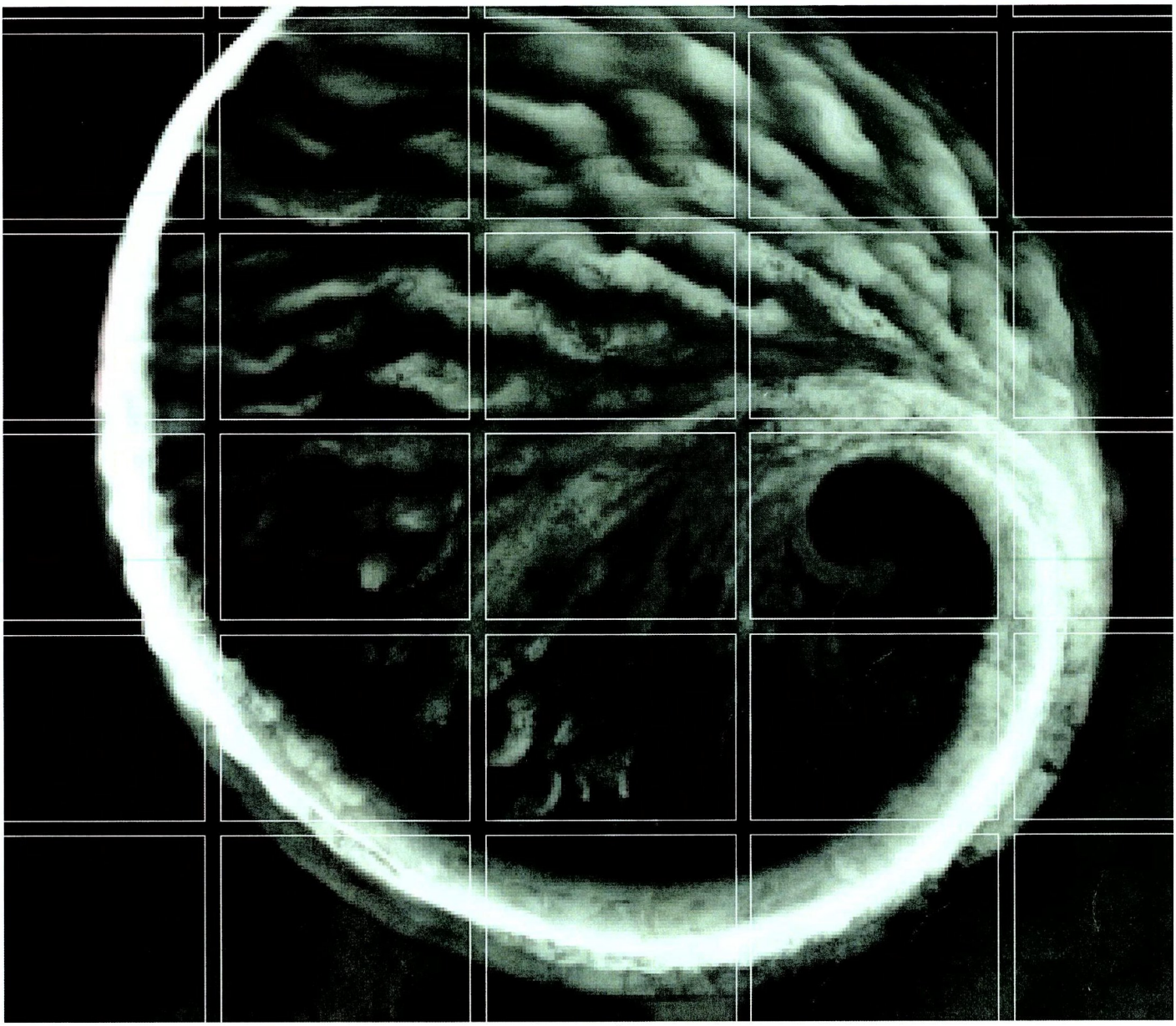

2013 Annual Ground Water Monitoring Report

French Limited Superfund Site
French Limited Task Group
Crosby, Texas

July 2, 2013

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French Limited Task Group

2013 Annual Ground Water Monitoring Report: *French Limited Superfund Site*

July 2, 2013

Project No. 0184582
Crosby, Texas

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TABLE OF CONTENTS

1.0	*INTRODUCTION*		*1*
	1.1	*BACKGROUND*	*1*
	1.2	*GROUND WATER MONITORING PROGRAM*	*2*
2.0	*FIELD ACTIVITIES*		*4*
	2.1	*COLLECTION OF GROUND WATER LEVEL MEASUREMENTS*	*4*
	2.2	*COLLECTION OF GROUND WATER SAMPLES*	*4*
3.0	*EVALUATION OF GROUND WATER RESULTS*		*5*
	3.1	*GROUND WATER FLOW DIRECTION AND GRADIENT*	*5*
		3.1.1 S1 Unit	*5*
		3.1.2 INT Unit	*5*
		3.1.3 Gradient Across the Sheet Pile Wall	*6*
	3.2	*GROUND WATER SAMPLING RESULTS*	*6*
		3.2.1 East Plume Area	*7*
		3.2.2 Central Plume Area	*8*
		3.2.3 West Plume Area	*8*
	3.3	*REVIEW OF HISTORICAL CONCENTRATION DATA*	*9*
		3.3.1 East Plume Area	*9*
		3.3.2 Central Plume Area	*10*
		3.3.3 West Plume Area	*10*
	3.4	*REVIEW OF QUALITY ASSURANCE/QUALITY CONTROL DATA*	*10*
4.0	*CONCLUSIONS AND RECOMMENDATIONS*		*11*
5.0	*REFERENCES*		*12*

APPENDICES

A	*LABORATORY ANALYTICAL REPORTS*
B	*TIME VS. CONCENTRATION GRAPHS FOR SELECTED WELLS*

TABLE OF CONTENTS (Cont'd)

List of Tables

2-1 Sampling and Analysis Program

3-1 Ground Water and Surface Water Elevation Data Collected March 8, 2013
3-2 Summary of COC Detections and Regulatory Limit Exceedances
3-3 Summary of Reported Ground Water Results for the East Slough Area
3-4 Summary of Reported Ground Water Results for the Central Plume Area
3-5 Summary of Reported Ground Water Results for the West Plume Area
3-6 Summary of Quality Assurance/Quality Control Samples for March 2013

List of Figures

1-1 Site Location Map
1-2 Site Layout Map

3-1 2013 S1 Ground Water Potentiometric Surface Map
3-2 2013 INT Ground Water Potentiometric Surface Map
3-3 Benzene in Ground Water - S1 Unit
3-4 1, 2-Dichloroethane in Ground Water - S1 Unit
3-5 Vinyl Chloride in Ground Water - S1 Unit
3-6 Tertiary-Butyl Alcohol in Ground Water - S1 Unit
3-7 Benzene in Ground Water - INT Unit
3-8 1, 2-Dichloroethane in Ground Water - INT Unit
3-9 Vinyl Chloride in Ground Water - INT Unit
3-10 Tertiary-Butyl Alcohol in Ground Water - INT Unit

1.0 *INTRODUCTION*

This annual ground water monitoring report provides the results of a site-wide ground water monitoring event completed at the French Limited Superfund Site (the site) in Crosby, Texas (Figure 1-1). The scope and procedures used to complete the monitoring event were consistent with the January 1996 *Site Closure Plan* (Southwestern Environmental Consulting, Inc. [SEC] 1996). The report documents field activities performed in March 2013 at the site by Environmental Resources Management (ERM) including the collection of fluid level measurements and ground water samples for analysis of the constituents of concern (COCs). The objectives of the report are to:

- Evaluate potentiometric surface patterns and gradients;
- Characterize COC concentrations in the two uppermost water-bearing units (the S1 and INT);
- Compare the results with the Remedial Action Objectives (RAOs) for ground water; and
- Evaluate the trends in concentration over time to provide a basis for assessing the progress made toward closure.

1.1 *BACKGROUND*

The site was used as a sand quarry in the 1950s and 1960s, which resulted in the formation of an 11-acre sand pit. The company that owned the site was permitted by the Texas Water Commission to accept industrial waste material from 1966 until 1971. During that period, it received an estimated 90 million gallons of chemical waste, transforming the sand pit into a waste lagoon.

The U.S. Environmental Protection Agency (USEPA) placed the site on the National Priorities List (NPL) in 1982, and designated it for remedial action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The French Limited Task Group (FLTG) was formed in 1983 to manage the remediation program on behalf of the Potentially Responsible Parties (PRPs). Remedial investigations and feasibility studies were completed between 1984 and 1986. USEPA issued a Record of Decision (ROD) in 1988.

A steel sheet pile wall (SPW) was installed around the lagoon in September and October 1989, as required by the Administrative Order for the site (CRCLA-VI-13-89). The purpose of the wall was to provide flood protection, because the lagoon had been flooded several times during the remedial investigations, and to contain the site for biotreatment of affected sediments and surface water within the wall during 1992 to 1996. DNAPL occurrence at INT-11 (a monitor well located outside of the original SPW) and concern about potential constituent migration were reasons for completion of an additional wall segment around that area, which is adjacent to the former Lagoon and north of Gulf Pump Road (Figure 1-2). The additional wall section was installed in August 1995. The SPWs extend to depths of approximately 50-60 ft, depending upon location.

Ground water occurs within a succession of ground water-bearing units (GWBUs), consisting of silt to medium sand, at increasing depths below ground surface (bgs). Previous studies have defined two shallow water-bearing units that have been affected by VOCs, referred to as the S1 and INT units, which are separated by a discontinuous clay unit known as the C1. The S1 consists of well-sorted medium sand having a hydraulic conductivity of 3-30 ft/day (10^{-3} to 10^{-2} cm/s). It occurs at depths between 9 – 26 ft bgs. The INT consists of silt to very fine sand and has variable hydraulic conductivity. As a result, ground water samples tend to represent discrete intervals within the INT zone. The INT occurs below the S1 and intervening C1 clay at depths between 31 – 51 ft bgs.

The C1 clay is a discontinuous aquitard occurring between the S1 and INT units that is absent in several portions of the site that are underlain by affected ground water. The INT is underlain by a thick clay interval, referred to as the C2 unit, which in turn overlies the unaffected S2 (silty sand) unit. The S2, also referred to in early reports as the Lower Silty Sand (LSS), occurs at a depth of approximately 125 ft bgs (AHA 1989). The potentiometric surfaces of the S1 and INT, which are within 1-2 ft of each other in the central and eastern portion of the site, are separated by a vertical interval of approximately 75 ft from the potentiometric surface of the S2. The wide separation demonstrates the confining characteristics of the C2 unit.

On the outside of the SPW, ground water affected by VOCs is present within the S1 and INT units. Ground water treatment via pump-and-treat remediation and in-situ bioremediation, implemented through injection of oxygen- and nutrient-enriched water, was performed from January 1992 through December 1995. At the end of that period, it was believed that the RAOs for ground water could be attained within 10 years (by 2005) via natural attenuation. A modeling study was submitted to USEPA to demonstrate the efficacy of this proposed remedy (AHA 1995). The MNA remediation described in the ROD was implemented after active remediation was terminated in December 1995 and continued until the present.

During March through June 1998, oxygen injection was used to enhance biodegradation in selected areas where persistent constituents of concern (COCs) were detected in monitoring data. This activity was documented by an August 4, 1998 letter to USEPA. Localized elevated dissolved oxygen concentrations were noted within a few days to a few weeks after oxygen addition at wells approximately 30 to 75 ft from the injection points. Since June 1998, non-augmented natural attenuation alone has been applied for ground water remediation.

1.2 *GROUND WATER MONITORING PROGRAM*

Section 12 of the *Site Closure Plan* describes a monitoring program for the site consisting of an initial 10-year period of Aquifer Progress Monitoring (1996 through 2005) followed by a 20 year period of Compliance Monitoring (2006

through 2025). Progress Monitoring Wells (PRW) included a list of 29 monitor wells (Table 12.1 of SEC [1996]), which have been supplemented by one additional well to total 30 wells. The Compliance Monitoring Wells (CMWs) include a smaller list of 15 wells (Table 12.2 of SEC [1996]), which comprises a subset of the PMWs.

As described in AHI (2005), the RAOs were not met within the two water-bearing zones by the end of the 10 year Progress Monitoring Period. Nevertheless, the reported concentrations were generally found to be stable or fluctuating within historical ranges. The fact that cleanup goals were not met led to the re-evaluation of the proposed ground water remedy. The FLTG proposed alternate remedies in a *Supplemental Feasibility Study* that was submitted to USEPA on September 29, 2010. A *Response to Comments*, dated August 26, 2011, was prepared to address comments raised by EPA during their review. The EPA approved the *Supplemental Feasibility Study* on June 27, 2012.

2.0 *FIELD ACTIVITIES*

The field activities associated with ground water monitoring in 2013 consisted of gauging ground water levels and collecting ground water samples from the monitor well network on March 11 through March 13, 2013. A total of 102 monitor wells were gauged and 93 were sampled for analysis of COCs. Eleven wells in the West Plume Area were also sampled for metals, pursuant to the Site Closure Plan.

2.1 *COLLECTION OF GROUND WATER LEVEL MEASUREMENTS*

Ground water levels were measured on March 8, 2013, prior to commencing ground water sampling. Table 2-1 provides a list of wells that were gauged. The measurements were recorded using electronic water level meters. Each device was decontaminated between wells.

2.2 *COLLECTION OF GROUND WATER SAMPLES*

The monitor wells were purged and sampled using the low-flow purge method, following procedures specified in Section 12.3.4.2 of the *Site Closure Plan*. A peristaltic pump was attached to the dedicated tubing at each well and two tubing volumes were purged at approximately 300 mL/minute. Stabilization of pH, dissolved oxygen, and conductivity was generally achieved over two readings with less than 10 percent (%) difference between readings. Samples were collected at a flow rate of approximately 100 mL/minute.

The ground water samples were placed in laboratory-supplied containers with the appropriate preservatives (as needed), stored on ice, and shipped to Environmental Chemistry, Inc. of Houston, Texas, for analysis. The ground water samples were analyzed for the following (as summarized on Table 2-1):

- Volatile Organic Constituents (VOCs) - Target Compound List (TCL; SW-846 8260); and
- Arsenic, Chromium and Lead (SW-846 6010).

Decontamination water and purge water from sampling activities was collected in five-gallon buckets and transferred to the purge water sump located within the former lagoon area. This procedure is consistent with the Site Closure Plan guidelines for managing investigation-derived waste at the site.

3.0 *EVALUATION OF GROUND WATER RESULTS*

This section describes the results of the ground water monitoring event for each of the three areas of concern: East Plume Area, Central Plume Area, and West Plume Area. Previous reports have referred to the Gulf Pump Road South Area and the S1-123/INT-130R Area. These were contiguous areas on the north and south sides of Gulf Pump Road, respectively. For clarity of description in this report and in future ground water monitoring reports, these two areas of concern have been combined and collectively referred to as the Central Plume Area.

3.1 *GROUND WATER FLOW DIRECTION AND GRADIENT*

Maps showing ground water elevations and inferred ground water flow directions for the S1 and INT units are presented in Figures 3-1 and 3-2. Ground water and surface water measurements and elevation data collected on March 8, 2013 are summarized on Table 3-1.

3.1.1 *S1 Unit*

A review of the ground water elevation data reported in Table 3-1 and Figure 3-1 indicates that ground water elevations in the S1 ranged from 6.71 ft above Mean Sea Level (ft MSL) at S1-119, south of the Former French Lagoon within the SPW in the Central Plume Area to 10.28 ft MSL at S1-111 north of the South Pond in the West Plume Area. The ground water flow directions were generally outward away from the South Pond south of Gulf Pump Road and variable near surface water bodies (East Pond and East Slough) on the eastern margin of the area.

The ground water gradients range from essentially zero in the vicinity of the South Pond and the northern portion of the Former Harris County Landfill to a maximum of 0.01 ft/ft on the west flank of the East Pond (between S1-147 and FLTG-14). In the Central Plume Area, the gradient is easterly at approximately 0.003 ft/ft (between S1-144 and S1-140). Ground water flow directions are variable, depending upon location, and are influenced by presence of surface water bodies and variations in topography.

3.1.2 *INT Unit*

The potentiometric surface elevations in the INT range from a low of 3.72 ft MSL at INT-144 in the far West Plume Area to a maximum of 11.54 ft MSL at INT-127 in the western portion of the Central Plume Area within Gulf Pump Road (Figure 3-2 and Table 3-1). The ground water flow direction is highly variable with the South Pond area acting as a high point from which the ground water flows to the west, south, and east.

Ground water gradients across the site are also variable. They range from 0.003 ft/ft in the Central Plume Area (between INT-261 and INT-262) to 0.008 ft/ft west of the South Pond (INT-149 to INT-253), where the gradient steepens toward the southwest.

These observations are consistent with flow directions and gradients that have been previously reported for the site during non-drought conditions.

The South Pond, a former S1 sand pit, forms a ground water discharge zone due to evapotranspiration most of the time and briefly serves as a recharge zone when storm water accumulation increases the pool elevation above the S1. It has a stabilizing influence on ground water elevations in its vicinity in both water-bearing units. The INT potentiometric surface is characterized by small westerly and easterly gradients east of the South Pond, trending toward the nearest surface water body. West of the South Pond, the gradient steepens toward the west-southwest in the northern part of the former Harris County landfill, extending to INT-144 in the northern portion of the Riverdale Subdivision.

The cause of the steepening westerly gradient is unknown. ERM has reviewed a hydrogeological report (AHA 1989) for the site that described a substantial downward gradient through the C2 (clay and silt interval underlying the INT) into the S2 and underlying sands comprising the Chicot Aquifer. The Chicot Aquifer is affected by large-scale regional drawdown beneath the greater Houston area. The eastern flank of the Chicot drawdown occurs under eastern Harris County, including the area where the site is located (Kasmarek and Houston 2008). This, or another unknown hydrogeological condition, could explain the increased westward gradient in the INT in the western portion of the site.

3.1.3 *Gradient Across the Sheet Pile Wall*

Three pairs of S1 monitor wells are located on both sides of, and in close proximity to, the SPW surrounding the former lagoon. These wells were originally installed to evaluate ground water elevation gradients across the wall and are included in the ground water monitoring program, pursuant to the *Site Closure Plan*. The well pairs are P-6/P-5; S1-119/S1-121; and S1-126/S1-64. The first-listed well of each pair is located inside the SPW; the second is located outside the wall. Differences (inside – outside) in ground water elevations, which are shown on Figure 3-1, are -3.05, -2.83, and -1.65 ft, respectively, yielding an average ground water elevation that is 2.51 ft higher on the outside than the inside of the wall. The ground water elevation differences demonstrate that the SPW presents a barrier to ground water flow.

3.2 *GROUND WATER SAMPLING RESULTS*

Ground water sample analytical results for VOCs and metals (for the West Plume Area only) are summarized in Tables 3-2 through 3-7. Table 3-2 summarizes results relative to detections and exceedances of the RAOs for the analyzed COCs. Tables 3-3 through 3-5 summarize results for the three individual plume areas. The laboratory analytical reports and chain-of-custody forms for the March 2013 ground water sampling event are provided in Appendix A.

The Analytical results were compared with the RAOs provided by USEPA in a letter to the FLTG dated June 15, 2007. For COCs that were not specified in the June 15, 2007 letter, USEPA Maximum Contaminant Level (MCL) concentrations were used as regulatory limits, if established. For COCs that do not have specified RAO or MCL concentrations, the Texas Commission on Environmental Quality (TCEQ) Texas Risk Reduction Program (TRRP) Tier 1 Protective Concentration Levels (PCLs) for the ground water ingestion pathway were used for comparison

Four COCs have been selected to represent the full list of 23 compounds included in the monitoring program that have been detected in ground water at the site: benzene, 1,2-dichloroethane (1,2-DCA), vinyl chloride (VC), and tertiary-butyl alcohol (TBA). These four constituents were selected for map display of concentration isopleths because they are representative of the different COC classes (i.e. VOCs, chlorinated VOCs, and alcohol) and tend to be the most mobile, persistent and/or concentrated of the COCs. Analytical results for these COCs and interpretations of their distributions are shown on Figures 3-3 through 3-10.

Other volatile organic COCs analyzed include acetone, 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), acetone, carbon tetrachloride (CT), chloroethane, chloroform, cis-1,2-dichlorethene, ethylbenzene (EB), methylene chloride (MC), naphthalene, tert-butyl methyl ether, tetrachloroethene (PCE), toluene, trans-1,2-dichloroethene, trichloroethene (TCE), and total xylenes. Arsenic, chromium and lead were sampled and analyzed in selected monitor wells within the West Plume Area, pursuant to the Site Closure Plan of 1996.

The extent of affected ground water in the three plume areas appears to be consistent with previous ground water monitoring results. The following discussion presents a summary of the reported concentrations for COCs within each of the three designated plume areas.

3.2.1 *East Plume Area*

In the S1 of the East Plume Area, reported in Tables 3-2 and 3-3, benzene and TBA were detected above respective regulatory limit concentrations in eight of the 10 wells sampled. TBA and benzene are the dominant COCs in the East Plume Area. The maximum reported benzene concentration was 0.27 mg/L at S1-162. TBA was detected at a maximum concentration of 130 mg/L in S1-162. VC and 1,2-DCA were reported to be below the regulatory limits and/or the laboratory detection limit for all of the samples collected in the East Plume Area.

The extent of affected ground water in the S1 is depicted in Figures 3-3 through 3-6.

The 1996 *Site Closure Plan* does not require ground water monitoring of the INT in the East Plume Area. A review of previous results for INT-155, which is located near the south end of the East Slough, from July 14, 2000 to August 13,

2004 indicates that TBA was the only COC detected, after analysis for TBA was initiated for a sample collected on August 12, 2002. TBA concentrations ranged from 0.45 to 1.5 mg/L during the period August 2002 to August 2004, below the TBA remedial goal of 2.2 mg/L.

3.2.2 *Central Plume Area*

A review of the results for the S1 presented on Tables 3-2 and 3-4 indicates that the reported concentrations associated with one or more of the analyzed constituents exceeded the regulatory standards in 22 of the 23 ground water samples collected. The most common exceedances included 1,2-DCA, benzene, TBA, and VC. The highest reported concentration of TBA and benzene were reported at S1-147: 33 mg/L and 0.17 mg/L, respectively. The laboratory detection limits for two compounds (1,1-DCE and benzene) reported for S1-123 were reported as exceeding corresponding regulatory limit concentrations, because of required laboratory dilution.

The INT was represented by 17 samples, excluding duplicates and blanks. Twelve of the 17 samples resulted in one or more exceedances of a regulatory limit. Twelve COCs had one or more exceedances, with a maximum of eight exceedances being recorded for benzene. TBA was the most commonly detected COC with ten detections and seven exceedances. Other exceedances were noted for 1,1-Dichloroethene (1), 1,2-DCA (5), CT (1), chloroform (2), cis-1,2-DCE (3), MC (1), PCE (2), trans-1,2-DCE (1), TCE (2), and VC (7).

As shown on Figures 3-3 through 3-10, the four COCs selected for illustration for the S1 and INT are present in excess of regulatory limits in the Central Plume Area. The extent of affected ground water has remained consistent with historical observations. A high density of wells facilitates delineation over a small area for each COC. With the exception of TBA, the plume extents are limited to a small area between the SPW and just south of Gulf Pump Road. The extent of TBA in the S1 includes a slightly larger area toward the east.

3.2.3 *West Plume Area*

The West Plume Area analytical results are reported in Table 3-5. A summary of detections and regulatory limit exceedances is provided in Table 3-2. The West Plume Area is the only one of the three areas in which metals (arsenic, chromium, and lead) were analyzed, pursuant to the 1996 *Site Closure Plan*. The COC list for this area is therefore expanded beyond the list of VOCs analyzed for the other two areas to include a total of 23 COCs. In the West Plume Area, over twice as many INT wells as S1 wells are sampled.

In the S1, benzene, TBA, and arsenic were the only COCs above regulatory limit concentrations in one or more samples. Of the seven wells for which samples were analyzed, five exceeded one or more regulatory limit and Figures 3-3 and 3-6 show smaller benzene and TBA plumes centered on two wells, S1-031 and P-6. Arsenic, which is likely to be detected because of reducing conditions present

in both water-bearing units (discussed in Brown and others, 2010, and Hering and others 2009) is present in three samples (S1-031, S1-111, and S1-135) above the regulatory limit of 0.01 mg/L.

A review of INT results indicates that four COCs (arsenic, benzene, TBA and VC) showed one or more regulatory limit exceedances and that these occurred in 12 of the 20 wells sampled.

The extent of affected ground water in the INT is illustrated in Figures 3-7 through 3-10 for benzene, 1,2-DCA, VC, and TBA, respectively. Benzene affected ground water was detected in three small areas: one adjacent to the 1995 SPW and two small areas centered on INT-101 and INT-253. 1,2-DCA was not detected in the West Plume Area. VC was detected in samples from wells on the east and west margins of the closed Harris County Landfill. TBA concentrations were detected in the vicinity of the SPW.

3.3 *REVIEW OF HISTORICAL CONCENTRATION DATA*

Concentration changes over time were reviewed to assess plume stability and natural attenuation effectiveness. To assist in the evaluation of historical concentrations, time versus trend graphs were prepared for the list of PMWs listed in Table 12.1 of SEC (1996), plus an additional well, S1-106R, that was added to the PRW list by the FLTG.

Concentration graphs were updated for the monitor wells and COCs over the period of time for which data were available. For many of the wells, the available data extended back to the 2002 – 2004 timeframe. For the purpose of this report, the evaluation of the concentration trends is focused to the last five years, from 2008 to 2013. The concentration graphs are included in Appendix B.

The following discussion addresses each area individually and notes the trends in concentration, if any, for the four indicator constituents, 1, 2-DCA, benzene, TBA, and VC, that were selected as representative of the complete list of COCs.

3.3.1 *East Plume Area*

A total of 10 wells were analyzed for the S1 in the East Plume Area. This area is characterized by a predominance of benzene and TBA at stable or declining concentrations. A review of the reported benzene concentrations showed decreasing trends in one well (S1-139) and mostly stable concentrations in nine wells. For TBA, the S1 graphs show stable or decreasing concentrations in eight of the 10 wells. S1-136 and S1-105 show increasing concentrations of TBA for the last two sampling events, since 2011. The reported TBA concentrations (11 mg/L at S1-136 and 3.5 mg/L at S1-105) exceed the RAO for the 2013 sampling event. This data will be evaluated in future sampling events to determine if these concentrations represent an upward trend. The other analyzed COCs were not detected in a majority of the data.

The INT is currently not monitored by wells in the East Slough Area.

3.3.2 *Central Plume Area*

A total of 23 wells were analyzed for the S1 in the Central Plume Area. Of these, most wells exhibit stable trends for the four graphed COCs. Seventeen wells were found to be stable over time for benzene, 1,2-DCA, and VC and 18 were stable for TBA. Three increasing trends were noted for TBA (FLTG-014, S1-123, and S1-159). All four COCs showed increasing trends at S1-123. The remaining wells and COCs showed decreasing trends or were consistently below detection limits.

The INT in the Central Plume Area is represented by 17 wells in Appendix B. Most concentration trends were stable with slight upward and downward shifts from steady trend lines. No sustained increasing trends were apparent in the review. Up to four wells showed declining trends for TBA. As many as 10 wells reported concentrations of 1,2-DCA and VC consistently below the detection limits.

3.3.3 *West Plume Area*

In the West Plume Area, the S1 is represented by seven wells and the INT by 20 wells. In the S1, the concentrations of the COCs were reported to be below the RAOs with the exception TBA in well P-5 and benzene in well S1-031.

The INT graphs generally show stable to decreasing trends throughout the West Plum Area. Of the 20 INT wells, the concentrations of the COCs were reported to be below the RAOs with the exception TBA in five wells and benzene in four wells.

3.4 *REVIEW OF QUALITY ASSURANCE/QUALITY CONTROL DATA*

The Quality Assurance/Quality Control (QA/QC) sample results are summarized on Table 3-6. A review of the QA/QC sample results leads to the following conclusions:

- The table shows that no constituents were reported above the laboratory limit in the field blank and trip blank samples. The data are suitable for the intended use.
- Duplicate sample results are very close to matching sample results and are within an acceptable range of error.
- Matrix spike and matrix spike duplicate concentrations are within an acceptable range of error.

4.0 *CONCLUSIONS AND RECOMMENDATIONS*

Ground water monitoring was conducted at the site during March 11 through March 13, 2013, in continuation of the Progress Monitoring program described in SEC (1996). The following conclusions can be drawn from the data presented in this report:

- The direction of ground water flow measured in the S1 during first quarter 2013 is generally away from topographic high areas toward perennial surface water bodies, in particular the East Slough and South Pond. Gradients are slight and vary most where topography and surface water bodies influence recharge and discharge.
- The direction of ground water flow in the INT is generally away from the South Pond toward the west, south, and east. The magnitude of the gradient ranges from 0.003 to 0.008 ft/ft.
- The distribution of affected ground water is consistent with previous results. The highest concentrations are located in close proximity to the former lagoon and SPW and decrease rapidly with distance away from the former Lagoon.
- A review of the COC concentration trends indicates no apparent evidence of plume migration or expansion and, in most areas; the plumes are stable or declining.
- A review of the QA/QC results indicates that the data are suitable for the intended use.
- The next ground water monitoring event will take place in the first quarter of 2014, and will include gauging and sampling in a manner consistent with the approach used in this report and described in the Site Closure Plan.

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Tables

July 2, 2013
Project No. 0184582

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TABLE 2-1

Sampling and Analysis Program

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well/Sample#	Sampling Plan	Gauge	VOC	Metals
East Plume Area					
S1	S1-064	VOC Only	X	X	
	S1-105	VOC Only	X	X	
	S1-126	No Analysis	X		
	S1-131	VOC	X	X	
	S1-136	VOC	X	X	
	S1-136-MS	VOC		X	
	S1-136-MSD	VOC		X	
	S1-138	VOC Only	X	X	
	S1-139	VOC Only	X	X	
	S1-160	VOC Only	X	X	
	S1-161	VOC Only	X	X	
	S1-162	VOC Only	X	X	
	S1-163	No Analysis	X		
	S1-165	VOC Only	X	X	
INT	INT-155	No Analysis	X		
Central Plume Area					
S1	FLTG-014	VOC	X	X	
	S1-106A	VOC	X	X	
	S1-106A-MS	VOC		X	
	S1-106A-MSD	VOC		X	
	S1-106R	VOC	X	X	
	S1-108A	VOC	X	X	
	S1-119	No Analysis	X		
	S1-121	VOC	X	X	
	S1-123	VOC	X	X	
	S1-140	No Analysis	X		
	S1-141	No Analysis	X		
	S1-142	VOC Only	X	X	
	S1-143	VOC	X	X	
	S1-144	VOC Only	X	X	
	S1-145	VOC Only	X	X	
	S1-146	VOC Only	X	X	
	S1-147	VOC Only	X	X	
	S1-148	VOC Only	X	X	
	S1-149	VOC Only	X	X	
	S1-153	VOC Only	X	X	
	S1-154	VOC Only	X	X	
	S1-155	VOC Only	X	X	
	S1-159	VOC Only	X	X	
	S1-164	VOC Only	X	X	
	S1-166	VOC Only	X	X	
	S1-167	VOC Only	X	X	
	S1-168	VOC Only	X	X	

NOTES

VOC = Volatile Organic Constituents
TOC = Total Organic Carbon
MW = Monitor Well, VOC = Volatile Organic Compounds, MS = Matrix Spike, MSD = Matrix Spike Duplicate
Gauge = Monitor Well should be gauged for fluid level
Metals included total arsenic, total chromium, and total lead
Gauging performed on February 24, 2011 Sampling was conducted during February 24 - March 3, 2011

TABLE 2-1 (Cont'd)

Sampling and Analysis Program

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well/Sample#	Sampling Plan	Gauge	VOC	Metals
Central Plume Area (cont'd)					
S1	S1-168 Dup	VOC Only		X	
	S1-168-MS	VOC Only		X	
	S1-168-MSD	VOC Only		X	
	S1-169	VOC Only	X	X	
INT	FLTG-013	VOC	X	X	
	INT-060-P-3	VOC	X	X	
	INT-106	VOC	X	X	
	INT-108	VOC	X	X	
	INT-120	VOC	X	X	
	INT-123	VOC	X	X	
	INT-127	VOC	X	X	
	INT-152	No Analysis	X		
	INT-153	No Analysis	X		
	INT-154	VOC Only	X	X	
	INT-166	VOC Only	X	X	
	INT-167	VOC Only	X	X	
	INT-168	No Analysis	X		
	INT-169	VOC Only	X	X	
	INT-169 Dup	VOC Only		X	
	INT-170	No Analysis	X		
	INT-235	VOC Only	X	X	
	INT-239	VOC Only	X	X	
	INT-259	VOC Only	X	X	
	INT-260	VOC Only	X	X	
	INT-261	VOC Only	X	X	
	INT-262	VOC Only	X	X	
South Pond, South Area					
S1	CMC-2	No Analysis	X		
	S1-157	No Analysis	X		
	S1-158	No Analysis	X		
INT	INT-156	No Analysis	X		
	INT-255	No Analysis	X		
	INT-256	No Analysis	X		
	INT-257	No Analysis	X		
	INT-258	No Analysis	X		
West Plume Area					
S1	P-5	VOC	X	X	
	P-6	No Analysis	X		
	S1-031	VOC, Metals	X	X	X
	S1-033	VOC, Metals	X	X	X
	S1-051-P-3	VOC	X	X	
	S1-111	VOC, Metals	X	X	X
	S1-116	No Analysis	X		
	S1-118	VOC, Metals	X	X	X
	S1-135	VOC, Metals	X	X	X

NOTES

VOC = Volatile Organic Constituents
TOC = Total Organic Carbon
MW = Monitor Well, VOC = Volatile Organic Compounds, MS = Matrix Spike, MSD = Matrix Spike Duplicate
Gauge = Monitor Well should be gauged for fluid level
Metals included total arsenic, total chromium, and total lead
Gauging performed on February 24, 2011 Sampling was conducted during February 24 - March 3, 2011

TABLE 2-1 (Cont'd)

Sampling and Analysis Program

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well/Sample#	Sampling Plan	Gauge	VOC	Metals
West Plume Area (cont'd)					
S1	S1-135-Dup			X	X
	S1-135-MS			X	
	S1-135-MSD			X	
INT	INT-022	VOC	X	X	
	INT-022-Dup	VOC		X	
	INT-026	VOC	X	X	
	INT-059-P-2	VOC, Metals	X	X	X
	INT-101	VOC, Metals	X	X	X
	INT-116	No Analysis	X		
	INT-118	VOC, Metals	X	X	X
	INT-134	VOC	X	X	
	INT-135	VOC, Metals	X	X	X
	INT-144	VOC, Metals	X	X	X
	INT-147	No Analysis	X		
	INT-148	No Analysis	X		
	INT-149	No Analysis	X		
	INT-150	VOC Only	X	X	
	INT-151	No Analysis	X		
	INT-161	VOC Only	X	X	
	INT-162	VOC Only	X	X	
	INT-163	VOC Only	X	X	
	INT-214	VOC	X	X	
	INT-217	VOC	X	X	
	INT-233	VOC	X	X	
	INT-250	VOC Only	X	X	
	INT-251	VOC	X	X	
	INT-252	VOC Only	X	X	
	INT-253	VOC Only	X	X	
	INT-254	VOC Only	X	X	
QA/QC Samples					
	FB-1	Field Blank		X	
	FB-2	Field Blank		X	
	TB-1	Trip Blank		X	
	TB-2	Trip Blank		X	
Subtotals	**120**		**108**	**95**	**13**

NOTES:

VOC = Volatile Organic Constituents
TOC = Total Organic Carbon
MW = Monitor Well, VOC = Volatile Organic Compounds, MS = Matrix Spike, MSD = Matrix Spike Duplicate
Gauge = Monitor Well should be gauged for fluid level
Metals included total arsenic, total chromium, and total lead
Gauging performed on February 24, 2011. Sampling was conducted during February 24 - March 3, 2011

