the data collected during this quarterly sampling event, the highest concentrations of VOCs are located in the east-central portion of the former ABC property. VOCs exceeding GCTLs were reported in wells MW-10, MW-11, and MW-12, which is consistent with previously collected data. A rebound in VOC concentrations occurred in wells MW-10 and MW-12. This rebound may be explained by a pilot study conducted in March 2003, in which a large quantity of groundwater was removed, thus causing an initial reduction in VOCs. This data will be further evaluated in future quarterly sampling events.

VOC's were detected in very few perimeter wells and all were below GCTLs. Well MW-7, located at the southern boundary adjacent to the golf course, showed a reduction in VOC concentrations. During this round, no VOCs were reported in MW-7, whereas in 3<sup>rd</sup> Quarter 2003 this well reported detectable VOC concentrations (TCE was at 9 µg/L). A comparison of the VOC data between this quarterly event and 3<sup>rd</sup> Quarter 2003 is presented in Table 2 – *see Appendix A*.

The areal extent of the VOC plume has essentially remained unchanged compared to the previous sampling event in September 2003. The total VOC plume area exceeding GCTLs is estimated at 5.2 acres, based on the TCE contours shown in Figure 3.

### Evaluation of Beryllium Groundwater Data

Based on the results from this quarterly sampling event, no beryllium was identified in any of the 26 unfiltered groundwater samples collected. The data confirms previous assessment data that beryllium has not been a constituent of concern in the project area.

### Schedule

VOC concentrations will continue to be monitored over successive events. The next quarterly sampling round is scheduled for March 2004.

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## 10.0 REFERENCES

1. Florida Department of Environmental Protection, Water Well Permitting and Construction Requirements, Chapter 62-532, F.A.C., December 9, 1996.
2. Florida Department of Environmental Protection, Development of Soil Cleanup Criteria, Chapter 62-777, F.A.C., May 26, 1999.
3. Florida Department of Environmental Protection, Drinking Water Standards, Monitoring and Reporting, Chapter 62-550, F.A.C., August 1, 2000.
4. Southwest Florida Water Management District, Final Report, ROMP TR7-2 ONECO Monitor Well Site, Manatee County, Florida, Drilling and Testing, January 1995.
5. Tetra Tech, Inc., Final Phase I Environmental Assessment, Former American Beryllium Company. February 7, 1997.
6. Tetra Tech, Inc., Final Preliminary Site Investigation Report, Former American Beryllium Company. October 20, 1997.
7. Tetra Tech, Inc., Contamination Discovery Report, Building #5, Former American Beryllium Company. July 7, 2000.
8. Tetra Tech, Inc., Initial Remedial Action Report, Former American Beryllium Company, December 12, 2001.
9. Tetra Tech, Inc., Interim Data Report and Contamination Assessment Plan Addendum #2, Former American Beryllium Company, September 13, 2002.
10. Tetra Tech, Inc., Final Contamination Assessment Report, Former American Beryllium Company, May 2003.
11. Tetra Tech, Inc., 3<sup>rd</sup> Quarter Groundwater Sampling Report, Former American Beryllium Company, December 19, 2003.
12. Tetra Tech, Inc., Preliminary Screening of Remedial Alternatives, Former American Beryllium Company, February 2004.

**APPENDIX A**

**TABLES**

**Table 1**  
**Field Measurements of Groundwater Elevations**

Wells	Well Casing Elevation (ft)	9/9/2003		10/15/2003		11/19/2003		12/17/2003	
		Depth to GW (ft)	GW Elevation (ft)	Depth to GW (ft)	GW Elevation (ft)	Depth to GW (ft)	GW Elevation (ft)	Depth to GW (ft)	GW Elevation (ft)
TT-MW-3	30.45	2.21	28.24	2.30	28.15	3.50	26.95	2.58	27.87
TT-MW-4	31.32	3.41	27.91	3.08	28.24	3.71	27.61	3.71	27.61
TT-MW-5	31.99	4.12	27.87	3.90	28.09	4.40	27.59	4.22	27.77
TT-MW-6	31.70	3.95	27.75	3.75	27.95	4.23	27.47	4.10	27.60
TT-MW-7D	31.13	3.15	27.98	3.05	28.08	3.00	28.13	2.73	28.40
TT-MW-7S	31.30	3.32	27.98	2.94	28.36	3.00	28.30	2.96	28.34
TT-MW-8D	30.79	2.65	28.14	2.64	28.15	3.04	27.75	2.36	28.43
TT-MW-8S	30.83	2.89	27.94	2.63	28.20	3.08	27.75	2.37	28.46
TT-MW-9D	30.08	2.70	27.38	2.54	27.54	3.02	27.06	2.68	27.40
TT-MW-9S	30.04	2.74	27.30	2.51	27.53	3.05	26.99	2.68	27.36
TT-MW-10	31.58	3.65	27.93	3.32	28.26	3.97	27.61	3.91	27.67
TT-MW-11	31.67	3.74	27.93	3.35	28.32	3.90	27.77	3.95	27.72
TT-MW-12	30.90	3.10	27.80	2.75	28.15	3.51	27.39	3.35	27.55
TT-MW-13D	30.62	3.32	27.30	3.01	27.61	3.50	27.12	2.93	27.69
TT-MW-13S	30.49	3.13	27.36	2.99	27.50	3.38	27.11	2.81	27.68
TT-MW-14D	29.53	2.33	27.20	2.25	27.28	2.28	27.25	2.18	27.35
TT-MW-14S	29.56	2.33	27.23	2.30	27.26	2.26	27.30	2.11	27.45
TT-MW-15D	30.02	2.87	27.15	2.72	27.30	3.18	26.84	2.72	27.30
TT-MW-15S	29.90	2.70	27.20	2.60	27.30	3.20	26.70	2.61	27.29
TT-MW-16D	27.05	1.85	25.20	2.02	25.03	2.01	25.04	1.51	25.54
TT-MW-16S	27.44	1.91	25.53	2.18	25.26	2.20	25.24	1.61	25.83
TT-MW-17D	30.04	NA	NA	2.77	27.27	3.15	26.89	2.69	27.35
TT-MW-17S	29.91	NA	NA	2.59	27.32	3.04	26.87	2.60	27.31
TT-MW-18D	27.87	NA	NA	2.34	25.53	2.28	25.59	1.89	25.98
TT-MW-18S	27.85	NA	NA	2.28	25.57	2.08	25.77	1.88	25.97









TABLE 2

**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS  
VOLATILE ORGANIC COMPOUNDS**

Sample ID	Date Collected	Chloromethane	Dichlorodifluoromethane	1, 1 -Dichloroethane	1,1-Dichloroethene	cis-1,2 - Dichloroethene	trans 1, 2 - Dichloroethene	Methylene Chloride	Tetrachloroethene	Vinyl Chloride	Dibromofluoromethane	Trichloroethene
GCTL <sup>(1)</sup>	N/A	N/A	1,400	70	7	70	100	N/A	3.0	1	N/A	3.0
TT-MW-18D	10/6/2003	<1	<1	2.4	1.2	5.8	18.8	<1	<1	<1	<1	<1
	12/16/2003	<1	<1	3.2	1.7	7.8	22.0	<1	<1	<1	<1	<1
TT-DW-1	9/9/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/17/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trip Blank	9/12/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/17/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Values reported in micrograms per liter.

<sup>(1)</sup> Groundwater Cleanup Target Level as defined by Chapter 62-777, F.A.C.

Shaded values are positive detections.

Values shown in bold are at concentrations exceeding GCTL.

Note: All other VOCs on the EPA 8260B list were non-detect (ND)

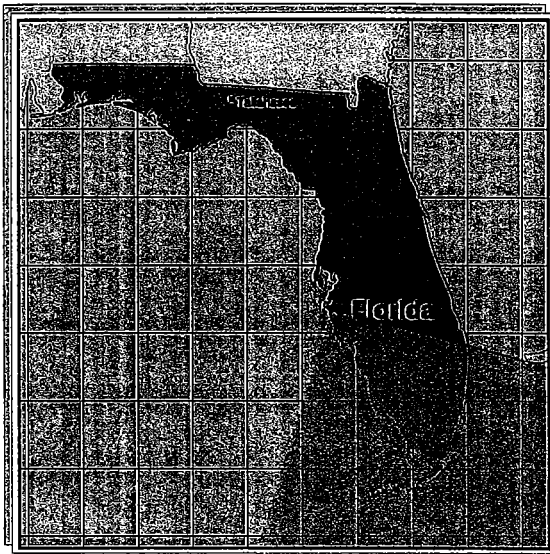
**TABLE 3  
SUMMARY OF BERYLLIUM DATA  
DECEMBER 2003**

<b>Well Number</b>	<b>Beryllium Concentration (mg/L)</b>	<b>Well Number</b>	<b>Beryllium Concentration (mg/L)</b>
TT-MW-3	<0.004	TT-MW-13D	<0.004
TT-MW-4	<0.004	TT-MW-13S	<0.004
TT-MW-5	<0.004	TT-MW-14D	<0.004
TT-MW-6	<0.004	TT-MW-14S	<0.004
TT-MW-7D	<0.004	TT-MW-15D	<0.004
TT-MW-7S	<0.004	TT-MW-15S	<0.004
TT-MW-8D	<0.004	TT-MW-16D	<0.004
TT-MW-8S	<0.004	TT-MW-16S	<0.004
TT-MW-9D	<0.004	TT-MW-17D	<0.004
TT-MW-9S	<0.004	TT-MW-17S	<0.004
TT-MW-10	<0.004	TT-MW-18D	<0.004
TT-MW-11	<0.004	TT-MW-18S	<0.004
TT-MW-12	<0.004	TTDW-1	<0.004

**APPENDIX B**

**FIGURES**

**FIGURE 1  
SITE LOCATION MAP**



**Former American Beryllium Company  
1600 Tallevast Rd., Tallevast, FL.**

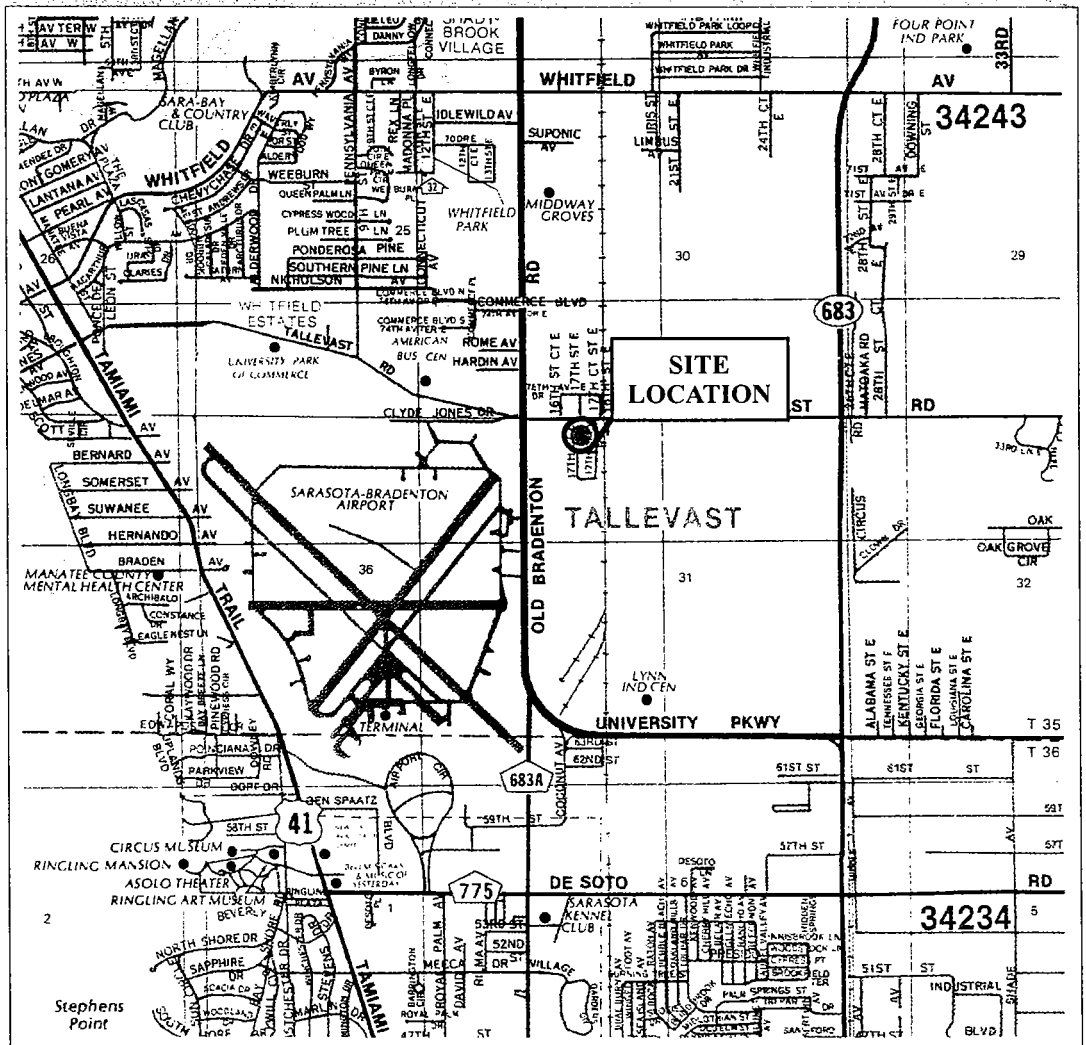


FIGURE 2A  
GROUNDWATER ELEVATION CONTOUR MAP (NOVEMBER 2003)

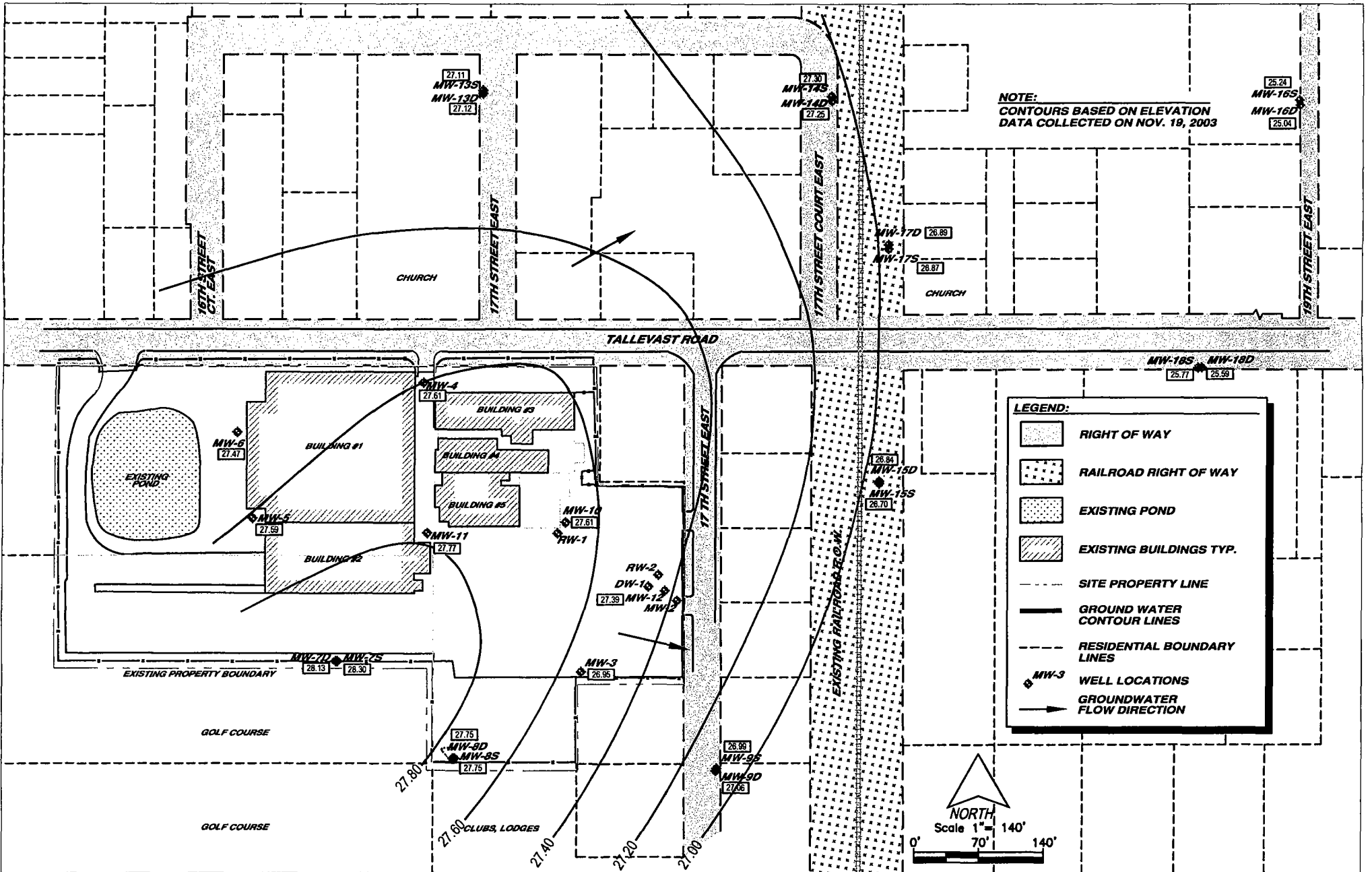


FIGURE 2B  
GROUNDWATER ELEVATION CONTOUR MAP (DECEMBER 2003)