TABLE 3-1

Ground Water and Surface Water Elevation Data Collected March 8, 2013

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well ID	Notes	TOC Elevation (Ft MSL)	Depth/Height to Water (Ft BTOC)	Ground Water Elevation (Ft MSL)
Surface Water					
	East Slough		0	--	8 69
	South Pond		13 63	3.51	10 12
CENTRAL PLUME AREA					
S1 Wells	FLTG-014		11 51	3 78	7 73
	S1-106A		11 92	1 78	10 14
	S1-106R		15 47	6 06	9 41
	S1-108A		14 24	4 04	10 20
	S1-119	(a)	18 49	11 78	6 71
	S1-121	(b)	17 84	8 30	9 54
	S1-123		10 68	1 29	9 39
	S1-140		14 33	4 14	10 19
	S1-141		15 24	5 51	9 73
	S1-142		14 88	6 43	8 45
	S1-143		16 14	6 78	9.36
	S1-144		14 22	4 63	9 59
	S1-145		14.15	4 89	9 26
	S1-146		14 24	4 74	9 50
	S1-147		13 60	5.05	8 55
	S1-148		15 23	5.92	9 31
	S1-149		11 54	2 19	9 35
	S1-153		11 37	2 08	9 29
	S1-154		11 19	1 54	9 65
	S1-155		11 23	1 75	9 48
	S1-157		13 64	5 23	8 41
	S1-159		16 84	NM	---
	S1-164		17 45	NM	---
	S1-166		14 17	5 76	8 41
	S1-167		14 57	6 02	8 55
	S1-168		14 68	5 25	9 43
	S1-169		14 48	4 80	9 68
INT Wells	FLTG-013		11 81	3 56	8 25
	INT-060-P-3		14 68	4 66	10 02
	INT-106		11 79	1.99	9 80
	INT-108		13 52	3 38	10 14
	INT-120		17 58	7 67	9 91
	INT-123		18 09	8 44	9.65
	INT-127		11 57	0 03	11 54
	INT-152		12 64	2 66	9 98
	INT-153		14 82	4 77	10 05
	INT-154		14 73	5 31	9 42
	INT-156		11 84	1 67	10 17
	INT-166		16 96	7 04	9 92
	INT-167		15 55	6 04	9 51
	INT-168		15 04	4 42	10 62
	INT-169		15 03	6 11	8 92
	INT-170		14 24	4 89	9 35
	INT-235		11 37	2 36	9 01
	INT-239		17.51	8 20	9 31
	INT-256		13 84	4 92	8 92
	INT-257		19 22	10 15	9 07
	INT-259		14 06	5 48	8 58
	INT-260		14 66	5 25	9 41
	INT-261		15 32	5 44	9 88
	INT-262		16 00	6 97	9 03

NOTES

Ft MSL = Feet Mean Sea Level
Ft BTOC = Beet Below Top of Casing
(a) Well/piezometer located inside sheet pile wall
(b) Well/piezometer located outside sheet pile wall

TABLE 3-1 (Cont'd)

Ground Water and Surface Water Elevation Data Collected March 8, 2013

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well ID	Notes	TOC Elevation (Ft MSL)	Depth/Height to Water (Ft BTOC)	Ground Water Elevation (Ft MSL)
EAST PLUME AREA					
S1 Wells	S1-064	(b)	14 61	6 23	8.38
	S1-105		11 91	3 01	8.90
	S1-126	(a)	14.75	8 02	6.73
	S1-131		15 60	7 19	8.41
	S1-136		14 92	6 81	8.11
	S1-138		14 95	6 55	8 40
	S1-139		16 04	7 60	8 44
	S1-160		16 34	7 98	8 36
	S1-161		13 74	5 03	8.71
	S1-162		13 19	4 80	8 39
	S1-163		17 68	9 05	8 63
	S1-165		13 48	5 10	8 38
INT Well	INT-155		14 76	7 62	7 14
West Plume Area					
S1 Wells	P-5	(b)	17 85	7 63	10 22
	P-6	(a)	18 45	11 28	7 17
	S1-031		16 48	6 42	10 06
	S1-033		12 78	2 59	10 19
	S1-051-P-3		12 22	1 97	10 25
	S1-111		12 30	2 02	10 28
	S1-118		18 92	10 53	8 39
	S1-135		18 02	7.82	10 20
INT Wells	INT-022		14 27	4.51	9 76
	INT-026		12 33	1.96	10 37
	INT-059-P-2		15 50	4.72	10 78
	INT-101		13 15	5 08	8 07
	INT-118		19 58	11 74	7 84
	INT-134		17 04	10 42	6 62
	INT-135		18 02	11 63	6 39
	INT-144		18 89	15 17	3 72
	INT-147		14 46	5 14	9.32
	INT-148		15 54	9 08	6 46
	INT-149		19 52	14 05	5 47
	INT-150		13 36	3 38	9 98
	INT-151		12 92	3 07	9 85
	INT-160		15 66	NM	---
	INT-214		11 93	2 30	9 63
	INT-217		11 13	2 38	8 75
	INT-233		15 38	5 41	9 97
	INT-250		13 55	3 49	10 06
	INT-251		14 22	4 06	10 16
	INT-252		13 87	4 45	9 42
	INT-253		20 50	12 20	8.30
	INT-254		18 38	12 12	6.26
	INT-255		16 75	12 47	4.28
	INT-258		10 60	4 97	5 63

NOTES·

Ft MSL = Feet Mean Sea Level
Ft BTOC = Beet Below Top of Casing
(a) Well/piezometer located inside sheet pile wall.
(b) Well/piezometer located outside sheet pile wall

Texas Registered Engineering Firm F-2393

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TABLE 3-1

Ground Water and Surface Water Elevation Data Collected March 8, 2013

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well ID	Notes	TOC Elevation (Ft MSL)	Depth/Height to Water (Ft BTOC)	Ground Water Elevation (Ft MSL)
Surface Water					
	East Slough		0	--	8 69
	South Pond		13 63	3 51	10 12
CENTRAL PLUME AREA					
S1 Wells	FLTG-014		11 51	3 78	7 73
	S1-106A		11 92	1 78	10 14
	S1-106R		15 47	6 06	9 41
	S1-108A		14 24	4 04	10 20
	S1-119	(a)	18 49	11 78	6 71
	S1-121	(b)	17 84	8.30	9 54
	S1-123		10 68	1.29	9 39
	S1-140		14 33	4 14	10 19
	S1-141		15 24	5 51	9 73
	S1-142		14 88	6.43	8.45
	S1-143		16 14	6 78	9 36
	S1-144		14 22	4 63	9 59
	S1-145		14 15	4 89	9 26
	S1-146		14 24	4 74	9 50
	S1-147		13 60	5 05	8 55
	S1-148		15 23	5 92	9 31
	S1-149		11 54	2 19	9 35
	S1-153		11 37	2.08	9 29
	S1-154		11 19	1 54	9 65
	S1-155		11 23	1 75	9 48
	S1-157		13 64	5 23	8 41
	S1-159		16 84	NM	---
	S1-164		17 45	NM	---
	S1-166		14 17	5 76	8.41
	S1-167		14 57	6 02	8 55
	S1-168		14 68	5 25	9 43
	S1-169		14 48	4 80	9 68
INT Wells	FLTG-013		11 81	3 56	8 25
	INT-060-P-3		14 68	4 66	10 02
	INT-106		11 79	1 99	9 80
	INT-108		13 52	3 38	10 14
	INT-120		17 58	7 67	9 91
	INT-123		18 09	8 44	9 65
	INT-127		11 57	0 03	11 54
	INT-152		12 64	2 66	9.98
	INT-153		14 82	4 77	10 05
	INT-154		14 73	5 31	9 42
	INT-156		11 84	1 67	10 17
	INT-166		16 96	7 04	9 92
	INT-167		15 55	6 04	9.51
	INT-168		15 04	4 42	10 62
	INT-169		15 03	6 11	8 92
	INT-170		14 24	4 89	9 35
	INT-235		11 37	2 36	9 01
	INT-239		17 51	8 20	9 31
	INT-256		13 84	4 92	8 92
	INT-257		19 22	10 15	9 07
	INT-259		14 06	5 48	8 58
	INT-260		14 66	5 25	9 41
	INT-261		15 32	5 44	9 88
	INT-262		16 00	6 97	9 03

NOTES.

Ft MSL = Feet Mean Sea Level
Ft BTOC = Beet Below Top of Casing
(a) Well/piezometer located inside sheet pile wall
(b) Well/piezometer located outside sheet pile wall

TABLE 3-1 (Cont'd)

Ground Water and Surface Water Elevation Data Collected March 8, 2013

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Project Area & Zone	Well ID	Notes	TOC Elevation (Ft MSL)	Depth/Height to Water (Ft BTOC)	Ground Water Elevation (Ft MSL)
EAST PLUME AREA					
S1 Wells	S1-064	(b)	14 61	6 23	8.38
	S1-105		11 91	3.01	8 90
	S1-126	(a)	14 75	8 02	6 73
	S1-131		15 60	7 19	8 41
	S1-136		14 92	6 81	8 11
	S1-138		14 95	6.55	8 40
	S1-139		16 04	7 60	8 44
	S1-160		16 34	7 98	8 36
	S1-161		13 74	5 03	8 71
	S1-162		13 19	4 80	8 39
	S1-163		17 68	9 05	8 63
	S1-165		13 48	5 10	8 38
INT Well	INT-155		14 76	7 62	7 14
West Plume Area					
S1 Wells	P-5	(b)	17 85	7 63	10 22
	P-6	(a)	18 45	11 28	7 17
	S1-031		16 48	6 42	10 06
	S1-033		12 78	2 59	10 19
	S1-051-P-3		12 22	1 97	10 25
	S1-111		12 30	2 02	10 28
	S1-118		18 92	10 53	8 39
	S1-135		18 02	7 82	10 20
INT Wells	INT-022		14 27	4 51	9 76
	INT-026		12 33	1 96	10 37
	INT-059-P-2		15 50	4 72	10 78
	INT-101		13 15	5 08	8 07
	INT-118		19 58	11 74	7 84
	INT-134		17 04	10 42	6 62
	INT-135		18 02	11 63	6 39
	INT-144		18 89	15 17	3 72
	INT-147		14 46	5 14	9 32
	INT-148		15 54	9 08	6 46
	INT-149		19 52	14 05	5 47
	INT-150		13 36	3 38	9 98
	INT-151		12 92	3 07	9 85
	INT-160		15 66	NM	---
	INT-214		11 93	2 30	9 63
	INT-217		11 13	2 38	8 75
	INT-233		15 38	5 41	9 97
	INT-250		13.55	3 49	10 06
	INT-251		14 22	4 06	10 16
	INT-252		13 87	4 45	9 42
	INT-253		20.50	12 20	8 30
	INT-254		18 38	12 12	6 26
	INT-255		16 75	12 47	4 28
	INT-258		10 60	4 97	5 63

NOTES

Ft MSL = Feet Mean Sea Level
Ft BTOC = Beet Below Top of Casing
(a) Well/piezometer located inside sheet pile wall.
(b) Well/piezometer located outside sheet pile wall

TABLE 3-2

Summary of COC Detections and Regulatory Limit Exceedances

2011 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

			East Plume Area		Central Plume Area				West Plume Area				Detections (All Areas)			Exceedances (All Areas)		
			S1		S1		INT		S1		INT							
Constituent	Regulatory Limit[2]	Note	Detections[7]	Exceedances[5]	Detections[7]	Exceedances[5]	Detections[7]	Exceedances[5]	Detections[7]	Exceedances	Detections[7]	Exceedances[5]	S1	INT	Both	S1	INT	Both
1,1-Dichloroethane	7 3	3	**2**	0 (0)	**12**	0 (0)	**7**	0 (0)	0	0 (0)	**4**	0 (0)	**14**	**11**	**25**	0 (0)	0 (0)	0 (0)
1,1-Dichloroethene	0 007	3	0	0 (2)	**4**	**3 (1)**	**1**	**1 (1)**	0	0 (0)	0	0 (0)	**4**	**1**	**5**	**3 (3)**	**1 (1)**	**4 (4)**
1,2-Dichloroethane	0 005		0	0 (2)	**8**	**8 (0)**	**5**	**5 (0)**	0	0 (0)	0	0 (0)	**8**	**5**	**13**	**8 (2)**	**5 (0)**	**13 (2)**
Acetone	66		0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0	0	0 (0)	0 (0)	0 (0)
Benzene	0 005		**8**	**8 (0)**	**13**	**13 (2)**	**8**	**8 (0)**	**1**	**1 (0)**	**5**	**5 (0)**	**22**	**13**	**35**	**22 (2)**	**13 (0)**	**35 (2)**
Carbon Tetrachloride	0 005		0	0 (2)	**1**	**1 (2)**	**1**	**1 (1)**	0	0 (0)	0	0 (0)	**1**	**1**	**2**	**1 (4)**	**1 (1)**	**2 (5)**
Chloroethane	29	3	0	0 (0)	**3**	0 (0)	0	0 (0)	0	0 (0)	**1**	0 (0)	**3**	**1**	**4**	0 (0)	0 (0)	0 (0)
Chloroform	0 73	3	0	0 (0)	**3**	**2 (0)**	**1**	**1 (0)**	0	0 (0)	0	0 (0)	**3**	**1**	**4**	**2 (0)**	**1 (0)**	**3 (0)**
Cis-1,2-Dichloroethene	0 07		**1**	0 (0)	**9**	**4 (0)**	**7**	**3 (0)**	0	0 (0)	0	0 (0)	**10**	**7**	**17**	**4 (0)**	**3 (0)**	**7 (0)**
Ethylbenzene	0 7		0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0	0	0 (0)	0 (0)	0 (0)
Methylene chloride	0 005		0	0 (2)	**1**	**1 (2)**	**1**	**1 (1)**	0	0 (0)	0	0 (0)	**1**	**1**	**2**	**1 (4)**	**1 (1)**	**2 (5)**
Naphthalene	1 5	3	0	0 (0)	0	0 (0)	**2**	0 (0)	0	0 (0)	0	0 (0)	0	**2**	**2**	0 (0)	0 (0)	0 (0)
Tert-Butyl Alcohol	2 2	4	**9**	**9 (0)**	**19**	**11 (1)**	**10**	**7 (0)**	**3**	**1 (0)**	**10**	**5 (0)**	**31**	**20**	**51**	**21 (1)**	**12 (0)**	**33 (1)**
Tert-Butyl Methyl Ether	0.73	3	**4**	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	**4**	0	**4**	0 (0)	0 (0)	0 (0)
Tetrachloroethene	0 005		0	0 (2)	**3**	**3 (0)**	**2**	**2 (0)**	0	0 (0)	0	0 (0)	**3**	**2**	**5**	**3 (2)**	**2 (0)**	**5 (2)**
Toluene	1		0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0	0	0 (0)	0 (0)	0 (0)
Trans-1,2-Dichloroethene	0.1		0	0 (0)	**2**	**2 (0)**	**1**	**1 (0)**	0	0 (0)	0	0 (0)	**2**	**1**	**3**	**2 (0)**	**1 (0)**	**3 (0)**
Trichloroethene	0 005		0	0 (2)	**3**	**3 (0)**	**2**	**2 (1)**	0	0 (0)	0	0 (0)	**3**	**2**	**5**	**3 (2)**	**2 (1)**	**5 (3)**
Vinyl Chloride	0.002		**3**	**3 (2)**	**17**	**17 (0)**	**7**	**7 (0)**	0	0 (0)	**4**	**4 (0)**	**20**	**11**	**31**	**20 (2)**	**11 (0)**	**31 (2)**
Xylene(Total)	10		0	0 (0)	0	0 (0)	**1**	0 (0)	0	0 (0)	0	0 (0)	0	**1**	**1**	0 (0)	0 (0)	0 (0)
Arsenic	0 01		—	—	—	—	—	—	**3**	**3 (0)**	**3**	**3 (0)**	**3**	**3**	**6**	**3 (0)**	**3 (0)**	**6 (0)**
Chromium	0.1		—	—	—	—	—	—	0	0 (0)	0	0 (0)	0	0	0	0 (0)	0 (0)	0 (0)
Lead	0 015		—	—	—	—	—	—	0	0 (0)	0	0 (0)	0	0	0	0 (0)	0 (0)	0 (0)
Number of COCs Detected or Exceeding Regulatory Limit[6]		6	6	3 (6)	14	12 (0)	15	12 (0)	3	3 (0)	6	4 (0)	14	15	15	18 (6)	16 (0)	34 (6)
Number of Wells with One or More Exceedances				9		22		12		4		12				35	24	59
Number of Monitor Wells Analyzed			10	10	23	23	17	17	7	7	20	20	40	37	77	40	37	77

NOTES

1) This table reports statistics that summarize numbers of detections and regulatory limit exceedances by plume area and constituent, which are reported in detail for individual monitor wells in Tables 3-3 through 3-6
2) Regulatory Limit = Maximum Contaminant Level (MCL), Protective Concentration Level (PCL), or Remedial Action Objective (RAO), whichever is applicable
3) MCL not available, Texas TRRP Tier 1 commercial/industrial PCL is provided instead
4) RAO of 2 2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG
5) Exceedances are reported as separate values 1) the number of samples for which the detected concentration exceeds the regulatory limit, and 2) the number of samples for which the detection limit for results reported as not detected is greater than the regulatory limit Exceedance totals that include one or more type 1 exceedances are shown in bold Detection limit exceedances are enclosed in parentheses
6) In the row titled "Number of COCs Detected or Exceeding Regulatory Limit", the number of COCs for which regulatory limits are exceeded by detection limit values only are shown in parentheses
7) Detections include only results greater than the SQL, estimated values (J-flagged) are excluded from totals
8) Metals were analyzed for selected wells in the West Plume Area only
9) The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted

TABLE 3-3

Summary of Reported Ground Water Results for the East Slough Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID Sample Date	Reported Constituent Concentrations (mg/L) S1-064 3/12/2013	S1-105 3/13/2013	S1-131 3/12/2013	S1-136 3/13/2013	S1-138 3/12/2013	S1-139 3/12/2013	S1-160 3/12/2013	S1-161 3/12/2013	S1-162 3/12/2013	S1-165 3/12/2013
1,1-Dichloroethane	7 3	(a)	S1	mg/L	< 0 005	**0.031**	< 0 005	**0.0068**	< 0 005	**J 0.0012**	< 0 025	< 0 005	< 0 05	< 0 005
1,1-Dichloroethene	0 007	(a)	S1	mg/L	< 0 005	**J 0.00063**	< 0 005	< 0 005	< 0.005	< 0.005	< 0 025 *	< 0.005	< 0.05 *	< 0 005
1,2-Dichloroethane	0.005		S1	mg/L	< 0.005	< 0 005	< 0 005	**J 0.0031**	< 0 005	< 0 005	< 0 025 *	< 0 005	< 0.05 *	< 0 005
Acetone	66		S1	mg/L	< 0 01	< 0 01	< 0.01	< 0.01	< 0.01	< 0 01	< 0 05	< 0 01	< 0 1	< 0 01
Benzene	0 005		S1	mg/L	***0.038*** *	***0.011*** *	**0.15** *	**J 0.0016**	**0.015** *	**0.0064** *	**0.092** *	**0.038** *	**0.27** *	< 0 005
Carbon Tetrachloride	0.005		S1	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0.005	< 0 025 *	< 0.005	< 0.05 *	< 0.005
Chloroethane	29	(a)	S1	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 025	< 0 005	< 0 05	< 0 005
Chloroform	0.73	(a)	S1	mg/L	< 0 005	< 0 005	< 0.005	< 0 005	< 0 005	< 0.005	< 0.025	< 0.005	< 0.05	< 0 005
Cis-1,2-Dichloroethene	0 07		S1	mg/L	< 0 005	**0.0054**	< 0 005	**J 0.0037**	< 0 005	< 0 005	< 0 025	< 0 005	< 0 05	< 0 005
Ethylbenzene	0.7		S1	mg/L	< 0 005	< 0 005	< 0.005	< 0 005	< 0 005	< 0 005	< 0 025	< 0 005	< 0 05	< 0.005
Methylene chloride	0 005		S1	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	**J 0.008** *	< 0 005	**J 0.011** *	< 0 005
Naphthalene	1 5	(a)	S1	mg/L	< 0 005	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0 025	< 0.005	< 0 05	< 0 005
Tert-Butyl Alcohol	2 2	(b)	S1	mg/L	***32*** *	***3.5*** *	**72** *	**11** *	**18** *	**24** *	**33** *	**14** *	**130** *	< 0 1
Tert-Butyl Methyl Ether	0 73	(a)	S1	mg/L	**0.015**	**J 0.0012**	**0.028**	< 0.005	**0.0054**	**0.0061**	< 0 025	< 0 005	< 0 05	< 0 005
Tetrachloroethene	0 005		S1	mg/L	< 0 005	< 0 005	< 0 005	< 0.005	< 0 005	< 0 005	< 0 025 *	< 0 005	< 0 05 *	< 0 005
Toluene	1		S1	mg/L	< 0 005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005	< 0 025	< 0 005	< 0 05	< 0 005
Trans-1,2-Dichloroethene	0 1		S1	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 025	< 0 005	< 0 05	< 0 005
Trichloroethene	0 005		S1	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 005	< 0 025 *	< 0 005	< 0 05 *	< 0 005
Vinyl Chloride	0 002		S1	mg/L	< 0 002	***0.022*** *	< 0.002	**0.0022** *	< 0 002	**0.0021** *	**J 0.0072** *	< 0 002	< 0 02 *	< 0 002
Xylene(Total)	10		S1	mg/L	< 0.015	< 0.015	< 0 015	< 0 015	< 0 015	< 0 015	< 0 075	< 0 015	< 0 15	< 0 015

NOTES.

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font
* = Exceedance of MCL/PCL/RAO
< 0.005 = *Not Detected* at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead
(b) = RAO of 2 2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG
J = approximate concentration, result is less than the lowest calibration standard
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted

TABLE 3-4

Summary of Reported Ground Water Results for the Central Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

					Reported Constituent Concentrations (mg/L)									
Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date:	FLTG-014 3/13/2013	S1-106A 3/12/2013	S1-106R 3/11/2013	S1-108A 3/12/2013	S1-121 3/11/2013	S1-123 3/12/2013	S1-142 3/11/2013	S1-143 3/12/2013	S1-144 3/12/2013	S1-145 3/12/2013
1,1-Dichloroethane	7.3	(a)	S1	mg/L	**J 0.0035**	**J 0.0025**	0.0062	< 0.005	J 0.0011	3 1	< 0 005	J 0 0026	0.0058	0.045
1,1-Dichloroethene	0.007	(a)	S1	mg/L	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	J 0 07 *	< 0 005	J 0 00067	< 0.005	0.0053
1,2-Dichloroethane	0.005		S1	mg/L	< 0.005	***0.0054*** *	< 0.005	< 0.005	J 0.00068	**120** *	< 0.005	**0.0067** *	**0.0099** *	J 0.0031
Acetone	66		S1	mg/L	< 0.01	< 0.01	< 0.01	< 0 01	< 0 01	< 1	< 0.01	< 0.01	< 0 01	< 0.01
Benzene	0.005		S1	mg/L	**J 0.0022**	< 0.005	**0.0058** *	< 0.005	**0.013** *	J 0.34 *	**0.088** *	J 0.00077	< 0.005	**0.0079** *
Carbon Tetrachloride	0.005		S1	mg/L	< 0.005	< 0 005	< 0 005	< 0 005	< 0.005	**2.3** *	< 0.005	< 0 005	< 0 005	< 0.005
Chloroethane	29	(a)	S1	mg/L	< 0.005	< 0.005	J 0 003	< 0 005	< 0.005	0.54	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0 73	(a)	S1	mg/L	< 0.005	< 0 005	< 0 005	< 0 005	< 0.005	**130** *	< 0 005	< 0 005	< 0 005	< 0 005
Cis-1,2-Dichloroethene	0.07		S1	mg/L	**J 0.0021**	**J 0.0031**	< 0.005	< 0.005	< 0 005	**16** *	< 0.005	J 0.0049	0.0069	0.051
Ethylbenzene	0.7		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	J 0.065	< 0.005	< 0.005	< 0 005	< 0.005
Methylene chloride	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0 005	**1.3** *	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	1.5	(a)	S1	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	< 0 005	J 0.34	< 0 005	< 0.005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	S1	mg/L	***11*** *	**0.17**	1.5	< 0.1	< 0 1	< 10 *	**25** *	0.12	0.37	**2.5** *
Tert-Butyl Methyl Ether	0 73	(a)	S1	mg/L	**J 0.0023**	< 0.005	< 0.005	< 0 005	< 0 005	< 0.5	< 0.005	< 0.005	< 0 005	< 0.005
Tetrachloroethene	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	**3.8** *	< 0.005	< 0.005	< 0 005	< 0 005
Toluene	1		S1	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005	J 0.18	< 0.005	< 0.005	< 0.005	< 0.005
Trans-1,2-Dichloroethene	0 1		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	**4.9** *	< 0.005	< 0 005	< 0.005	< 0.005
Trichloroethene	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0 005	**3.7** *	< 0.005	J 0.0012	J 0.0013	J 0.0027
Vinyl Chloride	0.002		S1	mg/L	**J 0.0015**	***0.004*** *	**0.0041** *	< 0 002	**0.0026** *	**1.3** *	< 0.002	**0.01** *	**0.0081** *	**0.076** *
Xylene(Total)	10		S1	mg/L	< 0.015	< 0 015	< 0 015	< 0.015	< 0 015	< 1 5	J 0.002	< 0.015	< 0 015	< 0.015

NOTES.

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0.005 = *Not Detected* at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted

TABLE 3-4 (Cont'd)

Summary of Reported Ground Water Results for the Central Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

					Reported Constituent Concentrations (mg/L)									
Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date	S1-146 3/12/2013	S1-147 3/11/2013	S1-148 3/11/2013	S1-149 3/13/2013	S1-153 3/13/2013	S1-154 3/12/2013	S1-155 3/12/2013	S1-159 3/13/2013	S1-164 3/13/2013	S1-166 3/11/2013
1,1-Dichloroethane	7 3	(a)	S1	mg/L	0.0094	< 0.005	J 0.0049	0.17	0.64	J 0 0034	0.016	0 14	0.014	< 0 005
1,1-Dichloroethene	0.007	(a)	S1	mg/L	< 0.005	< 0.005	< 0.005	**0.046** *	**0.12** *	< 0 005	< 0 005	**0.02** *	J 0.00092	< 0 005
1,2-Dichloroethane	0.005		S1	mg/L	J 0.0025	< 0.005	< 0.005	**3.4** *	**17** *	J 0.0032	J 0 0024	**0.72** *	**0.0052** *	< 0 005
Acetone	66		S1	mg/L	< 0.01	< 0.01	< 0.01	< 0.05	< 0.1	< 0.01	< 0 01	< 0.01	< 0 01	< 0 01
Benzene	0.005		S1	mg/L	J 0 0034	**0.17** *	**0.0067** *	J 0 015 *	**0.066** *	< 0 005	**0.0054** *	**0.032** *	**0.044** *	**0.1** *
Carbon Tetrachloride	0.005		S1	mg/L	< 0 005	< 0 005	< 0.005	< 0.025 *	< 0 05 *	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005
Chloroethane	29	(a)	S1	mg/L	< 0.005	J 0 0042	0.0082	< 0 025	< 0.05	< 0 005	J 0 002	< 0 005	J 0 0021	< 0 005
Chloroform	0 73	(a)	S1	mg/L	< 0.005	< 0.005	< 0.005	0.1	**12** *	J 0.0019	< 0.005	< 0.005	< 0 005	< 0.005
Cis-1,2-Dichloroethene	0.07		S1	mg/L	J 0.0036	< 0.005	0 01	**0.53** *	**2.3** *	< 0.005	J 0.0032	**0.24** *	0 022	< 0.005
Ethylbenzene	0 7		S1	mg/L	< 0.005	< 0 005	< 0 005	< 0 025	< 0 05	< 0 005	< 0.005	< 0 005	< 0.005	< 0.005
Methylene chloride	0.005		S1	mg/L	< 0 005	< 0 005	< 0 005	< 0.05 *	J 0 041 *	< 0 005	< 0.005	< 0 005	< 0.005	< 0.005
Naphthalene	1.5	(a)	S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.025	< 0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005
Tert-Butyl Alcohol	2.2	(b)	S1	mg/L	1.5	**33** *	**5.4** *	1.1	1.8	**2.3** *	1.2	**8.7** *	**13** *	**28** *
Tert-Butyl Methyl Ether	0 73	(a)	S1	mg/L	< 0 005	< 0 005	J 0 0013	< 0.025	< 0 05	J 0 0028	J 0.0027	J 0.0027	< 0.005	< 0.005
Tetrachloroethene	0.005		S1	mg/L	< 0 005	< 0.005	< 0.005	**0.032** *	**0.18** *	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1		S1	mg/L	< 0.005	J 0.0013	< 0.005	< 0.025	J 0.021	< 0 005	< 0 005	J 0 0019	J 0 00075	J 0.00074
Trans-1,2-Dichloroethene	0.1		S1	mg/L	< 0.005	< 0.005	< 0.005	J 0.01	**0.23** *	< 0.005	< 0.005	J 0.001	< 0.005	< 0.005
Trichloroethene	0 005		S1	mg/L	< 0.005	< 0.005	< 0.005	**0.09** *	**0.59** *	< 0.005	J 0.0011	J 0 0022	< 0 005	< 0 005
Vinyl Chloride	0.002		S1	mg/L	**0.019** *	< 0.002	**0.014** *	**0.26** *	**1.4** *	**0.0033** *	**0.016** *	**0.36** *	**0.05** *	< 0 002
Xylene(Total)	10		S1	mg/L	< 0 015	J 0.0057	< 0.015	< 0.075	< 0 15	< 0.015	< 0.015	J 0.0025	< 0 015	J 0.0057

NOTES.

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0.005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available, Texas TRRP Tier 1 commercial/industrial PCL is provided instead
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted.

TABLE 3-4 (Cont'd)

Summary of Reported Ground Water Results for the Central Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

					Reported Constituent Concentrations (mg/L)		
Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date:	S1-167 3/11/2013	S1-168 3/11/2013	S1-169 3/12/2013
1,1-Dichloroethane	7.3	(a)	S1	mg/L	0.0057	0.013	< 0.005
1,1-Dichloroethene	0.007	(a)	S1	mg/L	J 0.0015	< 0.005	< 0.005
1,2-Dichloroethane	0.005		S1	mg/L	< 0.005	< 0 005	< 0 005
Acetone	66		S1	mg/L	< 0 01	< 0 01	< 0.01
Benzene	0.005		S1	mg/L	**0.04** *	**0.02** *	< 0 005
Carbon Tetrachloride	0.005		S1	mg/L	< 0.005	< 0 005	< 0.005
Chloroethane	29	(a)	S1	mg/L	0.01	J 0.0041	< 0 005
Chloroform	0 73	(a)	S1	mg/L	< 0.005	< 0.005	< 0 005
Cis-1,2-Dichloroethene	0.07		S1	mg/L	0 015	J 0.0032	< 0 005
Ethylbenzene	0.7		S1	mg/L	< 0.005	< 0.005	< 0.005
Methylene chloride	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005
Naphthalene	1 5	(a)	S1	mg/L	< 0 005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	S1	mg/L	**14** *	**6.3** *	J 0 057
Tert-Butyl Methyl Ether	0 73	(a)	S1	mg/L	< 0.005	J 0.0016	< 0.005
Tetrachloroethene	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005
Toluene	1		S1	mg/L	< 0 005	< 0.005	< 0.005
Trans-1,2-Dichloroethene	0.1		S1	mg/L	< 0 005	< 0.005	< 0.005
Trichloroethene	0 005		S1	mg/L	< 0 005	< 0.005	< 0.005
Vinyl Chloride	0.002		S1	mg/L	**0.056** *	**0.064** *	< 0.002
Xylene(Total)	10		S1	mg/L	< 0.015	< 0 015	< 0.015

NOTES

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0.005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted.

TABLE 3-4 (Cont'd)

Summary of Reported Ground Water Results for the Central Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

					Reported Constituent Concentrations (mg/L)									
Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date:	FLTG-013 3/13/2013	INT-060-P-3 3/13/2013	INT-106 3/12/2013	INT-108 3/12/2013	INT-120 3/11/2013	INT-123 3/11/2013	INT-127 3/13/2013	INT-154 3/11/2013	INT-166 3/11/2013	INT-167 3/11/2013
1,1-Dichloroethane	7.3	(a)	INT	mg/L	**J 0.00078**	< 0 005	**0.0061**	< 0 005	**0.47**	**0.067**	< 0.005	< 0 005	**J 0.00066**	**0.043**
1,1-Dichloroethene	0 007	(a)	INT	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	**J 0.043** *	< 0.005	< 0 005	< 0 005	< 0.005	**J 0.0021**
1,2-Dichloroethane	0.005		INT	mg/L	< 0.005	< 0 005	**J 0.0013**	< 0.005	***5.3*** *	***0.035*** *	< 0 005	< 0.005	< 0 005	***0.017*** *
Acetone	66		INT	mg/L	< 0 01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0 01
Benzene	0.005		INT	mg/L	< 0.005	< 0.005	< 0 005	< 0.005	***0.1*** *	**J 0.0012**	< 0.005	**0.25** *	***0.017*** *	***0.015*** *
Carbon Tetrachloride	0 005		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0 05 *	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005
Chloroethane	29	(a)	INT	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0 05	< 0.005	< 0.005	J 0.0034	< 0 005	< 0.005
Chloroform	0.73	(a)	INT	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	< 0.05	**J 0.0012**	< 0.005	< 0.005	< 0 005	< 0 005
Cis-1,2-Dichloroethene	0 07		INT	mg/L	< 0.005	< 0 005	**J 0.0036**	< 0 005	***1.5*** *	**0.034**	< 0.005	< 0.005	< 0.005	**0.028**
Ethylbenzene	0.7		INT	mg/L	< 0 005	< 0 005	< 0 005	< 0.005	< 0.05	< 0.005	< 0.005	J 0.00058	< 0.005	**J 0.0012**
Methylene chloride	0.005		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 1 *	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	1 5	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.05	< 0.005	< 0 005	J 0.001	< 0.005	**0.0061**
Tert-Butyl Alcohol	2 2	(b)	INT	mg/L	**J 0.087**	***2.5*** *	**0.22**	**0.21**	***9.7*** *	< 0.1	< 0.1	**68** *	< 0.1	< 0.1
Tert-Butyl Methyl Ether	0.73	(a)	INT	mg/L	< 0.005	**J 0.0011**	< 0 005	< 0 005	< 0 05	< 0 005	< 0 005	< 0 005	**J 0.0012**	< 0.005
Tetrachloroethene	0 005		INT	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	***0.11*** *	**J 0.0011**	< 0.005	< 0.005	< 0 005	< 0.005
Toluene	1		INT	mg/L	< 0.005	< 0.005	< 0 005	< 0 005	**J 0.0095**	< 0.005	< 0.005	J 0.0011	< 0.005	**J 0.0028**
Trans-1,2-Dichloroethene	0.1		INT	mg/L	< 0 005	< 0.005	< 0 005	< 0 005	< 0.05	**J 0.0022**	< 0 005	< 0.005	< 0.005	**J 0.0027**
Trichloroethene	0.005		INT	mg/L	< 0 005	< 0 005	< 0.005	< 0 005	**J 0.032** *	**J 0.0014**	< 0.005	< 0.005	< 0.005	**J 0.0045**
Vinyl Chloride	0.002		INT	mg/L	< 0.002	< 0 002	***0.0034*** *	< 0 002	***1.1*** *	***0.015*** *	< 0.002	< 0.002	< 0.002	***0.021*** *
Xylene(Total)	10		INT	mg/L	< 0 015	< 0.015	< 0 015	< 0 015	< 0.15	< 0 015	< 0.015	J 0.0061	< 0.015	**J 0.0039**

NOTES:

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font
* = Exceedance of MCL/PCL/RAO
< 0.005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead.
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration, result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted

TABLE 3-4 (Cont'd)

Summary of Reported Ground Water Results for the Central Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date.	Reported Constituent Concentrations (mg/L) INT-169 3/13/2013	INT-235 3/12/2013	INT-239 3/12/2013	INT-259 3/11/2013	INT-260 3/12/2013	INT-261 3/12/2013	INT-262 3/11/2013
1,1-Dichloroethane	7.3	(a)	INT	mg/L	**J 0.0049**	**0.16**	**0.0051**	**J 0.0048**	**0.094**	< 0.005	< 0.005
1,1-Dichloroethene	0.007	(a)	INT	mg/L	**J 0.0021**	**J 0.0036**	< 0.005	< 0 005	***0.017*** *	< 0.005	< 0.005
1,2-Dichloroethane	0.005		INT	mg/L	**0.0067** *	**0.26** *	< 0.005	**J 0.0011**	< 0.005	< 0.005	**J 0.0017**
Acetone	66		INT	mg/L	< 0 01	< 0 01	< 0.01	< 0.01	< 0 01	< 0 01	< 0 01
Benzene	0.005		INT	mg/L	**0.0087** *	**0.014** *	< 0.005	***0.015*** *	***0.01*** *	< 0.005	< 0.005
Carbon Tetrachloride	0.005		INT	mg/L	< 0.005	**0.42** *	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005
Chloroethane	29	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
Chloroform	0.73	(a)	INT	mg/L	< 0.005	**2.2** *	< 0 005	< 0 005	< 0 005	< 0.005	**J 0.0018**
Cis-1,2-Dichloroethene	0.07		INT	mg/L	**0.008**	**0.55** *	**0.0051**	**J 0.0041**	***0.14*** *	< 0.005	< 0.005
Ethylbenzene	0.7		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	< 0 005	< 0 005
Methylene chloride	0 005		INT	mg/L	< 0.005	**0.015** *	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005
Naphthalene	1.5	(a)	INT	mg/L	< 0.005	**0.14**	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	INT	mg/L	**37** *	**1.5**	***2.6*** *	***27*** *	***4.6*** *	< 0 1	< 0.1
Tert-Butyl Methyl Ether	0 73	(a)	INT	mg/L	< 0.005	< 0.005	< 0 005	< 0 005	**J 0.0013**	< 0.005	< 0.005
Tetrachloroethene	0.005		INT	mg/L	< 0 005	**0.99** *	< 0.005	< 0 005	< 0 005	< 0 005	< 0 005
Toluene	1		INT	mg/L	< 0.005	**J 0.00083**	< 0.005	< 0.005	< 0 005	< 0.005	< 0 005
Trans-1,2-Dichloroethene	0.1		INT	mg/L	< 0.005	**0.2** *	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	0.005		INT	mg/L	**0.0051** *	**0.31** *	< 0.005	< 0.005	**J 0.0016**	< 0.005	< 0.005
Vinyl Chloride	0 002		INT	mg/L	**0.0057** *	**0.041** *	< 0.002	**J 0.0011**	***0.2*** *	< 0 002	< 0.002
Xylene(Total)	10		INT	mg/L	< 0 015	0.024	< 0.015	< 0.015	< 0 015	< 0.015	< 0 015

NOTES.

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0.005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead.
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted

TABLE 3-5

Summary of Reported Ground Water Results for the West Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID· Sample Date.	Reported Constituent Concentrations (mg/L) S1-031 3/11/2013	S1-033 3/11/2013	S1-051-P-3 3/11/2013	S1-111 3/12/2013	S1-118 3/13/2013	S1-135 3/11/2013	P-5 3/11/2013
1,1-Dichloroethane	7 3	(a)	S1	mg/L	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005
1,1-Dichloroethene	0.007	(a)	S1	mg/L	< 0 005	< 0 005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acetone	66		S1	mg/L	< 0.01	< 0 01	< 0.01	< 0 01	< 0.01	< 0.01	**J 0.0046**
Benzene	0.005		S1	mg/L	***0.014*** *	< 0 005	**J 0.0018**	< 0.005	< 0.005	< 0.005	**J 0.0048**
Carbon Tetrachloride	0.005		S1	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	< 0 005
Chloroethane	29	(a)	S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005
Chloroform	0 73	(a)	S1	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cis-1,2-Dichloroethene	0.07		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	< 0 005
Ethylbenzene	0 7		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005
Methylene chloride	0.005		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	< 0 005	< 0.005
Naphthalene	1.5	(a)	S1	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	S1	mg/L	**0.52**	< 0 1	**1.9**	**J 0.085**	< 0.1	< 0 1	***20*** *
Tert-Butyl Methyl Ether	0.73	(a)	S1	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	**J 0.0028**
Tetrachloroethene	0.005		S1	mg/L	< 0.005	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005	< 0 005
Toluene	1		S1	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**J 0.00063**
Trans-1,2-Dichloroethene	0 1		S1	mg/L	< 0.005	< 0 005	< 0.005	< 0 005	< 0.005	< 0 005	< 0 005
Trichloroethene	0 005		S1	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005
Vinyl Chloride	0.002		S1	mg/L	< 0.002	< 0 002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Xylene(Total)	10		S1	mg/L	< 0 015	< 0 015	< 0.015	< 0.015	< 0.015	< 0.015	**J 0.0075**
Arsenic	0.01		S1	mg/L	***0.0132*** *	**J 0.0021**	NA	***0.0114*** *	< 0.005	***0.104*** *	NA
Chromium	0.1		S1	mg/L	< 0 005	< 0 005	NA	< 0.005	< 0.005	**J 0.00198**	NA
Lead	0 015		S1	mg/L	< 0.005	< 0 005	NA	< 0.005	< 0.005	< 0.005	NA

NOTES

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0.005 = *Not Detected* at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead.
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted.

TABLE 3-5 (Cont'd)

Summary of Reported Ground Water Results for the West Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

					Reported Constituent Concentrations (mg/L)					
Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date:	INT-022 3/11/2013	INT-026 3/11/2013	INT-059-P-2 3/13/2013	INT-101 3/13/2013	INT-118 3/13/2013	INT-134 3/11/2013
1,1-Dichloroethane	7.3	(a)	INT	mg/L	< 0 005	< 0.005	< 0.005	< 0 005	< 0 005	**0.0064**
1,1-Dichloroethene	0 007	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0 005		INT	mg/L	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	**J 0.0039**
Acetone	66		INT	mg/L	< 0.01	< 0 01	< 0.01	< 0 01	< 0.01	< 0.01
Benzene	0.005		INT	mg/L	< 0.005	***0.02*** *	< 0.005	***0.017*** *	< 0.005	< 0.005
Carbon Tetrachloride	0 005		INT	mg/L	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005
Chloroethane	29	(a)	INT	mg/L	< 0.005	< 0 005	< 0.005	< 0 005	< 0.005	< 0.005
Chloroform	0.73	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005
Cis-1,2-Dichloroethene	0.07		INT	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.7		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene chloride	0.005		INT	mg/L	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	1.5	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	INT	mg/L	< 0.1	***3.8*** *	**0.64**	***20*** *	< 0.1	**< 0.1**
Tert-Butyl Methyl Ether	0.73	(a)	INT	mg/L	< 0.005	**J 0.0016**	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	0 005		INT	mg/L	< 0 005	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005
Toluene	1		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trans-1,2-Dichloroethene	0.1		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	**J 0.0032**
Trichloroethene	0 005		INT	mg/L	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Chloride	0 002		INT	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	***0.0052*** *
Xylene(Total)	10		INT	mg/L	< 0 015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Arsenic	0 01		INT	mg/L	NA	NA	***0.128*** *	***0.0512*** *	< 0.005	NA
Chromium	0.1		INT	mg/L	NA	NA	< 0 005	< 0.005	< 0 005	NA
Lead	0.015		INT	mg/L	NA	NA	< 0 005	< 0.005	< 0.005	NA

NOTES:

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font
* = Exceedance of MCL/PCL/RAO
< 0 005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead.
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted.

TABLE 3-5 (Cont'd)

Summary of Reported Ground Water Results for the West Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID: Sample Date.	Reported Constituent Concentrations (mg/L) INT-135 3/11/2013	INT-144 3/11/2013	INT-150 3/12/2013	INT-161 3/11/2013	INT-162 3/13/2013	INT-163 3/11/2013	INT-214 3/11/2013
1,1-Dichloroethane	7 3	(a)	INT	mg/L	< 0 005	**J 0.0014**	< 0.005	< 0 005	< 0.005	< 0 005	< 0.005
1,1-Dichloroethene	0.007	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005
1,2-Dichloroethane	0.005		INT	mg/L	< 0.005	**J 0.0019**	< 0.005	< 0 005	< 0.005	< 0 005	< 0.005
Acetone	66		INT	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0 01	< 0.01	< 0.01
Benzene	0.005		INT	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	< 0 005	***0.023*** *	< 0.005
Carbon Tetrachloride	0.005		INT	mg/L	< 0.005	< 0.005	< 0 005	< 0 005	< 0 005	< 0.005	< 0 005
Chloroethane	29	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
Chloroform	0.73	(a)	INT	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005
Cis-1,2-Dichloroethene	0.07		INT	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.7		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	< 0 005
Methylene chloride	0.005		INT	mg/L	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	1 5	(a)	INT	mg/L	< 0.005	< 0 005	< 0.005	< 0.005	< 0 005	< 0 005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	INT	mg/L	< 0 1	< 0.1	**0.39**	**0.54**	**0.19**	***4.3*** *	< 0.1
Tert-Butyl Methyl Ether	0.73	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	**J 0.0018**	< 0.005
Tetrachloroethene	0.005		INT	mg/L	< 0.005	< 0 005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
Toluene	1		INT	mg/L	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	**J 0.00071**	< 0.005
Trans-1,2-Dichloroethene	0.1		INT	mg/L	< 0.005	**J 0.0016**	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
Trichloroethene	0 005		INT	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Chloride	0.002		INT	mg/L	< 0.002	***0.0039*** *	< 0.002	< 0.002	< 0.002	< 0.002	< 0 002
Xylene(Total)	10		INT	mg/L	< 0.015	< 0.015	< 0 015	**J 0.0042**	< 0 015	**J 0.0046**	< 0.015
Arsenic	0.01		INT	mg/L	***0.0141*** *	**J 0.0040**	NA	NA	NA	NA	NA
Chromium	0.1		INT	mg/L	< 0.005	< 0 005	NA	NA	NA	NA	NA
Lead	0.015		INT	mg/L	< 0.005	< 0.005	NA	NA	NA	NA	NA

NOTES:

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0 005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead.
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration; result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted.

TABLE 3-5 (Cont'd)

Summary of Reported Ground Water Results for the West Plume Area

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Unit Screened	Well ID. Sample Date:	Reported Constituent Concentrations (mg/L) INT-217 3/12/2013	INT-233 3/11/2013	INT-250 3/11/2013	INT-251 3/12/2013	INT-252 3/12/2013	INT-253 3/11/2013	INT-254 3/11/2013
1,1-Dichloroethane	7.3	(a)	INT	mg/L	**J 0.0013**	< 0.005	**0.0051**	< 0.005	**0.0076**	**J 0.0013**	**0.013**
1,1-Dichloroethene	0.007	(a)	INT	mg/L	< 0 005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0.005		INT	mg/L	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005	**J 0.001**	< 0.005
Acetone	66		INT	mg/L	< 0.01	< 0 01	< 0 01	< 0 01	< 0.01	< 0.01	< 0.01
Benzene	0.005		INT	mg/L	< 0.005	***0.0081*** *	**J 0.0027**	< 0 005	< 0.005	***0.0069*** *	**J 0.0013**
Carbon Tetrachloride	0.005		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
Chloroethane	29	(a)	INT	mg/L	< 0 005	< 0.005	**J 0.003**	< 0.005	< 0.005	**0.0081**	< 0 005
Chloroform	0.73	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005	< 0.005	< 0.005
Cis-1,2-Dichloroethene	0 07		INT	mg/L	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005	< 0 005	< 0.005
Ethylbenzene	0 7		INT	mg/L	< 0.005	< 0.005	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005
Methylene chloride	0 005		INT	mg/L	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	1.5	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	INT	mg/L	< 0.1	**0.63**	***3.2*** *	***5.6*** *	< 0 1	**J 0.081**	< 0.1
Tert-Butyl Methyl Ether	0 73	(a)	INT	mg/L	< 0.005	< 0.005	< 0.005	**J 0.0023**	< 0 005	< 0.005	< 0.005
Tetrachloroethene	0.005		INT	mg/L	< 0.005	< 0 005	< 0.005	< 0 005	< 0 005	< 0 005	< 0.005
Toluene	1		INT	mg/L	< 0.005	< 0.005	< 0 005	< 0 005	< 0 005	< 0 005	< 0.005
Trans-1,2-Dichloroethene	0.1		INT	mg/L	< 0.005	< 0.005	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005
Trichloroethene	0.005		INT	mg/L	< 0 005	< 0 005	< 0 005	< 0 005	< 0.005	< 0.005	< 0.005
Vinyl Chloride	0 002		INT	mg/L	**J 0.0014**	< 0.002	**J 0.0014**	< 0.002	< 0.002	***0.012*** *	***0.026*** *
Xylene(Total)	10		INT	mg/L	< 0 015	< 0.015	< 0 015	< 0 015	< 0.015	< 0.015	< 0.015
Arsenic	0.01		INT	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1		INT	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	0 015		INT	mg/L	NA	NA	NA	NA	NA	NA	NA

NOTES

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0 005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead.
(b) = RAO of 2.2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
J = approximate concentration, result is less than the lowest calibration standard
NA = Not Analyzed
The four COCs selected for plume maps in Figures 3-3 through 3-10 and the graphs of Appendix B are highlighted.

TABLE 3-6

Summary of Quality Assurance/Quality Control Samples for March 2013

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Well ID: Sample Date:	Duplicates INT-022 DUP 3/11/2013	INT-169 DUP 3/13/2013	S1-135 DUP 3/11/2013	S1-168 DUP 3/11/2013
Acetone	66	(a)	mg/L	< 0.005	**0.0052**	< 0.005	**0.014**
1,1-Dichloroethane	7.3	(a)	mg/L	< 0.005	**J 0.0022**	< 0.005	< 0.005
1,1-Dichloroethene	0 007		mg/L	< 0.005	**0.0068**	< 0.005	< 0 005
1,2-Dichloroethane	0 005		mg/L	< 0 01 *	< 0.01 *	< 0.01 *	< 0.01 *
Benzene	0.005		mg/L	< 0.005	**0.0089** *	< 0.005	**0.02** *
Carbon Tetrachloride	0 005		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	29	(a)	mg/L	< 0.005	< 0.005	< 0.005	**J 0.004**
Chloroform	0.73	(a)	mg/L	< 0.005	< 0 005	< 0.005	< 0.005
Cis-1,2-Dichloroethene	0.07		mg/L	< 0.005	**0.0082**	< 0.005	**J 0.0031**
Ethylbenzene	0.7		mg/L	< 0.005	< 0.005	< 0 005	< 0.005
Methylene chloride	0.005		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	1.5	(a)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Tert-Butyl Alcohol	2.2	(b)	mg/L	< 0.1	**39** *	< 0.1	**6.6** *
Tert-Butyl Methyl Ether	0.73	(a)	mg/L	< 0.005	< 0.005	< 0.005	**J 0.0017**
Tetrachloroethene	0.005		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Trans-1,2-Dichloroethene	0.1		mg/L	< 0 005	< 0.005	< 0 005	< 0.005
Trichloroethene	0 005		mg/L	< 0 005	**0.0054** *	< 0 005	< 0 005
Vinyl Chloride	0.002		mg/L	< 0.002	**0.0061** *	< 0.002	**0.068** *
Xylene(Total)	10		mg/L	< 0.015	< 0.015	< 0 015	< 0.015
Arsenic	0 01		mg/L	NA	NA	**0.0938** *	NA
Chromium	0 1		mg/L	NA	NA	**J 0.00174**	NA
Lead	0.015		mg/L	NA	NA	< 0 005 #	NA

NOTES

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in bold font. Detected concentrations that exceed MCL/PCL/RAO values are shown in bold italic font.
* = Exceedance of MCL/PCL/RAO
< 0.005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; commercial/industrial PCL provided
(b) = RAO of 2 2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG
DUP = Duplicate

TABLE 3-6 (Cont'd)

Summary of Quality Assurance/Quality Control Samples for March 2013

2013 Ground Water Monitoring Report
French Limited Superfund Site
Crosby, Texas

Constituent	MCL/PCL/ RAO	Notes	Well ID: Sample Date·	Field Blanks FB-1-031113 3/11/2013	FB-2-031213 3/12/2013	Trip Blanks TRIP BLANK 03/12/2013	TRIP BLANK 03/13/2013
Acetone	66	(a)	mg/L	< 0 005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethane	7.3	(a)	mg/L	< 0 005	< 0.005	< 0.005	< 0 005
1,1-Dichloroethene	0.007		mg/L	< 0.005	< 0 005	< 0.005	< 0.005
1,2-Dichloroethane	0.005		mg/L	< 0.01	< 0 01	< 0 01	< 0.01
Benzene	0.005		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Tetrachloride	0.005		mg/L	< 0 005	< 0.005	< 0.005	< 0 005
Chloroethane	29	(a)	mg/L	< 0.005	< 0.005	< 0.005	< 0 005
Chloroform	0.73	(a)	mg/L	< 0 005	< 0.005	< 0.005	< 0 005
Cis-1,2-Dichloroethene	0.07		mg/L	< 0 005	< 0.005	< 0.005	< 0 005
Ethylbenzene	0.7		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Methylene chloride	0.005		mg/L	< 0 005	< 0.005	< 0.005	< 0.005
Naphthalene	1 5	(a)	mg/L	< 0 005	< 0 005	< 0.005	< 0.005
Tert-Butyl Alcohol	2 2	(b)	mg/L	< 0 1	< 0.1	< 0 1	< 0 1
Tert-Butyl Methyl Ether	0.73	(a)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	0.005		mg/L	< 0 005	< 0.005	< 0.005	< 0 005
Toluene	1		mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Trans-1,2-Dichloroethene	0 1		mg/L	< 0 005	< 0.005	< 0.005	< 0 005
Trichloroethene	0.005		mg/L	< 0 005	< 0.005	< 0 005	< 0 005
Vinyl Chloride	0.002		mg/L	< 0 002	< 0.002	< 0.002	< 0.002
Xylene(Total)	10		mg/L	< 0.015	< 0.015	< 0.015	< 0.015
Arsenic	0.01		mg/L	NA	NA	NA	NA
Chromium	0 1		mg/L	NA	NA	NA	NA
Lead	0.015		mg/L	NA	NA	NA	NA

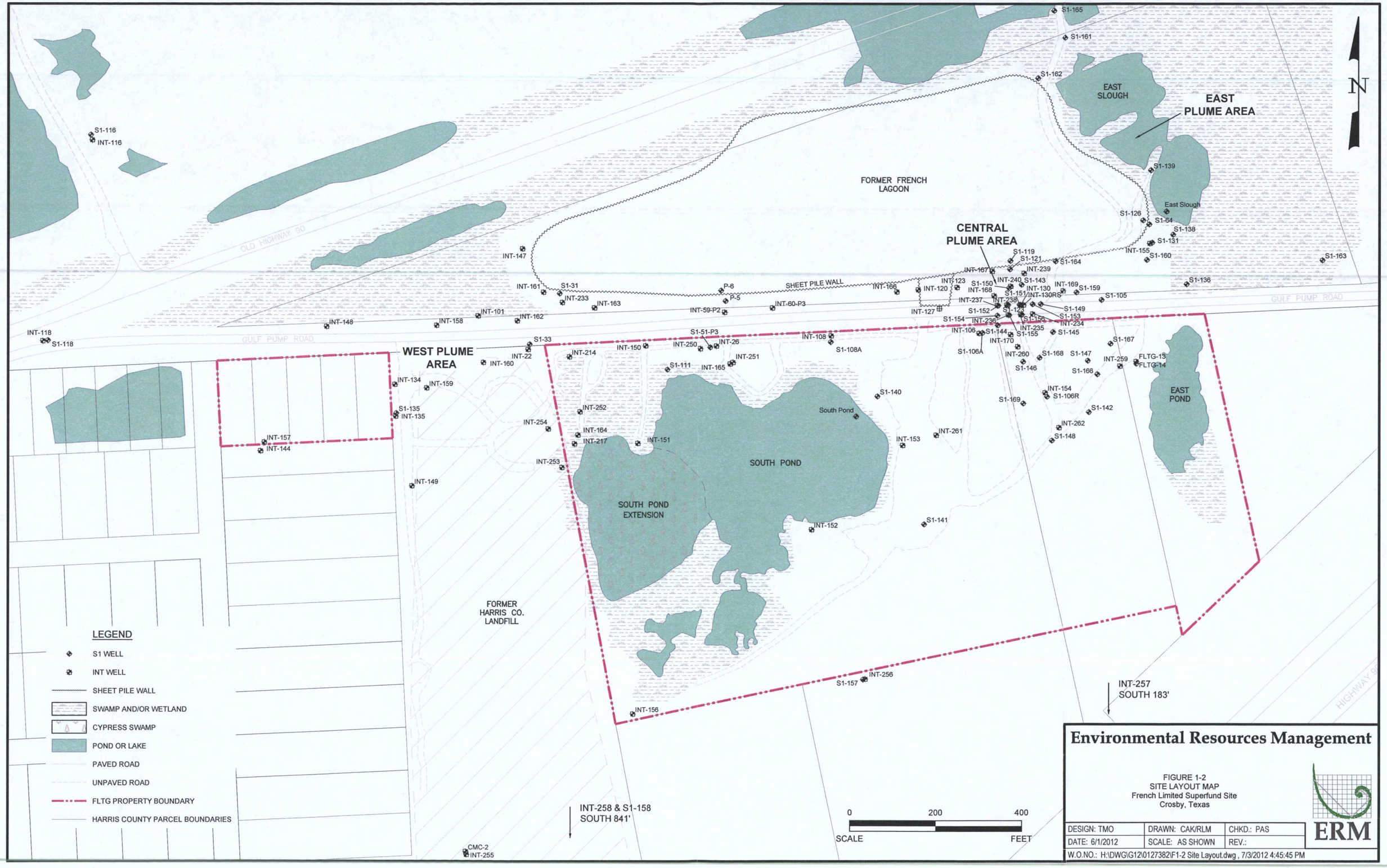
NOTES

MCL/PCL/RAO = Maximum Contaminant Level/Protective Concentration Level/Remedial Action Objective
Detected concentrations are shown in boldface (except MS/MSD results)
* = Exceedance of MCL/PCL/RAO
< 0.005 = Not Detected at the laboratory reporting limit shown
(a) = MCL not available; Texas TRRP Tier 1 commercial/industrial PCL is provided instead
(b) = RAO of 2 2 mg/L indicated in correspondence dated June 15, 2007 from USEPA to FLTG.
DUP = Duplicate

Figures

July 2, 2013
Project No. 0184582

Environmental Resources Management
15810 Park Ten Place, Suite 300
Houston, Texas 77084-5140
(281) 600-1000



Environmental Resources Management

FIGURE 1-2
SITE LAYOUT MAP
French Limited Superfund Site
Crosby, Texas

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DATE: 6/1/2012	SCALE: AS SHOWN	REV.:

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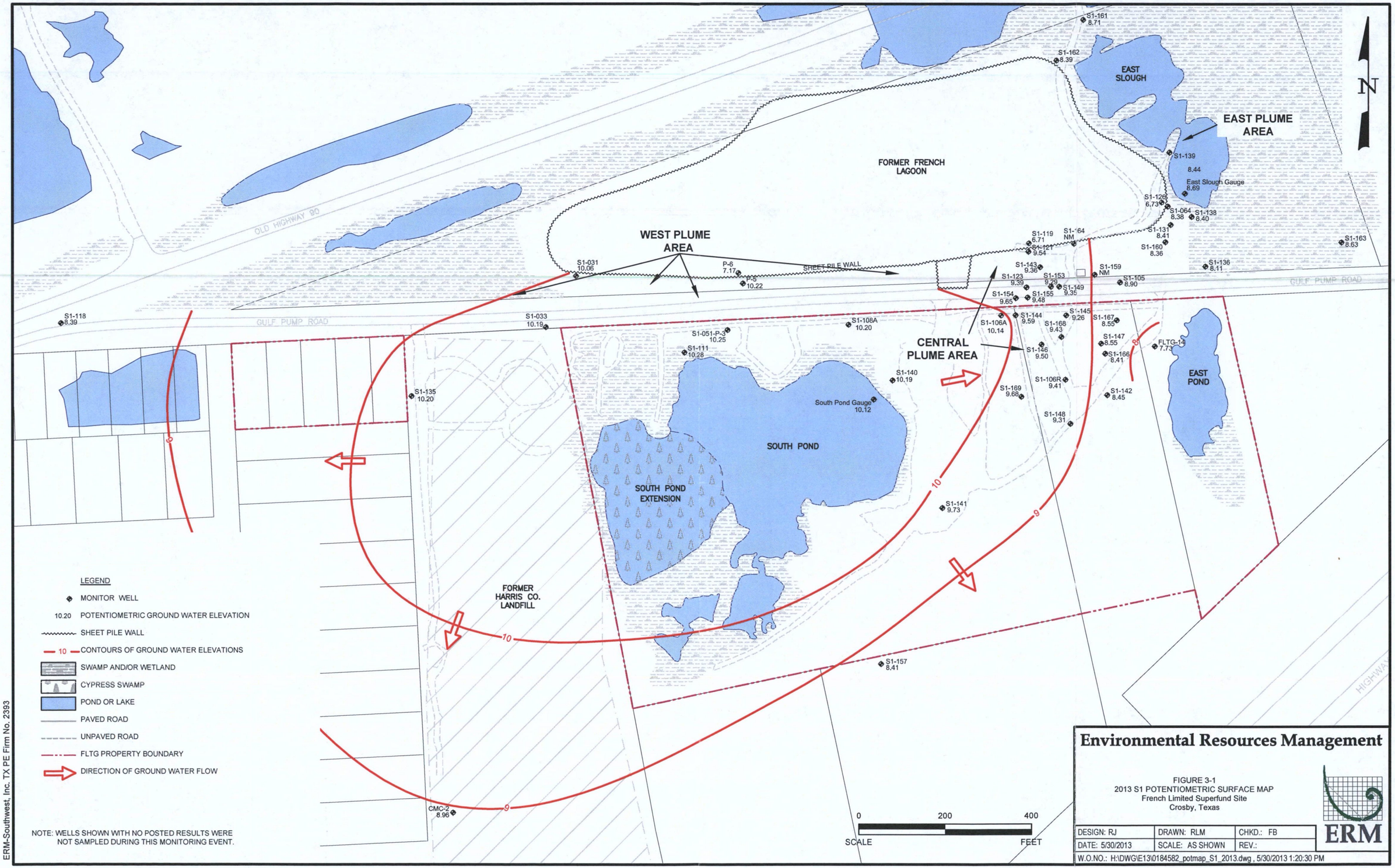
ERM



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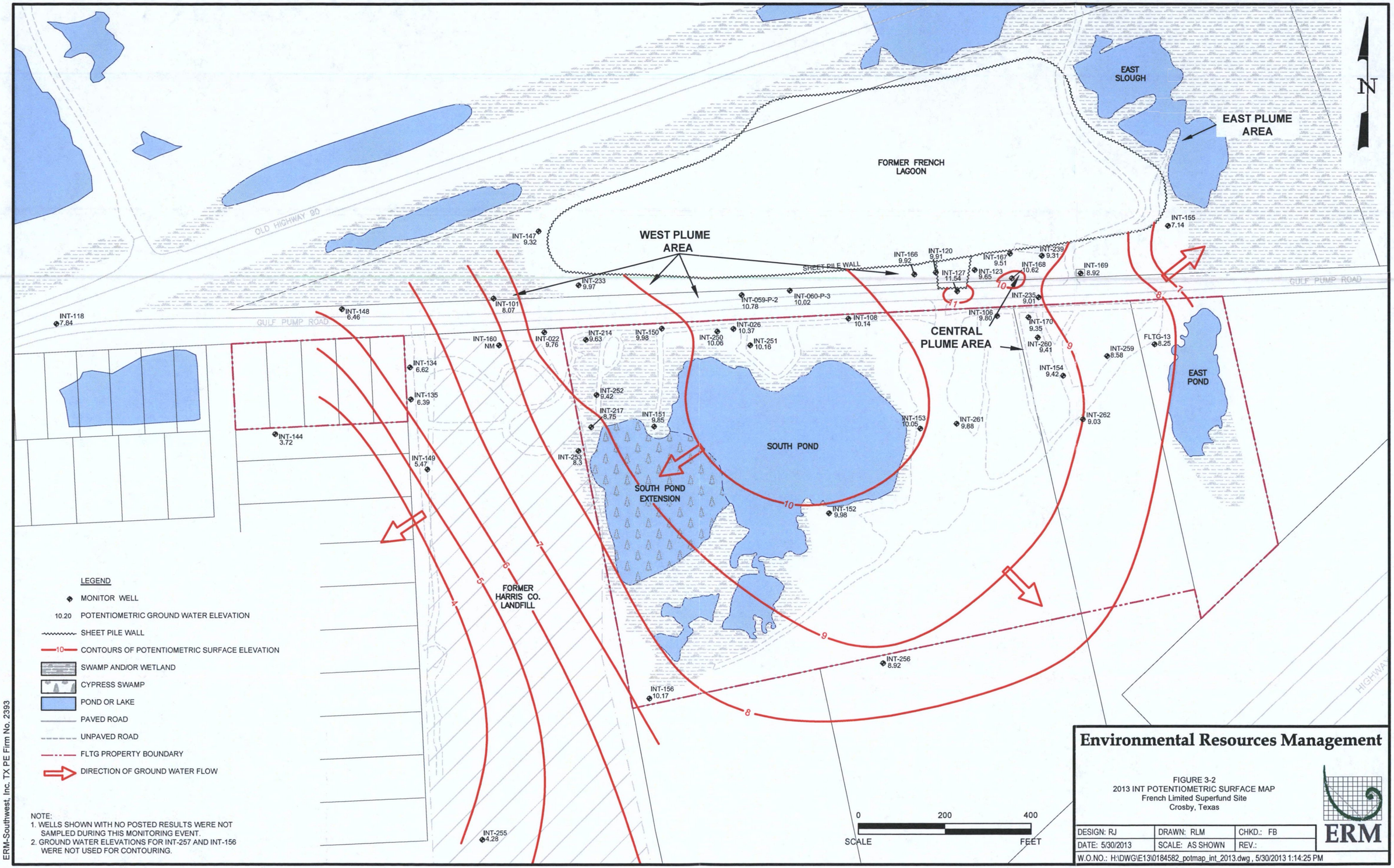
N
EAST SLOUGH
EAST PLUME AREA
FORMER FRENCH LAGOON
OLD HIGHWAY 90
WEST PLUME AREA
SHEET PILE WALL
GULF PUMP ROAD
CENTRAL PLUME AREA
EAST POND
SOUTH POND
SOUTH POND EXTENSION
FORMER HARRIS CO. LANDFILL
INT-147 9.32
INT-233 9.97
INT-101 8.07
INT-148 6.46
INT-118 7.84
INT-160 NM
INT-022 9.76
INT-214 9.63
INT-150 9.98
INT-059-P-2 10.78
INT-060-P-3 10.02
INT-250 10.06
INT-026 10.37
INT-251 10.16
INT-108 10.14
INT-166 9.92
INT-120 9.91
INT-127 11.54
INT-123 9.65
INT-167 9.51
INT-168 10.62
INT-239 9.31
INT-169 8.92
INT-155 7.14
INT-235 9.01
INT-106 9.80
INT-170 9.35
INT-260 9.41
INT-154 9.42
INT-259 8.58
FLTG-13 8.25
INT-134 6.62
INT-135 6.39
INT-144 3.72
INT-252 9.42
INT-217 8.75
INT-151 9.85
INT-253 8.3
INT-149 5.47
INT-153 10.05
INT-261 9.88
INT-262 9.03
INT-152 9.98
INT-256 8.92
INT-156 10.17
INT-255 4.28
10
11
9
8
7
6
5
4
LEGEND
MONITOR WELL
10.20 POTENTIOMETRIC GROUND WATER ELEVATION
SHEET PILE WALL
10 CONTOURS OF POTENTIOMETRIC SURFACE ELEVATION
SWAMP AND/OR WETLAND
CYPRESS SWAMP
POND OR LAKE
PAVED ROAD
UNPAVED ROAD
FLTG PROPERTY BOUNDARY
DIRECTION OF GROUND WATER FLOW
NOTE:
1. WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.
2. GROUND WATER ELEVATIONS FOR INT-257 AND INT-156 WERE NOT USED FOR CONTOURING.
0 200 400
SCALE FEET
Environmental Resources Management
FIGURE 3-2
2013 INT POTENTIOMETRIC SURFACE MAP
French Limited Superfund Site
Crosby, Texas
ERM
DESIGN: RJ
DRAWN: RLM
CHKD.: FB
DATE: 5/30/2013
SCALE: AS SHOWN
REV.:
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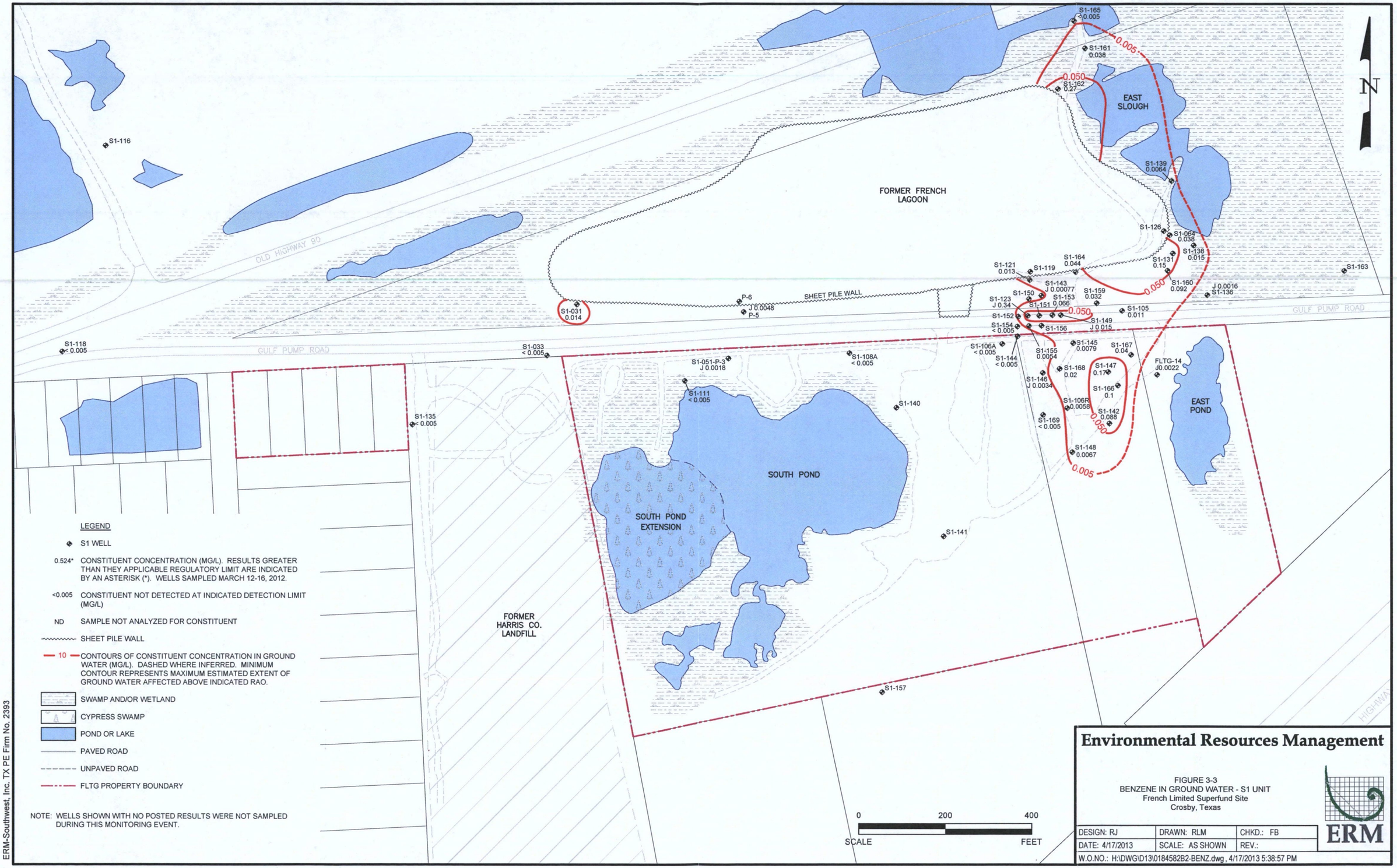
ERM-Southwest, Inc. TX PE Firm No. 2393



LEGEND

- S1 WELL
- 0.524* CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THEY APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
- <0.005 CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
- ND SAMPLE NOT ANALYZED FOR CONSTITUENT
- SHEET PILE WALL
- 10 CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
- SWAMP AND/OR WETLAND
- CYPRESS SWAMP
- POND OR LAKE
- PAVED ROAD
- UNPAVED ROAD
- FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

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Environmental Resources Management

FIGURE 3-3
BENZENE IN GROUND WATER - S1 UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