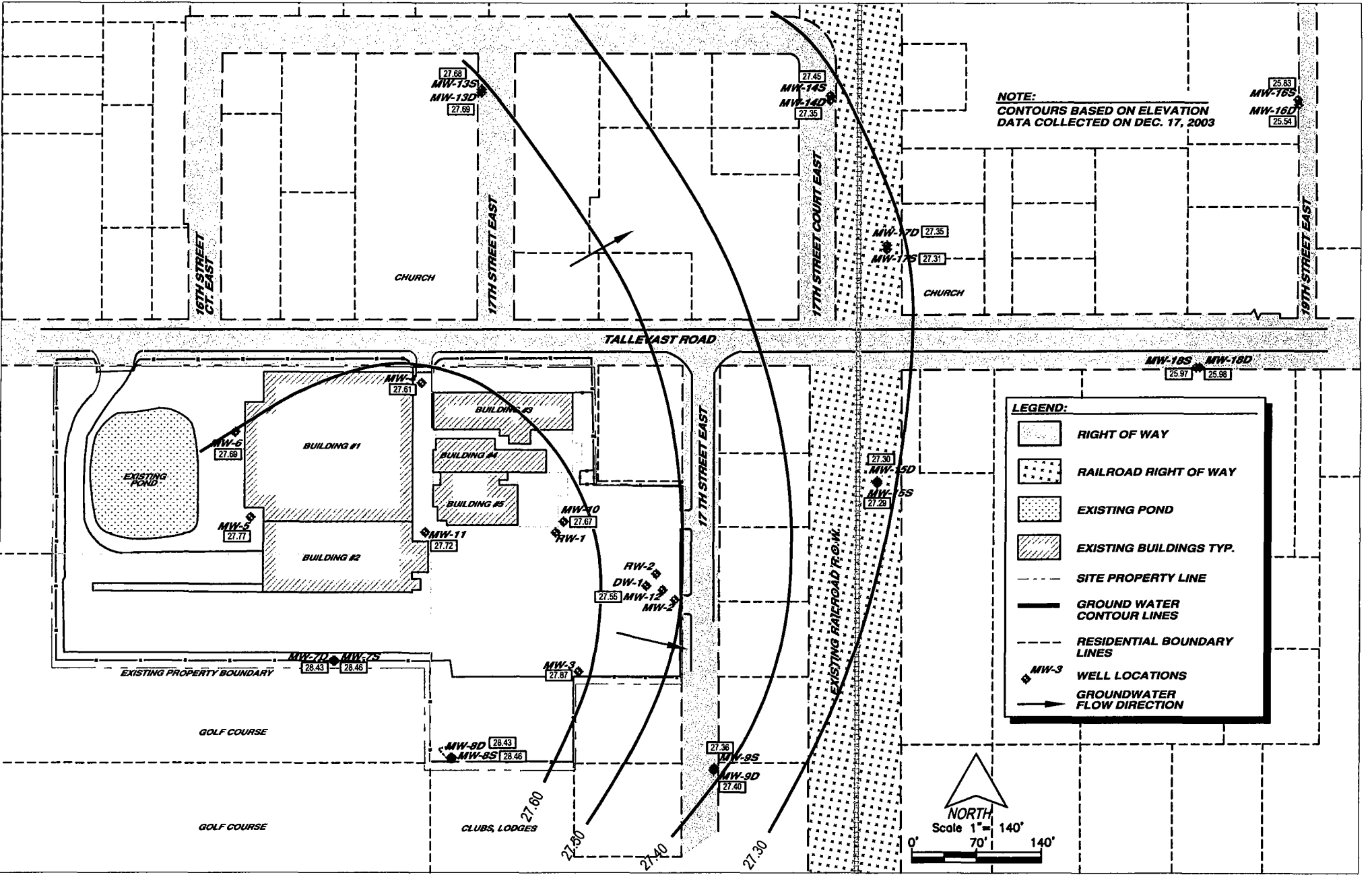




FIGURE 3  
TCE ISOCONCENTRATION MAP

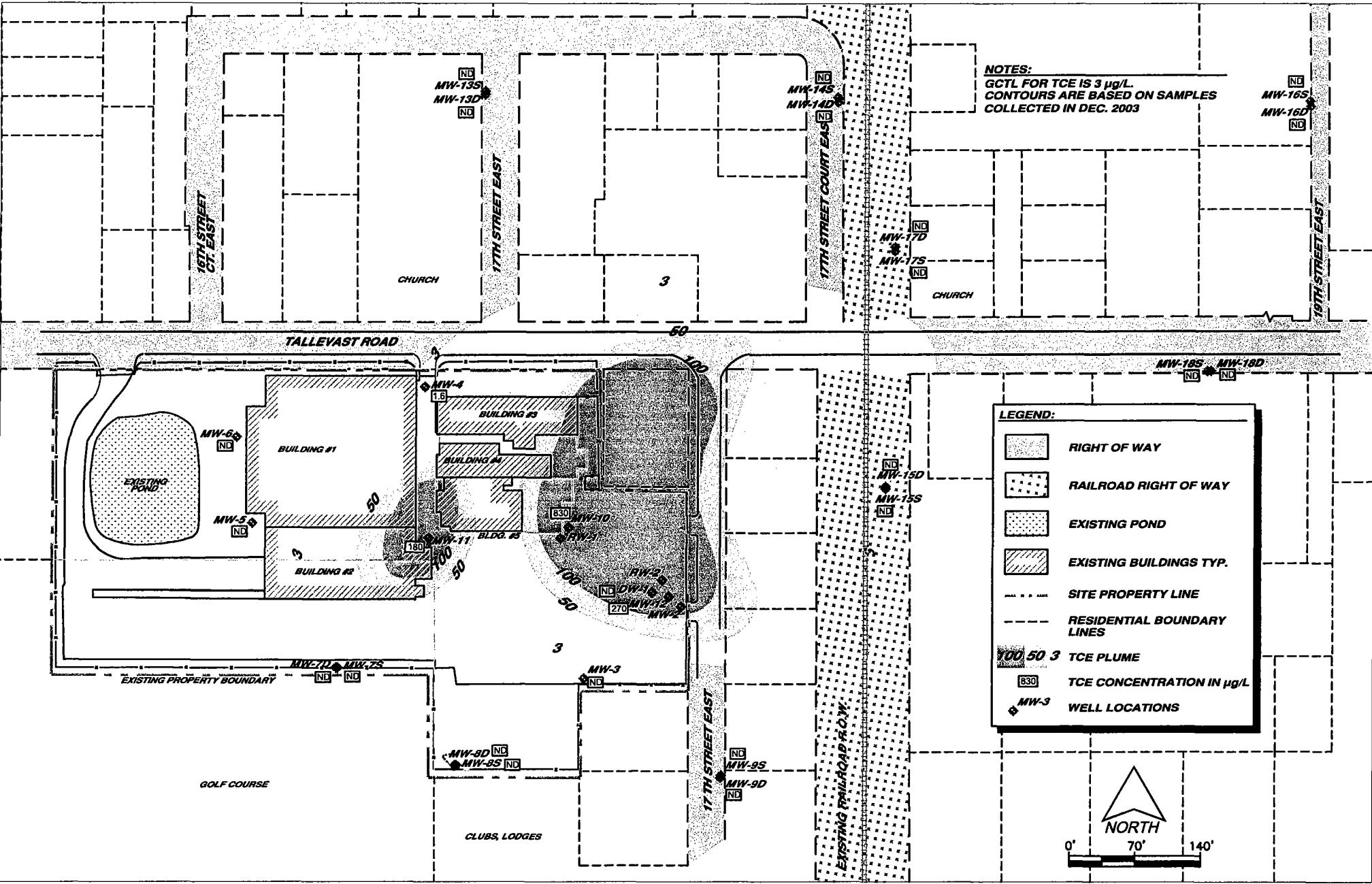


FIGURE 4  
ESTIMATED EXTENT OF PCE, 1,1-DCA AND 1,1-DCE

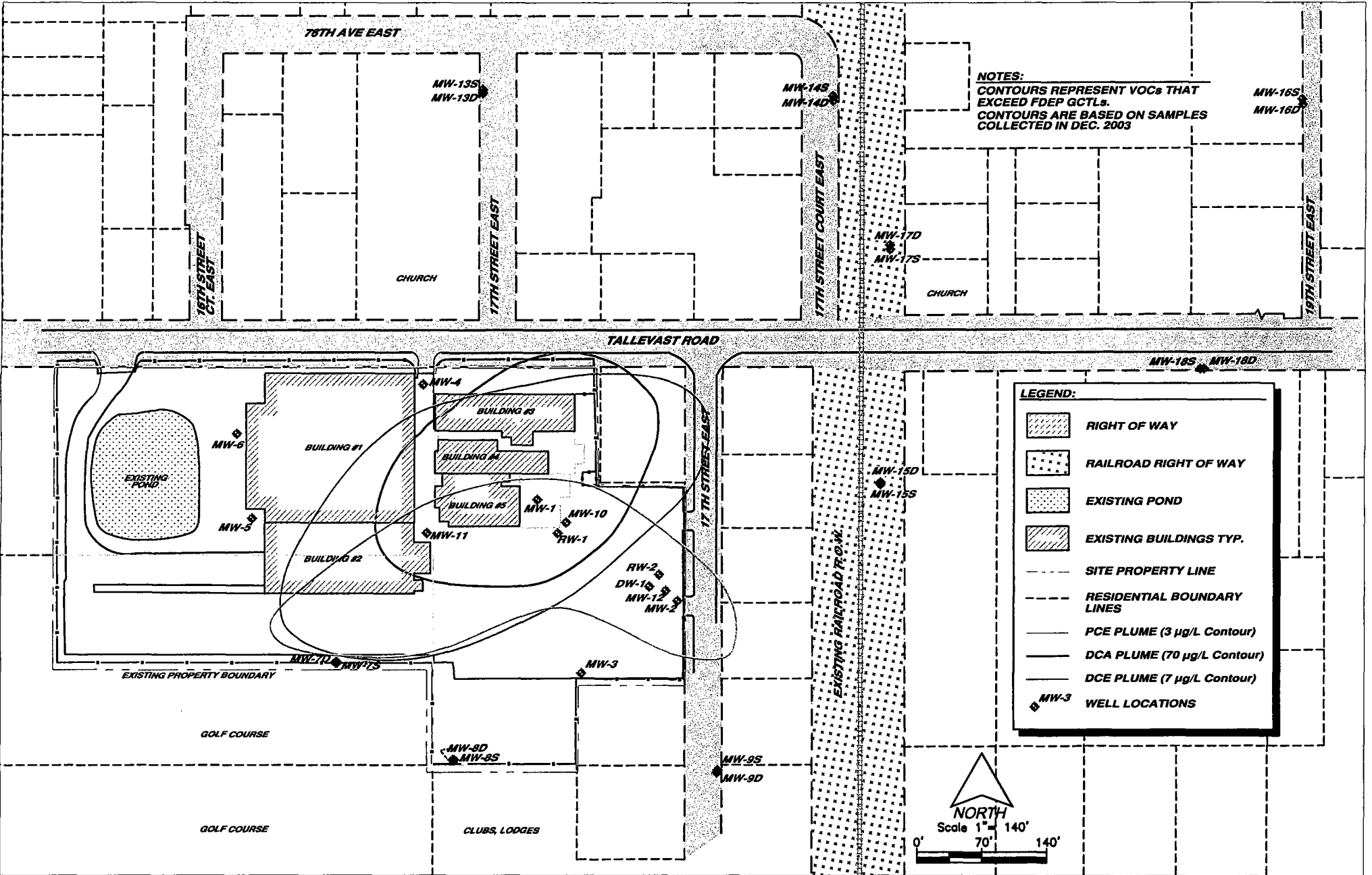
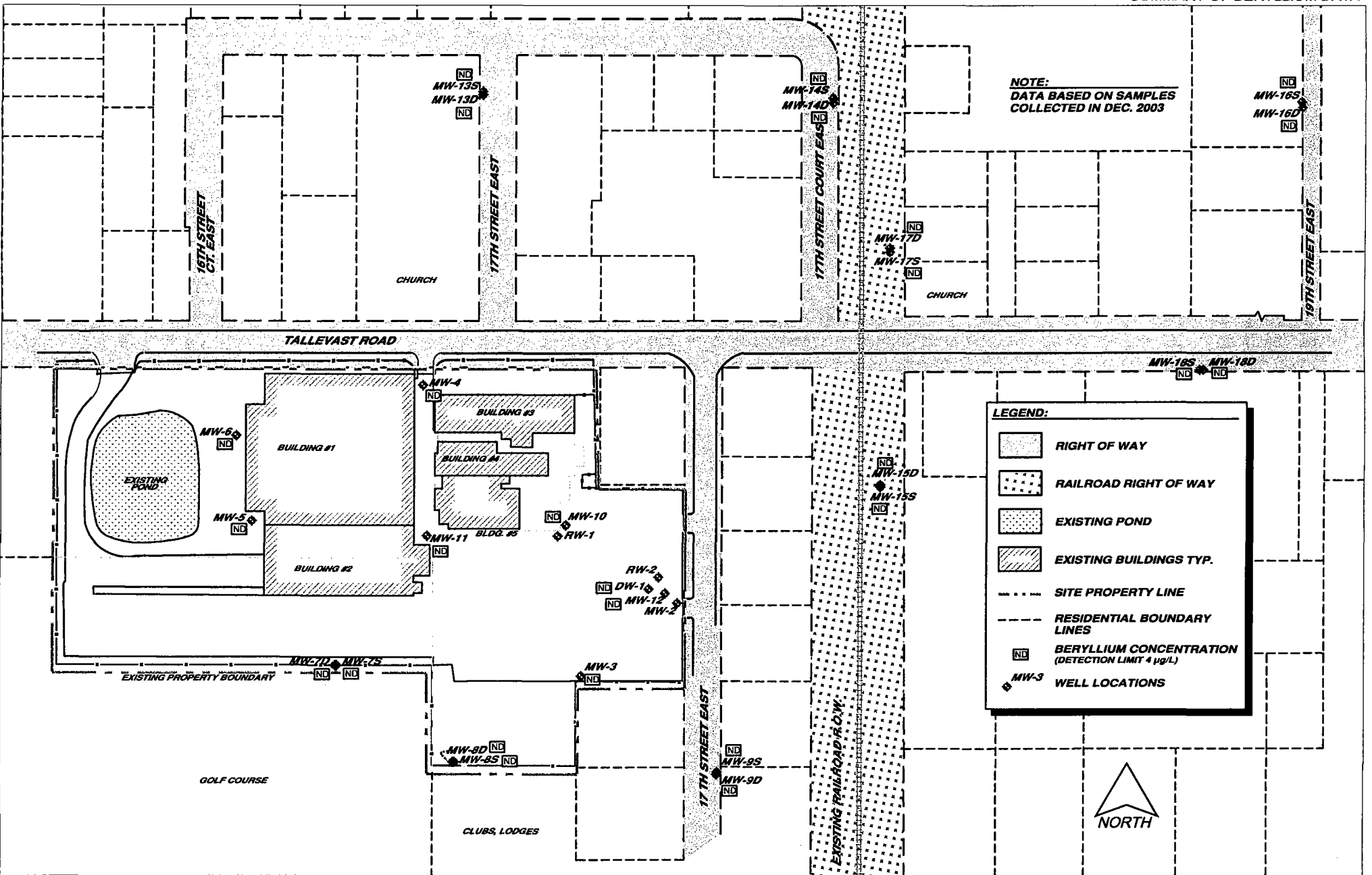