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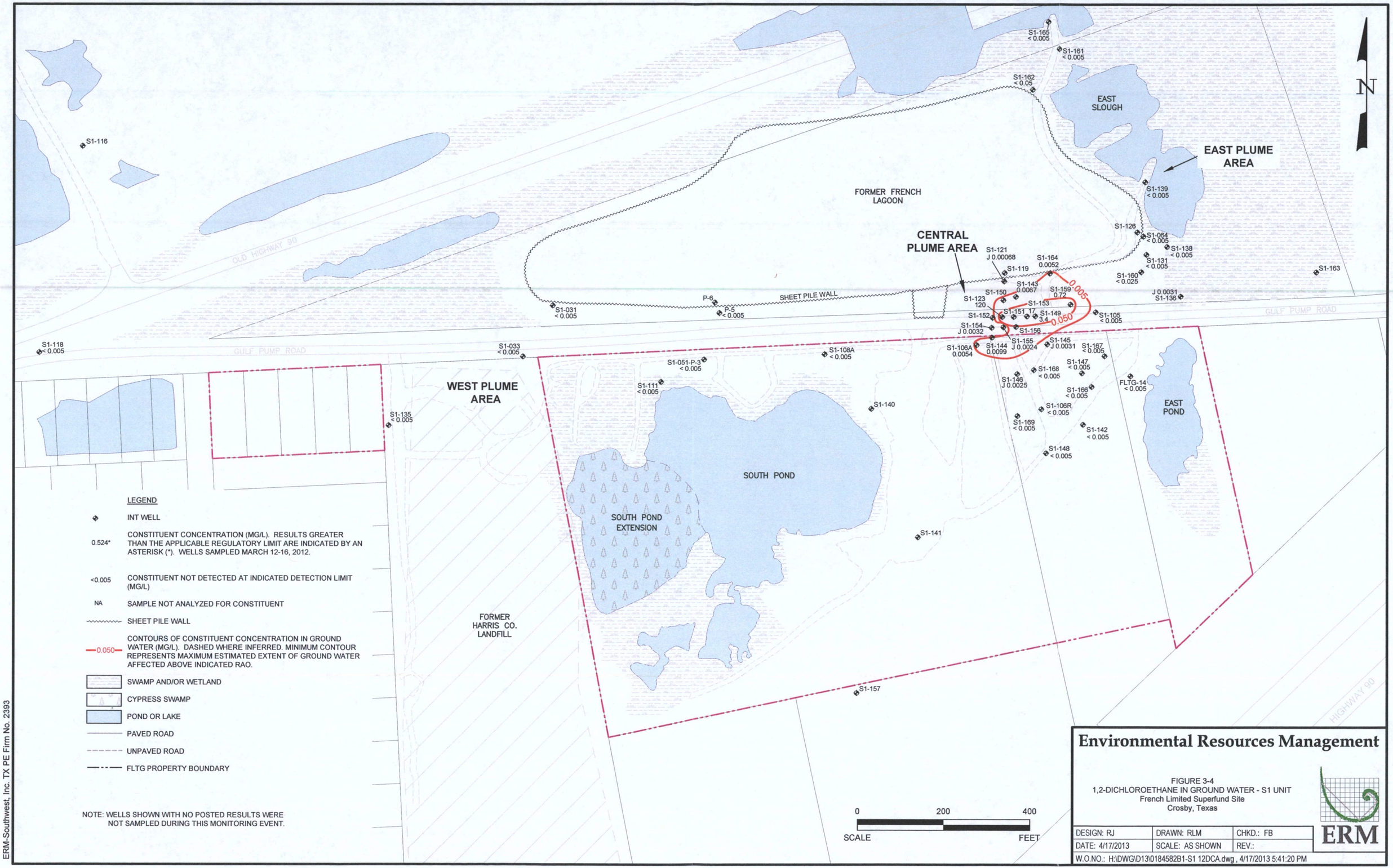
ERM



LEGEND

- INT WELL
- 0.524* — CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THE APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
- <0.005 — CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
- NA — SAMPLE NOT ANALYZED FOR CONSTITUENT
- SHEET PILE WALL
- 0.050 — CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
- SWAMP AND/OR WETLAND
- CYPRESS SWAMP
- POND OR LAKE
- PAVED ROAD
- UNPAVED ROAD
- FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

Environmental Resources Management

FIGURE 3-4
1,2-DICHLOROETHANE IN GROUND WATER - S1 UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

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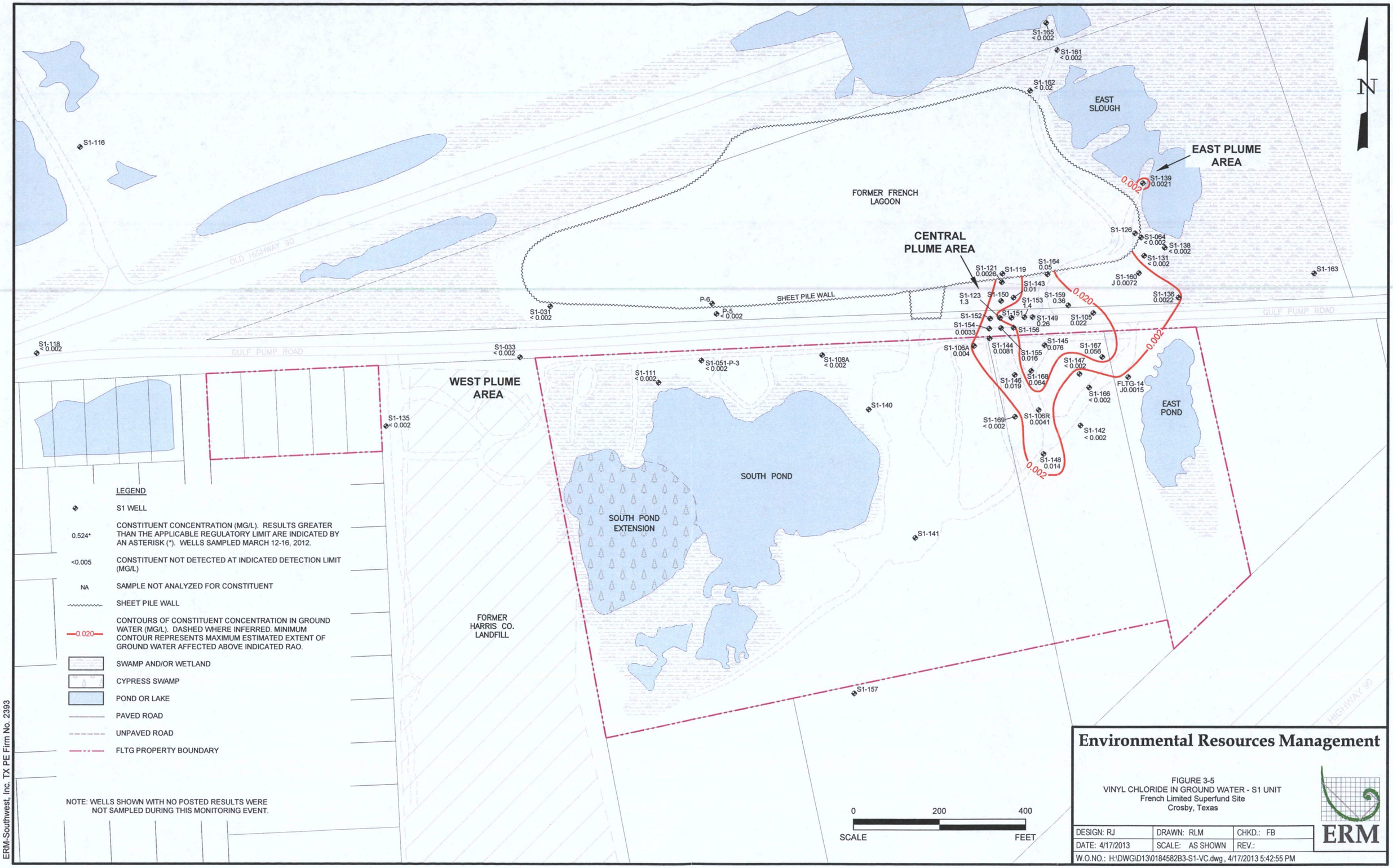
ERM

ERM-Southwest, Inc. TX PE Firm No. 2393



LEGEND

◆	S1 WELL
0.524*	CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THE APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
<0.005	CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
NA	SAMPLE NOT ANALYZED FOR CONSTITUENT
~~	SHEET PILE WALL
—0.020—	CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
	SWAMP AND/OR WETLAND
	CYPRESS SWAMP
	POND OR LAKE
	PAVED ROAD
	UNPAVED ROAD
	FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

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Environmental Resources Management

FIGURE 3-5
VINYL CHLORIDE IN GROUND WATER - S1 UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

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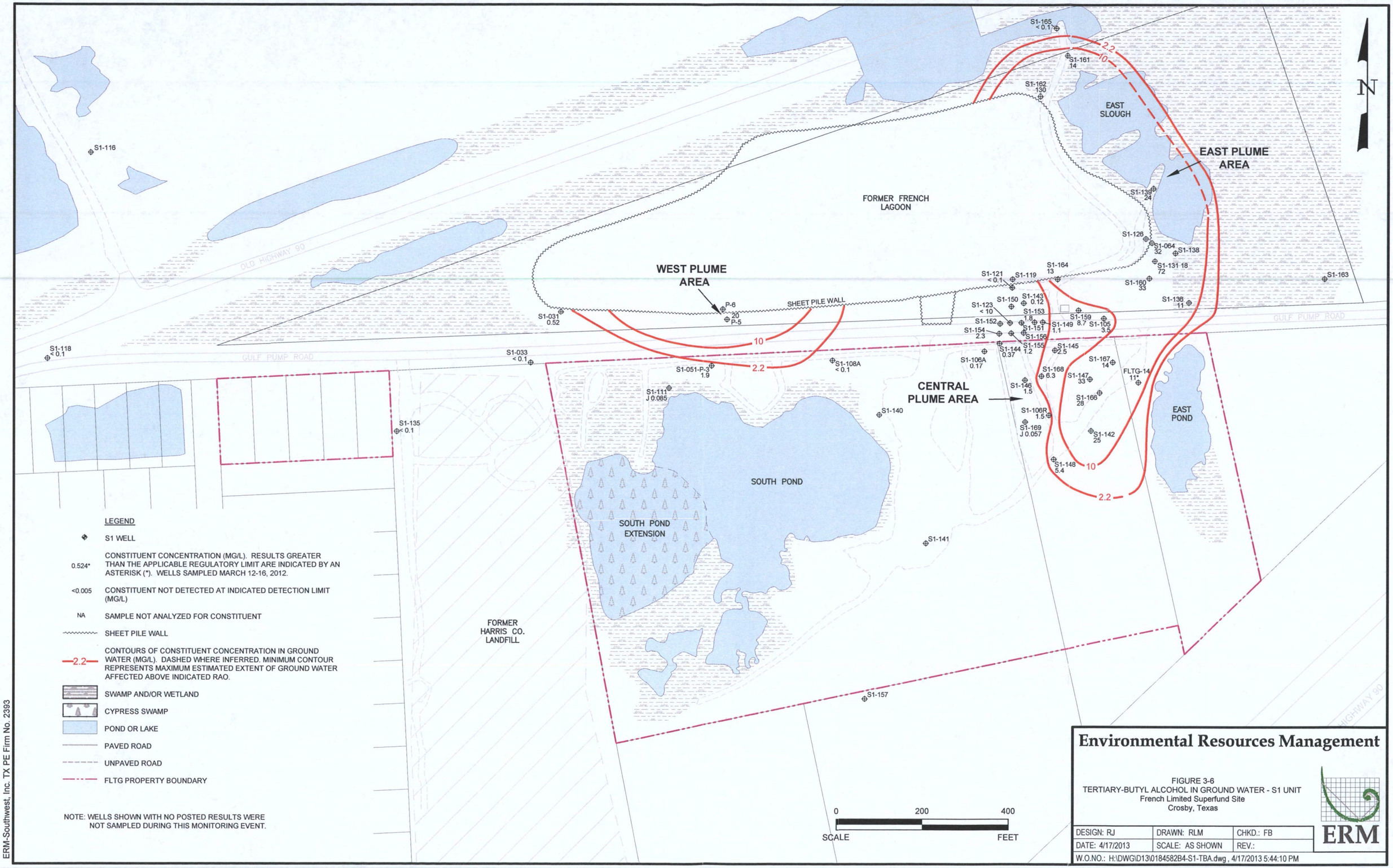
ERM



LEGEND

✥	S1 WELL
0.524*	CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THE APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
<0.005	CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
NA	SAMPLE NOT ANALYZED FOR CONSTITUENT
~~	SHEET PILE WALL
—2.2—	CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
	SWAMP AND/OR WETLAND
	CYPRESS SWAMP
	POND OR LAKE
	PAVED ROAD
	UNPAVED ROAD
	FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

Environmental Resources Management

FIGURE 3-6
TERTIARY-BUTYL ALCOHOL IN GROUND WATER - S1 UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

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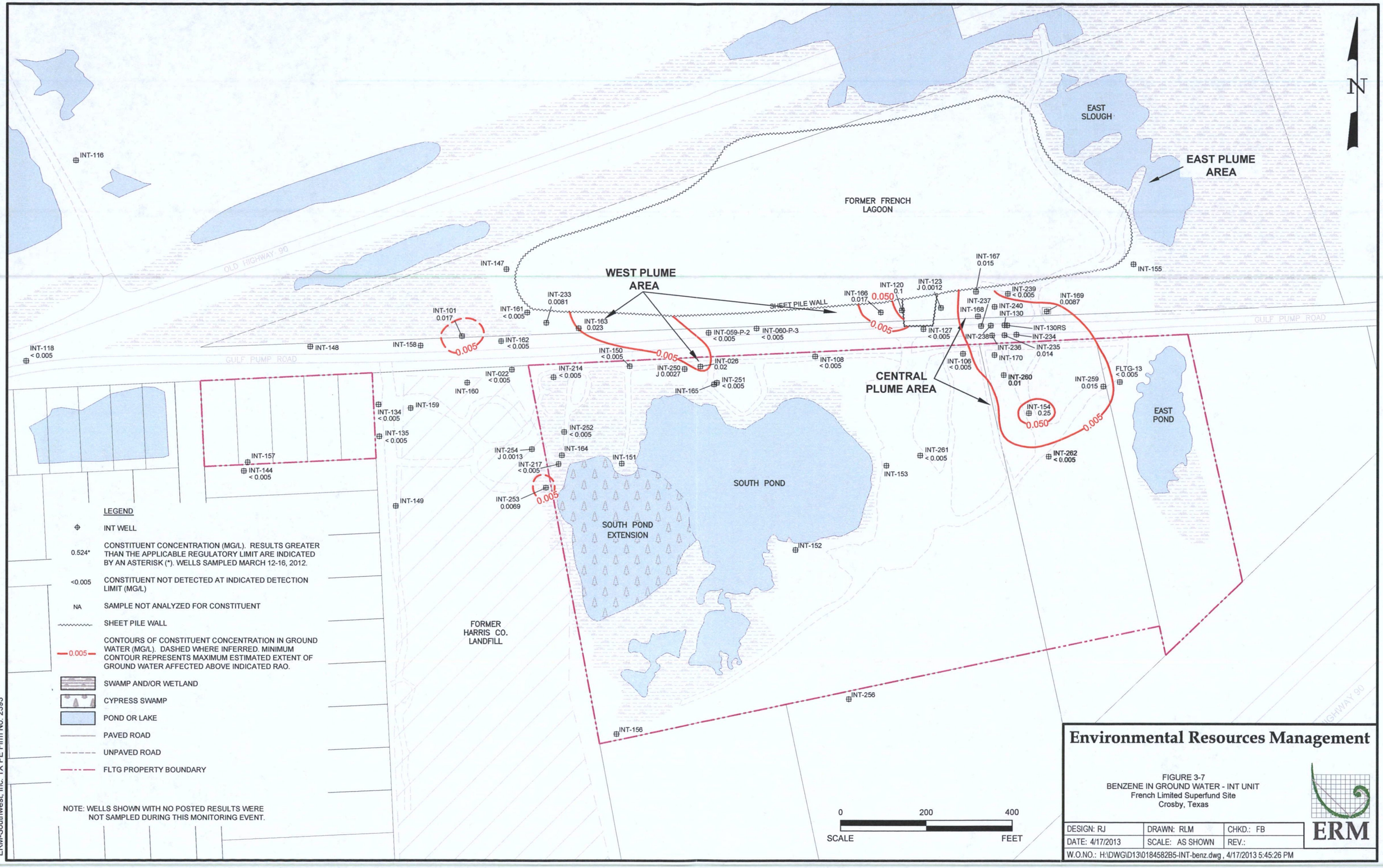
ERM-Southwest, Inc. TX PE Firm No. 2393



Environmental Resources Management

FIGURE 3-7
BENZENE IN GROUND WATER - INT UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

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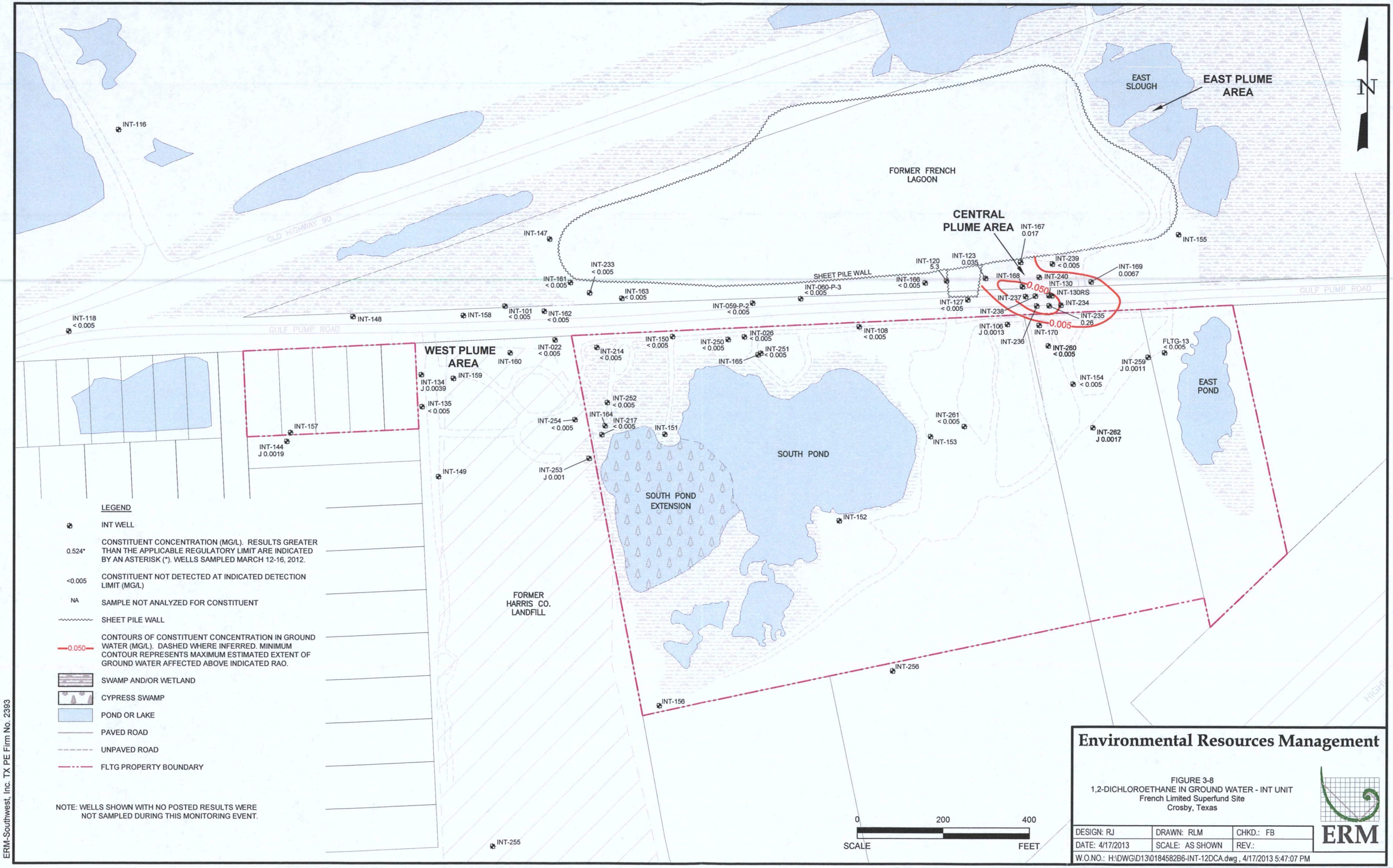
ERM

ERM-Southwest, Inc. TX PE Firm No. 2393



LEGEND

- INT WELL
- 0.524* — CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THE APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
- <0.005 — CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
- NA — SAMPLE NOT ANALYZED FOR CONSTITUENT
- SHEET PILE WALL
- 0.050 — CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
- SWAMP AND/OR WETLAND
- CYPRESS SWAMP
- POND OR LAKE
- PAVED ROAD
- UNPAVED ROAD
- FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

Environmental Resources Management

FIGURE 3-8
1,2-DICHLOROETHANE IN GROUND WATER - INT UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

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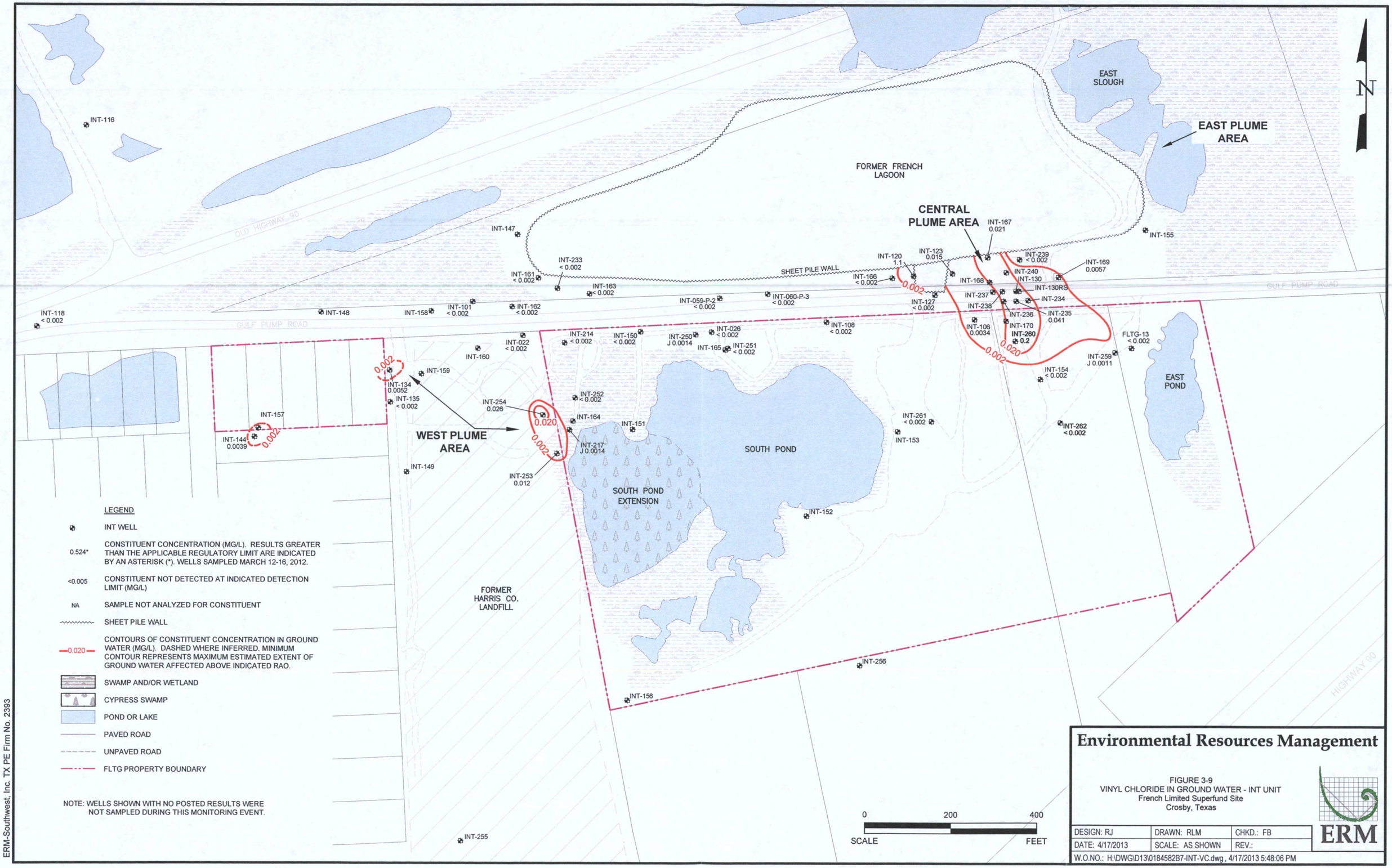
ERM

ERM-Southwest, Inc. TX PE Firm No. 2393



LEGEND

- INT WELL
- 0.524* — CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THE APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
- <0.005 — CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
- NA — SAMPLE NOT ANALYZED FOR CONSTITUENT
- SHEET PILE WALL
- 0.020 — CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
- SWAMP AND/OR WETLAND
- CYPRESS SWAMP
- POND OR LAKE
- PAVED ROAD
- UNPAVED ROAD
- FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

ERM-Southwest, Inc. TX PE Firm No. 2393

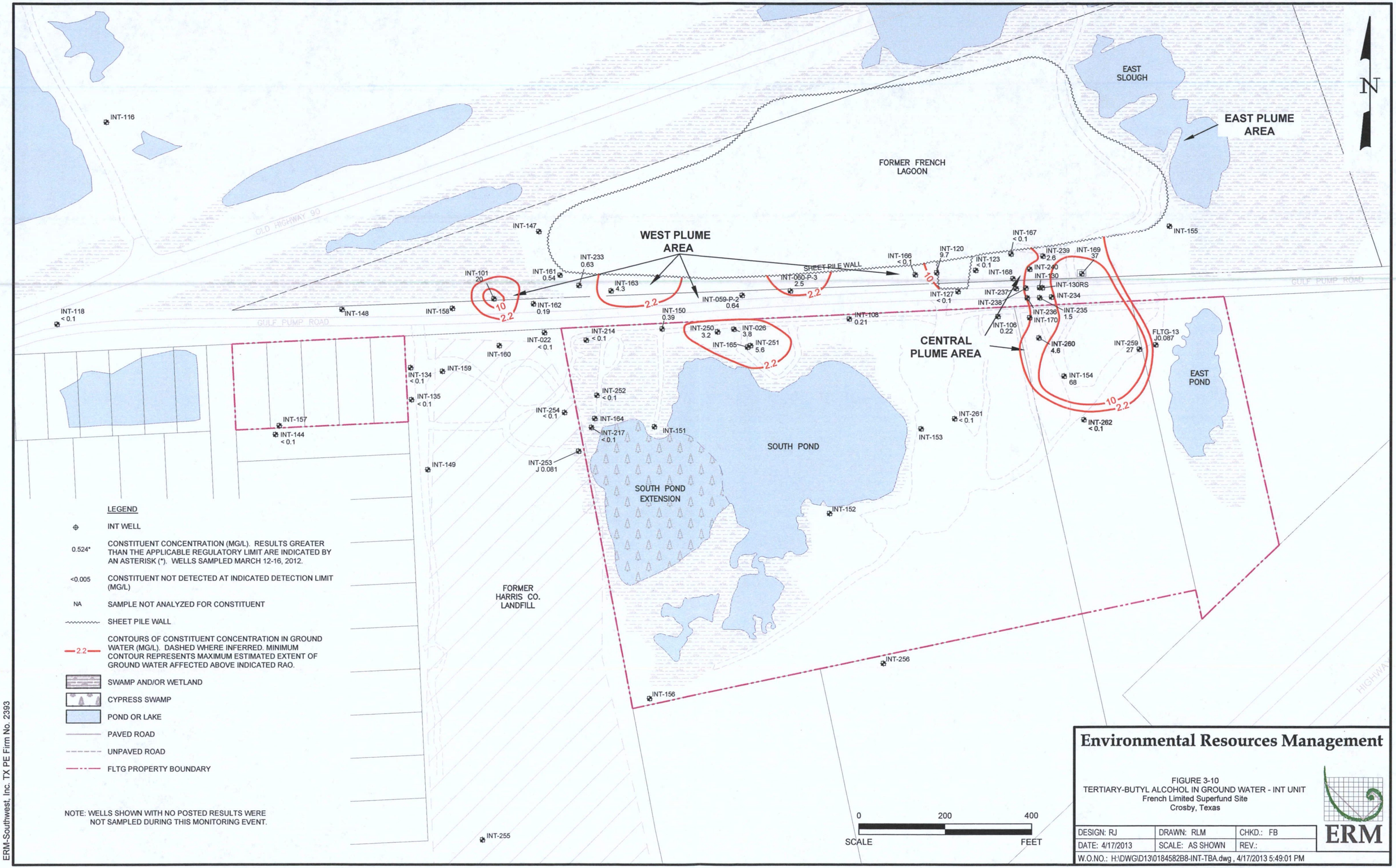
Environmental Resources Management

FIGURE 3-9
VINYL CHLORIDE IN GROUND WATER - INT UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

W.O.NO.: H:\DWG\D13\0184582B7-INT-VC.dwg , 4/17/2013 5:48:06 PM

ERM



LEGEND

⊕	INT WELL
0.524*	CONSTITUENT CONCENTRATION (MG/L). RESULTS GREATER THAN THE APPLICABLE REGULATORY LIMIT ARE INDICATED BY AN ASTERISK (*). WELLS SAMPLED MARCH 12-16, 2012.
<0.005	CONSTITUENT NOT DETECTED AT INDICATED DETECTION LIMIT (MG/L)
NA	SAMPLE NOT ANALYZED FOR CONSTITUENT
〰〰	SHEET PILE WALL
—2.2—	CONTOURS OF CONSTITUENT CONCENTRATION IN GROUND WATER (MG/L). DASHED WHERE INFERRED. MINIMUM CONTOUR REPRESENTS MAXIMUM ESTIMATED EXTENT OF GROUND WATER AFFECTED ABOVE INDICATED RAO.
	SWAMP AND/OR WETLAND
	CYPRESS SWAMP
	POND OR LAKE
	PAVED ROAD
	UNPAVED ROAD
	FLTG PROPERTY BOUNDARY

NOTE: WELLS SHOWN WITH NO POSTED RESULTS WERE NOT SAMPLED DURING THIS MONITORING EVENT.

Environmental Resources Management

FIGURE 3-10
TERTIARY-BUTYL ALCOHOL IN GROUND WATER - INT UNIT
French Limited Superfund Site
Crosby, Texas

DESIGN: RJ	DRAWN: RLM	CHKD.: FB
DATE: 4/17/2013	SCALE: AS SHOWN	REV.:

W.O.NO.: H:\DWG\D13\0184582B8-INT-TBA.dwg , 4/17/2013 5:49:01 PM

ERM

ERM-Southwest, Inc. TX PE Firm No. 2393

Laboratory Analytical Reports

Appendix A

July 2, 2013
Project No. 0184582

Environmental Resources Management
15810 Park Ten Place, Suite 300
Houston, Texas 77084-5140
(281) 600-1000

ALS Environmental

20-Mar-2013

Rob Jaros
Environmental Resources Management
15810 Park Ten Place
Suite 300
Houston, TX 77084

Tel: (281) 600-1117
Fax: (281) 600-1001

Re: FLTG 0184582-B

Work Order **1303407**

Dear Rob,

ALS Environmental received 37 samples on 12-Mar-2013 10 00 AM for the analyses presented in the following report

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental Samples will be disposed in 30 days unless storage arrangements are made

The total number of pages in this report is 124

If you have any questions regarding this report, please feel free to call me

Sincerely,

Bernadette Fini

Electronically approved by Luke F Hernandez

Bernadette A. Fini
Project Manager

Certificate No TX T104704231-12-10

ALS Environmental

Date: 20-Mar-13

Client: Environmental Resources Management
Project: FLTG 0184582-B
Work Order: 1303407

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1303407-01	INT-022	Water		3/11/2013 12:55	3/12/2013 10:00	☐
1303407-02	INT-022-Dup	Water		3/11/2013 13:00	3/12/2013 10:00	☐
1303407-03	INT-214	Water		3/11/2013 13:35	3/12/2013 10:00	☐
1303407-04	INT-250	Water		3/11/2013 14:05	3/12/2013 10:00	☐
1303407-05	S1-051-P-3	Water		3/11/2013 14:30	3/12/2013 10:00	☐
1303407-06	INT-026	Water		3/11/2013 14:55	3/12/2013 10:00	☐
1303407-07	S1-167	Water		3/11/2013 09:37	3/12/2013 10:00	☐
1303407-08	S1-147	Water		3/11/2013 10:10	3/12/2013 10:00	☐
1303407-09	INT-259	Water		3/11/2013 10:50	3/12/2013 10:00	☐
1303407-10	S1-166	Water		3/11/2013 11:15	3/12/2013 10:00	☐
1303407-11	S1-142	Water		3/11/2013 11:45	3/12/2013 10:00	☐
1303407-12	INT-262	Water		3/11/2013 12:23	3/12/2013 10:00	☐
1303407-13	S1-148	Water		3/11/2013 12:50	3/12/2013 10:00	☐
1303407-14	S1-106 R	Water		3/11/2013 13:18	3/12/2013 10:00	☐
1303407-15	INT-154	Water		3/11/2013 13:52	3/12/2013 10:00	☐
1303407-16	S1-168	Water		3/11/2013 14:30	3/12/2013 10:00	☐
1303407-17	S1-168-Dup	Water		3/11/2013 14:35	3/12/2013 10:00	☐
1303407-18	FB-1	Water		3/11/2013 15:00	3/12/2013 10:00	☐
1303407-19	INT-144	Water		3/11/2013 09:40	3/12/2013 10:00	☐
1303407-20	INT-135	Water		3/11/2013 10:05	3/12/2013 10:00	☐
1303407-21	S1-135	Water		3/11/2013 10:35	3/12/2013 10:00	☐
1303407-22	S1-135-Dup	Water		3/11/2013 10:40	3/12/2013 10:00	☐
1303407-23	INT-134	Water		3/11/2013 11:15	3/12/2013 10:00	☐
1303407-24	INT-253	Water		3/11/2013 11:40	3/12/2013 10:00	☐
1303407-25	INT-254	Water		3/11/2013 12:05	3/12/2013 10:00	☐
1303407-26	S1-033	Water		3/11/2013 12:30	3/12/2013 10:00	☐
1303407-27	INT-163	Water		3/11/2013 09:50	3/12/2013 10.00	☐
1303407-28	INT-233	Water		3/11/2013 10:25	3/12/2013 10:00	☐
1303407-29	SI-131	Water		3/11/2013 11:00	3/12/2013 10:00	☐
1303407-30	INT-161	Water		3/11/2013 11:35	3/12/2013 10:00	☐
1303407-31	P-5	Water		3/11/2013 12:15	3/12/2013 10:00	☐
1303407-32	INT-166	Water		3/11/2013 12:50	3/12/2013 10:00	☐
1303407-33	INT-120	Water		3/11/2013 13:25	3/12/2013 10:00	☐
1303407-34	INT-123	Water		3/11/2013 14:05	3/12/2013 10:00	☐
1303407-35	INT-167	Water		3/11/2013 14:50	3/12/2013 10:00	☐
1303407-36	SI-121	Water		3/11/2013 15:25	3/12/2013 10:00	☐
1303407-37	Trip Blank	Water		3/11/2013	3/12/2013 10:00	☐

Client: Environmental Resources Management
Project: FLTG 0184582-B
Work Order: 1303407

Case Narrative

Batch R143991, Volatile Organics Method 8260, Sample ID "S1-168" (1303407-16): MS and/or MSD and relative percent difference "RPD" recoveries outside quality control limits for various spike constituents, due to possible matrix interference. The associated LCS recoveries were within the control limits.

Batch R144010, Volatile Organics Method 8260, Sample ID "P-5" (1303407-31): MS and relative percent difference "RPD" recoveries outside quality control limits for various spike constituents, due to possible matrix interference. The associated LCS and MSD recoveries were within the control limits.

Batch R144051, Volatile Organics Method 8260, Sample VSTD050: Bromoform exceeded %D limits for CCV. LCS with in quality control limits. Samples associated with standard are non-detect "ND" for this constituent.

Batch R144051, Volatile Organics Method 8260, Sample ID "INT-135" (1303407-20): MS and relative percent difference "RPD" recoveries outside quality control limits for various spike constituents, due to possible matrix interference. The associated LCS and MSD recoveries were within the control limits.