FIGURE 5  
SUMMARY OF BERYLLIUM DATA



**APPENDIX C**

**WELL SAMPLING DATA SHEETS**

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <u>American BayVIEW</u>		SITE LOCATION: <u>TALAMON</u>	
WELL NO: <u>TMW12</u>	SAMPLE ID: <u>TMW12</u>	DATE: <u>12/17</u>	


**PURGING DATA**

WELL DIAMETER (in): <u>2.0</u>	TOTAL WELL DEPTH (ft): <u>20</u>	STATIC DEPTH TO WATER (ft): <u>3.35</u>	WELL CAPACITY (gal/ft): <u>16</u>
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =			
= ( <u>20</u> - <u>3.35</u> ) X <u>16</u> = <u>266</u>			
PURGE METHOD: <u>Parastatic</u>		PURGE INITIATED AT: <u>740</u>	PURGE ENDED AT: <u>0810</u>
TOTAL VOL PURGED (gal): <u>300</u>			

TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0750	10	10	1	3.35	6.5	27.0	0.317	2.46	8	clear	none
0800	10	20	1	3.35	3.8	27.0	0.329	0.86	8	"	"
0810	10	30	1	3.55	3.8	27.1	0.330	0.83	8	"	"

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <u>H. Jones / Parastatic</u>			SAMPLER(S) SIGNATURE(S): 		
SAMPLING METHOD(S): <u>Parastatic</u>			SAMPLING INITIATED AT: <u>0810</u>		SAMPLING ENDED AT: <u>0815</u>
FIELD DECONTAMINATION: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>CG</u>	<u>40ml</u>	<u>HLK</u>	<u>—</u>	<u>—</u>	<u>9210</u>
<u>1</u>	<u>PE</u>	<u>—</u>	<u>H103</u>	<u>—</u>	<u>—</u>	<u>BE</u>

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <u>American Benetton</u>	SITE LOCATION: <u>TALAMONT</u>
WELL NO: <u>TT DW</u>	SAMPLE ID: <u>TT DW</u> DATE: <u>12/17</u>

**PURGING DATA**

WELL DIAMETER (in): <u>2.0</u>	TOTAL WELL DEPTH (ft): <u>87.0</u>	STATIC DEPTH TO WATER (ft): <u>13.41</u>	WELL CAPACITY (gal/ft): <u>16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  

$$= (87.0 - 13.41) \times 16 = 1177$$

PURGE METHOD: <u>Percutaneous</u>			PURGE INITIATED AT: <u>0735</u>		PURGE ENDED AT: <u>0825</u>		TOTAL VOL PURGED (gal): <u>50</u>				
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (OPFR)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0745	10	10	1	18.2	9.2	28.9	102	7.48	-10	2/10	None
0755	10	20	1	18.2	10.4	27.6	172	8.97	-10	11	11
0805	10	30	1	18.4	10.4	27.7	177	8.76	-10	11	11
0815	10	40		18.8	10.5	27.7	173	8.96	-10	11	11
0825	10	50		18.8	10.4	27.7	177	8.97	-10	11	11

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**SAMPLING DATA**

SAMPLED BY (PRINT)/ AFFILIATION: <u>HNG</u>	SAMPLER(S) SIGNATURE(S):
SAMPLING METHOD(S): <u>Percutaneous</u>	SAMPLING INITIATED AT: <u>0825</u> SAMPLING ENDED AT: <u>0830</u>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N      DUPLICATE: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	UG	40ml	HCL	-	-	8260
1	P		HNO3	-	-	135

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <u>Ameca Bay/Ilum</u>	SITE LOCATION: <u>FALMIST</u>
WELL NO: <u>HMLW 10</u>	SAMPLE ID: <u>HMLW 10</u> DATE: <u>11/17</u>

**PURGING DATA**

WELL DIAMETER (in): <u>2.0</u>	TOTAL WELL DEPTH (ft): <u>20.2</u>	STATIC DEPTH TO WATER (ft): <u>391</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY}$ $= (20.2 - 391) \times 0.16 = 260$			

PURGE METHOD: <u>Parasitic</u>			PURGE INITIATED AT: <u>0840</u>		PURGE ENDED AT: <u>0930</u>		TOTAL VOL. PURGED (gal): <u>502</u>				
TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0850</u>	<u>10</u>	<u>10</u>	<u>1</u>	<u>4.12</u>	<u>6.0</u>	<u>26.0</u>	<u>1361</u>	<u>11.99</u>	<u>18</u>	<u>total</u>	<u>None</u>
<u>0900</u>	<u>10</u>	<u>20</u>	<u>1</u>	<u>4.12</u>	<u>6.0</u>	<u>26.0</u>	<u>368</u>	<u>1.22</u>	<u>16</u>	<u>11</u>	<u>11</u>
<u>0910</u>	<u>10</u>	<u>30</u>	<u>1</u>	<u>4.12</u>	<u>5.9</u>	<u>26.0</u>	<u>447</u>	<u>1.39</u>	<u>25</u>	<u>4</u>	<u>11</u>
<u>0920</u>	<u>10</u>	<u>40</u>	<u>1</u>	<u>4.12</u>	<u>5.7</u>	<u>25.9</u>	<u>540</u>	<u>1.44</u>	<u>35</u>	<u>11</u>	<u>11</u>
<u>0930</u>	<u>10</u>	<u>50</u>	<u>1</u>	<u>4.12</u>	<u>5.7</u>	<u>26.0</u>	<u>510</u>	<u>1.44</u>	<u>9</u>	<u>Clear</u>	<u>11</u>
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <u>HMLW</u>	SAMPLER(S) SIGNATURE(S):
SAMPLING METHOD(S): <u>Parasitic</u>	SAMPLING INITIATED AT: <u>0930</u> SAMPLING ENDED AT: <u>0935</u>
FIELD DECONTAMINATION: <u>Y</u> <u>N</u>	FIELD-FILTERED: <u>Y</u> <u>N</u> DUPLICATE: <u>Y</u> <u>N</u>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>CG</u>	<u>40ml</u>	<u>HCL</u>	<u>-</u>	<u>-</u>	<u>8250</u>
<u>1</u>	<u>P</u>		<u>HNO3</u>	<u>-</u>	<u>-</u>	<u>BE</u>

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <i>America Bay/1169</i>	SITE LOCATION: <i>TALAWAST</i>
WELL NO: <i>IT MW 3</i>	SAMPLE ID: <i>IT MW 3</i> DATE: <i>11/17</i>

**PURGING DATA**

WELL DIAMETER (in): <i>2.0</i>	TOTAL WELL DEPTH (ft): <i>17.8</i>	STATIC DEPTH TO WATER (ft): <i>2.58</i>	WELL CAPACITY (gal/ft): <i>16</i>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  
 $= (17.8 - 2.58) \times 16 = 243$

PURGE METHOD: <i>Parasta Hc</i>	PURGE INITIATED AT: <i>0955</i>	PURGE ENDED AT: <i>1022</i>	TOTAL VOL PURGED (gal): <i>306</i>
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TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm) LPM	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1005</i>	<i>10</i>	<i>10</i>	<i>1</i>	<i>291</i>	<i>6.6</i>	<i>21.6</i>	<i>247</i>	<i>1275</i>	<i>-8</i>	<i>2100</i>	<i>NEOK</i>
<i>1015</i>	<i>10</i>	<i>20</i>	<i>1</i>	<i>290</i>	<i>6.6</i>	<i>21.6</i>	<i>246</i>	<i>4.77</i>	<i>-8</i>	<i>11</i>	<i>11</i>
<i>1025</i>	<i>10</i>	<i>30</i>	<i>1</i>	<i>291</i>	<i>6.6</i>	<i>21.6</i>	<i>247</i>	<i>4.19</i>	<i>-8</i>	<i>11</i>	<i>4</i>
<span style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <i>Drop # 2</i> </span>											

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <i>HNO3</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Parastaltic</i>	SAMPLING INITIATED AT: <i>1025</i> SAMPLING ENDED AT: <i>1030</i>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FIELD FILTERED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N      DUPLICATE: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>CG</i>	<i>70ml</i>	<i>HCL</i>	<i>-</i>	<i>-</i>	<i>8260</i>
<i>1</i>	<i>P</i>	<i>-</i>	<i>HNO3</i>	<i>-</i>	<i>-</i>	<i>BE</i>

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.



Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG

SITE NAME: <u>American Berlin</u>		SITE LOCATION: <u>Sanasota</u>	
WELL NO: <u>H 7D</u>	SAMPLED: <u>TT 7D</u>	DATE: <u>11/17</u>	

PURGING DATA

WELL DIAMETER (in): <u>2</u>	TOTAL WELL DEPTH (ft): <u>19.8</u>	STATIC DEPTH TO WATER (ft): <u>2.73</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  

$$= (19.8 - 2.73) \times 0.16 = 2.73$$

PURGE METHOD: <u>Peristaltic</u>	PURGE INITIATED AT: <u>1035</u>	PURGE ENDED AT: <u>1115</u>	TOTAL VOL. PURGED (gal): <u>90L</u>
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TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1045</u>	<u>10</u>	<u>10</u>	<u>1</u>	<u>2.85</u>	<u>5.3</u>	<u>21.4</u>	<u>890</u>	<u>12.4</u>	<u>10</u>	<u>2/02</u>	<u>no</u>
<u>1055</u>	<u>10</u>	<u>20</u>	<u>1</u>	<u>2.85</u>	<u>4.6</u>	<u>20.5</u>	<u>1.14</u>	<u>15.43</u>	<u>1</u>	<u>11</u>	<u>11</u>
<u>1055</u>	<u>12</u>	<u>32</u>	<u>1</u>	<u>2.85</u>	<u>5.7</u>	<u>21.4</u>	<u>1.50</u>	<u>12.82</u>	<u>13</u>	<u>11</u>	<u>11</u>
<u>1115</u>	<u>10</u>	<u>40</u>	<u>1</u>	<u>2.85</u>	<u>5.3</u>	<u>21.4</u>	<u>1.55</u>	<u>12.82</u>	<u>10</u>	<u>11</u>	<u>11</u>

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT)/ AFFILIATION: <u>HAVS</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	
SAMPLING METHOD(S): <u>Peristaltic</u>	SAMPLING INITIATED AT: <u>1115</u>	SAMPLING ENDED AT: <u>1120</u>
FIELD DECONTAMINATION: Y N	FIELD FILTERED: Y N	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>CG</u>	<u>40ml</u>	<u>HCL</u>	<u>-</u>	<u>-</u>	<u>8260</u>
<u>1</u>	<u>P</u>		<u>H2O2</u>			<u>BE</u>

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

## Florida Department of Environmental Protection GROUNDWATER SAMPLING LOG

SITE NAME: <u>Amoron Bay Lagoon</u>	SITE LOCATION: <u>Talsant</u>
WELL NO.: <u>H MW 75</u>	SAMPLE ID: <u>H MW 75</u>
DATE: <u>11/17</u>	

### PURGING DATA

WELL DIAMETER (in): <u>20</u>	TOTAL WELL DEPTH (ft): <u>9.9</u>	STATIC DEPTH TO WATER (ft): <u>2.96</u>	WELL CAPACITY (gal/ft): <u>16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY}$ $= (9.9 - 2.96) \times 16 = 111$			
PURGE METHOD: <u>Puristalk</u>	PURGE INITIATED AT: <u>1040</u>	PURGE ENDED AT: <u>1120</u>	TOTAL VOL PURGED (gal): <u>406</u>

TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gal/min)	DEPTH TO WATER (ft)	pH	TEMP (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1055	10	6	1	3.00	5.8	21.3	878	357	35	4	4
1100	10	20	1	3.02	5.4	20.9	877	924	33	4	3
1110	10	30	1	2.01	5.4	21.2	1.33	1.42	1	11	11
1120	10	40	1	2.01	5.4	21.2	1.33	1.63	1	11	11

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>HMSD</u>			SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>		
SAMPLING METHOD(S): <u>Puristalk</u>			SAMPLING INITIATED AT: <u>1120</u>		SAMPLING ENDED AT: <u>1125</u>
FIELD DECONTAMINATION: <u>Y</u>		FIELD-FILTERED: <u>Y</u>		DUPLICATE: <u>Y</u>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40ml	HCL	2	-	8260
1	P	1	HNO3	-	-	BH

REMARKS:

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

**NOTE:** The above do not constitute all of the information required by Chapter 62-160, F.A.C.

## Florida Department of Environmental Protection GROUNDWATER SAMPLING LOG

SITE NAME: <i>American Petroleum</i>	SITE LOCATION: <i>Talcahuano</i>
WELL NO: <i>H8D</i>	SAMPLE ID: <i>TT 8D</i> DATE: <i>11/17</i>

### PURGING DATA

WELL DIAMETER (in): <i>2.0</i>	TOTAL WELL DEPTH (ft): <i>19.0</i>	STATIC DEPTH TO WATER (ft): <i>2.36</i>	WELL CAPACITY (gal/ft):
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  

$$= (19.0 - 2.36) \times 0.16 = 2.60$$

PURGE METHOD: <i>Pamatic</i>	PURGE INITIATED AT: <i>1145</i>	PURGE ENDED AT: <i>1225</i>	TOTAL VOL PURGED (gal):
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TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	O.
<i>1145</i>	<i>10</i>	<i>10</i>	<i>1</i>	<i>2.60</i>	<i>5.31</i>	<i>22.24</i>	<i>1.35</i>	<i>10.71</i>	<i>-10</i>	<i>0/20</i>	<i>non</i>
<i>1205</i>	<i>10</i>	<i>20</i>	<i>1</i>	<i>2.60</i>	<i>5.31</i>	<i>22.07</i>	<i>1.36</i>	<i>10.77</i>	<i>-10</i>	<i>n</i>	<i>11</i>
<i>1215</i>	<i>10</i>	<i>30</i>	<i>1</i>	<i>2.60</i>	<i>5.31</i>	<i>22.07</i>	<i>1.37</i>	<i>10.24</i>	<i>-10</i>	<i>11</i>	<i>11</i>
<i>1218</i>	<i>10</i>	<i>40</i>	<i>1</i>	<i>2.60</i>	<i>5.31</i>	<i>22.07</i>	<i>1.37</i>	<i>10.25</i>	<i>-10</i>	<i>11</i>	<i>11</i>

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>HNU1</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Pamatic</i>	SAMPLING INITIATED AT: <i>1225</i> SAMPLING ENDED AT: <i>1230</i>
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i> <input type="checkbox"/>	FIELD-FILTERED: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i> <input type="checkbox"/> DUPLICATE: <i>Y</i> <input type="checkbox"/> <i>N</i> <input checked="" type="checkbox"/>

NO.	SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>CG</i>	<i>40ml</i>	<i>HCL</i>	<i>-</i>	<i>-</i>	<i>8260</i>
<i>1</i>	<i>P</i>	<i>125ml</i>	<i>HNO3</i>	<i>-</i>	<i>-</i>	<i>13E</i>

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <i>América B. Boylston</i>	SITE LOCATION: <i>Talavera</i>
WELL NO: <i>H 85</i>	SAMPLE ID: <i>H 85</i> DATE: <i>11/17</i>

**PURGING DATA**

WELL DIAMETER (in): <i>2.0</i>	TOTAL WELL DEPTH (ft): <i>10.25</i>	STATIC DEPTH TO WATER (ft): <i>2.37</i>	WELL CAPACITY (gal/ft): <i>-16</i>
$\uparrow \text{WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (10.25 - 2.37) \times 16 = 1.25$			
PURGE METHOD: <i>Parastatic</i>	PURGE INITIATED AT: <i>1150</i>	PURGE ENDED AT: <i>1230</i>	TOTAL VOL. PURGED (gal): <i>40L</i>

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1200</i>	<i>10</i>	<i>10</i>	<i>1</i>	<i>2.45</i>	<i>6.7</i>	<i>21.6</i>	<i>281</i>	<i>1.67</i>	<i>-10</i>	<i>clear</i>	<i>none</i>
<i>1210</i>	<i>10</i>	<i>20</i>	<i>1</i>	<i>2.45</i>	<i>6.6</i>	<i>21.6</i>	<i>257</i>	<i>1.66</i>	<i>-8</i>	<i>"</i>	<i>"</i>
<i>1220</i>	<i>10</i>	<i>30</i>	<i>1</i>	<i>2.45</i>	<i>6.6</i>	<i>21.6</i>	<i>256</i>	<i>1.64</i>	<i>-8</i>	<i>"</i>	<i>"</i>
<i>1230</i>	<i>10</i>	<i>40</i>	<i>1</i>	<i>2.45</i>	<i>6.6</i>	<i>21.6</i>	<i>256</i>	<i>1.61</i>	<i>-8</i>	<i>"</i>	<i>"</i>

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**SAMPLING DATA**

SAMPLED BY (PRINT)/ AFFILIATION: <i>Hrus</i>			SAMPLER(S) SIGNATURE(S):		
SAMPLING METHOD(S): <i>Parastatic</i>			SAMPLING INITIATED AT: <i>1230</i>		SAMPLING ENDED AT: <i>1230</i>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y		FIELD FILTERED: <input checked="" type="checkbox"/> Y		DUPLICATE: <input checked="" type="checkbox"/> Y	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>GG</i>	<i>40 ml</i>	<i>HCL</i>	<i>-</i>	<i>-</i>	<i>8260</i>
<i>1</i>	<i>P</i>	<i>125 ml</i>	<i>HNO3</i>	<i>-</i>	<i>-</i>	<i>134</i>

REMARKS:

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

**NOTE:** The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG

SITE NAME: <i>American Best/Heim</i>	SITE LOCATION: <i>Talawat</i>
WELL NO: <i>M611</i>	SAMPLE ID: <i>M611</i>
DATE: <i>12/17</i>	

PURGING DATA

WELL DIAMETER (in): <i>2.0</i>	TOTAL WELL DEPTH (ft): <i>19.4</i>	STATIC DEPTH TO WATER (ft): <i>3.95</i>	WELL CAPACITY (gal/ft): <i>16</i>								
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = $(19.4 - 3.95) \times 16 = 247$											
PURGE METHOD: <i>Peristaltic</i>	PURGE INITIATED AT: <i>12:50</i>	PURGE ENDED AT: <i>1:30</i>	TOTAL VOL PURGED (gal): <i>30L</i>								
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>13:00</i>	<i>10</i>	<i>10</i>	<i>3</i>	<i>4.04</i>	<i>4.54</i>	<i>24.1</i>	<i>910</i>	<i>4.25</i>	<i>-10</i>	<i>10</i>	<i>1301K</i>
<i>13:10</i>	<i>10</i>	<i>20</i>	<i>1</i>	<i>4.06</i>	<i>4.54</i>	<i>24.25</i>	<i>910</i>	<i>1.25</i>	<i>-10</i>	<i>11</i>	<i>11</i>
<i>13:20</i>	<i>10</i>	<i>30</i>	<i>1</i>	<i>4.06</i>	<i>4.91</i>	<i>24.2</i>	<i>910</i>	<i>2.04</i>	<i>-10</i>	<i>11</i>	<i>11</i>
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>HMS</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				
SAMPLING METHOD(S): <i>Peristaltic</i>	SAMPLING INITIATED AT: <i>13:20</i>				
SAMPLING ENDED AT: <i>13:35</i>	DUPLICATE: <input checked="" type="checkbox"/>				
FIELD DECONTAMINATION: <input checked="" type="checkbox"/>	FIELD-FILTERED: <input checked="" type="checkbox"/>				
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	
<i>2</i>	<i>CG</i>	<i>40ml</i>	<i>HCL</i>	<i>-</i>	<i>8260</i>
<i>1</i>	<i>P</i>	<i>175ml</i>	<i>HNO3</i>	<i>-</i>	<i>15K</i>
REMARKS:					
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)					

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <i>America Baylum</i>	SITE LOCATION: <i>Talawas</i>
WELL NO: <i>MW4</i>	SAMPLE ID: <i>MW4</i>
DATE:	

**PURGING DATA**

WELL DIAMETER (in): <i>2.0</i>	TOTAL WELL DEPTH (ft): <i>18.7</i>	STATIC DEPTH TO WATER (ft): <i>3.71</i>	WELL CAPACITY (gal/ft): <i>.16</i>
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = $= (18.7 - 3.71) \times .16 = 2.35$			
PURGE METHOD: <i>Peristaltic</i>	PURGE INITIATED AT: <i>1340</i>	PURGE ENDED AT: <i>1420</i>	TOTAL VOL PURGED (gal): <i>40L</i>

TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gal/min)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1350</i>	<i>10</i>	<i>10</i>	<i>1</i>	<i>3.80</i>	<i>6.6</i>	<i>24.5</i>	<i>206</i>	<i>8.35</i>	<i>-10</i>	<i>turbid</i>	<i>none</i>
<i>1400</i>	<i>10</i>	<i>20</i>	<i>1</i>	<i>3.80</i>	<i>6.7</i>	<i>24.5</i>	<i>228</i>	<i>8.58</i>	<i>-10</i>	<i>"</i>	<i>"</i>
<i>1410</i>	<i>10</i>	<i>30</i>	<i>1</i>	<i>3.80</i>	<i>6.7</i>	<i>24.5</i>	<i>238</i>	<i>9.72</i>	<i>-10</i>	<i>"</i>	<i>"</i>
<i>1420</i>	<i>10</i>	<i>40</i>	<i>1</i>	<i>3.8</i>	<i>6.7</i>	<i>25.4</i>	<i>277</i>	<i>10.21</i>	<i>-10</i>	<i>"</i>	<i>"</i>