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-022
Collection Date: 3/11/2013 12:55 PM

Work Order: 1303407
Lab ID: 1303407-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method **SW8260**					Analyst **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 14
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 12 14
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 14
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 14
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 12 14
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 14
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 12 14
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 12 14
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 12 14
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 12 14
Acetone	U		3 0	10	µg/L	1	3/13/2013 12 14
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 12 14
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 12 14
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 12 14
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 12 14
Bromomethane	U		1.0	5 0	µg/L	1	3/13/2013 12 14
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 12 14
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 12 14
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 12.14
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 12 14
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 12 14
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 12 14
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 14
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 12 14
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 12 14
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 12 14
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 12 14
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 12 14
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 12 14
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 12 14
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 12 14
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 12 14
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 12 14
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 14
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 12 14
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 14
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 12 14
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-022
Collection Date: 3/11/2013 12:55 PM

Work Order: 1303407
Lab ID: 1303407-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/13/2013 12 14
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 12 14
Surr 1,2-Dichloroethane-d4	*98 9*			*70-125*	*%REC*	1	3/13/2013 12 14
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/13/2013 12.14
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/13/2013 12 14
Surr Toluene-d8	*109*			*75-125*	*%REC*	1	3/13/2013 12·14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-022-Dup
Collection Date: 3/11/2013 01:00 PM

Work Order: 1303407
Lab ID: 1303407-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 07
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 15 07
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 07
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 07
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 15:07
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15:07
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 15:07
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 15:07
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 15 07
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 15:07
Acetone	U		3 0	10	µg/L	1	3/13/2013 15 07
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 15 07
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 15 07
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15:07
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 15 07
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 15 07
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 15:07
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 15 07
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 07
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 15 07
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 15 07
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 15.07
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 07
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 15 07
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15 07
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 15:07
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 15 07
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 15 07
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 15 07
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 15 07
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 15 07
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 15 07
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 15 07
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 07
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 15 07
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 07
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 15 07
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15:07

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-022-Dup
Collection Date: 3/11/2013 01:00 PM

Work Order: 1303407
Lab ID: 1303407-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 15 07
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 15 07
Surr 1,2-Dichloroethane-d4	*99 3*			*70-125*	*%REC*	1	3/13/2013 15 07
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/13/2013 15 07
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/13/2013 15 07
Surr Toluene-d8	*103*			*75-125*	*%REC*	1	3/13/2013 15 07

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-214
Collection Date: 3/11/2013 01:35 PM

Work Order: 1303407
Lab ID: 1303407-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 11
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 17 11
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 11
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 11
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 17 11
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 11
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 17 11
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 17 11
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 17 11
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 17 11
Acetone	U		3 0	10	µg/L	1	3/13/2013 17 11
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 17 11
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 17 11
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 17 11
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 17 11
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 17 11
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 17 11
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 17 11
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 17 11
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 17 11
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 17 11
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 17 11
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 11
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 17 11
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 17 11
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 17·11
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 17 11
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 17 11
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 17 11
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 17 11
o-Xylene	U		0 50	5.0	µg/L	1	3/13/2013 17 11
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 17 11
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 17 11
Tetrachloroethene	U		1.0	5 0	µg/L	1	3/13/2013 17 11
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 17 11
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17·11
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 17 11
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 11

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-214
Collection Date: 3/11/2013 01:35 PM

Work Order: 1303407
Lab ID: 1303407-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/13/2013 17 11
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 17 11
Surr 1,2-Dichloroethane-d4	*98 3*			*70-125*	*%REC*	1	3/13/2013 17 11
Surr: 4-Bromofluorobenzene	*95 8*			*72-125*	*%REC*	1	3/13/2013 17 11
Surr Dibromofluoromethane	*98 5*			*71-125*	*%REC*	1	3/13/2013 17 11
Surr Toluene-d8	*96 0*			*75-125*	*%REC*	1	3/13/2013 17 11

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-250
Collection Date: 3/11/2013 02:05 PM

Work Order: 1303407
Lab ID: 1303407-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 36
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 17 36
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 36
1,1-Dichloroethane	**5.1**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 36
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 17 36
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 36
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 17 36
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 17 36
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 17 36
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 17 36
Acetone	U		3 0	10	µg/L	1	3/13/2013 17 36
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 17 36
Benzene	**2.7**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 36
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 17 36
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 17 36
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 17 36
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 17 36
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 17 36
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 17 36
Chloroethane	**3.0**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 17 36
Chloroform	U		1.0	5 0	µg/L	1	3/13/2013 17 36
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 17.36
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 36
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 17 36
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/13/2013 17 36
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 17 36
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 17 36
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 17 36
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 17 36
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 17 36
o-Xylene	U		0.50	5 0	µg/L	1	3/13/2013 17 36
Styrene	U		0.90	5 0	µg/L	1	3/13/2013 17 36
Tert-butyl alcohol	**3,200**		**50**	**100**	**µg/L**	1	3/13/2013 17 36
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 36
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 17 36
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 36
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 17 36
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 36

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-250
Collection Date: 3/11/2013 02:05 PM

Work Order: 1303407
Lab ID: 1303407-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1.4**	J	**0.50**	**2.0**	**µg/L**	1	3/13/2013 17 36
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 17 36
Surr 1,2-Dichloroethane-d4	*95 6*			*70-125*	*%REC*	1	3/13/2013 17 36
Surr: 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/13/2013 17 36
Surr: Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/13/2013 17 36
Surr: Toluene-d8	*99 4*			*75-125*	*%REC*	1	3/13/2013 17 36

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-051-P-3
Collection Date: 3/11/2013 02:30 PM

Work Order: 1303407
Lab ID: 1303407-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst. PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 00
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/13/2013 18 00
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 00
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 00
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/13/2013 18 00
1,2-Dichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 18 00
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 18 00
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 18 00
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 18 00
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 18 00
Acetone	U		3 0	10	µg/L	1	3/13/2013 18 00
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 18 00
Benzene	**1.8**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 00
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 00
Bromoform	U		0.90	5 0	µg/L	1	3/13/2013 18 00
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 18 00
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 18 00
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 18 00
Chlorobenzene	**1.5**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 00
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 18 00
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 18 00
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 18 00
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 00
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/13/2013 18 00
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 00
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 00
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 18 00
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 18 00
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 18 00
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 18 00
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 18 00
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 18 00
Tert-butyl alcohol	**1,900**		**50**	**100**	**µg/L**	1	3/13/2013 18 00
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 00
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 18 00
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 00
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 18 00
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 00

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-051-P-3
Collection Date: 3/11/2013 02:30 PM

Work Order: 1303407
Lab ID: 1303407-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 18 00
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 18 00
Surr 1,2-Dichloroethane-d4	*94 9*			*70-125*	*%REC*	1	3/13/2013 18 00
Surr 4-Bromofluorobenzene	*99 9*			*72-125*	*%REC*	1	3/13/2013 18 00
Surr Dibromofluoromethane	*98 2*			*71-125*	*%REC*	1	3/13/2013 18 00
Surr Toluene-d8	*100*			*75-125*	*%REC*	1	3/13/2013 18 00

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-026
Collection Date: 3/11/2013 02:55 PM

Work Order: 1303407
Lab ID: 1303407-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 25
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 18 25
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 25
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 25
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 18 25
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 25
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 18 25
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 18 25
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 18 25
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 18 25
Acetone	U		3 0	10	µg/L	1	3/13/2013 18 25
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 18 25
Benzene	**20**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 25
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 25
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 18 25
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 18 25
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 18 25
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 18 25
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 25
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 18 25
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 18 25
Chloromethane	U		1 0	5.0	µg/L	1	3/13/2013 18 25
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 25
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 18 25
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 25
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 25
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 18 25
Methyl tert-butyl ether	**1.6**	**J**	**1.0**	**5.0**	**µg/L**	1	3/13/2013 18 25
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 18 25
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 18 25
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 18 25
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 18 25
Tert-butyl alcohol	**3,800**		**50**	**100**	**µg/L**	1	3/13/2013 18 25
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 25
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 18 25
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 25
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 18 25
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 25

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-026
Collection Date: 3/11/2013 02:55 PM

Work Order: 1303407
Lab ID: 1303407-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 18 25
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 18 25
Surr 1,2-Dichloroethane-d4	*97 9*			*70-125*	*%REC*	1	3/13/2013 18 25
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/13/2013 18 25
Surr: Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/13/2013 18 25
Surr Toluene-d8	*101*			*75-125*	*%REC*	1	3/13/2013 18 25

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-167
Collection Date: 3/11/2013 09:37 AM

Work Order: 1303407
Lab ID: 1303407-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method. **SW8260**				Analyst· **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 50
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 18 50
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 18 50
1,1-Dichloroethane	**5.7**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 50
1,1-Dichloroethene	**1.5**	J	**0.60**	**5.0**	**µg/L**	1	3/13/2013 18 50
1,2-Dichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 18 50
1,2-Dichloropropane	U		0 50	5.0	µg/L	1	3/13/2013 18 50
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 18 50
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 18 50
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 18 50
Acetone	U		3 0	10	µg/L	1	3/13/2013 18 50
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 18 50
Benzene	**40**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 50
Bromodichloromethane	U		0.90	5.0	µg/L	1	3/13/2013 18 50
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 18 50
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 18 50
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 18 50
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 18 50
Chlorobenzene	**2.0**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 50
Chloroethane	**10**		**1.0**	**5.0**	**µg/L**	1	3/13/2013 18 50
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 18 50
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 18 50
cis-1,2-Dichloroethene	**15**		**1.0**	**5.0**	**µg/L**	1	3/13/2013 18 50
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 18 50
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 50
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 50
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 18 50
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 18 50
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 18·50
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 18 50
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 18 50
Styrene	U		0.90	5 0	µg/L	1	3/13/2013 18 50
Tert-butyl alcohol	**14,000**		**250**	**500**	**µg/L**	5	3/14/2013 18 49
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 50
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 18 50
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 50
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 18 50
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 50

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-167
Collection Date: 3/11/2013 09:37 AM

Work Order: 1303407
Lab ID: 1303407-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**56**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 18 50
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 18 50
Surr 1,2-Dichloroethane-d4	*97 3*			*70-125*	*%REC*	1	3/13/2013 18 50
Surr 1,2-Dichloroethane-d4	*98 3*			*70-125*	*%REC*	5	3/14/2013 18 49
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/13/2013 18 50
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	5	3/14/2013 18 49
Surr Dibromofluoromethane	*96.5*			*71-125*	*%REC*	1	3/13/2013 18 50
Surr Dibromofluoromethane	*97 7*			*71-125*	*%REC*	5	3/14/2013 18 49
Surr Toluene-d8	*99 0*			*75-125*	*%REC*	1	3/13/2013 18 50
Surr Toluene-d8	*101*			*75-125*	*%REC*	5	3/14/2013 18 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-147
Collection Date: 3/11/2013 10:10 AM

Work Order: 1303407
Lab ID: 1303407-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 53
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 20 53
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 53
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 53
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 20 53
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 53
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 20 53
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 20 53
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 20 53
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 20 53
Acetone	U		3 0	10	µg/L	1	3/13/2013 20.53
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 20 53
Benzene	**170**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 20 53
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 20 53
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 20 53
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 20 53
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 20 53
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 20 53
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 20 53
Chloroethane	**4.2**	**J**	**1.0**	**5.0**	**µg/L**	1	3/13/2013 20 53
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 20 53
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 20 53
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 53
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/13/2013 20 53
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 20 53
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 20 53
m,p-Xylene	**5.7**	**J**	**1.0**	**10**	**µg/L**	1	3/13/2013 20 53
Methyl tert-butyl ether	U		1.0	5 0	µg/L	1	3/13/2013 20·53
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 20 53
Naphthalene	U		1.0	5 0	µg/L	1	3/13/2013 20 53
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 20 53
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 20 53
Tert-butyl alcohol	**33,000**		**500**	**1,000**	**µg/L**	10	3/14/2013 19 38
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 53
Toluene	**1.3**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 20 53
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 53
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 20 53
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 53

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-147
Collection Date: 3/11/2013 10:10 AM

Work Order: 1303407
Lab ID: 1303407-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 20 53
Xylenes, Total	**5.7**	**J**	**1.5**	**15**	**µg/L**	1	3/13/2013 20 53
Surr 1,2-Dichloroethane-d4	*96 5*			*70-125*	*%REC*	1	3/13/2013 20 53
Surr 1,2-Dichloroethane-d4	*107*			*70-125*	*%REC*	10	3/14/2013 19 38
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/13/2013 20 53
Surr 4-Bromofluorobenzene	*98 7*			*72-125*	*%REC*	10	3/14/2013 19 38
Surr Dibromofluoromethane	*97 8*			*71-125*	*%REC*	1	3/13/2013 20 53
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	10	3/14/2013 19 38
Surr Toluene-d8	*100*			*75-125*	*%REC*	1	3/13/2013 20 53
Surr. Toluene-d8	*98.0*			*75-125*	*%REC*	10	3/14/2013 19 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-259
Collection Date: 3/11/2013 10:50 AM

Work Order: 1303407
Lab ID: 1303407-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 16 46
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 16 46
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 16 46
1,1-Dichloroethane	**4.8**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 16 46
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 16 46
1,2-Dichloroethane	**1.1**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 16 46
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 16 46
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 16 46
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 16 46
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 16 46
Acetone	U		3 0	10	µg/L	1	3/14/2013 16 46
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 16 46
Benzene	**15**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 16 46
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 16 46
Bromoform	U		0.90	5 0	µg/L	1	3/14/2013 16 46
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 16 46
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 16 46
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 16 46
cis-1,2-Dichloroethene	**4.1**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 16 46
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 16 46
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/14/2013 16.46
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 16 46
m,p-Xylene	U		1.0	10	µg/L	1	3/14/2013 16 46
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 16 46
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
o-Xylene	U		0.50	5 0	µg/L	1	3/14/2013 16 46
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 16 46
Tert-butyl alcohol	**27,000**		**500**	**1,000**	**µg/L**	10	3/15/2013 20 09
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Toluene	U		0.50	5 0	µg/L	1	3/14/2013 16 46
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 16 46
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-259
Collection Date: 3/11/2013 10:50 AM

Work Order: 1303407
Lab ID: 1303407-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1.1**	**J**	**0.50**	**2.0**	**µg/L**	1	3/14/2013 16 46
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 16 46
Surr 1,2-Dichloroethane-d4	*97 3*			*70-125*	*%REC*	1	3/14/2013 16 46
Surr 1,2-Dichloroethane-d4	*100*			*70-125*	*%REC*	10	3/15/2013 20 09
Surr 4-Bromofluorobenzene	*107*			*72-125*	*%REC*	1	3/14/2013 16 46
Surr 4-Bromofluorobenzene	*98 4*			*72-125*	*%REC*	10	3/15/2013 20 09
Surr: Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/14/2013 16 46
Surr Dibromofluoromethane	*98.6*			*71-125*	*%REC*	10	3/15/2013 20 09
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/14/2013 16 46
Surr Toluene-d8	*97.8*			*75-125*	*%REC*	10	3/15/2013 20 09

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-166
Collection Date: 3/11/2013 11:15 AM

Work Order: 1303407
Lab ID: 1303407-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 38
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 12 38
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 38
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 38
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 12 38
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 38
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 12 38
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 12 38
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 12 38
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 12 38
Acetone	U		3 0	10	µg/L	1	3/14/2013 12 38
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 12 38
Benzene	**100**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 38
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 12 38
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 12 38
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 12 38
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 12 38
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 12 38
Chlorobenzene	**1.3**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 38
Chloroethane	U		1.0	5 0	µg/L	1	3/14/2013 12 38
Chloroform	U		1 0	5.0	µg/L	1	3/14/2013 12 38
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 12 38
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 38
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 12 38
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/14/2013 12 38
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 12 38
m,p-Xylene	**5.7**	J	**1.0**	**10**	**µg/L**	1	3/14/2013 12 38
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 12 38
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 12 38
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 12 38
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 12 38
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 12 38
Tert-butyl alcohol	**28,000**		**500**	**1,000**	**µg/L**	10	3/15/2013 15·06
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 38
Toluene	**0.74**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 38
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 38
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 12 38
Trichloroethene	U		1.0	5 0	µg/L	1	3/14/2013 12 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-166
Collection Date: 3/11/2013 11:15 AM

Work Order: 1303407
Lab ID: 1303407-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 12 38
Xylenes, Total	**5.7**	J	**1.5**	**15**	**µg/L**	1	3/14/2013 12 38
Surr 1,2-Dichloroethane-d4	*94 9*			*70-125*	*%REC*	1	3/14/2013 12 38
Surr 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	10	3/15/2013 15 06
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/14/2013 12 38
Surr 4-Bromofluorobenzene	*99 8*			*72-125*	*%REC*	10	3/15/2013 15 06
Surr: Dibromofluoromethane	*98 5*			*71-125*	*%REC*	1	3/14/2013 12 38
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	10	3/15/2013 15 06
Surr: Toluene-d8	*107*			*75-125*	*%REC*	1	3/14/2013 12 38
Surr Toluene-d8	*98 3*			*75-125*	*%REC*	10	3/15/2013 15 06

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-142
Collection Date: 3/11/2013 11:45 AM

Work Order: 1303407
Lab ID: 1303407-11
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 42
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/14/2013 14 42
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 14 42
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 42
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 14 42
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 42
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 14 42
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 14 42
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 14 42
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 14 42
Acetone	U		3 0	10	µg/L	1	3/14/2013 14 42
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 14 42
Benzene	**88**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 14 42
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 14 42
Bromoform	U		0.90	5 0	µg/L	1	3/14/2013 14 42
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 14 42
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 14 42
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 14 42
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 14 42
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 14 42
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 14 42
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 14 42
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 42
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 14 42
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 14 42
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 14 42
m,p-Xylene	**2.0**	**J**	**1.0**	**10**	**µg/L**	1	3/14/2013 14 42
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 14 42
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 14 42
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 14 42
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 14 42
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 14 42
Tert-butyl alcohol	**25,000**		**1,000**	**2,000**	**µg/L**	20	3/17/2013 13 25
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 42
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 14 42
trans-1,2-Dichloroethene	U		1.0	5 0	µg/L	1	3/14/2013 14 42
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/14/2013 14 42
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 42

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-142
Collection Date: 3/11/2013 11:45 AM

Work Order: 1303407
Lab ID: 1303407-11
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 14 42
Xylenes, Total	**2.0**	**J**	**1.5**	**15**	**µg/L**	1	3/14/2013 14 42
Surr 1,2-Dichloroethane-d4	*100*			*70-125*	*%REC*	1	3/14/2013 14 42
Surr 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	20	3/17/2013 13 25
Surr 4-Bromofluorobenzene	*94 5*			*72-125*	*%REC*	1	3/14/2013 14 42
Surr 4-Bromofluorobenzene	*98 3*			*72-125*	*%REC*	20	3/17/2013 13 25
Surr Dibromofluoromethane	*95 8*			*71-125*	*%REC*	1	3/14/2013 14 42
Surr Dibromofluoromethane	*96 6*			*71-125*	*%REC*	20	3/17/2013 13 25
Surr Toluene-d8	*96 3*			*75-125*	*%REC*	1	3/14/2013 14 42
Surr Toluene-d8	*98 5*			*75-125*	*%REC*	20	3/17/2013 13 25

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-262
Collection Date: 3/11/2013 12:23 PM

Work Order: 1303407
Lab ID: 1303407-12
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method SW8260				Analyst. PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 04
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 20 04
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 04
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 04
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 20 04
1,2-Dichloroethane	**1.7**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 20 04
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 20 04
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 20 04
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 20 04
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 20 04
Acetone	U		3 0	10	µg/L	1	3/13/2013 20 04
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 20 04
Benzene	U		0.50	5 0	µg/L	1	3/13/2013 20 04
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 20 04
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 20 04
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 20 04
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 20 04
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 20 04
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 20 04
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 20 04
Chloroform	**1.8**	**J**	**1.0**	**5.0**	**µg/L**	1	3/13/2013 20 04
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 20 04
cis-1,2-Dichloroethene	U		1.0	5.0	µg/L	1	3/13/2013 20 04
cis-1,3-Dichloropropene	U		0 50	5.0	µg/L	1	3/13/2013 20 04
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 20 04
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 20 04
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 20 04
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 20 04
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 20 04
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 20 04
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 20.04
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 20 04
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 20 04
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 04
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 20 04
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 04
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 20 04
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 04

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-262
Collection Date: 3/11/2013 12:23 PM

Work Order: 1303407
Lab ID: 1303407-12
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/13/2013 20 04
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 20 04
Surr: 1,2-Dichloroethane-d4	*96 1*			*70-125*	*%REC*	1	3/13/2013 20 04
Surr: 4-Bromofluorobenzene	*96 8*			*72-125*	*%REC*	1	3/13/2013 20 04
Surr: Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/13/2013 20 04
Surr: Toluene-d8	*103*			*75-125*	*%REC*	1	3/13/2013 20 04

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-148
Collection Date: 3/11/2013 12:50 PM

Work Order: 1303407
Lab ID: 1303407-13
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 28
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 20 28
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 28
1,1-Dichloroethane	**4.9**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 20 28
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 20 28
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 20 28
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 20 28
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 20 28
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 20 28
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 20 28
Acetone	U		3 0	10	µg/L	1	3/13/2013 20 28
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 20 28
Benzene	**6.7**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 20 28
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 20 28
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 20 28
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 20 28
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 20 28
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 20 28
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 20 28
Chloroethane	**8.2**		**1.0**	**5.0**	**µg/L**	1	3/13/2013 20 28
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 20 28
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 20 28
cis-1,2-Dichloroethene	**10**		**1.0**	**5.0**	**µg/L**	1	3/13/2013 20.28
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 20 28
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 20 28
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 20 28
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 20 28
Methyl tert-butyl ether	**1.3**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 20 28
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 20 28
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 20 28
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 20 28
Styrene	U		0 90	5.0	µg/L	1	3/13/2013 20 28
Tert-butyl alcohol	**5,400**		**250**	**500**	**µg/L**	5	3/15/2013 13 49
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 28
Toluene	U		0 50	5.0	µg/L	1	3/13/2013 20 28
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 28
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 20 28
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 20 28

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-148
Collection Date: 3/11/2013 12:50 PM

Work Order: 1303407
Lab ID: 1303407-13
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**14**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 20 28
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 20 28
Surr 1,2-Dichloroethane-d4	*97.9*			*70-125*	*%REC*	1	3/13/2013 20 28
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	5	3/15/2013 13 49
Surr 4-Bromofluorobenzene	*96 9*			*72-125*	*%REC*	1	3/13/2013 20 28
Surr 4-Bromofluorobenzene	*100*			*72-125*	*%REC*	5	3/15/2013 13 49
Surr Dibromofluoromethane	*100*			*71-125*	*%REC*	1	3/13/2013 20 28
Surr Dibromofluoromethane	*99 3*			*71-125*	*%REC*	5	3/15/2013 13 49
Surr Toluene-d8	*104*			*75-125*	*%REC*	1	3/13/2013 20 28
Surr Toluene-d8	*100*			*75-125*	*%REC*	5	3/15/2013 13 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-106 R
Collection Date: 3/11/2013 01:18 PM

Work Order: 1303407
Lab ID: 1303407-14
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 56
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 15 56
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 15 56
1,1-Dichloroethane	**6.2**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 56
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 15 56
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 56
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 15 56
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 15 56
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 15 56
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 15 56
Acetone	U		3 0	10	µg/L	1	3/14/2013 15 56
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 15 56
Benzene	**5.8**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 56
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15 56
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 15 56
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 15 56
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 15 56
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 15 56
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 56
Chloroethane	**3.0**	**J**	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 56
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 15 56
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 15 56
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 56
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 15 56
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/14/2013 15 56
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 56
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 15 56
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 15 56
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 15 56
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 15 56
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 15 56
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 15 56
Tert-butyl alcohol	**1,500**		**50**	**100**	**µg/L**	1	3/14/2013 15 56
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 56
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 15 56
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 56
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 15 56
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 56

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-106 R
Collection Date: 3/11/2013 01:18 PM

Work Order: 1303407
Lab ID: 1303407-14
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**4.1**		**0.50**	**2.0**	**µg/L**	1	3/14/2013 15 56
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 15 56
Surr 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	3/14/2013 15 56
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/14/2013 15 56
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/14/2013 15 56
Surr: Toluene-d8	*107*			*75-125*	*%REC*	1	3/14/2013 15 56

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-154
Collection Date: 3/11/2013 01:52 PM

Work Order: 1303407
Lab ID: 1303407-15
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 17 35
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 17 35
1,1,2-Trichloroethane	U		0 50	5.0	µg/L	1	3/14/2013 17 35
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 17 35
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 17 35
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 17 35
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 17 35
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 17 35
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 17 35
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 17 35
Acetone	U		3 0	10	µg/L	1	3/14/2013 17 35
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 17 35
Benzene	**250**		**12**	**120**	**µg/L**	25	3/15/2013 21 01
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 17 35
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 17 35
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 17 35
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 17 35
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 17 35
Chlorobenzene	**1.6**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 17 35
Chloroethane	**3.4**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 17 35
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 17 35
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 17 35
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 17 35
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 17 35
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 17 35
Ethylbenzene	**0.58**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 17 35
m,p-Xylene	**6.1**	J	**1.0**	**10**	**µg/L**	1	3/14/2013 17 35
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 17 35
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 17 35
Naphthalene	**1.0**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 17 35
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 17 35
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 17 35
Tert-butyl alcohol	**68,000**		**1,200**	**2,500**	**µg/L**	25	3/15/2013 21 01
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 17 35
Toluene	**1.1**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 17 35
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 17 35
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 17 35
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 17 35

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-154
Collection Date: 3/11/2013 01:52 PM

Work Order: 1303407
Lab ID: 1303407-15
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 17 35
Xylenes, Total	**6.1**	**J**	**1.5**	**15**	**µg/L**	1	3/14/2013 17 35
Surr 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	3/14/2013 17 35
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	25	3/15/2013 21 01
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/14/2013 17 35
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	25	3/15/2013 21 01
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/14/2013 17 35
Surr Dibromofluoromethane	*99.6*			*71-125*	*%REC*	25	3/15/2013 21 01
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/14/2013 17 35
Surr Toluene-d8	*101*			*75-125*	*%REC*	25	3/15/2013 21 01

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-168
Collection Date: 3/11/2013 02:30 PM

Work Order: 1303407
Lab ID: 1303407-16
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 39
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 12 39
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 39
1,1-Dichloroethane	**13**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 12 39
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 12 39
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 12 39
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 12 39
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 12 39
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 12 39
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 12 39
Acetone	U		3 0	10	µg/L	1	3/13/2013 12 39
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 12 39
Benzene	**20**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 12 39
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 12 39
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 12 39
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 12 39
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 12 39
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 12 39
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 12 39
Chloroethane	**4.1**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 12 39
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 12 39
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 12 39
cis-1,2-Dichloroethene	**3.2**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 12 39
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 12 39
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 12 39
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 12 39
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 12 39
Methyl tert-butyl ether	**1.6**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 12 39
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 12·39
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 12 39
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 12 39
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 12 39
Tert-butyl alcohol	**6,300**		**250**	**500**	**µg/L**	5	3/14/2013 15 30
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 39
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 12 39
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 39
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 12 39
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 12 39

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-168
Collection Date: 3/11/2013 02:30 PM

Work Order: 1303407
Lab ID: 1303407-16
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**64**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 12 39
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 12 39
Surr 1,2-Dichloroethane-d4	*94 2*			*70-125*	*%REC*	1	3/13/2013 12 39
Surr 1,2-Dichloroethane-d4	*99 9*			*70-125*	*%REC*	5	3/14/2013 15 30
Surr 4-Bromofluorobenzene	*97 8*			*72-125*	*%REC*	1	3/13/2013 12 39
Surr: 4-Bromofluorobenzene	*99 9*			*72-125*	*%REC*	5	3/14/2013 15 30
Surr Dibromofluoromethane	*98 4*			*71-125*	*%REC*	1	3/13/2013 12 39
Surr. Dibromofluoromethane	*95 3*			*71-125*	*%REC*	5	3/14/2013 15·30
Surr: Toluene-d8	*98.1*			*75-125*	*%REC*	1	3/13/2013 12 39
Surr: Toluene-d8	*99 4*			*75-125*	*%REC*	5	3/14/2013 15 30

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-168-Dup
Collection Date: 3/11/2013 02:35 PM

Work Order: 1303407
Lab ID: 1303407-17
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 57
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/13/2013 15 57
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 57
1,1-Dichloroethane	**14**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 15 57
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 15 57
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 57
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 15 57
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 15 57
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 15 57
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 15 57
Acetone	U		3 0	10	µg/L	1	3/13/2013 15 57
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 15 57
Benzene	**20**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 15 57
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/13/2013 15 57
Bromoform	U		0.90	5 0	µg/L	1	3/13/2013 15 57
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 15 57
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 15 57
Carbon tetrachloride	U		1 0	5.0	µg/L	1	3/13/2013 15 57
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 57
Chloroethane	**4.0**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 15 57
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 15 57
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 15 57
cis-1,2-Dichloroethene	**3.1**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 15 57
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 15 57
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15 57
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 57
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 15 57
Methyl tert-butyl ether	**1.7**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 15 57
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 15 57
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 15 57
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 15 57
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 15 57
Tert-butyl alcohol	**6,600**		**250**	**500**	**µg/L**	5	3/14/2013 15 54
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 57
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 15 57
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 57
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 15 57
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 57

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-168-Dup
Collection Date: 3/11/2013 02:35 PM

Work Order: 1303407
Lab ID: 1303407-17
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**68**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 15 57
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 15 57
Surr 1,2-Dichloroethane-d4	*99 4*			*70-125*	*%REC*	1	3/13/2013 15 57
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	5	3/14/2013 15 54
Surr 4-Bromofluorobenzene	*106*			*72-125*	*%REC*	1	3/13/2013 15 57
Surr 4-Bromofluorobenzene	*98 0*			*72-125*	*%REC*	5	3/14/2013 15 54
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/13/2013 15 57
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	5	3/14/2013 15 54
Surr Toluene-d8	*107*			*75-125*	*%REC*	1	3/13/2013 15 57
Surr Toluene-d8	*99 4*			*75-125*	*%REC*	5	3/14/2013 15 54

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FB-1
Collection Date: 3/11/2013 03:00 PM

Work Order: 1303407
Lab ID: 1303407-18
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 15 32
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/13/2013 15 32
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 15 32
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 15.32
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/13/2013 15 32
1,2-Dichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 15 32
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/13/2013 15 32
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 15 32
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 15 32
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 15 32
Acetone	U		3 0	10	µg/L	1	3/13/2013 15 32
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 15 32
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 15 32
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15 32
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 15 32
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 15 32
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 15 32
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 15 32
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 32
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 15 32
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 15 32
Chloromethane	U		1 0	5.0	µg/L	1	3/13/2013 15 32
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 32
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 15 32
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15 32
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 32
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 15 32
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 15 32
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 15 32
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 15 32
o-Xylene	U		0.50	5 0	µg/L	1	3/13/2013 15 32
Styrene	U		0.90	5 0	µg/L	1	3/13/2013 15 32
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 15·32
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 32
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 15 32
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 32
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/13/2013 15 32
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15.32

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FB-1
Collection Date: 3/11/2013 03:00 PM

Work Order: 1303407
Lab ID: 1303407-18
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 15 32
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 15 32
Surr 1,2-Dichloroethane-d4	*93 6*			*70-125*	*%REC*	1	3/13/2013 15 32
Surr 4-Bromofluorobenzene	*94 8*			*72-125*	*%REC*	1	3/13/2013 15 32
Surr Dibromofluoromethane	*99 1*			*71-125*	*%REC*	1	3/13/2013 15 32
Surr Toluene-d8	*98 1*			*75-125*	*%REC*	1	3/13/2013 15 32

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-144
Collection Date: 3/11/2013 09:40 AM

Work Order: 1303407
Lab ID: 1303407-19
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep SW3010A / 3/14/13		Analyst: ALR
Arsenic	**0.00402**	J	**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 03 01
Chromium	U		0 0012	0 00500	mg/L	1	3/15/2013 03 01
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 03 01
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 14
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 12 14
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 14
1,1-Dichloroethane	**1.4**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 14
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 12 14
1,2-Dichloroethane	**1.9**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 14
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/14/2013 12 14
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 12 14
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 12 14
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 12 14
Acetone	U		3 0	10	µg/L	1	3/14/2013 12 14
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 12 14
Benzene	U		0.50	5 0	µg/L	1	3/14/2013 12 14
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/14/2013 12 14
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 12 14
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 12 14
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 12 14
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 12 14
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 12 14
Chloroethane	U		1.0	5 0	µg/L	1	3/14/2013 12 14
Chloroform	U		1.0	5 0	µg/L	1	3/14/2013 12·14
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 12 14
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 14
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 12 14
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 12 14
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 12 14
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 12 14
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 12 14
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 12 14
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 12 14
o-Xylene	U		0.50	5 0	µg/L	1	3/14/2013 12.14
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 12 14
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 12 14
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-144
Collection Date: 3/11/2013 09:40 AM

Work Order: 1303407
Lab ID: 1303407-19
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 12 14
trans-1,2-Dichloroethene	**1.6**	**J**	**1.0**	**5.0**	**µg/L**	1	3/14/2013 12 14
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 12 14
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 14
Vinyl chloride	**3.9**		**0.50**	**2.0**	**µg/L**	1	3/14/2013 12 14
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 12 14
Surr. 1,2-Dichloroethane-d4	*97.3*			*70-125*	*%REC*	1	3/14/2013 12 14
Surr 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/14/2013 12 14
Surr Dibromofluoromethane	*100*			*71-125*	*%REC*	1	3/14/2013 12 14
Surr Toluene-d8	*103*			*75-125*	*%REC*	1	3/14/2013 12 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-135
Collection Date: 3/11/2013 10:05 AM

Work Order: 1303407
Lab ID: 1303407-20
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep SW3010A / 3/14/13		Analyst: ALR
Arsenic	**0.0141**		**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 03 06
Chromium	U		0 0012	0 00500	mg/L	1	3/15/2013 03 06
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 03.06
VOLATILES - SW8260C			Method. SW8260				Analyst· PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 11 49
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 11 49
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 11 49
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 11 49
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 11 49
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 11 49
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 11 49
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 11 49
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 11 49
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 11 49
Acetone	U		3 0	10	µg/L	1	3/14/2013 11 49
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 11 49
Benzene	U		0 50	5 0	µg/L	1	3/14/2013 11 49
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 11 49
Bromoform	U		0.90	5 0	µg/L	1	3/14/2013 11 49
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 11 49
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 11 49
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 11 49
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 11 49
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 11 49
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 11 49
Chloromethane	U		1 0	5.0	µg/L	1	3/14/2013 11 49
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 11 49
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 11 49
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 11 49
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 11 49
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 11 49
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 11 49
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 11 49
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 11 49
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 11 49
Styrene	U		0.90	5 0	µg/L	1	3/14/2013 11 49
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 11 49
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 11 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-135
Collection Date: 3/11/2013 10:05 AM

Work Order: 1303407
Lab ID: 1303407-20
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 11 49
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 11 49
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 11 49
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 11 49
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 11 49
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 11 49
Surr 1,2-Dichloroethane-d4	*100*			*70-125*	*%REC*	1	3/14/2013 11 49
Surr 4-Bromofluorobenzene	*96 0*			*72-125*	*%REC*	1	3/14/2013 11 49
Surr Dibromofluoromethane	*100*			*71-125*	*%REC*	1	3/14/2013 11 49
Surr Toluene-d8	*95 6*			*75-125*	*%REC*	1	3/14/2013 11 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-135
Collection Date: 3/11/2013 10:35 AM

Work Order: 1303407
Lab ID: 1303407-21
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep SW3010A / 3/15/13		Analyst. ALR
Arsenic	**0.104**		**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 15 18
Chromium	**0.00198**	J	**0.0012**	**0.00500**	**mg/L**	1	3/15/2013 15 18
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 15 18
VOLATILES - SW8260C			Method SW8260				Analyst· AKP
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 14 03
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/13/2013 14 03
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 14 03
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 14 03
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 14 03
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 14 03
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 14 03
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 14 03
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 14.03
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 14 03
Acetone	U		3 0	10	µg/L	1	3/13/2013 14 03
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 14 03
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 14 03
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/13/2013 14 03
Bromoform	U		0.90	5 0	µg/L	1	3/13/2013 14 03
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 14 03
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 14 03
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 14 03
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 14 03
Chloroethane	U		1.0	5 0	µg/L	1	3/13/2013 14 03
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 14 03
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 14 03
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 14 03
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 14 03
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 14 03
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 14 03
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 14 03
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 14 03
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 14 03
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 14 03
o-Xylene	U		0.50	5 0	µg/L	1	3/13/2013 14·03
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 14 03
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 14.03
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 14 03

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-135
Collection Date: 3/11/2013 10:35 AM

Work Order: 1303407
Lab ID: 1303407-21
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 14 03
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 14 03
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 14 03
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 14 03
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 14 03
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 14 03
Surr 1,2-Dichloroethane-d4	*110*			*70-125*	*%REC*	1	3/13/2013 14 03
Surr 4-Bromofluorobenzene	*97 4*			*72-125*	*%REC*	1	3/13/2013 14 03
Surr Dibromofluoromethane	*115*			*71-125*	*%REC*	1	3/13/2013 14 03
Surr Toluene-d8	*115*			*75-125*	*%REC*	1	3/13/2013 14 03

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-135-Dup
Collection Date: 3/11/2013 10:40 AM

Work Order: 1303407
Lab ID: 1303407-22
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep SW3010A / 3/15/13		Analyst ALR
Arsenic	**0.0938**		**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 16 54
Chromium	**0.00174**	J	**0.0012**	**0.00500**	**mg/L**	1	3/15/2013 16 54
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 16 54
VOLATILES - SW8260C			Method: SW8260				Analyst AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 40
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 15 40
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 40
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 40
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 15 40
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 15 40
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 15 40
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 15 40
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 15 40
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 15 40
Acetone	U		3 0	10	µg/L	1	3/13/2013 15 40
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 15 40
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 15 40
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15 40
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 15 40
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 15 40
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 15 40
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 15 40
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 40
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 15 40
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 15 40
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 15 40
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 40
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 15 40
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 15 40
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 15 40
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 15 40
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 15 40
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 15 40
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 15 40
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 15 40
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 15 40
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 15 40
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-135-Dup
Collection Date: 3/11/2013 10:40 AM

Work Order: 1303407
Lab ID: 1303407-22
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 15 40
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 40
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 15 40
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 15 40
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 15 40
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 15 40
Surr 1,2-Dichloroethane-d4	*112*			*70-125*	*%REC*	1	3/13/2013 15 40
Surr 4-Bromofluorobenzene	*99 2*			*72-125*	*%REC*	1	3/13/2013 15 40
Surr Dibromofluoromethane	*114*			*71-125*	*%REC*	1	3/13/2013 15 40
Surr Toluene-d8	*113*			*75-125*	*%REC*	1	3/13/2013 15 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-134
Collection Date: 3/11/2013 11:15 AM

Work Order: 1303407
Lab ID: 1303407-23
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: **SW8260**				Analyst. **AKP**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 16 52
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 16 52
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 16 52
1,1-Dichloroethane	**6.4**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 16 52
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 16 52
1,2-Dichloroethane	**3.9**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 16 52
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 16 52
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 16 52
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 16 52
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 16 52
Acetone	U		3 0	10	µg/L	1	3/13/2013 16 52
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 16 52
Benzene	U		0 50	5 0	µg/L	1	3/13/2013 16 52
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/13/2013 16 52
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 16.52
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 16 52
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 16 52
Carbon tetrachloride	U		1.0	5 0	µg/L	1	3/13/2013 16 52
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 16 52
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 16 52
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 16 52
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 16 52
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 16 52
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 16 52
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 16 52
Ethylbenzene	U		0.50	5 0	µg/L	1	3/13/2013 16 52
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 16 52
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 16 52
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 16 52
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 16 52
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 16 52
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 16 52
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 16 52
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 16 52
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 16 52
trans-1,2-Dichloroethene	**3.2**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 16 52
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 16 52
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 16 52

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-134
Collection Date: 3/11/2013 11:15 AM

Work Order: 1303407
Lab ID: 1303407-23
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**5.2**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 16 52
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 16 52
Surr 1,2-Dichloroethane-d4	*109*			*70-125*	*%REC*	1	3/13/2013 16 52
Surr 4-Bromofluorobenzene	*99 1*			*72-125*	*%REC*	1	3/13/2013 16 52
Surr Dibromofluoromethane	*110*			*71-125*	*%REC*	1	3/13/2013 16 52
Surr Toluene-d8	*115*			*75-125*	*%REC*	1	3/13/2013 16 52

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-253
Collection Date: 3/11/2013 11:40 AM

Work Order: 1303407
Lab ID: 1303407-24
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 16
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/13/2013 17 16
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 16
1,1-Dichloroethane	**1.3**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 16
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 17 16
1,2-Dichloroethane	**1.0**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 16
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/13/2013 17 16
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 17 16
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 17 16
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 17 16
Acetone	U		3 0	10	µg/L	1	3/13/2013 17 16
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 17 16
Benzene	**6.9**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 16
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/13/2013 17 16
Bromoform	U		0.90	5 0	µg/L	1	3/13/2013 17·16
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 17·16
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 17 16
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 17 16
Chlorobenzene	**2.2**	**J**	**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 16
Chloroethane	**8.1**		**1.0**	**5.0**	**µg/L**	1	3/13/2013 17 16
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 17.16
Chloromethane	U		1.0	5 0	µg/L	1	3/13/2013 17 16
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 16
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 17.16
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/13/2013 17 16
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 17 16
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 17 16
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 17 16
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 17 16
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 17 16
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 17 16
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 17 16
Tert-butyl alcohol	**81**	**J**	**50**	**100**	**µg/L**	1	3/13/2013 17 16
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 16
Toluene	U		0.50	5 0	µg/L	1	3/13/2013 17 16
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 16
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 17 16
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 16

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-253
Collection Date: 3/11/2013 11:40 AM

Work Order: 1303407
Lab ID: 1303407-24
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**12**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 17 16
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 17·16
Surr· 1,2-Dichloroethane-d4	*110*			*70-125*	*%REC*	1	3/13/2013 17 16
Surr· 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/13/2013 17 16
Surr Dibromofluoromethane	*112*			*71-125*	*%REC*	1	3/13/2013 17 16
Surr: Toluene-d8	*114*			*75-125*	*%REC*	1	3/13/2013 17 16

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-254
Collection Date: 3/11/2013 12:05 PM

Work Order: 1303407
Lab ID: 1303407-25
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: **SW8260**					Analyst: **AKP**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 40
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 17 40
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 17 40
1,1-Dichloroethane	**13**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 40
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 17 40
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 17 40
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 17 40
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 17 40
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 17 40
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 17 40
Acetone	U		3 0	10	µg/L	1	3/13/2013 17 40
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 17 40
Benzene	**1.3**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 40
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 17 40
Bromoform	U		0 90	5 0	µg/L	1	3/13/2013 17 40
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 17 40
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 17 40
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 17 40
Chlorobenzene	**0.84**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 17 40
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 17 40
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 17 40
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 17 40
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 40
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 17·40
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 17 40
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 17 40
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 17·40
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 17 40
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 17 40
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 17 40
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 17 40
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 17 40
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 17 40
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 40
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 17 40
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 40
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 17 40
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 17 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-254
Collection Date: 3/11/2013 12:05 PM

Work Order: 1303407
Lab ID: 1303407-25
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**26**		**0.50**	**2.0**	**µg/L**	1	3/13/2013 17 40
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 17 40
Surr 1,2-Dichloroethane-d4	*108*			*70-125*	*%REC*	1	3/13/2013 17 40
Surr 4-Bromofluorobenzene	*100*			*72-125*	*%REC*	1	3/13/2013 17 40
Surr Dibromofluoromethane	*110*			*71-125*	*%REC*	1	3/13/2013 17 40
Surr Toluene-d8	*115*			*75-125*	*%REC*	1	3/13/2013 17 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-033
Collection Date: 3/11/2013 12:30 PM

Work Order: 1303407
Lab ID: 1303407-26
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method. SW6020		Prep SW3010A / 3/15/13		Analyst· ALR
Arsenic	**0.00210**	J	**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 16 59
Chromium	U		0 0012	0 00500	mg/L	1	3/15/2013 16 59
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 16 59
VOLATILES - SW8260C			Method: SW8260				Analyst· AKP
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 18 05
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 18 05
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 18 05
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 05
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/13/2013 18 05
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 05
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 18 05
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 18 05
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 18 05
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 18 05
Acetone	U		3 0	10	µg/L	1	3/13/2013 18 05
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 18 05
Benzene	U		0.50	5 0	µg/L	1	3/13/2013 18 05
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 05
Bromoform	U		0.90	5 0	µg/L	1	3/13/2013 18 05
Bromomethane	U		1 0	5 0	µg/L	1	3/13/2013 18 05
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 18 05
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 18 05
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 05
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 18 05
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 18 05
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 18 05
cis-1,2-Dichloroethene	U		1.0	5 0	µg/L	1	3/13/2013 18 05
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 18 05
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 05
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 05
m,p-Xylene	U		1 0	10	µg/L	1	3/13/2013 18 05
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/13/2013 18 05
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 18 05
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 18 05
o-Xylene	U		0 50	5 0	µg/L	1	3/13/2013 18 05
Styrene	U		0.90	5 0	µg/L	1	3/13/2013 18 05
Tert-butyl alcohol	U		50	100	µg/L	1	3/13/2013 18 05
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 05

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-033
Collection Date: 3/11/2013 12:30 PM

Work Order: 1303407
Lab ID: 1303407-26
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/13/2013 18 05
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 05
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 18 05
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 05
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 18 05
Xylenes, Total	U		1 5	15	µg/L	1	3/13/2013 18 05
Surr 1,2-Dichloroethane-d4	*108*			*70-125*	*%REC*	1	3/13/2013 18 05
Surr: 4-Bromofluorobenzene	*99 4*			*72-125*	*%REC*	1	3/13/2013 18 05
Surr Dibromofluoromethane	*111*			*71-125*	*%REC*	1	3/13/2013 18 05
Surr Toluene-d8	*115*			*75-125*	*%REC*	1	3/13/2013 18 05

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-163
Collection Date: 3/11/2013 09:50 AM

Work Order: 1303407
Lab ID: 1303407-27
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst. AKP
1,1,1-Trichloroethane	U		0.50	5.0	µg/L	1	3/13/2013 18 29
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/13/2013 18 29
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/13/2013 18 29
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18·29
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/13/2013 18 29
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/13/2013 18 29
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/13/2013 18·29
2-Butanone	U		2 0	10	µg/L	1	3/13/2013 18 29
2-Hexanone	U		2 0	10	µg/L	1	3/13/2013 18 29
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/13/2013 18 29
Acetone	U		3 0	10	µg/L	1	3/13/2013 18 29
Allyl Chloride	U		10	10	µg/L	1	3/13/2013 18·29
Benzene	**23**		**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 29
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 29
Bromoform	U		0.90	5 0	µg/L	1	3/13/2013 18 29
Bromomethane	U		1.0	5 0	µg/L	1	3/13/2013 18 29
Carbon disulfide	U		2 0	10	µg/L	1	3/13/2013 18 29
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/13/2013 18 29
Chlorobenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 29
Chloroethane	U		1 0	5 0	µg/L	1	3/13/2013 18 29
Chloroform	U		1 0	5 0	µg/L	1	3/13/2013 18 29
Chloromethane	U		1 0	5 0	µg/L	1	3/13/2013 18 29
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 29
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/13/2013 18·29
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/13/2013 18 29
Ethylbenzene	U		0 50	5 0	µg/L	1	3/13/2013 18 29
m,p-Xylene	**3.8**	J	**1.0**	**10**	**µg/L**	1	3/13/2013 18.29
Methyl tert-butyl ether	**1.8**	J	**1.0**	**5.0**	**µg/L**	1	3/13/2013 18 29
Methylene chloride	U		1 0	10	µg/L	1	3/13/2013 18 29
Naphthalene	U		1 0	5 0	µg/L	1	3/13/2013 18 29
o-Xylene	**0.73**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 29
Styrene	U		0 90	5 0	µg/L	1	3/13/2013 18 29
Tert-butyl alcohol	**4,300**		**250**	**500**	**µg/L**	5	3/14/2013 17 10
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 29
Toluene	**0.71**	J	**0.50**	**5.0**	**µg/L**	1	3/13/2013 18 29
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 29
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/13/2013 18 29
Trichloroethene	U		1 0	5 0	µg/L	1	3/13/2013 18 29

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-163
Collection Date: 3/11/2013 09:50 AM

Work Order: 1303407
Lab ID: 1303407-27
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/13/2013 18 29
Xylenes, Total	**4.6**	J	**1.5**	**15**	**µg/L**	1	3/13/2013 18 29
Surr 1,2-Dichloroethane-d4	*109*			*70-125*	*%REC*	1	3/13/2013 18 29
Surr 1,2-Dichloroethane-d4	*96 5*			*70-125*	*%REC*	5	3/14/2013 17 10
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/13/2013 18 29
Surr 4-Bromofluorobenzene	*98 9*			*72-125*	*%REC*	5	3/14/2013 17 10
Surr. Dibromofluoromethane	*111*			*71-125*	*%REC*	1	3/13/2013 18 29
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	5	3/14/2013 17 10
Surr Toluene-d8	*117*			*75-125*	*%REC*	1	3/13/2013 18 29
Surr Toluene-d8	*115*			*75-125*	*%REC*	5	3/14/2013 17 10

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-233
Collection Date: 3/11/2013 10:25 AM

Work Order: 1303407
Lab ID: 1303407-28
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method SW8260				Analyst AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 16 22
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 16 22
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 16 22
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 16 22
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/14/2013 16 22
1,2-Dichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 16 22
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/14/2013 16 22
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 16 22
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 16·22
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 16 22
Acetone	U		3 0	10	µg/L	1	3/14/2013 16 22
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 16 22
Benzene	**8.1**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 16 22
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 16 22
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 16 22
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 16 22
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 16 22
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 16 22
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 16 22
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 16 22
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 16 22
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 16 22
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 22
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 16 22
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 16 22
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 16 22
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 16 22
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 16.22
Methylene chloride	U		1.0	10	µg/L	1	3/14/2013 16 22
Naphthalene	U		1.0	5 0	µg/L	1	3/14/2013 16 22
o-Xylene	U		0.50	5 0	µg/L	1	3/14/2013 16 22
Styrene	U		0.90	5 0	µg/L	1	3/14/2013 16 22
Tert-butyl alcohol	**630**		**50**	**100**	**µg/L**	1	3/14/2013 16·22
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 22
Toluene	U		0.50	5 0	µg/L	1	3/14/2013 16 22
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 22
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 16 22
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 22

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-233
Collection Date: 3/11/2013 10:25 AM

Work Order: 1303407
Lab ID: 1303407-28
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 16 22
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 16 22
Surr 1,2-Dichloroethane-d4	*97 6*			*70-125*	*%REC*	1	3/14/2013 16 22
Surr 4-Bromofluorobenzene	*99 3*			*72-125*	*%REC*	1	3/14/2013 16 22
Surr Dibromofluoromethane	*107*			*71-125*	*%REC*	1	3/14/2013 16 22
Surr Toluene-d8	*114*			*75-125*	*%REC*	1	3/14/2013 16 22

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: SI-131
Collection Date: 3/11/2013 11:00 AM

Work Order: 1303407
Lab ID: 1303407-29
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep SW3010A / 3/15/13		Analyst: ALR
Arsenic	**0.0132**		**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 17 38
Chromium	U		0 0012	0 00500	mg/L	1	3/15/2013 17 38
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 17 38
VOLATILES - SW8260C			Method: SW8260				Analyst. AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 16 46
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 16 46
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 16·46
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 16 46
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 16 46
1,2-Dichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 16 46
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 16·46
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 16 46
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 16 46
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 16 46
Acetone	U		3 0	10	µg/L	1	3/14/2013 16 46
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 16.46
Benzene	**14**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 16 46
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 16 46
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 16.46
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 16 46
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Chlorobenzene	**1.4**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 16 46
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 16 46
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 16 46
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 16 46
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 16 46
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 16 46
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 16 46
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 16·46
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 16 46
Tert-butyl alcohol	**520**		**50**	**100**	**µg/L**	1	3/14/2013 16 46
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: SI-131
Collection Date: 3/11/2013 11:00 AM

Work Order: 1303407
Lab ID: 1303407-29
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0.50	5 0	µg/L	1	3/14/2013 16 46
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/14/2013 16 46
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 16 46
Vinyl chloride	U		0.50	2 0	µg/L	1	3/14/2013 16 46
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 16 46
Surr 1,2-Dichloroethane-d4	*96 8*			*70-125*	*%REC*	1	3/14/2013 16 46
Surr 4-Bromofluorobenzene	*99 6*			*72-125*	*%REC*	1	3/14/2013 16 46
Surr: Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/14/2013 16 46
Surr Toluene-d8	*115*			*75-125*	*%REC*	1	3/14/2013 16 46

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-161
Collection Date: 3/11/2013 11:35 AM

Work Order: 1303407
Lab ID: 1303407-30
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 21
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 14 21
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 21
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 21
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 14 21
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 21
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 14 21
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 14 21
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 14 21
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 14 21
Acetone	U		3 0	10	µg/L	1	3/14/2013 14 21
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 14 21
Benzene	U		0 50	5 0	µg/L	1	3/14/2013 14 21
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 14 21
Bromoform	U		0.90	5 0	µg/L	1	3/14/2013 14 21
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 14 21
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 14 21
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 14 21
Chlorobenzene	**2.3**	**J**	**0.50**	**5.0**	**µg/L**	1	3/14/2013 14 21
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 14 21
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 14 21
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 14 21
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14·21
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/14/2013 14 21
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/14/2013 14 21
Ethylbenzene	U		0.50	5 0	µg/L	1	3/14/2013 14 21
m,p-Xylene	**2.9**	**J**	**1.0**	**10**	**µg/L**	1	3/14/2013 14 21
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 14 21
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 14 21
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 14 21
o-Xylene	**1.3**	**J**	**0.50**	**5.0**	**µg/L**	1	3/14/2013 14 21
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 14 21
Tert-butyl alcohol	**540**		**50**	**100**	**µg/L**	1	3/14/2013 14 21
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 21
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 14 21
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 21
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 14 21
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 21

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-161
Collection Date: 3/11/2013 11:35 AM

Work Order: 1303407
Lab ID: 1303407-30
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 14 21
Xylenes, Total	**4.2**	**J**	**1.5**	**15**	**µg/L**	1	3/14/2013 14 21
Surr 1,2-Dichloroethane-d4	*97 3*			*70-125*	*%REC*	1	3/14/2013 14 21
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/14/2013 14 21
Surr Dibromofluoromethane	*107*			*71-125*	*%REC*	1	3/14/2013 14 21
Surr Toluene-d8	*113*			*75-125*	*%REC*	1	3/14/2013 14 21

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: P-5
Collection Date: 3/11/2013 12:15 PM

Work Order: 1303407
Lab ID: 1303407-31
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 43
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 12 43
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 43
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 43
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 12 43
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 43
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 12 43
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 12 43
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 12 43
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 12 43
Acetone	**4.6**	J	**3.0**	**10**	**µg/L**	1	3/14/2013 12 43
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 12.43
Benzene	**4.8**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 43
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 12 43
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 12 43
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 12 43
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 12 43
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 12 43
Chlorobenzene	**0.86**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 43
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 12 43
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 12 43
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 12 43
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12.43
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 12 43
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/14/2013 12 43
Ethylbenzene	U		0.50	5 0	µg/L	1	3/14/2013 12 43
m,p-Xylene	**6.6**	J	**1.0**	**10**	**µg/L**	1	3/14/2013 12 43
Methyl tert-butyl ether	**2.8**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 12 43
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 12 43
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 12 43
o-Xylene	**0.91**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 43
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 12 43
Tert-butyl alcohol	**20,000**		**500**	**1,000**	**µg/L**	10	3/14/2013 13 56
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 43
Toluene	**0.63**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 12 43
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 43
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 12 43
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 43

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: P-5
Collection Date: 3/11/2013 12:15 PM

Work Order: 1303407
Lab ID: 1303407-31
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 12 43
Xylenes, Total	**7.5**	**J**	**1.5**	**15**	**µg/L**	1	3/14/2013 12 43
Surr 1,2-Dichloroethane-d4	*96 1*			*70-125*	*%REC*	1	3/14/2013 12 43
Surr 1,2-Dichloroethane-d4	*95 9*			*70-125*	*%REC*	10	3/14/2013 13 56
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/14/2013 12 43
Surr 4-Bromofluorobenzene	*100*			*72-125*	*%REC*	10	3/14/2013 13 56
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/14/2013 12 43
Surr Dibromofluoromethane	*108*			*71-125*	*%REC*	10	3/14/2013 13 56
Surr Toluene-d8	*114*			*75-125*	*%REC*	1	3/14/2013 12 43
Surr Toluene-d8	*115*			*75-125*	*%REC*	10	3/14/2013 13 56

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-166
Collection Date: 3/11/2013 12:50 PM

Work Order: 1303407
Lab ID: 1303407-32
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: **SW8260**					Analyst: **AKP**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 45
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 14 45
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 45
1,1-Dichloroethane	**0.66**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 14 45
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 14 45
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 14 45
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 14 45
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 14 45
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 14 45
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 14 45
Acetone	U		3 0	10	µg/L	1	3/14/2013 14 45
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 14 45
Benzene	**17**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 14 45
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 14·45
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 14 45
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 14 45
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 14 45
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 14 45
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 14 45
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 14 45
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 14 45
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 14 45
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 45
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 14 45
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 14 45
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 14 45
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 14 45
Methyl tert-butyl ether	**1.2**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 14 45
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 14 45
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 14 45
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 14 45
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 14 45
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 14 45
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 45
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 14 45
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 45
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 14 45
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 14 45

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-166
Collection Date: 3/11/2013 12:50 PM

Work Order: 1303407
Lab ID: 1303407-32
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 14 45
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 14 45
Surr 1,2-Dichloroethane-d4	*97 2*			*70-125*	*%REC*	1	3/14/2013 14 45
Surr: 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/14/2013 14 45
Surr: Dibromofluoromethane	*107*			*71-125*	*%REC*	1	3/14/2013 14 45
Surr Toluene-d8	*115*			*75-125*	*%REC*	1	3/14/2013 14 45

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-120
Collection Date: 3/11/2013 01:25 PM

Work Order: 1303407
Lab ID: 1303407-33
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: **SW8260**					Analyst: **AKP**
1,1,1-Trichloroethane	U		5 0	50	µg/L	10	3/14/2013 17 35
1,1,2,2-Tetrachloroethane	U		6 0	50	µg/L	10	3/14/2013 17 35
1,1,2-Trichloroethane	U		5 0	50	µg/L	10	3/14/2013 17 35
1,1-Dichloroethane	**470**		**5.0**	**50**	**µg/L**	10	3/14/2013 17 35
1,1-Dichloroethene	**43**	J	**6.0**	**50**	**µg/L**	10	3/14/2013 17 35
1,2-Dichloroethane	**5,300**		**50**	**500**	**µg/L**	100	3/14/2013 17 59
1,2-Dichloropropane	U		5 0	50	µg/L	10	3/14/2013 17 35
2-Butanone	U		20	100	µg/L	10	3/14/2013 17 35
2-Hexanone	U		20	100	µg/L	10	3/14/2013 17 35
4-Methyl-2-pentanone	U		18	100	µg/L	10	3/14/2013 17 35
Acetone	U		30	100	µg/L	10	3/14/2013 17 35
Allyl Chloride	U		100	100	µg/L	10	3/14/2013 17 35
Benzene	**100**		**5.0**	**50**	**µg/L**	10	3/14/2013 17 35
Bromodichloromethane	U		9 0	50	µg/L	10	3/14/2013 17 35
Bromoform	U		9 0	50	µg/L	10	3/14/2013 17 35
Bromomethane	U		10	50	µg/L	10	3/14/2013 17 35
Carbon disulfide	U		20	100	µg/L	10	3/14/2013 17 35
Carbon tetrachloride	U		10	50	µg/L	10	3/14/2013 17 35
Chlorobenzene	U		5 0	50	µg/L	10	3/14/2013 17 35
Chloroethane	U		10	50	µg/L	10	3/14/2013 17 35
Chloroform	U		10	50	µg/L	10	3/14/2013 17 35
Chloromethane	U		10	50	µg/L	10	3/14/2013 17 35
cis-1,2-Dichloroethene	**1,500**		**10**	**50**	**µg/L**	10	3/14/2013 17 35
cis-1,3-Dichloropropene	U		5 0	50	µg/L	10	3/14/2013 17 35
Dibromochloromethane	U		9 0	50	µg/L	10	3/14/2013 17.35
Ethylbenzene	U		5 0	50	µg/L	10	3/14/2013 17 35
m,p-Xylene	U		10	100	µg/L	10	3/14/2013 17 35
Methyl tert-butyl ether	U		10	50	µg/L	10	3/14/2013 17 35
Methylene chloride	U		10	100	µg/L	10	3/14/2013 17 35
Naphthalene	U		10	50	µg/L	10	3/14/2013 17 35
o-Xylene	**5.5**	J	**5.0**	**50**	**µg/L**	10	3/14/2013 17 35
Styrene	U		9 0	50	µg/L	10	3/14/2013 17 35
Tert-butyl alcohol	**9,700**		**500**	**1,000**	**µg/L**	10	3/14/2013 17 35
Tetrachloroethene	**110**		**10**	**50**	**µg/L**	10	3/14/2013 17 35
Toluene	**9.5**	J	**5.0**	**50**	**µg/L**	10	3/14/2013 17 35
trans-1,2-Dichloroethene	U		10	50	µg/L	10	3/14/2013 17 35
trans-1,3-Dichloropropene	U		9 0	50	µg/L	10	3/14/2013 17 35
Trichloroethene	**32**	J	**10**	**50**	**µg/L**	10	3/14/2013 17 35

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-120
Collection Date: 3/11/2013 01:25 PM

Work Order: 1303407
Lab ID: 1303407-33
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1,100**		**5.0**	**20**	**µg/L**	10	3/14/2013 17 35
Xylenes, Total	U		15	150	µg/L	10	3/14/2013 17 35
Surr 1,2-Dichloroethane-d4	*90 0*			*70-125*	*%REC*	10	3/14/2013 17 35
Surr 1,2-Dichloroethane-d4	*90 5*			*70-125*	*%REC*	100	3/14/2013 17 59
Surr 4-Bromofluorobenzene	*99 3*			*72-125*	*%REC*	10	3/14/2013 17 35
Surr 4-Bromofluorobenzene	*96 0*			*72-125*	*%REC*	100	3/14/2013 17 59
Surr Dibromofluoromethane	*106*			*71-125*	*%REC*	10	3/14/2013 17 35
Surr Dibromofluoromethane	*108*			*71-125*	*%REC*	100	3/14/2013 17 59
Surr Toluene-d8	*115*			*75-125*	*%REC*	10	3/14/2013 17 35
Surr Toluene-d8	*114*			*75-125*	*%REC*	100	3/14/2013 17 59

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-123
Collection Date: 3/11/2013 02:05 PM

Work Order: 1303407
Lab ID: 1303407-34
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method. SW8260				Analyst· AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 09
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 15 09
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 09
1,1-Dichloroethane	**67**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 09
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 15 09
1,2-Dichloroethane	**35**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 09
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 15 09
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 15 09
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 15 09
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 15 09
Acetone	U		3 0	10	µg/L	1	3/14/2013 15 09
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 15 09
Benzene	**1.2**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 09
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15 09
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 15 09
Bromomethane	**3.4**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 09
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 15 09
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 15 09
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 09
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 15 09
Chloroform	**1.2**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 09
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 15 09
cis-1,2-Dichloroethene	**34**		**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 09
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/14/2013 15 09
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15 09
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 09
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 15 09
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 15 09
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 15 09
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 15 09
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 15 09
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 15 09
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 15 09
Tetrachloroethene	**1.1**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 09
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 15 09
trans-1,2-Dichloroethene	**2.2**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 09
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 15 09
Trichloroethene	**1.4**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 09

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-123
Collection Date: 3/11/2013 02:05 PM

Work Order: 1303407
Lab ID: 1303407-34
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**15**		**0.50**	**2.0**	**µg/L**	1	3/14/2013 15 09
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 15 09
Surr 1,2-Dichloroethane-d4	*91 8*			*70-125*	*%REC*	1	3/14/2013 15 09
Surr. 4-Bromofluorobenzene	*98 2*			*72-125*	*%REC*	1	3/14/2013 15 09
Surr Dibromofluoromethane	*106*			*71-125*	*%REC*	1	3/14/2013 15 09
Surr Toluene-d8	*114*			*75-125*	*%REC*	1	3/14/2013 15 09

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-167
Collection Date: 3/11/2013 02:50 PM

Work Order: 1303407
Lab ID: 1303407-35
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 34
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 15 34
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 34
1,1-Dichloroethane	**43**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 34
1,1-Dichloroethene	**2.1**	J	**0.60**	**5.0**	**µg/L**	1	3/14/2013 15 34
1,2-Dichloroethane	**17**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 34
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 15 34
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 15 34
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 15 34
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 15 34
Acetone	U		3 0	10	µg/L	1	3/14/2013 15 34
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 15 34
Benzene	**15**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15:34
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15:34
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 15 34
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 15 34
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 15 34
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 15 34
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 34
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 15 34
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 15 34
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 15 34
cis-1,2-Dichloroethene	**28**		**1.0**	**5.0**	**µg/L**	1	3/14/2013 15.34
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 15 34
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15 34
Ethylbenzene	**1.2**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 34
m,p-Xylene	**2.2**	J	**1.0**	**10**	**µg/L**	1	3/14/2013 15:34
Methyl tert-butyl ether	U		1 0	5.0	µg/L	1	3/14/2013 15 34
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 15 34
Naphthalene	**6.1**		**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 34
o-Xylene	**1.7**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 34
Styrene	U		0.90	5.0	µg/L	1	3/14/2013 15 34
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 15 34
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 34
Toluene	**2.8**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 34
trans-1,2-Dichloroethene	**2.7**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15 34
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/14/2013 15 34
Trichloroethene	**4.5**	J	**1.0**	**5.0**	**µg/L**	1	3/14/2013 15:34

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-167
Collection Date: 3/11/2013 02:50 PM

Work Order: 1303407
Lab ID: 1303407-35
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**21**		**0.50**	**2.0**	**µg/L**	1	3/14/2013 15 34
Xylenes, Total	**3.9**	J	**1.5**	**15**	**µg/L**	1	3/14/2013 15 34
Surr: 1,2-Dichloroethane-d4	*98 0*			*70-125*	*%REC*	1	3/14/2013 15 34
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/14/2013 15 34
Surr Dibromofluoromethane	*106*			*71-125*	*%REC*	1	3/14/2013 15 34
Surr Toluene-d8	*114*			*75-125*	*%REC*	1	3/14/2013 15 34

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: SI-121
Collection Date: 3/11/2013 03:25 PM

Work Order: 1303407
Lab ID: 1303407-36
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 58
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 15 58
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 15 58
1,1-Dichloroethane	**1.1**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 58
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 15 58
1,2-Dichloroethane	**0.68**	J	**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 58
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 15 58
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 15 58
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 15 58
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 15 58
Acetone	U		3 0	10	µg/L	1	3/14/2013 15 58
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 15 58
Benzene	**13**		**0.50**	**5.0**	**µg/L**	1	3/14/2013 15 58
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15 58
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 15 58
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 15 58
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 15 58
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 15 58
Chlorobenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 58
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 15 58
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 15 58
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 15 58
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 58
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 15 58
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 15 58
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 15 58
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 15 58
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 15 58
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 15 58
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 15.58
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 15 58
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 15 58
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 15 58
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15.58
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 15 58
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 58
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/14/2013 15 58
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 15 58

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: SI-121
Collection Date: 3/11/2013 03:25 PM

Work Order: 1303407
Lab ID: 1303407-36
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**2.6**		**0.50**	**2.0**	**µg/L**	1	3/14/2013 15 58
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 15 58
Surr 1,2-Dichloroethane-d4	*96 3*			*70-125*	*%REC*	1	3/14/2013 15 58
Surr 4-Bromofluorobenzene	*97.7*			*72-125*	*%REC*	1	3/14/2013 15 58
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/14/2013 15 58
Surr Toluene-d8	*113*			*75-125*	*%REC*	1	3/14/2013 15 58

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: Trip Blank
Collection Date: 3/11/2013

Work Order: 1303407
Lab ID: 1303407-37
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: AKP
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 19
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/14/2013 12 19
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 12 19
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/14/2013 12 19
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/14/2013 12 19
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/14/2013 12 19
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/14/2013 12 19
2-Butanone	U		2 0	10	µg/L	1	3/14/2013 12 19
2-Hexanone	U		2 0	10	µg/L	1	3/14/2013 12 19
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/14/2013 12 19
Acetone	U		3 0	10	µg/L	1	3/14/2013 12 19
Allyl Chloride	U		10	10	µg/L	1	3/14/2013 12 19
Benzene	U		0 50	5 0	µg/L	1	3/14/2013 12 19
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/14/2013 12 19
Bromoform	U		0 90	5 0	µg/L	1	3/14/2013 12 19
Bromomethane	U		1 0	5 0	µg/L	1	3/14/2013 12 19
Carbon disulfide	U		2 0	10	µg/L	1	3/14/2013 12 19
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/14/2013 12 19
Chlorobenzene	U		0.50	5 0	µg/L	1	3/14/2013 12 19
Chloroethane	U		1 0	5 0	µg/L	1	3/14/2013 12 19
Chloroform	U		1 0	5 0	µg/L	1	3/14/2013 12 19
Chloromethane	U		1 0	5 0	µg/L	1	3/14/2013 12 19
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 19
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/14/2013 12 19
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/14/2013 12 19
Ethylbenzene	U		0 50	5 0	µg/L	1	3/14/2013 12 19
m,p-Xylene	U		1 0	10	µg/L	1	3/14/2013 12 19
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/14/2013 12 19
Methylene chloride	U		1 0	10	µg/L	1	3/14/2013 12 19
Naphthalene	U		1 0	5 0	µg/L	1	3/14/2013 12 19
o-Xylene	U		0 50	5 0	µg/L	1	3/14/2013 12 19
Styrene	U		0 90	5 0	µg/L	1	3/14/2013 12 19
Tert-butyl alcohol	U		50	100	µg/L	1	3/14/2013 12 19
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 19
Toluene	U		0 50	5 0	µg/L	1	3/14/2013 12 19
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 19
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/14/2013 12 19
Trichloroethene	U		1 0	5 0	µg/L	1	3/14/2013 12 19

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: Trip Blank
Collection Date: 3/11/2013

Work Order: 1303407
Lab ID: 1303407-37
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/14/2013 12 19
Xylenes, Total	U		1 5	15	µg/L	1	3/14/2013 12 19
Surr 1,2-Dichloroethane-d4	*97 3*			*70-125*	*%REC*	1	3/14/2013 12 19
Surr 4-Bromofluorobenzene	*96 9*			*72-125*	*%REC*	1	3/14/2013 12 19
Surr Dibromofluoromethane	*106*			*71-125*	*%REC*	1	3/14/2013 12 19
Surr Toluene-d8	*114*			*75-125*	*%REC*	1	3/14/2013 12 19

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: 20-Mar-13

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **68422** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKW1-031413-68422** Units **mg/L** Analysis Date **3/14/2013 10:52 PM**
Client ID Run ID. **ICP7500_130314A** SeqNo **3141029** Prep Date **3/14/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0 0050								
Chromium	U	0.0050								
Lead	U	0 0050								

LCS Sample ID **MLCSW1-031413-68422** Units **mg/L** Analysis Date **3/14/2013 10:57 PM**
Client ID Run ID **ICP7500_130314A** SeqNo **3141030** Prep Date **3/14/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 05328	0 0050	0 05	0	107	80-120	0			
Chromium	0 04996	0 0050	0 05	0	99.9	80-120	0			
Lead	0 05085	0.0050	0 05	0	102	80-120	0			

MS Sample ID **1303388-03AMS** Units **mg/L** Analysis Date **3/14/2013 11:17 PM**
Client ID Run ID **ICP7500_130314A** SeqNo **3141034** Prep Date **3/14/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 05101	0 0050	0 05	0 0008772	100	80-120	0			
Chromium	0 04611	0 0050	0 05	0 0005157	91 2	80-120	0			
Lead	0 04983	0 0050	0 05	-0.0001372	99 9	80-120	0			

MSD Sample ID **1303388-03AMSD** Units **mg/L** Analysis Date **3/14/2013 11:22 PM**
Client ID Run ID **ICP7500_130314A** SeqNo **3141035** Prep Date **3/14/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 05354	0 0050	0 05	0 0008772	105	80-120	0 05101	4 84	15	
Chromium	0 04689	0 0050	0.05	0 0005157	92 7	80-120	0 04611	1 68	15	
Lead	0 04955	0 0050	0.05	-0 0001372	99 4	80-120	0 04983	0 563	15	

DUP Sample ID **1303388-03ADUP** Units **mg/L** Analysis Date **3/14/2013 11:07 PM**
Client ID Run ID **ICP7500_130314A** SeqNo **3141032** Prep Date **3/14/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0 0050	0	0	0	0-0	0 0008772	0	25	
Chromium	U	0 0050	0	0	0	0-0	0 0005157	0	25	
Lead	U	0.0050	0	0	0	0-0	-0 0001372	0	25	

The following samples were analyzed in this batch: 1303407-19B 1303407-20B

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **68462** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKW2-031513-68462** Units **mg/L** Analysis Date **3/15/2013 03:08 PM**
Client ID Run ID: **ICP7500_130315A** SeqNo **3141715** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0 0050								
Chromium	U	0 0050								
Lead	U	0.0050								

LCS Sample ID **MLCSW2-031513-68462** Units **mg/L** Analysis Date **3/15/2013 03:13 PM**
Client ID Run ID **ICP7500_130315A** SeqNo **3141716** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 04754	0 0050	0 05	0	95 1	80-120	0			
Chromium	0 04887	0 0050	0 05	0	97 7	80-120	0			
Lead	0 04763	0.0050	0 05	0	95 3	80-120	0			

MS Sample ID **1303407-21BMS** Units **mg/L** Analysis Date **3/15/2013 03:33 PM**
Client ID **S1-135** Run ID **ICP7500_130315A** SeqNo **3141728** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 1491	0 0050	0 05	0 1039	90.4	80-120	0			
Chromium	0 05147	0 0050	0 05	0 00198	99	80-120	0			
Lead	0 04798	0 0050	0 05	0 0005564	94 8	80-120	0			

MSD Sample ID **1303407-21BMSD** Units **mg/L** Analysis Date **3/15/2013 03:38 PM**
Client ID **S1-135** Run ID **ICP7500_130315A** SeqNo **3141729** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 1484	0.0050	0 05	0 1039	89	80-120	0 1491	0 471	15	
Chromium	0 05186	0 0050	0 05	0 00198	99 8	80-120	0 05147	0 755	15	
Lead	0 04791	0 0050	0 05	0 0005564	94 7	80-120	0 04798	0 146	15	