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <i>Hrus</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Peristaltic</i>	SAMPLING INITIATED AT: <i>1420</i> SAMPLING ENDED AT: <i>1425</i>
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="checkbox"/>	FIELD-FILTERED: <i>Y</i> <input checked="" type="checkbox"/> DUPLICATE: <i>Y</i> <input checked="" type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>CG</i>	<i>40ml</i>	<i>HLL</i>	<i>-</i>	<i>-</i>	<i>9260</i>
<i>1</i>	<i>P</i>	<i>125ml</i>	<i>HNO3</i>	<i>-</i>	<i>-</i>	<i>13/5</i>

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <u>American Benetton</u>	SITE LOCATION: <u>TALAMON</u>
WELL NO: <u>MW 5</u>	SAMPLE ID: <u>MW 5</u> DATE: <u>11/17</u>

**PURGING DATA**

WELL DIAMETER (in): <u>2.0</u>	TOTAL WELL DEPTH (ft): <u>10.10</u>	STATIC DEPTH TO WATER (ft): <u>4.22</u>	WELL CAPACITY (gal/ft): <u>16</u>
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <u>= (10.10 - 4.22) x 16 = 94</u>			

PURGE METHOD: <u>Peristaltic</u>		PURGE INITIATED AT: <u>1440</u>		PURGE ENDED AT: <u>1510</u>		TOTAL VOL PURGED (gal): <u>30</u>					
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1450	10	10	1	4.35	7.2	22.8	116	0.53	10	Clean	None
1500	10	20	1	4.35	7.1	22.3	116	0.0	9		
1510	10	30	1	4.25	7.2	22.3	116	0.09	0		
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <u>HHS</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Peristaltic</u>	SAMPLING INITIATED AT: <u>1510</u> SAMPLING ENDED AT: <u>1515</u>
FIELD DECONTAMINATION: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40ml	HCL	—	—	8260
1	P	125ml	H2O2	—	—	18

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

**Florida Department of Environmental Protection  
GROUNDWATER SAMPLING LOG**

SITE NAME: <u>Antonia Bayliss</u>	SITE LOCATION: <u>Talbot</u>
WELL NO: <u>M66</u>	SAMPLE ID: <u>M66</u>
DATE: <u>11/17</u>	

**PURGING DATA**

WELL DIAMETER (in): <u>2.0</u>	TOTAL WELL DEPTH (ft): <u>10.10</u>	STATIC DEPTH TO WATER (ft): <u>4.10</u>	WELL CAPACITY (gal/ft): <u>16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY}$ $= (10.10 - 4.10) \times 16 = 96$			
PURGE METHOD: <u>Peristaltic</u>	PURGE INITIATED AT: <u>1525</u>	PURGE ENDED AT: <u>1555</u>	TOTAL VOL. PURGED (gal): <u>306</u>

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1535	10	10	1	3.16	7.0	222	261	1.90	0.3	2149	None
1545	10	20	1	3.16	7.0	222	256	2.82	0.2	"	"
1555	10	30	1	3.16	7.0	222	251	3.11	0.10	"	"

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <u>HOUZ</u>				SAMPLER(S) SIGNATURE(S):			
SAMPLING METHOD(S): <u>Peristaltic</u>				SAMPLING INITIATED AT: <u>1555</u>		SAMPLING ENDED AT: <u>1600</u>	
FIELD DECONTAMINATION: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40ml	HCL	-	-	B260
1	P	125ml	HNO3	-	-	B2

REMARKS:

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

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.



**APPENDIX D**

**LABORATORY REPORTS**



Client #: FTL-94-120138  
Address: Tetra Tech NUS  
794 South Military Trail  
Deerfield Beach, FL 33442  
Attn: Steve Brashers

Page: Page 1 of 2  
Date: 12/24/2003  
Log #: L84856-1

Sample Description:

American Beryllium  
Proj.#: N1075181D

Analytical Report: TTMW 17S  
Date Sampled: 12/16/2003  
Time Sampled: 09:35  
Date Received: 12/18/2003  
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-1

Sample Description:

American Beryllium  
 Proj.#: N1075181D

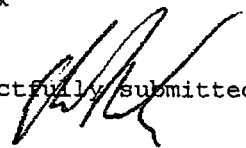
Analytical Report: TTMW 17S  
 Date Sampled: 12/16/2003  
 Time Sampled: 09:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.	Analyst
				Limit	Date	Date	
<b>Surgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	96	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	81	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	93	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-2

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 17D  
 Date Sampled: 12/16/2003  
 Time Sampled: 09:50  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Surgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-2

Sample Description:

American Beryllium  
 Proj.#: N1075181D

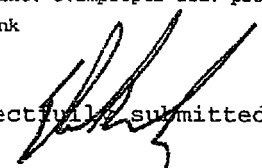
Analytical Report: TTMW 17D  
 Date Sampled: 12/16/2003  
 Time Sampled: 09:50  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Purgeable Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL	
Dilution Factor	1.0		5030/8260		12/23	12/23	BL	
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	100	%	5030/8260	68-145	12/23	12/23	BL	
Toluene-D8	82	%	5030/8260	62-133	12/23	12/23	BL	
4-Bromofluorobenzene	95	%	5030/8260	56-135	12/23	12/23	BL	
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB	

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-3

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 15S  
 Date Sampled: 12/16/2003  
 Time Sampled: 11:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-3

Sample Description:

American Beryllium  
 Proj.#: N1075181D

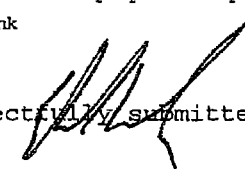
Analytical Report: TTMW 15S  
 Date Sampled: 12/16/2003  
 Time Sampled: 11:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	88	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	70	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	80	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-4

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 15D  
 Date Sampled: 12/16/2003  
 Time Sampled: 12:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	1.5	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-4

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 15D  
 Date Sampled: 12/16/2003  
 Time Sampled: 12:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	95	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	77	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	88	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,

Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-5

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 18S  
 Date Sampled: 12/16/2003  
 Time Sampled: 13:05  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Surgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8250	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-5

Sample Description:

American Beryllium  
 Proj.#: N1075181D

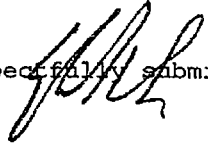
Analytical Report: TTMW 18S  
 Date Sampled: 12/16/2003  
 Time Sampled: 13:05  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	106	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	85	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	97	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                    DOH# E86240                    NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                IL CERT# 200020  
 SC CERT# 96031001            TN CERT# 02985  
 USACE                            GA CERT# 917  
 VA CERT# 00395                USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-6

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 18D  
 Date Sampled: 12/16/2003  
 Time Sampled: 14:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Surgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	3.2	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	1.7	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	7.8	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	12	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-6

**Sample Description:**

American Beryllium  
 Proj.#: N1075181D

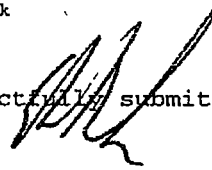
**Analytical Report: TTMW 18D**

Date Sampled: 12/16/2003  
 Time Sampled: 14:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	110	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	88	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	101	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                    IL CERT# 200020  
 SC CERT# 96031001                TN CERT# 02985  
 USACE                                GA CERT# 917  
 VA CERT# 00395                    USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-7

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 16S  
 Date Sampled: 12/16/2003  
 Time Sampled: 15:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-7

Sample Description:

American Beryllium  
 Proj.#: N1075181D

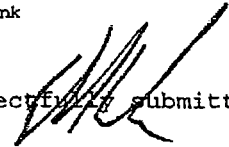
Analytical Report: TTMW 16S  
 Date Sampled: 12/16/2003  
 Time Sampled: 15:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	124	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	97	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	112	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                    DOH# E86240                    NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                    IL CERT# 200020  
 SC CERT# 96031001            TN CERT# 02985  
 USACE                            GA CERT# 917  
 VA CERT# 00395                USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-8

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 16D  
 Date Sampled: 12/16/2003  
 Time Sampled: 16:05  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/23	12/23	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/23	12/23	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/23	12/23	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/23	12/23	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/23	12/23	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-8

Sample Description:

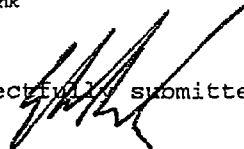
American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 16D  
 Date Sampled: 12/16/2003  
 Time Sampled: 16:05  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/23	12/23	BL
Dilution Factor	1.0		5030/8260		12/23	12/23	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	108	%	5030/8260	68-145	12/23	12/23	BL
Toluene-D8	85	%	5030/8260	62-133	12/23	12/23	BL
4-Bromofluorobenzene	97	%	5030/8260	56-135	12/23	12/23	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E96240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                TN CERT# 02985  
 USACE                                GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-9

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 14S  
 Date Sampled: 12/16/2003  
 Time Sampled: 17:10  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-9

Sample Description:

American Beryllium  
 Proj.#: N1075181D

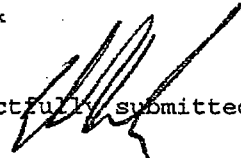
Analytical Report: TTMW 14S  
 Date Sampled: 12/16/2003  
 Time Sampled: 17:10  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	107	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	84	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	96	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-10

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 14D  
 Date Sampled: 12/16/2003  
 Time Sampled: 17:50  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-10

Sample Description:

American Beryllium  
 Proj.#: N1075181D

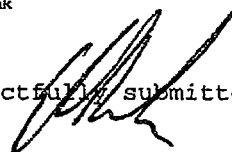
Analytical Report: TTMW 14D  
 Date Sampled: 12/16/2003  
 Time Sampled: 17:50  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable	Extr.	Anly.	Analyst
				Limit	Date	Date	
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	131	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	104	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	118	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NPL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# EB6240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                      TN CERT# 02985  
 USACE                                      GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-11

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 13S  
 Date Sampled: 12/16/2003  
 Time Sampled: 18:50  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-11

Sample Description:

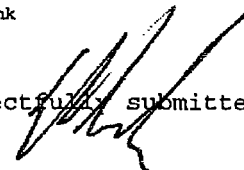
American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 13S  
 Date Sampled: 12/16/2003  
 Time Sampled: 18:50  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	107	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	86	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	98	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-12

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 13D  
 Date Sampled: 12/16/2003  
 Time Sampled: 19:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-12

Sample Description:

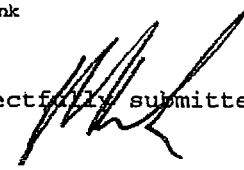
American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 13D  
 Date Sampled: 12/16/2003  
 Time Sampled: 19:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Purgeable Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24		BL
Dilution Factor	1.0		5030/8260		12/24	12/24		BL
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	108	%	5030/8260	68-145	12/24	12/24		BL
Toluene-D8	85	%	5030/8260	62-133	12/24	12/24		BL
4-Bromofluorobenzene	94	%	5030/8260	56-135	12/24	12/24		BL
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22		SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                TN CERT# 02985  
 USACE                                GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-13

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TT DUP1

Date Sampled: 12/17/2003  
 Time Sampled: 00:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

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 Date: 12/24/2003  
 Log #: L84856-13

Sample Description:

American Beryllium  
 Proj.#: N1075181D

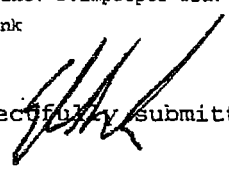
Analytical Report: TT-DUP1  
 Date Sampled: 12/17/2003  
 Time Sampled: 00:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	107	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	83	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	92	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444  
 SUB DOH# 86122,86109,E86048 ADEM ID# 40850 IL CERT# 200020  
 SC CERT# 96031001 TN CERT# 02985  
 USACE GA CERT# 917  
 VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-14

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 9S  
 Date Sampled: 12/17/2003  
 Time Sampled: 06:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-14

Sample Description:

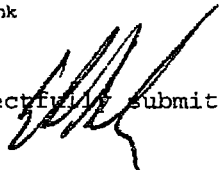
American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 9S  
 Date Sampled: 12/17/2003  
 Time Sampled: 06:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	108	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	85	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	95	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444  
 SUB DOH# 86122,86109,E86048 ADEM ID# 40850 IL CERT# 200020  
 SC CERT# 96031001 TN CERT# 02985  
 USACE GA CERT# 917  
 VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-15

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 9D  
 Date Sampled: 12/17/2003  
 Time Sampled: 07:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-15

Sample Description:

American Beryllium  
 Proj.#: N1075181D

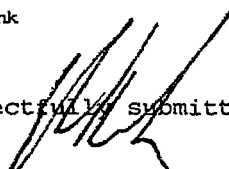
Analytical Report: TTMW 9D  
 Date Sampled: 12/17/2003  
 Time Sampled: 07:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	108	%	5030/8260	68-145	12/24	12/24	BL
Toluene-DB	86	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	95	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-16

Sample Description:  
 American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 12  
 Date Sampled: 12/17/2003  
 Time Sampled: 08:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	11	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	12	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	3.7	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	190	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	270	ug/l	5030/8260	10	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-16

Sample Description:

American Beryllium  
 Proj.#: N1075181D

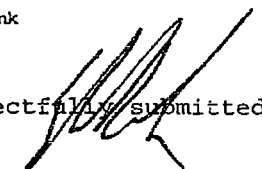
Analytical Report: TTMW 12  
 Date Sampled: 12/17/2003  
 Time Sampled: 08:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	128	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	99	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	110	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 60395                      USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-17

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTDW 1  
 Date Sampled: 12/17/2003  
 Time Sampled: 08:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-17

Sample Description:

American Beryllium  
 Proj.#: N1075181D

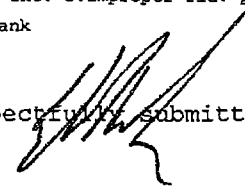
Analytical Report: TTDW 1  
 Date Sampled: 12/17/2003  
 Time Sampled: 08:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	102	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	79	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	89	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASIM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NPL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200G20  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-18

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 10  
 Date Sampled: 12/17/2003  
 Time Sampled: 09:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	4.0	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	330	ug/l	5030/8260	10	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	120	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	37	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	3.6	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	21	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	15	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	830	ug/l	5030/8260	10	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-18

Sample Description:

American Beryllium  
 Proj.#: N1075181D

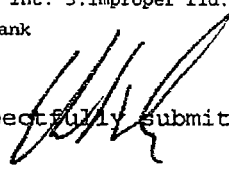
Analytical Report: TTMW 10  
 Date Sampled: 12/17/2003  
 Time Sampled: 09:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	105	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	82	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	92	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                    DOH# E86240                    NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                IL CERT# 200020  
 SC CERT# 96031001            TN CERT# 02965  
 USACE                            GA CERT# 917  
 VA CERT# 00395                USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-19

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 3

Date Sampled: 12/17/2003  
 Time Sampled: 10:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-19

Sample Description:

American Beryllium  
 Proj.#: N1075181D

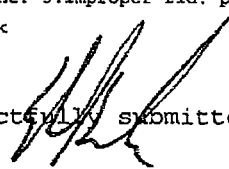
Analytical Report: TTMW 3  
 Date Sampled: 12/17/2003  
 Time Sampled: 10:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Purgeable Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24		BL
Dilution Factor	1.0		5030/8260		12/24	12/24		BL
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	106	%	5030/8260	68-145	12/24	12/24		BL
Toluene-D8	81	%	5030/8260	62-133	12/24	12/24		BL
4-Bromofluorobenzene	90	%	5030/8260	56-135	12/24	12/24		BL
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22		SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; O-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444  
 SUB DOH# 86122,86109,E86048 ADEM ID# 40850 IL CERT# 200026  
 SC CERT# 96031001 TN CERT# 02985  
 USACE GA CERT# 917  
 VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-20

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 7D

Date Sampled: 12/17/2003  
 Time Sampled: 11:20  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-20

Sample Description:

American Beryllium  
 Proj.#: N1075181D

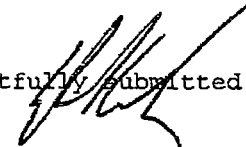
Analytical Report: TTMW 7D  
 Date Sampled: 12/17/2003  
 Time Sampled: 11:20  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b> (continued)							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	115	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	92	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	102	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,886048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-21

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 7S  
 Date Sampled: 12/17/2003  
 Time Sampled: 11:25  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-21

**Sample Description:**

American Beryllium  
 Proj.#: N1075181D

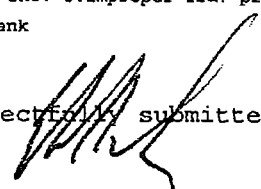
**Analytical Report:** TTMW 7S  
 Date Sampled: 12/17/2003  
 Time Sampled: 11:25  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b> (continued)							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	113	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	91	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	99	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEF Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEF Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEF Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444  
 SUB DOH# 86122,86109,E86048 ADEM ID# 40850 IL CERT# 200020  
 SC CERT# 96031001 TN CERT# 02985  
 USACE GA CERT# 917  
 VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-22

Sample Description:  
 American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 8D  
 Date Sampled: 12/17/2003  
 Time Sampled: 12:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-22

Sample Description:

American Beryllium  
 Proj.#: N1075181D

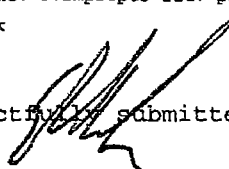
Analytical Report: TTMW 8D  
 Date Sampled: 12/17/2003  
 Time Sampled: 12:30  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Organic Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL	
Dilution Factor	1.0		5030/8260		12/24	12/24	BL	
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	112	%	5030/8260	68-145	12/24	12/24	BL	
Toluene-D8	92	%	5030/8260	62-133	12/24	12/24	BL	
4-Bromofluorobenzene	98	%	5030/8260	56-135	12/24	12/24	BL	
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB	

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PCL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-23

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 8S

Date Sampled: 12/17/2003  
 Time Sampled: 12:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-23

Sample Description:

American Beryllium  
 Proj.#: N1075181D

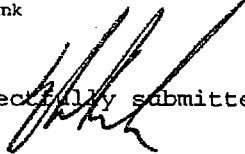
Analytical Report: TTMW 8S  
 Date Sampled: 12/17/2003  
 Time Sampled: 12:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	113	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	91	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	99	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,

  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-24

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 11  
 Date Sampled: 12/17/2003  
 Time Sampled: 13:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons:</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	17	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	7.2	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	6.6	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	9.3	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,1,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	5.4	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	180	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-24

Sample Description:

American Beryllium  
 Proj.#: N1075181D

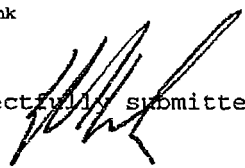
Analytical Report: TTMW 11  
 Date Sampled: 12/17/2003  
 Time Sampled: 13:35  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	114	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	91	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	100	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and FQL

QAP# 980126                    DOH# E86240                    NC CERT# 444  
 SUB DOH# 86122,86109,E86048    ADEM ID# 40850                IL CERT# 200020  
 SC CERT# 96031001            TN CERT# 02985  
 USACE                            GA CERT# 917  
 VA CERT# 00395                USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-25

Sample Description:  
 American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 4  
 Date Sampled: 12/17/2003  
 Time Sampled: 14:25  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromine Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	1.6	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-25

Sample Description:

American Beryllium  
 Proj.#: N1075181D

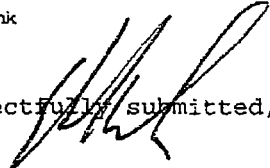
Analytical Report: TTMW 4  
 Date Sampled: 12/17/2003  
 Time Sampled: 14:25  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Surgeable Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24		BL
Dilution Factor	1.0		5030/8260		12/24	12/24		BL
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	120	%	5030/8260	68-145	12/24	12/24		BL
Toluene-D8	98	%	5030/8260	62-133	12/24	12/24		BL
4-Bromofluorobenzene	103	%	5030/8260	56-135	12/24	12/24		BL
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22		SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-26

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 5  
 Date Sampled: 12/17/2003  
 Time Sampled: 15:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	2.4	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-26

**Sample Description:**

American Beryllium  
 Proj.#: N1075181D

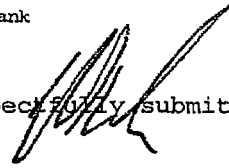
**Analytical Report:** TTMW 5  
 Date Sampled: 12/17/2003  
 Time Sampled: 15:15  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Purgeable Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24		BL
Dilution Factor	1.0		5030/8260		12/24	12/24		BL
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	128	%	5030/8260	68-145	12/24	12/24		BL
Toluene-D8	99	%	5030/8260	62-133	12/24	12/24		BL
4-Bromofluorobenzene	105	%	5030/8260	56-135	12/24	12/24		BL
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22		SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-27

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTMW 6  
 Date Sampled: 12/17/2003  
 Time Sampled: 16:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-27

Sample Description:

American Beryllium  
 Proj.#: N1075181D

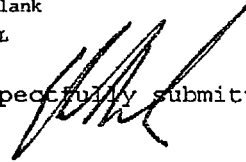
Analytical Report: TTMW 6  
 Date Sampled: 12/17/2003  
 Time Sampled: 16:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons (continued)</b>							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	115	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	91	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	98	%	5030/8260	56-135	12/24	12/24	BL
<b>Metals</b>							
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# 286240                      NC CERT# 444  
 SUB DOH# 86122,86109,886048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,



Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-28

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTDUP 2  
 Date Sampled: 12/17/2003  
 Time Sampled: 00:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Surgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL



Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-28

Sample Description:

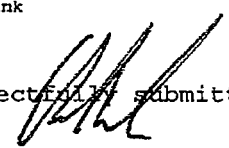
American Beryllium  
 Proj.#: N1075181D

Analytical Report: TTDUP 2  
 Date Sampled: 12/17/2003  
 Time Sampled: 00:00  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.		Analyst
				Limit	Date	Date		
<b>Purgeable Halocarbons (continued)</b>								
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24		BL
Dilution Factor	1.0		5030/8260		12/24	12/24		BL
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	116	%	5030/8260	68-145	12/24	12/24		BL
Toluene-D8	92	%	5030/8260	62-133	12/24	12/24		BL
4-Bromofluorobenzene	96	%	5030/8260	56-135	12/24	12/24		BL
<b>Metals</b>								
Beryllium	BDL	mg/l	3010/6010	0.0040	12/22	12/22		SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NPL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 1 of 2  
 Date: 12/24/2003  
 Log #: L84856-29

Sample Description:

American Beryllium  
 Proj.#: N1075181D

Analytical Report: Trip Blank  
 Date Sampled:  
 Time Sampled:  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<b>Purgeable Halocarbons</b>							
Bromodichloromethane	BDL	ug/l	5030/8260	0.60	12/24	12/24	BL
Bromoform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Bromomethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	50	12/24	12/24	BL
Chloroform	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Chloromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dibromochloromethane	BDL	ug/l	5030/8260	0.40	12/24	12/24	BL
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Trans-1,3-Dichloropropene	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Methylene Chloride	BDL	ug/l	5030/8260	5.0	12/24	12/24	BL
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	0.20	12/24	12/24	BL
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichloroethene	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL

Client #: FTL-94-120138  
 Address: Tetra Tech NUS  
 794 South Military Trail  
 Deerfield Beach, FL 33442  
 Attn: Steve Brashers

Page: Page 2 of 2  
 Date: 12/24/2003  
 Log #: L84856-29

**Sample Description:**

American Beryllium  
 Proj.#: N1075181D

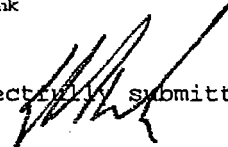
**Analytical Report: Trip Blank**

Date Sampled:  
 Time Sampled:  
 Date Received: 12/18/2003  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
<del>Purgeable Halocarbons</del> (continued)							
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	12/24	12/24	BL
Dilution Factor	1.0		5030/8260		12/24	12/24	BL
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	113	%	5030/8260	68-145	12/24	12/24	BL
Toluene-D8	90	%	5030/8260	62-133	12/24	12/24	BL
4-Bromofluorobenzene	97	%	5030/8260	56-135	12/24	12/24	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.  
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.  
 Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no. free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code  
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol  
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank  
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126                      DOH# E86240                      NC CERT# 444  
 SUB DOH# 86122,86109,E86048      ADEM ID# 40850                      IL CERT# 200020  
 SC CERT# 96031001                  TN CERT# 02985  
 USACE                                  GA CERT# 917  
 VA CERT# 00395                      USDA Soil Permit# S-35240

Respectfully submitted,  
  
 Steve Walton  
 Client Technical Svcs. Manager



TETRA TECH NUS, INC.

12/18/03  
84856/TN2829  
CHAIN OF CUSTODY

NUMBER 3684

PAGE 1 OF 3

PROJECT NO: 11075 (BID)		FACILITY: AMERICAN Beryllium		PROJECT MANAGER Steve Riarben		PHONE NUMBER 954 525 5881		LABORATORY NAME AND CONTACT: RSB Systems														
SAMPLERS (SIGNATURE) 				FIELD OPERATIONS LEADER		PHONE NUMBER		ADDRESS														
STANDARD TAT <input checked="" type="checkbox"/> RUSH TAT <input type="checkbox"/> <input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day						CARRIER/WAYBILL NUMBER		CITY, STATE Boca Raton FL														
DATE YEAR 2003		TIME		SAMPLE ID		LOCATION ID		TOP DEPTH (FT)		BOTTOM DEPTH (FT)		MATRIX (GW, SO, SW, SD, QC, ETC.)		COLLECTION METHOD		No. OF CONTAINERS		CONTAINER TYPE PLASTIC (P) or GLASS (G)		PRESERVATIVE USED		
																		TYPE OF ANALYSIS 8260 BE		CUSTODY SEAL PH CONTROL		
																				COMMENTS		
01	11/16	0935		H MW 175	-	-	-	GW	G	3	X	X										
02	11/16	0950		TL MW 17D	-	-	-	GW	G	3	T	X										
03	11/16	1115		TL MW 15S	-	-	-	GW	G	3	T	T										
04	11/16	1200		TL MW 15D	-	-	-	GW	G	3	T	X										
05	11/16	1305		TL MW 18S	-	-	-	GW	G	3	T	X										
06	11/16	1400		TL MW 18D	-	-	-	GW	G	3	T	X										
07	11/16	1515		TL MW 16S	-	-	-	GW	G	3	T	T										
08	11/16	1605		TL MW 16D	-	-	-	GW	G	3	T	T										
09	11/16	1700		TL MW 14S	-	-	-	GW	G	3	T	T										
10	11/16	1750		TL MW 14D	-	-	-	GW	G	3	T	T										
11	11/16	1850		TL MW 13S	-	-	-	GW	G	3	T	T										
12	11/16	1930		TL MW 13D	-	-	-	GW	G	3	T	T										
13	11/17			H Dupl	-	-	-	GW	G	3	T	T										
1. RELINQUISHED BY				DATE 12/18/03		TIME 1355		1. RECEIVED BY 				DATE 12/18/03		TIME 1357								
2. RELINQUISHED BY				DATE		TIME		2. RECEIVED BY 				DATE 12/18/03		TIME 1445								
3. RELINQUISHED BY				DATE		TIME		3. RECEIVED BY				DATE		TIME								
COMMENTS																						

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TETRA TECH NUS, INC.

84856

CHAIN OF CUSTODY

NUMBER

3708

PAGE 2 OF 3

PROJECT NO: 77025 (810)		FACILITY: American Beryllium		PROJECT MANAGER Steve Robinson		PHONE NUMBER 954 570 5885		LABORATORY NAME AND CONTACT: US Bio System						
SAMPLERS (SIGNATURE) 				FIELD OPERATIONS LEADER		PHONE NUMBER		ADDRESS						
				CARRIER/WAYBILL NUMBER				CITY, STATE Boca Raton FL						
STANDARD TAT <input checked="" type="checkbox"/> RUSH TAT <input type="checkbox"/> <input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day								CONTAINER TYPE PLASTIC (P) or GLASS (G)		PRESERVATIVE USED				
								ALL G H103 R		TYPE OF ANALYSIS B260 B2E				
													COMMENTS	
DATE YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS						
14	4/12 0635	TT m/w 9S	-	-	-	GW	G	3	X	X				
15	4/12 0715	TT m/w 9D	-	-	-	GW	G	3	X	X				
16	4/12 0815	TT m/w 12	-	-	-	GW	G	3	X	X				
17	4/12 0830	TT m/w 10	-	-	-	GW	G	3	X	X				
18	4/12 0835	TT m/w 10	-	-	-	GW	G	3	X	X				
19	4/12 1030	TT m/w 3	-	-	-	GW	G	3	X	X				
20	4/12 1120	TT m/w 7D	-	-	-	GW	G	3	X	X				
21	4/12 1125	TT m/w 7S	-	-	-	GW	G	3	X	X				
22	4/12 1230	TT m/w 8D	-	-	-	GW	G	3	X	X				
23	4/12 1235	TT m/w 8S	-	-	-	GW	G	3	X	X				
24	4/12 1235	TT m/w 11	-	-	-	GW	G	3	X	X				
25	4/12 1405	TT m/w 4	-	-	-	GW	G	3	X	X				
26	4/12 1515	TT m/w 5	-	-	-	GW	G	3	X	X				
1. RELINQUISHED BY				DATE	TIME	1. RECEIVED BY				DATE	TIME			
2. RELINQUISHED BY				DATE	TIME	2. RECEIVED BY				DATE	TIME			
3. RELINQUISHED BY				DATE	TIME	3. RECEIVED BY				DATE	TIME			
COMMENTS														

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FORM NO. TH 01



TETRA TECH NUS, INC. **84856** CHAIN OF CUSTODY

NUMBER **3707**

PAGE **3** OF **3**

PROJECT NO: <b>171075 1310</b>		FACILITY: <b>American Baylham</b>		PROJECT MANAGER <b>Steve Blasben</b>		PHONE NUMBER <b>654 505 5222</b>		LABORATORY NAME AND CONTACT: <b>US BioSystems</b>							
SAMPLERS (SIGNATURE) 				FIELD OPERATIONS LEADER				PHONE NUMBER		ADDRESS					
CARRIER/WAYBILL NUMBER								CITY, STATE <b>Bay Breeze FL</b>							
STANDARD TAT <input checked="" type="checkbox"/> RUSH TAT <input type="checkbox"/> <input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day				CONTAINER TYPE PLASTIC (P) or GLASS (G)		PRESERVATIVE USED		<div style="text-align: center;"> <p><b>TYPE OF ANALYSIS</b></p> <p><b>BZG</b></p> <p><b>DF</b></p> </div>							
DATE YEAR <b>2003</b>				TOP DEPTH (FT)		BOTTOM DEPTH (FT)						MATRIX (GW, SO, SW, SD, QC, ETC.)		COLLECTION METHOD	
TIME		SAMPLE ID		LOCATION ID		No. OF CONTAINERS		COMMENTS							
<b>27</b>	<b>4/17</b>	<b>1600</b>	<b>TT mgw 6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>6</b>	<b>3</b>	<b>X</b>	<b>X</b>	<b>② VCHD</b>			
<b>28</b>	<b>4/17</b>		<b>TT DUP 2</b>				<b>6</b>	<b>6</b>	<b>3</b>	<b>X</b>	<b>X</b>	<b>↓</b>			
<b>29</b>			<b>Tr. P B blank</b>				<b>DF</b>		<b>2</b>			<b>③</b>			
1. RELINQUISHED BY				DATE <b>12/14/03</b>		TIME <b>1355</b>		1. RECEIVED BY				DATE <b>2/11/03</b>		TIME <b>1355</b>	
2. RELINQUISHED BY				DATE		TIME		2. RECEIVED BY				DATE <b>12/18/03</b>		TIME <b>1425</b>	
3. RELINQUISHED BY				DATE		TIME		3. RECEIVED BY				DATE		TIME	
COMMENTS															

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