DUP Sample ID **1303407-21BDUP** Units **mg/L** Analysis Date **3/15/2013 03:23 PM**
Client ID **S1-135** Run ID **ICP7500_130315A** SeqNo **3141718** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 09972	0 0050	0	0	0	0-0	0 1039	4 11	25	
Chromium	0 001838	0 0050	0	0	0	0-0	0 00198	0	25	J
Lead	U	0 0050	0	0	0	0-0	0 0005564	0	25	

The following samples were analyzed in this batch: 1303407-21B 1303407-22B 1303407-26B 1303407-29B

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

MBLK Sample ID **VBLKW-130313-R143948** Units **µg/L** Analysis Date **3/13/2013 10:53 AM**
Client ID Run ID **VOA4_130313B** SeqNo **3138845** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143948**	Instrument ID **VOA4**			Method **SW8260**			
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	54 72	5 0	*50*	0	*109*	*70-125*	0
Surr 4-Bromofluorobenzene	49 08	5 0	*50*	0	*98 2*	*72-125*	0
Surr Dibromofluoromethane	56 28	5 0	*50*	0	*113*	*71-125*	0
Surr Toluene-d8	57 81	5 0	*50*	0	*116*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

LCS Sample ID **VLCSW-130313-R143948** Units **µg/L** Analysis Date **3/13/2013 09:40 AM**
Client ID Run ID **VOA4_130313B** SeqNo **3138843** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	55 25	5 0	50	0	110	80-120	0			
1,1,2,2-Tetrachloroethane	44 61	5 0	50	0	89 2	72-120	0			
1,1,2-Trichloroethane	48 26	5 0	50	0	96 5	80-120	0			
1,1-Dichloroethane	54 04	5 0	50	0	108	76-120	0			
1,1-Dichloroethene	56 15	5 0	50	0	112	73-124	0			
1,2-Dichloroethane	49 79	5 0	50	0	99 6	78-120	0			
1,2-Dichloropropane	52 83	5 0	50	0	106	80-120	0			
2-Butanone	106 4	10	100	0	106	58-132	0			
2-Hexanone	94 16	10	100	0	94 2	61-130	0			
4-Methyl-2-pentanone	103 2	10	100	0	103	65-127	0			
Acetone	96 33	10	100	0	96 3	59-137	0			
Allyl Chloride	55 58	10	50	0	111	60-137	0			
Benzene	54 05	5 0	50	0	108	73-121	0			
Bromodichloromethane	51 66	5 0	50	0	103	80-120	0			
Bromoform	48 26	5 0	50	0	96 5	79-120	0			
Bromomethane	49 12	5 0	50	0	98 2	66-137	0			
Carbon disulfide	109 8	10	100	0	110	68-141	0			
Carbon tetrachloride	47 59	5 0	50	0	95 2	75-124	0			
Chlorobenzene	49 17	5 0	50	0	98 3	80-120	0			
Chloroethane	52 14	5 0	50	0	104	76-121	0			
Chloroform	50 67	5 0	50	0	101	80-120	0			
Chloromethane	51 59	5 0	50	0	103	67-123	0			
cis-1,2-Dichloroethene	54 39	5 0	50	0	109	78-120	0			
cis-1,3-Dichloropropene	50 1	5 0	50	0	100	80-120	0			
Dibromochloromethane	48 91	5 0	50	0	97 8	80-120	0			
Ethylbenzene	52 52	5 0	50	0	105	80-120	0			
m,p-Xylene	104 5	10	100	0	105	78-121	0			
Methyl tert-butyl ether	52 9	5 0	50	0	106	73-121	0			
Methylene chloride	53 03	10	50	0	106	65-133	0			
Naphthalene	46 59	5 0	50	0	93 2	65-135	0			
o-Xylene	52 79	5 0	50	0	106	80-120	0			
Styrene	54 11	5 0	50	0	108	80-120	0			
Tert-butyl alcohol	1074	100	1000	0	107	56-144	0			
Tetrachloroethene	53 39	5 0	50	0	107	79-120	0			
Toluene	51 97	5 0	50	0	104	80-120	0			
trans-1,2-Dichloroethene	54 87	5 0	50	0	110	78-120	0			
trans-1,3-Dichloropropene	48 12	5 0	50	0	96 2	80-120	0			
Trichloroethene	53 67	5 0	50	0	107	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

Vinyl chloride	56 02	2 0	50	0	112	70-127	0
Xylenes, Total	157 3	15	150	0	105	80-120	0
Surr 1,2-Dichloroethane-d4	51 78	5 0	*50*	0	*104*	*70-125*	0
Surr 4-Bromofluorobenzene	52 11	5 0	*50*	0	*104*	*72-125*	0
Surr Dibromofluoromethane	55 12	5 0	*50*	0	*110*	*71-125*	0
Surr. Toluene-d8	56 7	5 0	*50*	0	*113*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

LCSD Sample ID **VLCSDW-130313-R143948** Units **µg/L** Analysis Date **3/13/2013 10:04 AM**
Client ID Run ID **VOA4_130313B** SeqNo **3138844** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53 62	5 0	50	0	107	80-120	55 25	2 98	20	
1,1,2,2-Tetrachloroethane	43.93	5 0	50	0	87.9	72-120	44 61	1 54	20	
1,1,2-Trichloroethane	47 12	5 0	50	0	94 2	80-120	48 26	2 38	20	
1,1-Dichloroethane	52 66	5 0	50	0	105	76-120	54 04	2 58	20	
1,1-Dichloroethene	54 62	5 0	50	0	109	73-124	56 15	2 77	20	
1,2-Dichloroethane	49 37	5 0	50	0	98 7	78-120	49 79	0 865	20	
1,2-Dichloropropane	51 75	5 0	50	0	104	80-120	52 83	2 07	20	
2-Butanone	104	10	100	0	104	58-132	106 4	2 21	20	
2-Hexanone	94 57	10	100	0	94 6	61-130	94 16	0 434	20	
4-Methyl-2-pentanone	103	10	100	0	103	65-127	103 2	0 174	20	
Acetone	91 9	10	100	0	91 9	59-137	96 33	4 71	20	
Allyl Chloride	54 55	10	50	0	109	60-137	55 58	1 87	20	
Benzene	52 07	5 0	50	0	104	73-121	54 05	3 74	20	
Bromodichloromethane	49 8	5 0	50	0	99 6	80-120	51 66	3 67	20	
Bromoform	47 74	5 0	50	0	95 5	79-120	48 26	1 08	20	
Bromomethane	46 32	5 0	50	0	92 6	66-137	49 12	5 88	20	
Carbon disulfide	104 6	10	100	0	105	68-141	109 8	4 87	20	
Carbon tetrachloride	45 33	5 0	50	0	90 7	75-124	47 59	4 85	20	
Chlorobenzene	47 42	5 0	50	0	94 8	80-120	49 17	3.61	20	
Chloroethane	51 51	5 0	50	0	103	76-121	52 14	1 22	20	
Chloroform	50.24	5 0	50	0	100	80-120	50 67	0 865	20	
Chloromethane	49 34	5 0	50	0	98 7	67-123	51 59	4 45	20	
cis-1,2-Dichloroethene	53 07	5 0	50	0	106	78-120	54 39	2 46	20	
cis-1,3-Dichloropropene	49 36	5 0	50	0	98 7	80-120	50 1	1 47	20	
Dibromochloromethane	48 35	5.0	50	0	96 7	80-120	48.91	1 14	20	
Ethylbenzene	50 1	5 0	50	0	100	80-120	52 52	4 71	20	
m,p-Xylene	99 71	10	100	0	99 7	78-121	104 5	4 73	20	
Methyl tert-butyl ether	52 41	5 0	50	0	105	73-121	52 9	0 936	20	
Methylene chloride	51 13	10	50	0	102	65-133	53 03	3 65	20	
Naphthalene	45 9	5 0	50	0	91 8	65-135	46 59	1 51	20	
o-Xylene	51 15	5 0	50	0	102	80-120	52 79	3 15	20	
Styrene	52 5	5 0	50	0	105	80-120	54 11	3.02	20	
Tert-butyl alcohol	1058	100	1000	0	106	56-144	1074	1 55	20	
Tetrachloroethene	51 47	5 0	50	0	103	79-120	53 39	3 67	20	
Toluene	50 48	5 0	50	0	101	80-120	51 97	2 92	20	
trans-1,2-Dichloroethene	52 38	5 0	50	0	105	78-120	54 87	4 64	20	
trans-1,3-Dichloropropene	47 84	5 0	50	0	95 7	80-120	48 12	0 571	20	
Trichloroethene	51 37	5 0	50	0	103	80-120	53 67	4 39	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

Vinyl chloride	53 99	2 0	50	0	108	70-127	56 02	3 69	20
Xylenes, Total	150 9	15	150	0	101	80-120	157 3	4 2	20
Surr 1,2-Dichloroethane-d4	51 12	5 0	*50*	0	*102*	*70-125*	51 78	*1 3*	*20*
Surr 4-Bromofluorobenzene	51 56	5 0	*50*	0	*103*	*72-125*	52 11	*1 04*	*20*
Surr Dibromofluoromethane	55 56	5 0	*50*	0	*111*	*71-125*	55 12	*0 798*	*20*
Surr Toluene-d8	56 14	5 0	*50*	0	*112*	*75-125*	56 7	*0 988*	*20*

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

MS Sample ID **1303407-21AMS** Units **µg/L** Analysis Date **3/13/2013 02:27 PM**
Client ID **S1-135** Run ID **VOA4_130313B** SeqNo **3138847** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	56 31	5.0	50	0	113	80-120	0			
1,1,2,2-Tetrachloroethane	46 45	5 0	50	0	92 9	72-120	0			
1,1,2-Trichloroethane	49 49	5 0	50	0	99	80-120	0			
1,1-Dichloroethane	54 43	5 0	50	0	109	76-120	0			
1,1-Dichloroethene	57 26	5 0	50	0	115	73-124	0			
1,2-Dichloroethane	51 79	5 0	50	0	104	78-120	0			
1,2-Dichloropropane	53 14	5 0	50	0	106	80-120	0			
2-Butanone	112 5	10	100	0	112	58-132	0			
2-Hexanone	101 6	10	100	0	102	61-130	0			
4-Methyl-2-pentanone	111 5	10	100	0	111	65-127	0			
Acetone	112 8	10	100	0	113	59-137	0			
Allyl Chloride	57 08	10	50	0	114	60-137	0			
Benzene	53 85	5 0	50	0	108	73-121	0			
Bromodichloromethane	51 72	5 0	50	0	103	80-120	0			
Bromoform	49 01	5 0	50	0	98	79-120	0			
Bromomethane	39 24	5 0	50	0	78 5	66-137	0			
Carbon disulfide	111 5	10	100	0	111	68-141	0			
Carbon tetrachloride	45 92	5 0	50	0	91 8	75-124	0			
Chlorobenzene	49 11	5 0	50	0	98 2	80-120	0			
Chloroethane	53 51	5 0	50	0	107	76-121	0			
Chloroform	51 81	5 0	50	0	104	80-120	0			
Chloromethane	46 79	5 0	50	0	93 6	67-123	0			
cis-1,2-Dichloroethene	55 12	5 0	50	0	110	78-120	0			
cis-1,3-Dichloropropene	48 12	5 0	50	0	96 2	80-120	0			
Dibromochloromethane	49 48	5 0	50	0	99	80-120	0			
Ethylbenzene	51 98	5 0	50	0	104	80-120	0			
m,p-Xylene	104 2	10	100	0	104	78-121	0			
Methyl tert-butyl ether	54 75	5 0	50	0	109	73-121	0			
Methylene chloride	54 03	10	50	0	108	65-133	0			
Naphthalene	43 61	5 0	50	0	87 2	65-135	0			
o-Xylene	53 07	5 0	50	0	106	80-120	0			
Styrene	53 78	5.0	50	0	108	80-120	0			
Tert-butyl alcohol	1188	100	1000	0	119	56-144	0			
Tetrachloroethene	52 75	5 0	50	0	106	79-120	0			
Toluene	51 79	5 0	50	0	104	80-120	0			
trans-1,2-Dichloroethene	55 56	5 0	50	0	111	78-120	0			
trans-1,3-Dichloropropene	45 33	5 0	50	0	90 7	80-120	0			
Trichloroethene	53 25	5 0	50	0	106	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

Vinyl chloride	56 18	2 0	50	0	112	70-127	0
Xylenes, Total	157 2	15	150	0	105	80-120	0
Surr 1,2-Dichloroethane-d4	53 06	5 0	*50*	0	*106*	*70-125*	0
Surr 4-Bromofluorobenzene	52 27	5 0	*50*	0	*105*	*72-125*	0
Surr Dibromofluoromethane	56 66	5 0	*50*	0	*113*	*71-125*	0
Surr Toluene-d8	56 17	5 0	*50*	0	*112*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143948** Instrument ID **VOA4** Method **SW8260**

MSD Sample ID **1303407-21AMSD** Units **µg/L** Analysis Date **3/13/2013 02:51 PM**
Client ID **S1-135** Run ID **VOA4_130313B** SeqNo **3138848** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	55	5 0	50	0	110	80-120	56 31	2 34	20	
1,1,2,2-Tetrachloroethane	45 49	5 0	50	0	91	72-120	46 45	2 08	20	
1,1,2-Trichloroethane	47 39	5 0	50	0	94 8	80-120	49 49	4 32	20	
1,1-Dichloroethane	54 34	5 0	50	0	109	76-120	54.43	0 172	20	
1,1-Dichloroethene	55 84	5 0	50	0	112	73-124	57 26	2 52	20	
1,2-Dichloroethane	51 42	5.0	50	0	103	78-120	51 79	0 729	20	
1,2-Dichloropropane	52 4	5 0	50	0	105	80-120	53 14	1 4	20	
2-Butanone	111 2	10	100	0	111	58-132	112 5	1 11	20	
2-Hexanone	96 71	10	100	0	96 7	61-130	101 6	4 95	20	
4-Methyl-2-pentanone	106	10	100	0	106	65-127	111 5	5 09	20	
Acetone	106 1	10	100	0	106	59-137	112.8	6 06	20	
Allyl Chloride	57 09	10	50	0	114	60-137	57 08	0 0137	20	
Benzene	52 86	5 0	50	0	106	73-121	53 85	1.86	20	
Bromodichloromethane	51 61	5 0	50	0	103	80-120	51 72	0 208	20	
Bromoform	48 2	5 0	50	0	96 4	79-120	49 01	1 67	20	
Bromomethane	45 66	5 0	50	0	91 3	66-137	39 24	15 1	20	
Carbon disulfide	108 4	10	100	0	108	68-141	111.5	2 78	20	
Carbon tetrachloride	45 05	5 0	50	0	90.1	75-124	45 92	1 92	20	
Chlorobenzene	47 72	5 0	50	0	95 4	80-120	49 11	2 88	20	
Chloroethane	52 28	5 0	50	0	105	76-121	53 51	2 33	20	
Chloroform	51 88	5 0	50	0	104	80-120	51 81	0 135	20	
Chloromethane	46 64	5 0	50	0	93 3	67-123	46 79	0 333	20	
cis-1,2-Dichloroethene	54 58	5 0	50	0	109	78-120	55 12	0 973	20	
cis-1,3-Dichloropropene	48 75	5 0	50	0	97 5	80-120	48 12	1 3	20	
Dibromochloromethane	49 47	5 0	50	0	98 9	80-120	49 48	0 0298	20	
Ethylbenzene	50 95	5 0	50	0	102	80-120	51.98	1 99	20	
m,p-Xylene	101 5	10	100	0	102	78-121	104 2	2 6	20	
Methyl tert-butyl ether	54 84	5 0	50	0	110	73-121	54 75	0 166	20	
Methylene chloride	53 49	10	50	0	107	65-133	54 03	1	20	
Naphthalene	48 92	5 0	50	0	97 8	65-135	43 61	11 5	20	
o-Xylene	51 67	5 0	50	0	103	80-120	53 07	2 67	20	
Styrene	52 86	5 0	50	0	106	80-120	53 78	1 71	20	
Tert-butyl alcohol	1129	100	1000	0	113	56-144	1188	5.1	20	
Tetrachloroethene	51 49	5 0	50	0	103	79-120	52 75	2 41	20	
Toluene	50 2	5.0	50	0	100	80-120	51 79	3 13	20	
trans-1,2-Dichloroethene	53 74	5 0	50	0	107	78-120	55.56	3 33	20	
trans-1,3-Dichloropropene	45 94	5 0	50	0	91.9	80-120	45 33	1 32	20	
Trichloroethene	52 19	5 0	50	0	104	80-120	53 25	2 01	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143948**	Instrument ID **VOA4**		Method **SW8260**						
Vinyl chloride	54 36	2 0	50	0	109	70-127	56 18	3 29	20
Xylenes, Total	153 2	15	150	0	102	80-120	157 2	2 63	20
Surr 1,2-Dichloroethane-d4	53 14	5 0	*50*	0	*106*	*70-125*	53 06	*0 158*	*20*
Surr 4-Bromofluorobenzene	52 71	5 0	*50*	0	*105*	*72-125*	52 27	*0 839*	*20*
Surr Dibromofluoromethane	56 57	5 0	*50*	0	*113*	*71-125*	56 66	*0 15*	*20*
Surr Toluene-d8	56 78	5 0	*50*	0	*114*	*75-125*	56 17	*1 08*	*20*

The following samples were analyzed in this batch:

1303407-21A	1303407-22A	1303407-23A
1303407-24A	1303407-25A	1303407-26A
1303407-27A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143991** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130313-R143991** Units **µg/L** Analysis Date **3/13/2013 11:49 AM**
Client ID Run ID **VOA1_130313A** SeqNo **3139730** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143991** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	48 35	5 0	*50*	0	*96 7*	*70-125*	0
Surr 4-Bromofluorobenzene	45 96	5 0	*50*	0	*91 9*	*72-125*	0
Surr Dibromofluoromethane	51 83	5 0	*50*	0	*104*	*71-125*	0
Surr Toluene-d8	50 12	5 0	*50*	0	*100*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143991** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130313-R143991** Units **µg/L** Analysis Date **3/13/2013 10:35 AM**
Client ID Run ID **VOA1_130313A** SeqNo **3139729** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 67	5 0	50	0	105	80-120	0			
1,1,2,2-Tetrachloroethane	51 28	5 0	50	0	103	72-120	0			
1,1,2-Trichloroethane	50 28	5 0	50	0	101	80-120	0			
1,1-Dichloroethane	49 81	5 0	50	0	99 6	76-120	0			
1,1-Dichloroethene	51 12	5 0	50	0	102	73-124	0			
1,2-Dichloroethane	56 98	5 0	50	0	114	78-120	0			
1,2-Dichloropropane	53 01	5 0	50	0	106	80-120	0			
2-Butanone	101 2	10	100	0	101	58-132	0			
2-Hexanone	101 2	10	100	0	101	61-130	0			
4-Methyl-2-pentanone	103 7	10	100	0	104	65-127	0			
Acetone	95 6	10	100	0	95 6	59-137	0			
Allyl Chloride	50 84	10	50	0	102	60-137	0			
Benzene	55 05	5 0	50	0	110	73-121	0			
Bromodichloromethane	53 46	5 0	50	0	107	80-120	0			
Bromoform	54 75	5 0	50	0	110	79-120	0			
Bromomethane	52 24	5 0	50	0	104	66-137	0			
Carbon disulfide	100 4	10	100	0	100	68-141	0			
Carbon tetrachloride	52 51	5 0	50	0	105	75-124	0			
Chlorobenzene	47 17	5 0	50	0	94.3	80-120	0			
Chloroethane	54 71	5 0	50	0	109	76-121	0			
Chloroform	51 69	5 0	50	0	103	80-120	0			
Chloromethane	48 42	5 0	50	0	96 8	67-123	0			
cis-1,2-Dichloroethene	52 21	5 0	50	0	104	78-120	0			
cis-1,3-Dichloropropene	52 31	5 0	50	0	105	80-120	0			
Dibromochloromethane	52 07	5 0	50	0	104	80-120	0			
Ethylbenzene	49 76	5 0	50	0	99 5	80-120	0			
m,p-Xylene	99 91	10	100	0	99 9	78-121	0			
Methyl tert-butyl ether	47 97	5 0	50	0	95 9	73-121	0			
Methylene chloride	49 02	10	50	0	98	65-133	0			
Naphthalene	55 93	5 0	50	0	112	65-135	0			
o-Xylene	50 05	5 0	50	0	100	80-120	0			
Styrene	48 18	5 0	50	0	96 4	80-120	0			
Tert-butyl alcohol	1119	100	1000	0	112	56-144	0			
Tetrachloroethene	48 98	5 0	50	0	98	79-120	0			
Toluene	47 99	5 0	50	0	96	80-120	0			
trans-1,2-Dichloroethene	48 35	5 0	50	0	96 7	78-120	0			
trans-1,3-Dichloropropene	56 48	5 0	50	0	113	80-120	0			
Trichloroethene	52 07	5.0	50	0	104	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143991**	Instrument ID **VOA1**		Method **SW8260**				
Vinyl chloride	52 66	2 0	50	0	105	70-127	0
Xylenes, Total	150	15	150	0	100	80-120	0
Surr 1,2-Dichloroethane-d4	51 17	5 0	*50*	0	*102*	*70-125*	0
Surr. 4-Bromofluorobenzene	50 88	5 0	*50*	0	*102*	*72-125*	0
Surr Dibromofluoromethane	52 06	5 0	*50*	0	*104*	*71-125*	0
Surr Toluene-d8	48 6	5 0	*50*	0	*97 2*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143991** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303407-16AMS** Units **µg/L** Analysis Date **3/13/2013 01:29 PM**
Client ID **S1-168** Run ID **VOA1_130313A** SeqNo **3139733** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	42 23	5 0	50	0	84 5	80-120	0			
1,1,2,2-Tetrachloroethane	48 09	5 0	50	0	96 2	72-120	0			
1,1,2-Trichloroethane	50 83	5 0	50	0	102	80-120	0			
1,1-Dichloroethane	57 43	5 0	50	13 49	87.9	76-120	0			
1,1-Dichloroethene	36 52	5 0	50	0	73	73-124	0			
1,2-Dichloroethane	47 65	5.0	50	0	95 3	78-120	0			
1,2-Dichloropropane	48 82	5 0	50	0	97 6	80-120	0			
2-Butanone	90 93	10	100	0	90 9	58-132	0			
2-Hexanone	97 42	10	100	0	97 4	61-130	0			
4-Methyl-2-pentanone	107	10	100	0	107	65-127	0			
Acetone	79 48	10	100	0	79 5	59-137	0			
Allyl Chloride	42 82	10	50	0	85 6	60-137	0			
Benzene	61 84	5 0	50	20 01	83 7	73-121	0			
Bromodichloromethane	47 84	5 0	50	0	95 7	80-120	0			
Bromoform	48 56	5 0	50	0	97 1	79-120	0			
Bromomethane	8 464	5 0	50	0	16 9	66-137	0			S
Carbon disulfide	84 2	10	100	0	84 2	68-141	0			
Carbon tetrachloride	37 63	5 0	50	0	75 3	75-124	0			
Chlorobenzene	48 28	5 0	50	0	96 6	80-120	0			
Chloroethane	44 8	5 0	50	4 108	81 4	76-121	0			
Chloroform	47 28	5 0	50	0	94 6	80-120	0			
Chloromethane	45 44	5 0	50	0	90 9	67-123	0			
cis-1,2-Dichloroethene	50 44	5 0	50	3 151	94 6	78-120	0			
cis-1,3-Dichloropropene	48 28	5 0	50	0	96 6	80-120	0			
Dibromochloromethane	51 05	5 0	50	0	102	80-120	0			
Ethylbenzene	45 88	5 0	50	0	91 8	80-120	0			
m,p-Xylene	88 21	10	100	0	88 2	78-121	0			
Methyl tert-butyl ether	45 08	5 0	50	1 626	86 9	73-121	0			
Methylene chloride	47 47	10	50	0	94 9	65-133	0			
Naphthalene	48 46	5 0	50	0	96 9	65-135	0			
o-Xylene	46 9	5 0	50	0	93 8	80-120	0			
Styrene	49 37	5 0	50	0	98 7	80-120	0			
Tert-butyl alcohol	5925	100	1000	5247	67 8	56-144	0			EO
Tetrachloroethene	41 53	5 0	50	0	83 1	79-120	0			
Toluene	47 39	5 0	50	0	94 8	80-120	0			
trans-1,2-Dichloroethene	40 85	5 0	50	0	81 7	78-120	0			
trans-1,3-Dichloropropene	51 32	5 0	50	0	103	80-120	0			
Trichloroethene	43 59	5 0	50	0	87 2	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R143991**	Instrument ID **VOA1**		Method **SW8260**				
Vinyl chloride	104 7	2 0	50	63 84	81.8	70-127	0
Xylenes, Total	135 1	15	150	0	90.1	80-120	0
Surr 1,2-Dichloroethane-d4	47 71	5 0	*50*	0	*95 4*	*70-125*	0
Surr 4-Bromofluorobenzene	50 3	5 0	*50*	0	*101*	*72-125*	0
Surr Dibromofluoromethane	49 52	5 0	*50*	0	*99*	*71-125*	0
Surr Toluene-d8	49 34	5 0	*50*	0	*98 7*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143991** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303407-16AMSD** Units **µg/L** Analysis Date **3/13/2013 01:53 PM**
Client ID **S1-168** Run ID **VOA1_130313A** SeqNo **3139734** Prep Date DF. **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50 49	5 0	50	0	101	80-120	42 23	17.8	20	
1,1,2,2-Tetrachloroethane	49 69	5 0	50	0	99 4	72-120	48 09	3 28	20	
1,1,2-Trichloroethane	51 74	5 0	50	0	103	80-120	50 83	1 76	20	
1,1-Dichloroethane	62 91	5 0	50	13 49	98 8	76-120	57 43	9 11	20	
1,1-Dichloroethene	47 76	5 0	50	0	95 5	73-124	36 52	26.7	20	R
1,2-Dichloroethane	48 01	5 0	50	0	96	78-120	47 65	0 75	20	
1,2-Dichloropropane	50 38	5 0	50	0	101	80-120	48 82	3 15	20	
2-Butanone	94 12	10	100	0	94 1	58-132	90 93	3 44	20	
2-Hexanone	110 1	10	100	0	110	61-130	97 42	12 2	20	
4-Methyl-2-pentanone	115 8	10	100	0	116	65-127	107	7 94	20	
Acetone	79 49	10	100	0	79.5	59-137	79 48	0.0152	20	
Allyl Chloride	48 96	10	50	0	97.9	60-137	42 82	13 4	20	
Benzene	63 1	5 0	50	20 01	86.2	73-121	61 84	2 02	20	
Bromodichloromethane	51 24	5 0	50	0	102	80-120	47 84	6 87	20	
Bromoform	51 29	5 0	50	0	103	79-120	48 56	5 48	20	
Bromomethane	44 89	5 0	50	0	89.8	66-137	8 464	137	20	R
Carbon disulfide	97 89	10	100	0	97 9	68-141	84 2	15	20	
Carbon tetrachloride	46 61	5 0	50	0	93 2	75-124	37 63	21 3	20	R
Chlorobenzene	47 73	5 0	50	0	95 5	80-120	48 28	1 14	20	
Chloroethane	55 9	5 0	50	4 108	104	76-121	44 8	22	20	R
Chloroform	51 66	5 0	50	0	103	80-120	47 28	8 86	20	
Chloromethane	47 4	5 0	50	0	94 8	67-123	45 44	4 24	20	
cis-1,2-Dichloroethene	52 86	5 0	50	3 151	99 4	78-120	50 44	4 69	20	
cis-1,3-Dichloropropene	51 21	5 0	50	0	102	80-120	48 28	5 89	20	
Dibromochloromethane	54 44	5 0	50	0	109	80-120	51 05	6 42	20	
Ethylbenzene	51 95	5 0	50	0	104	80-120	45 88	12 4	20	
m,p-Xylene	103 8	10	100	0	104	78-121	88 21	16.2	20	
Methyl tert-butyl ether	54	5 0	50	1.626	105	73-121	45 08	18	20	
Methylene chloride	51 5	10	50	0	103	65-133	47 47	8 14	20	
Naphthalene	52 25	5 0	50	0	104	65-135	48 46	7 51	20	
o-Xylene	51 23	5 0	50	0	102	80-120	46 9	8 83	20	
Styrene	51 83	5 0	50	0	104	80-120	49 37	4 86	20	
Tert-butyl alcohol	7007	100	1000	5247	176	56-144	5925	16.7	20	SEO
Tetrachloroethene	48 06	5 0	50	0	96.1	79-120	41 53	14.6	20	
Toluene	52 98	5 0	50	0	106	80-120	47 39	11.1	20	
trans-1,2-Dichloroethene	48 27	5 0	50	0	96.5	78-120	40 85	16.7	20	
trans-1,3-Dichloropropene	50 53	5 0	50	0	101	80-120	51 32	1 56	20	
Trichloroethene	46 05	5 0	50	0	92.1	80-120	43 59	5 48	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R143991**	Instrument ID **VOA1**		Method **SW8260**						
Vinyl chloride	103 2	2 0	50	63 84	78 7	70-127	104 7	1 5	20
Xylenes, Total	155	15	150	0	103	80-120	135 1	13 7	20
Surr 1,2-Dichloroethane-d4	49 24	5 0	*50*	0	*98 5*	*70-125*	47 71	*3 16*	*20*
Surr 4-Bromofluorobenzene	50 92	5 0	*50*	0	*102*	*72-125*	50 3	*1 22*	*20*
Surr Dibromofluoromethane	49 83	5 0	*50*	0	*99.7*	*71-125*	49 52	*0 615*	*20*
Surr. Toluene-d8	48 38	5 0	*50*	0	*96 8*	*75-125*	49 34	*1 98*	*20*

The following samples were analyzed in this batch:

1303407-01A	1303407-02A	1303407-03A
1303407-04A	1303407-05A	1303407-06A
1303407-07A	1303407-08A	1303407-12A
1303407-13A	1303407-16A	1303407-17A
1303407-18A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144010** Instrument ID **VOA4** Method **SW8260**

MBLK Sample ID **VBLKW-130314-R144010** Units **µg/L** Analysis Date **3/14/2013 11:30 AM**
Client ID Run ID **VOA4_130314A** SeqNo **3140357** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144010**	Instrument ID **VOA4**		Method **SW8260**				
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	47 87	5 0	*50*	0	*95 7*	*70-125*	0
Surr 4-Bromofluorobenzene	49 38	5 0	*50*	0	*98 8*	*72-125*	0
Surr Dibromofluoromethane	52 68	5 0	*50*	0	*105*	*71-125*	0
Surr Toluene-d8	57 15	5 0	*50*	0	*114*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144010** Instrument ID **VOA4** Method **SW8260**

LCS Sample ID **VLCSW-130413-R144010** Units **µg/L** Analysis Date **3/14/2013 10:42 AM**
Client ID Run ID **VOA4_130314A** SeqNo **3140356** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51 3	5 0	50	0	103	80-120	0			
1,1,2,2-Tetrachloroethane	46 64	5 0	50	0	93 3	72-120	0			
1,1,2-Trichloroethane	49 29	5 0	50	0	98 6	80-120	0			
1,1-Dichloroethane	50 37	5 0	50	0	101	76-120	0			
1,1-Dichloroethene	53 45	5 0	50	0	107	73-124	0			
1,2-Dichloroethane	44 31	5 0	50	0	88 6	78-120	0			
1,2-Dichloropropane	50 88	5 0	50	0	102	80-120	0			
2-Butanone	93.8	10	100	0	93 8	58-132	0			
2-Hexanone	88 92	10	100	0	88 9	61-130	0			
4-Methyl-2-pentanone	97 08	10	100	0	97.1	65-127	0			
Acetone	88 49	10	100	0	88 5	59-137	0			
Allyl Chloride	49 33	10	50	0	98 7	60-137	0			
Benzene	52 55	5 0	50	0	105	73-121	0			
Bromodichloromethane	49 11	5 0	50	0	98 2	80-120	0			
Bromoform	49 67	5 0	50	0	99 3	79-120	0			
Bromomethane	40 6	5 0	50	0	81 2	66-137	0			
Carbon disulfide	106 9	10	100	0	107	68-141	0			
Carbon tetrachloride	43 64	5 0	50	0	87 3	75-124	0			
Chlorobenzene	49 23	5 0	50	0	98 5	80-120	0			
Chloroethane	46 5	5 0	50	0	93	76-121	0			
Chloroform	48 26	5 0	50	0	96 5	80-120	0			
Chloromethane	41 24	5 0	50	0	82 5	67-123	0			
cis-1,2-Dichloroethene	53 57	5 0	50	0	107	78-120	0			
cis-1,3-Dichloropropene	48 78	5 0	50	0	97 6	80-120	0			
Dibromochloromethane	49 55	5 0	50	0	99 1	80-120	0			
Ethylbenzene	53 34	5 0	50	0	107	80-120	0			
m,p-Xylene	104 1	10	100	0	104	78-121	0			
Methyl tert-butyl ether	49 5	5 0	50	0	99	73-121	0			
Methylene chloride	51 13	10	50	0	102	65-133	0			
Naphthalene	50 9	5 0	50	0	102	65-135	0			
o-Xylene	53 25	5 0	50	0	107	80-120	0			
Styrene	55 01	5 0	50	0	110	80-120	0			
Tert-butyl alcohol	987 4	100	1000	0	98 7	56-144	0			
Tetrachloroethene	53 62	5 0	50	0	107	79-120	0			
Toluene	52 49	5 0	50	0	105	80-120	0			
trans-1,2-Dichloroethene	52 1	5 0	50	0	104	78-120	0			
trans-1,3-Dichloropropene	45 68	5 0	50	0	91 4	80-120	0			
Trichloroethene	53 04	5.0	50	0	106	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144010** Instrument ID **VOA4** Method **SW8260**

Vinyl chloride	49 68	2 0	50	0	99 4	70-127	0
Xylenes, Total	157 3	15	150	0	105	80-120	0
Surr 1,2-Dichloroethane-d4	46 55	5 0	*50*	0	*93 1*	*70-125*	0
Surr 4-Bromofluorobenzene	52 34	5 0	*50*	0	*105*	*72-125*	0
Surr Dibromofluoromethane	52 61	5 0	*50*	0	*105*	*71-125*	0
Surr Toluene-d8	56 93	5 0	*50*	0	*114*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144010** Instrument ID **VOA4** Method **SW8260**

MS Sample ID **1303407-31AMS** Units **µg/L** Analysis Date **3/14/2013 01:08 PM**
Client ID **P-5** Run ID **VOA4_130314A** SeqNo **3140360** Prep Date DF **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	510 2	50	500	0	102	80-120	0			
1,1,2,2-Tetrachloroethane	468	50	500	0	93 6	72-120	0			
1,1,2-Trichloroethane	494 4	50	500	0	98 9	80-120	0			
1,1-Dichloroethane	501 5	50	500	0	100	76-120	0			
1,1-Dichloroethene	513 4	50	500	0	103	73-124	0			
1,2-Dichloroethane	448 7	50	500	0	89 7	78-120	0			
1,2-Dichloropropane	492 7	50	500	0	98 5	80-120	0			
2-Butanone	977 5	100	1000	0	97 7	58-132	0			
2-Hexanone	992 7	100	1000	0	99 3	61-130	0			
4-Methyl-2-pentanone	1079	100	1000	0	108	65-127	0			
Acetone	938 3	100	1000	0	93.8	59-137	0			
Allyl Chloride	458 5	100	500	0	91 7	60-137	0			
Benzene	512 5	50	500	4 702	102	73-121	0			
Bromodichloromethane	468 7	50	500	0	93.7	80-120	0			
Bromoform	494 1	50	500	0	98 8	79-120	0			
Bromomethane	345 8	50	500	0	69.2	66-137	0			
Carbon disulfide	1044	100	1000	0	104	68-141	0			
Carbon tetrachloride	409 1	50	500	0	81 8	75-124	0			
Chlorobenzene	486 8	50	500	0	97 4	80-120	0			
Chloroethane	294 2	50	500	0	58 8	76-121	0			S
Chloroform	472 3	50	500	0	94 5	80-120	0			
Chloromethane	368 5	50	500	0	73 7	67-123	0			
cis-1,2-Dichloroethene	518 4	50	500	0	104	78-120	0			
cis-1,3-Dichloropropene	426 6	50	500	0	85 3	80-120	0			
Dibromochloromethane	480 5	50	500	0	96 1	80-120	0			
Ethylbenzene	514 2	50	500	0	103	80-120	0			
m,p-Xylene	1030	100	1000	7 026	102	78-121	0			
Methyl tert-butyl ether	515 7	50	500	2 816	103	73-121	0			
Methylene chloride	513 3	100	500	0	103	65-133	0			
Naphthalene	501 6	50	500	60 53	88 2	65-135	0			
o-Xylene	521 4	50	500	0	104	80-120	0			
Styrene	527 9	50	500	0	106	80-120	0			
Tert-butyl alcohol	34400	1,000	10000	19610	148	56-144	0			S
Tetrachloroethene	520 1	50	500	0	104	79-120	0			
Toluene	520 6	50	500	0	104	80-120	0			
trans-1,2-Dichloroethene	506 2	50	500	0	101	78-120	0			
trans-1,3-Dichloropropene	401 3	50	500	0	80 3	80-120	0			
Trichloroethene	507	50	500	0	101	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144010** Instrument ID **VOA4** Method **SW8260**

Vinyl chloride	495 9	20	500	0	99 2	70-127	0
Xylenes, Total	1551	150	1500	0	103	80-120	0
Surr 1,2-Dichloroethane-d4	463 6	50	*500*	0	*92 7*	*70-125*	0
Surr 4-Bromofluorobenzene	526 4	50	*500*	0	*105*	*72-125*	0
Surr Dibromofluoromethane	522 7	50	*500*	0	*105*	*71-125*	0
Surr Toluene-d8	571 7	50	*500*	0	*114*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144010** Instrument ID **VOA4** Method **SW8260**

MSD Sample ID **1303407-31AMSD** Units **µg/L** Analysis Date **3/14/2013 01:32 PM**
Client ID **P-5** Run ID **VOA4_130314A** SeqNo **3140361** Prep Date DF **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	497 6	50	500	0	99.5	80-120	510 2	2 5	20	
1,1,2,2-Tetrachloroethane	476 5	50	500	0	95 3	72-120	468	1 79	20	
1,1,2-Trichloroethane	495 9	50	500	0	99 2	80-120	494 4	0 31	20	
1,1-Dichloroethane	497.6	50	500	0	99 5	76-120	501 5	0 771	20	
1,1-Dichloroethene	512 6	50	500	0	103	73-124	513 4	0 144	20	
1,2-Dichloroethane	439 3	50	500	0	87.9	78-120	448 7	2 11	20	
1,2-Dichloropropane	482	50	500	0	96.4	80-120	492 7	2.2	20	
2-Butanone	979 7	100	1000	0	98	58-132	977 5	0 223	20	
2-Hexanone	983	100	1000	0	98 3	61-130	992 7	0 978	20	
4-Methyl-2-pentanone	1065	100	1000	0	107	65-127	1079	1 29	20	
Acetone	950 5	100	1000	0	95 1	59-137	938 3	1 29	20	
Allyl Chloride	469 7	100	500	0	93 9	60-137	458 5	2 43	20	
Benzene	505 3	50	500	4 702	100	73-121	512 5	1 42	20	
Bromodichloromethane	456 1	50	500	0	91 2	80-120	468 7	2 71	20	
Bromoform	491 4	50	500	0	98 3	79-120	494 1	0 545	20	
Bromomethane	399 7	50	500	0	79 9	66-137	345 8	14.5	20	
Carbon disulfide	1043	100	1000	0	104	68-141	1044	0 107	20	
Carbon tetrachloride	405 1	50	500	0	81	75-124	409 1	0 97	20	
Chlorobenzene	469 6	50	500	0	93 9	80-120	486 8	3 59	20	
Chloroethane	462 1	50	500	0	92 4	76-121	294 2	44.4	20	R
Chloroform	470 2	50	500	0	94	80-120	472 3	0 451	20	
Chloromethane	367 5	50	500	0	73 5	67-123	368 5	0 253	20	
cis-1,2-Dichloroethene	521 4	50	500	0	104	78-120	518 4	0 563	20	
cis-1,3-Dichloropropene	430 6	50	500	0	86 1	80-120	426 6	0 927	20	
Dibromochloromethane	482 1	50	500	0	96 4	80-120	480 5	0 339	20	
Ethylbenzene	500 6	50	500	0	100	80-120	514 2	2 69	20	
m,p-Xylene	1002	100	1000	7 026	99 5	78-121	1030	2 73	20	
Methyl tert-butyl ether	530 9	50	500	2.816	106	73-121	515 7	2 9	20	
Methylene chloride	507 5	100	500	0	101	65-133	513 3	1 14	20	
Naphthalene	509 2	50	500	60 53	89 7	65-135	501 6	1 5	20	
o-Xylene	508 9	50	500	0	102	80-120	521 4	2 43	20	
Styrene	521 9	50	500	0	104	80-120	527 9	1 16	20	
Tert-butyl alcohol	32800	1,000	10000	19610	132	56-144	34400	4 77	20	
Tetrachloroethene	509 6	50	500	0	102	79-120	520 1	2 03	20	
Toluene	504 8	50	500	0	101	80-120	520 6	3 08	20	
trans-1,2-Dichloroethene	507 8	50	500	0	102	78-120	506 2	0 314	20	
trans-1,3-Dichloropropene	403 9	50	500	0	80 8	80-120	401 3	0.654	20	
Trichloroethene	495 2	50	500	0	99	80-120	507	2 37	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144010**	Instrument ID **VOA4**		Method **SW8260**						
Vinyl chloride	485	20	500	0	97	70-127	495 9	2 22	20
Xylenes, Total	1511	150	1500	0	101	80-120	1551	2 63	20
Surr 1,2-Dichloroethane-d4	473 3	50	*500*	0	*94 7*	*70-125*	463 6	*2 08*	*20*
Surr 4-Bromofluorobenzene	522 1	50	*500*	0	*104*	*72-125*	526 4	*0 826*	*20*
Surr Dibromofluoromethane	538 6	50	*500*	0	*108*	*71-125*	522 7	*3*	*20*
Surr Toluene-d8	568	50	*500*	0	*114*	*75-125*	571.7	*0 653*	*20*

The following samples were analyzed in this batch:

1303407-27A	1303407-28A	1303407-29A
1303407-30A	1303407-31A	1303407-32A
1303407-33A	1303407-34A	1303407-35A
1303407-36A	1303407-37A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144041** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130314-R144041** Units **µg/L** Analysis Date **3/14/2013 12:57 PM**
Client ID Run ID **VOA6_130314A** SeqNo **3141141** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	U	100								
Surr. 1,2-Dichloroethane-d4	52 03	5 0	*50*	0	*104*	*70-125*	0			
Surr. 4-Bromofluorobenzene	48 71	5 0	*50*	0	*97 4*	*72-125*	0			
Surr Dibromofluoromethane	50 35	5 0	*50*	0	*101*	*71-125*	0			
Surr Toluene-d8	50.09	5 0	*50*	0	*100*	*75-125*	0			

LCS Sample ID **VLCSW-130314-R144041** Units **µg/L** Analysis Date **3/14/2013 11:43 AM**
Client ID Run ID **VOA6_130314A** SeqNo **3141140** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1008	100	1000	0	101	56-144	0			
Surr 1,2-Dichloroethane-d4	49 8	5 0	*50*	0	*99 6*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 49	5 0	*50*	0	*101*	*72-125*	0			
Surr Dibromofluoromethane	50 17	5.0	*50*	0	*100*	*71-125*	0			
Surr Toluene-d8	50 01	5 0	*50*	0	*100*	*75-125*	0			

MS Sample ID **1303364-35AMS** Units **µg/L** Analysis Date **3/14/2013 02:13 PM**
Client ID Run ID **VOA6_130314A** SeqNo **3141143** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1165	100	1000	0	117	56-144	0			
Surr 1,2-Dichloroethane-d4	50 7	5 0	*50*	0	*101*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 86	5 0	*50*	0	*102*	*72-125*	0			
Surr Dibromofluoromethane	50.75	5 0	*50*	0	*101*	*71-125*	0			
Surr. Toluene-d8	49 78	5 0	*50*	0	*99 6*	*75-125*	0			

MSD Sample ID **1303364-35AMSD** Units **µg/L** Analysis Date **3/14/2013 02:39 PM**
Client ID Run ID **VOA6_130314A** SeqNo **3141144** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1137	100	1000	0	114	56-144	1165	2 43	20	
Surr 1,2-Dichloroethane-d4	50 64	5 0	*50*	0	*101*	*70-125*	50.7	*0 114*	*20*	
Surr 4-Bromofluorobenzene	50 48	5 0	*50*	0	*101*	*72-125*	50 86	*0 752*	*20*	
Surr Dibromofluoromethane	50 9	5 0	*50*	0	*102*	*71-125*	50 75	*0 297*	*20*	
Surr Toluene-d8	50 89	5 0	*50*	0	*102*	*75-125*	49 78	*2 21*	*20*	

The following samples were analyzed in this batch: 1303407-16A 1303407-17A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144051** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130314-R144051** Units **µg/L** Analysis Date **3/14/2013 11:24 AM**

Client ID Run ID **VOA1_130314A** SeqNo **3141289** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0	0	0	0	0-0	0			
1,1,2,2-Tetrachloroethane	U	5.0	0	0	0	0-0	0			
1,1,2-Trichloroethane	U	5.0	0	0	0	0-0	0			
1,1-Dichloroethane	U	5.0	0	0	0	0-0	0			
1,1-Dichloroethene	U	5.0	0	0	0	0-0	0			
1,2-Dichloroethane	U	5.0	0	0	0	0-0	0			
1,2-Dichloropropane	U	5.0	0	0	0	0-0	0			
2-Butanone	U	10	0	0	0	0-0	0			
2-Hexanone	U	10	0	0	0	0-0	0			
4-Methyl-2-pentanone	U	10	0	0	0	0-0	0			
Acetone	U	10	0	0	0	0-0	0			
Allyl Chloride	U	10	0	0	0	0-0	0			
Benzene	U	5.0	0	0	0	0-0	0			
Bromodichloromethane	U	5.0	0	0	0	0-0	0			
Bromoform	U	5.0	0	0	0	0-0	0			
Bromomethane	U	5.0	0	0	0	0-0	0			
Carbon disulfide	U	10	0	0	0	0-0	0			
Carbon tetrachloride	U	5.0	0	0	0	0-0	0			
Chlorobenzene	U	5.0	0	0	0	0-0	0			
Chloroethane	U	5.0	0	0	0	0-0	0			
Chloroform	U	5.0	0	0	0	0-0	0			
Chloromethane	U	5.0	0	0	0	0-0	0			
cis-1,2-Dichloroethene	U	5.0	0	0	0	0-0	0			
cis-1,3-Dichloropropene	U	5.0	0	0	0	0-0	0			
Dibromochloromethane	U	5.0	0	0	0	0-0	0			
Ethylbenzene	U	5.0	0	0	0	0-0	0			
m,p-Xylene	U	10	0	0	0	0-0	0			
Methyl tert-butyl ether	U	5.0	0	0	0	0-0	0			
Methylene chloride	U	10	0	0	0	0-0	0			
Naphthalene	U	5.0	0	0	0	0-0	0			
o-Xylene	U	5.0	0	0	0	0-0	0			
Styrene	U	5.0	0	0	0	0-0	0			
Tert-butyl alcohol	U	100	0	0	0	0-0	0			
Tetrachloroethene	U	5.0	0	0	0	0-0	0			
Toluene	U	5.0	0	0	0	0-0	0			
trans-1,2-Dichloroethene	U	5.0	0	0	0	0-0	0			
trans-1,3-Dichloropropene	U	5.0	0	0	0	0-0	0			
Trichloroethene	U	5.0	0	0	0	0-0	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144051** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	U	2 0	0	0	0	0-0	0
Xylenes, Total	U	15	0	0	0	0-0	0
Surr 1,2-Dichloroethane-d4	48 16	5 0	*50*	0	*96 3*	*70-125*	0
Surr 4-Bromofluorobenzene	45 84	5 0	*50*	0	*91 7*	*72-125*	0
Surr Dibromofluoromethane	49 8	5 0	*50*	0	*99 6*	*71-125*	0
Surr Toluene-d8	44 55	5 0	*50*	0	*89 1*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144051** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130314-R144051** Units **µg/L** Analysis Date **3/14/2013 10:09 AM**
Client ID Run ID **VOA1_130314A** SeqNo **3141288** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 76	5 0	50	0	106	80-120	0	0		
1,1,2,2-Tetrachloroethane	50 34	5 0	50	0	101	72-120	0	0		
1,1,2-Trichloroethane	51 85	5 0	50	0	104	80-120	0	0		
1,1-Dichloroethane	53 29	5 0	50	0	107	76-120	0	0		
1,1-Dichloroethene	48 84	5 0	50	0	97 7	73-124	0	0		
1,2-Dichloroethane	51 64	5 0	50	0	103	78-120	0	0		
1,2-Dichloropropane	50 04	5 0	50	0	100	80-120	0	0		
2-Butanone	100 6	10	100	0	101	58-132	0	0		
2-Hexanone	99 58	10	100	0	99 6	61-130	0	0		
4-Methyl-2-pentanone	106 2	10	100	0	106	65-127	0	0		
Acetone	91 09	10	100	0	91.1	59-137	0	0		
Allyl Chloride	52 66	10	50	0	105	60-137	0	0		
Benzene	51 78	5 0	50	0	104	73-121	0	0		
Bromodichloromethane	52 25	5 0	50	0	104	80-120	0	0		
Bromoform	54 95	5 0	50	0	110	79-120	0	0		
Bromomethane	55 08	5 0	50	0	110	66-137	0	0		
Carbon disulfide	101 9	10	100	0	102	68-141	0	0		
Carbon tetrachloride	50 67	5 0	50	0	101	75-124	0	0		
Chlorobenzene	48 91	5 0	50	0	97.8	80-120	0	0		
Chloroethane	53 58	5 0	50	0	107	76-121	0	0		
Chloroform	53 92	5.0	50	0	108	80-120	0	0		
Chloromethane	51 34	5 0	50	0	103	67-123	0	0		
cis-1,2-Dichloroethene	52 19	5 0	50	0	104	78-120	0	0		
cis-1,3-Dichloropropene	51 82	5 0	50	0	104	80-120	0	0		
Dibromochloromethane	51 9	5 0	50	0	104	80-120	0	0		
Ethylbenzene	50 63	5 0	50	0	101	80-120	0	0		
m,p-Xylene	97 83	10	100	0	97.8	78-121	0	0		
Methyl tert-butyl ether	50 36	5 0	50	0	101	73-121	0	0		
Methylene chloride	52 88	10	50	0	106	65-133	0	0		
Naphthalene	56 63	5 0	50	0	113	65-135	0	0		
o-Xylene	52 27	5 0	50	0	105	80-120	0	0		
Styrene	53 51	5 0	50	0	107	80-120	0	0		
Tert-butyl alcohol	1026	100	1000	0	103	56-144	0	0	0	
Tetrachloroethene	50 46	5 0	50	0	101	79-120	0	0		
Toluene	51 6	5 0	50	0	103	80-120	0	0		
trans-1,2-Dichloroethene	51 11	5 0	50	0	102	78-120	0	0		
trans-1,3-Dichloropropene	53 57	5 0	50	0	107	80-120	0	0		
Trichloroethene	51 44	5 0	50	0	103	80-120	0	0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144051** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	51 14	2 0	50	0	102	70-127	0	0
Xylenes, Total	150 1	15	150	0	100	80-120	0	0
Surr 1,2-Dichloroethane-d4	49 25	5 0	*50*	0	*98 5*	*70-125*	48 16	*0*
Surr 4-Bromofluorobenzene	51 05	5 0	*50*	0	*102*	*72-125*	45 84	*0*
Surr Dibromofluoromethane	51 84	5 0	*50*	0	*104*	*71-125*	49 8	*0*
Surr Toluene-d8	48 11	5 0	*50*	0	*96 2*	*75-125*	44 55	*0*

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144051** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303407-20AMS** Units **µg/L** Analysis Date **3/14/2013 01:03 PM**
Client ID **INT-135** Run ID **VOA1_130314A** SeqNo **3141293** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49 53	5 0	50	0	99 1	80-120	0			
1,1,2,2-Tetrachloroethane	52 3	5 0	50	0	105	72-120	0			
1,1,2-Trichloroethane	57 65	5 0	50	0	115	80-120	0			
1,1-Dichloroethane	48 02	5 0	50	0	96	76-120	0			
1,1-Dichloroethene	47 58	5 0	50	0	95 2	73-124	0			
1,2-Dichloroethane	52 64	5 0	50	0	105	78-120	0			
1,2-Dichloropropane	50 56	5 0	50	0	101	80-120	0			
2-Butanone	96 22	10	100	0	96 2	58-132	0			
2-Hexanone	122 4	10	100	0	122	61-130	0			
4-Methyl-2-pentanone	127 1	10	100	0	127	65-127	0			S
Acetone	89 9	10	100	0	89 9	59-137	0			
Allyl Chloride	44 89	10	50	0	89 8	60-137	0			
Benzene	47 71	5 0	50	0	95 4	73-121	0			
Bromodichloromethane	51 6	5 0	50	0	103	80-120	0			
Bromoform	57 76	5 0	50	0	116	79-120	0			
Bromomethane	49 01	5 0	50	0	98	66-137	0			
Carbon disulfide	94 52	10	100	0	94 5	68-141	0			
Carbon tetrachloride	48 82	5 0	50	0	97.6	75-124	0			
Chlorobenzene	50 14	5 0	50	0	100	80-120	0			
Chloroethane	49 22	5 0	50	0	98 4	76-121	0			
Chloroform	49 06	5 0	50	0	98 1	80-120	0			
Chloromethane	43 23	5 0	50	0	86 5	67-123	0			
cis-1,2-Dichloroethene	52 01	5 0	50	0	104	78-120	0			
cis-1,3-Dichloropropene	54 19	5.0	50	0	108	80-120	0			
Dibromochloromethane	56 28	5 0	50	0	113	80-120	0			
Ethylbenzene	52 26	5 0	50	0	105	80-120	0			
m,p-Xylene	105 4	10	100	0	105	78-121	0			
Methyl tert-butyl ether	51 42	5 0	50	0	103	73-121	0			
Methylene chloride	50 31	10	50	0	101	65-133	0			
Naphthalene	49 04	5 0	50	0	98 1	65-135	0			
o-Xylene	51 42	5 0	50	0	103	80-120	0			
Styrene	53 01	5 0	50	0	106	80-120	0			
Tert-butyl alcohol	2975	100	1000	0	298	56-144	0			S
Tetrachloroethene	49 56	5 0	50	0	99 1	79-120	0			
Toluene	57 18	5 0	50	0	114	80-120	0			
trans-1,2-Dichloroethene	46 42	5 0	50	0	92 8	78-120	0			
trans-1,3-Dichloropropene	54 65	5 0	50	0	109	80-120	0			
Trichloroethene	49 1	5 0	50	0	98 2	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID R144051	Instrument ID VOA1		Method SW8260				
Vinyl chloride	47 2	2 0	50	0	94 4	70-127	0
Xylenes, Total	156 8	15	150	0	105	80-120	0
Surr 1,2-Dichloroethane-d4	47 77	5 0	*50*	0	*95 5*	*70-125*	0
Surr 4-Bromofluorobenzene	54 04	5 0	*50*	0	*108*	*72-125*	0
Surr Dibromofluoromethane	50 03	5 0	*50*	0	*100*	*71-125*	0
Surr Toluene-d8	55 34	5 0	*50*	0	*111*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144051** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303407-20AMSD** Units **µg/L** Analysis Date **3/14/2013 01:28 PM**
Client ID **INT-135** Run ID **VOA1_130314A** SeqNo **3141294** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 96	5 0	50	0	106	80-120	49 53	6 7	20	
1,1,2,2-Tetrachloroethane	49 75	5 0	50	0	99 5	72-120	52 3	5	20	
1,1,2-Trichloroethane	54 69	5 0	50	0	109	80-120	57 65	5 27	20	
1,1-Dichloroethane	48 33	5 0	50	0	96 7	76-120	48 02	0 642	20	
1,1-Dichloroethene	49 62	5 0	50	0	99 2	73-124	47 58	4 19	20	
1,2-Dichloroethane	50 6	5 0	50	0	101	78-120	52 64	3 94	20	
1,2-Dichloropropane	51 98	5 0	50	0	104	80-120	50 56	2 77	20	
2-Butanone	100 3	10	100	0	100	58-132	96 22	4 2	20	
2-Hexanone	107 4	10	100	0	107	61-130	122 4	13	20	
4-Methyl-2-pentanone	119 2	10	100	0	119	65-127	127 1	6 4	20	
Acetone	93 72	10	100	0	93 7	59-137	89 9	4 15	20	
Allyl Chloride	49 36	10	50	0	98 7	60-137	44 89	9 5	20	
Benzene	47 82	5 0	50	0	95 6	73-121	47 71	0 23	20	
Bromodichloromethane	50 54	5 0	50	0	101	80-120	51 6	2 07	20	
Bromoform	57 39	5 0	50	0	115	79-120	57 76	0 643	20	
Bromomethane	52 01	5 0	50	0	104	66-137	49 01	5 94	20	
Carbon disulfide	90 9	10	100	0	90 9	68-141	94 52	3 91	20	
Carbon tetrachloride	47 21	5 0	50	0	94 4	75-124	48 82	3 35	20	
Chlorobenzene	50 82	5 0	50	0	102	80-120	50 14	1 35	20	
Chloroethane	55 59	5 0	50	0	111	76-121	49 22	12 1	20	
Chloroform	50 58	5 0	50	0	101	80-120	49 06	3 06	20	
Chloromethane	44 16	5 0	50	0	88 3	67-123	43 23	2 12	20	
cis-1,2-Dichloroethene	50 83	5 0	50	0	102	78-120	52 01	2 3	20	
cis-1,3-Dichloropropene	50 74	5 0	50	0	101	80-120	54 19	6 57	20	
Dibromochloromethane	57 23	5 0	50	0	114	80-120	56 28	1 67	20	
Ethylbenzene	54 37	5 0	50	0	109	80-120	52 26	3 97	20	
m,p-Xylene	103 1	10	100	0	103	78-121	105.4	2 16	20	
Methyl tert-butyl ether	56 41	5 0	50	0	113	73-121	51 42	9 26	20	
Methylene chloride	55 78	10	50	0	112	65-133	50 31	10 3	20	
Naphthalene	54 7	5 0	50	0	109	65-135	49 04	10 9	20	
o-Xylene	53 1	5 0	50	0	106	80-120	51 42	3 21	20	
Styrene	54 43	5 0	50	0	109	80-120	53 01	2 64	20	
Tert-butyl alcohol	1238	100	1000	0	124	56-144	2975	82 4	20	R
Tetrachloroethene	48 54	5 0	50	0	97 1	79-120	49.56	2 08	20	
Toluene	52 8	5 0	50	0	106	80-120	57 18	7 97	20	
trans-1,2-Dichloroethene	51 12	5 0	50	0	102	78-120	46 42	9 64	20	
trans-1,3-Dichloropropene	53 65	5 0	50	0	107	80-120	54 65	1 84	20	
Trichloroethene	48 48	5 0	50	0	97	80-120	49 1	1 26	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID R144051	Instrument ID VOA1		Method SW8260						
Vinyl chloride	46 41	2 0	50	0	92 8	70-127	47.2	1 69	20
Xylenes, Total	156 2	15	150	0	104	80-120	156 8	0 37	20
Surr 1,2-Dichloroethane-d4	47 79	5 0	*50*	0	*95.6*	*70-125*	47 77	*0 0489*	*20*
Surr: 4-Bromofluorobenzene	52 83	5 0	*50*	0	*106*	*72-125*	54 04	*2.27*	*20*
Surr Dibromofluoromethane	53 18	5 0	*50*	0	*106*	*71-125*	50 03	*6 12*	*20*
Surr Toluene-d8	52 2	5 0	*50*	0	*104*	*75-125*	55 34	*5 84*	*20*

The following samples were analyzed in this batch:

1303407-07A	1303407-08A	1303407-09A
1303407-10A	1303407-11A	1303407-14A
1303407-15A	1303407-19A	1303407-20A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144100** Instrument ID **VOA6** Method. **SW8260**

MBLK Sample ID **VBLKW-130315-R144100** Units **µg/L** Analysis Date **3/15/2013 12:33 PM**
Client ID Run ID **VOA6_130315A** SeqNo **3142135** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	5 0								
Tert-butyl alcohol	U	100								
Surr 1,2-Dichloroethane-d4	52 24	5 0	*50*	0	*104*	*70-125*	0			
Surr 4-Bromofluorobenzene	49 43	5 0	*50*	0	*98 9*	*72-125*	0			
Surr Dibromofluoromethane	49 08	5 0	*50*	0	*98 2*	*71-125*	0			
Surr Toluene-d8	49 25	5 0	*50*	0	*98 5*	*75-125*	0			

LCS Sample ID **VLCSW-130315-R144100** Units **µg/L** Analysis Date **3/15/2013 11:19 AM**
Client ID Run ID **VOA6_130315A** SeqNo **3142134** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	50 71	5 0	50	0	101	73-121	0			
Tert-butyl alcohol	1113	100	1000	0	111	56-144	0			
Surr. 1,2-Dichloroethane-d4	50 77	5 0	*50*	0	*102*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 93	5 0	*50*	0	*102*	*72-125*	0			
Surr Dibromofluoromethane	50 59	5 0	*50*	0	*101*	*71-125*	0			
Surr Toluene-d8	50 76	5 0	*50*	0	*102*	*75-125*	0			

MS Sample ID **1303364-33AMS** Units **µg/L** Analysis Date **3/15/2013 04:17 PM**
Client ID Run ID **VOA6_130315A** SeqNo **3142139** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	2429	250	2500	69 2	94 4	73-121	0			
Tert-butyl alcohol	56870	5,000	50000	2793	108	56-144	0			
Surr 1,2-Dichloroethane-d4	2549	250	*2500*	0	*102*	*70-125*	0			
Surr 4-Bromofluorobenzene	2604	250	*2500*	0	*104*	*72-125*	0			
Surr Dibromofluoromethane	2513	250	*2500*	0	*101*	*71-125*	0			
Surr Toluene-d8	2544	250	*2500*	0	*102*	*75-125*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144100** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303364-33AMSD** Units **µg/L** Analysis Date **3/15/2013 04:43 PM**

Client ID Run ID **VOA6_130315A** SeqNo **3142140** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	2513	250	2500	69 2	97 8	73-121	2429	3 41	20	
Tert-butyl alcohol	53690	5,000	50000	2793	102	56-144	56870	5 76	20	
Surr 1,2-Dichloroethane-d4	2561	250	*2500*	0	*102*	*70-125*	2549	*0 489*	*20*	
Surr 4-Bromofluorobenzene	2545	250	*2500*	0	*102*	*72-125*	2604	*2 29*	*20*	
Surr Dibromofluoromethane	2555	250	*2500*	0	*102*	*71-125*	2513	*1 66*	*20*	
Surr Toluene-d8	2513	250	*2500*	0	*101*	*75-125*	2544	*1 22*	*20*	

The following samples were analyzed in this batch:

1303407-09A	1303407-10A	1303407-11A
1303407-13A	1303407-15A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303407
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130317-R144121** Units **µg/L** Analysis Date **3/17/2013 12:13 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142747** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	U	100								
Surr 1,2-Dichloroethane-d4	50 98	5 0	*50*	0	*102*	*70-125*	0			
Surr 4-Bromofluorobenzene	49 94	5 0	*50*	0	*99 9*	*72-125*	0			
Surr Dibromofluoromethane	50 43	5 0	*50*	0	*101*	*71-125*	0			
Surr Toluene-d8	52 08	5 0	*50*	0	*104*	*75-125*	0			

LCS Sample ID **VLCSW-130317-R144121** Units **µg/L** Analysis Date **3/17/2013 12:38 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142749** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1051	100	1000	0	105	56-144	0			
Surr 1,2-Dichloroethane-d4	50 7	5 0	*50*	0	*101*	*70-125*	0			
Surr 4-Bromofluorobenzene	52 76	5 0	*50*	0	*106*	*72-125*	0			
Surr Dibromofluoromethane	50 41	5 0	*50*	0	*101*	*71-125*	0			
Surr: Toluene-d8	51 53	5 0	*50*	0	*103*	*75-125*	0			

MS Sample ID **1303364-21AMS** Units **µg/L** Analysis Date **3/17/2013 02:38 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142755** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	53150	5,000	50000	0	106	56-144	0			
Surr 1,2-Dichloroethane-d4	2554	250	*2500*	0	*102*	*70-125*	0			
Surr 4-Bromofluorobenzene	2578	250	*2500*	0	*103*	*72-125*	0			
Surr Dibromofluoromethane	2497	250	*2500*	0	*99 9*	*71-125*	0			
Surr Toluene-d8	2497	250	*2500*	0	*99 9*	*75-125*	0			

MSD Sample ID **1303364-21AMSD** Units **µg/L** Analysis Date **3/17/2013 03:04 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142757** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	59280	5,000	50000	0	119	56-144	53150	10 9	20	
Surr 1,2-Dichloroethane-d4	2545	250	*2500*	0	*102*	*70-125*	2554	*0 366*	*20*	
Surr 4-Bromofluorobenzene	2587	250	*2500*	0	*103*	*72-125*	2578	*0 363*	*20*	
Surr Dibromofluoromethane	2550	250	*2500*	0	*102*	*71-125*	2497	*2 08*	*20*	
Surr Toluene-d8	2503	250	*2500*	0	*100*	*75-125*	2497	*0 227*	*20*	

The following samples were analyzed in this batch: 1303407-11A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Project: FLTG 0184582-B
WorkOrder: 1303407

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name	ERMSW-HOU	Date/Time Received	12-Mar-13 10:00
Work Order	1303407	Received by	JEM

Checklist completed by Johnnie B. Allen (eSignature) 12-Mar-13 (Date) Reviewed by Bernadette A Fine (eSignature) 13-Mar-13 (Date)

Matrices: water
Carrier name: ALS HS

	Yes	No	Not Present
Shipping container/cooler in good condition?	☑	☐	☐
Custody seals intact on shipping container/cooler?	☐	☐	☑
Custody seals intact on sample bottles?	☐	☐	☑
Chain of custody present?	☑	☐	
Chain of custody signed when relinquished and received?	☑	☐	
Chain of custody agrees with sample labels?	☑	☐	
Samples in proper container/bottle?	☑	☐	
Sample containers intact?	☑	☐	
Sufficient sample volume for indicated test?	☑	☐	
All samples received within holding time?	☑	☐	
Container/Temp Blank temperature in compliance?	☑	☐	

Temperature(s)/Thermometer(s): 0 9 C/uc IR1
Cooler(s)/Kit(s): 7008
Date/Time sample(s) sent to storage: 3/12/13 15 20

	Yes	No	
Water - VOA vials have zero headspace?	☑	☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	☑	☐	N/A ☐
pH adjusted?	☐	☑	N/A ☐

pH adjusted by: -

Login Notes: SI-131 collected 3/11/13@ 11 00 on chain, label has it as S1 -31 collected 3/11/13 @ 11 00 on sample label

Client Contacted | Date Contacted | Person Contacted

Contacted By | Regarding

Comments

CorrectiveAction

SRC Page 1 of 1

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Chain of Custody Form

Page 1 of 5

COC ID: 73934

1303407

ERMSW-HOU: Environmental Resources Management

Project: FLTG 0184582-B

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	INT-022	3/11/13	1255	H2O	HCL	3	X										
2	INT-022-Dup		1300				X										
3	INT-214		1335				X										
4	INT-250		1405				X										
5	SI-051-P-3		1430				X										
6	INT-026		~~1435~~				X										
7	SI-167		0937				X										
8	SI-147		1010				X										
9	INT-259		1050				X										
10	SI-166		1115				X										

Sampler(s) Please Print & Sign: [illegible] | Shipment Method: Pick Up | Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other | Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT
[signature]	3/12/13	1530	[signature] 10:00	
Relinquished by: [signature]	Date: 3-12-13	Time: 12:14	Received by (Laboratory): [signature] 3.12.13. 12:14.	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
7008	

QC Package: (Check One Box Below)
- ☑ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other / EDD _____
- ☐ TRRP CheckList
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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ALS Environmental

Chain of Custody Form

COC ID: 73930

ALS Project Manager:

ALS Work Order #: 1303485

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5821	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E	
				F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SI - 147	3/11/13	1145	H_2O	HCL	3	X										
2	INT - 267		1223				X										
3	SI - 148		1250				X										
4	SI - 106 R		1318				X										
5	INT - 154		1352				X										
6	SI - 168		1430				X										
7	SI - 168 - DUP		1435				X										
8	SI - 168 (MS)		1440				X										
9	SI - 168 (MSD)		1445				X										
10	FB-1		1500				X										

Sampler(s) Please Print & Sign: Garrett Rosenbaum

Shipment Method: Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
	3/12/13	1530	10:00	10 Day TAT
Relinquished by:	Date: 3-12-13	Time: 12:14	Received by (Laboratory): 3-12-13. 12:14.	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
7008	

QC Package: (Check One Box Below)
☑ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EDD
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Chain of Custody Form

COC ID: 73933

ALS Project Manager: | ALS Work Order #: 1303407

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place	Address	15810 Park Ten Place	E	
	Suite 300		Suite 300	F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	INT-144	3/11/13	940	H2O	HCL/HNO3	4	X	X									
2	INT-135		1005		HCL/HNO3	4	X	X									
3	S1-135		1035		HCL/HNO3	4	X	X									
4	S1-135-DUP		1040		HCL/HNO3	4	X	X									
5	S1-135 (MS)		1045		HCL	3	X										
6	S1-135 (MSD)		1050		HCL	3	X										
7	INT-134		1115		HCL	3	X										
8	INT-253		1140		HCL	3	X										
9	INT-254		1205		HCL	3	X										
10	S1-033		1230		HCL/HNO3	4	X	X									

Sampler(s) Please Print & Sign: [signature]

Shipment Method: Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other:

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
[signature]	3/12/13	1530	[signature] 10:00	10 Day TAT
Relinquished By: [signature]	3-12-13	12:14	Received by (Laboratory): [signature] 3-12-13 12:14	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
1008	

QC Package: (Check One Box Below)
☑ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EQD _____
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Chain of Custody Form

Page 4 of 5

COC ID: 73932

ALS Project Manager:

ALS Work Order #: 1303407

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	INT-163	3/11/13	950	H_2O	1	3	X										
2	INT-233		1025		1	3	X										
3	SI-131		1100		1, 2	4	X	X									
4	INT-161		1135		1	3	X										
5	P-5		1215		1		X										
6	INT-166		1250		1		X										
7	INT-120		1325		1		X										
8	INT-123		1405		1		X										
9	INT-167		1450		1		X										
10	SI-121		1525		1		X										

Sampler(s) Please Print & Sign: Jeff Billingsley

Shipment Method: Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	
	3/11/13	1530		10:00
Relinquished by:	Date:	Time:	Received by (Laboratory):	
	3-12-13	12:14		3-12-13 12:14
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: 10 Day TAT

Cooler ID	Cooler Temp.
7008	

QC Package: (Check One Box Below)
- ☑ Level I Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other / EDD _____
- ☐ TRRP CheckList
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

Page 5 of 5

COC ID: 73929

ALS Project Manager: | ALS Work Order #: 1503487

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Trip Blank	3/11/13	—	H2O	HCL	3	X										
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: James Rogers

Shipment Method: Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT
James Rogers	3/11/13	1530	John Murray 10:00	
John Murray	3-12-13	12:14	3.12.13 12:14	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
7008	

QC Package: (Check One Box Below)
☑ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EDD
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
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ALS Environmental

20-Mar-2013

Rob Jaros
Environmental Resources Management
15810 Park Ten Place
Suite 300
Houston, TX 77084

Tel: (281) 600-1117
Fax: (281) 600-1001

Re: FLTG 0184582-B

Work Order: **1303487**

Dear Rob,

ALS Environmental received 31 samples on 13-Mar-2013 10:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 122

If you have any questions regarding this report, please feel free to call me

Sincerely,

Electronically approved by: Luke F Hernandez

Bernadette A. Fini
Project Manager

Certificate No TX T104704231-12-10

ALS Environmental

Date: 20-Mar-13

Client: Environmental Resources Management
Project: FLTG 0184582-B
Work Order: 1303487

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1303487-01	INT-217	Water		3/12/2013 11:50	3/13/2013 10:30	☐
1303487-02	INT-252	Water		3/12/2013 12:15	3/13/2013 10:30	☐
1303487-03	INT-150	Water		3/12/2013 12:40	3/13/2013 10:30	☐
1303487-04	S1-111	Water		3/12/2013 13:05	3/13/2013 10:30	☐
1303487-05	INT-251	Water		3/12/2013 13:30	3/13/2013 10:30	☐
1303487-06	INT-108	Water		3/12/2013 13:53	3/13/2013 10:30	☐
1303487-07	INT-235	Water		3/12/2013 14:18	3/13/2013 10:30	☐
1303487-08	S1-123	Water		3/12/2013 14:45	3/13/2013 10:30	☐
1303487-09	FB-2	Water		3/12/2013 14:50	3/13/2013 10:30	☐
1303487-10	Trip Blank	Water		3/12/2013	3/13/2013 10:30	☐
1303487-11	S1-146	Water		3/12/2013 09:40	3/13/2013 10:30	☐
1303487-12	INT-260	Water		3/12/2013 10:11	3/13/2013 10:30	☐
1303487-13	S1-145	Water		3/12/2013 10:50	3/13/2013 10:30	☐
1303487-14	S1-144	Water		3/12/2013 11:30	3/13/2013 10:30	☐
1303487-15	S1-169	Water		3/12/2013 12:00	3/13/2013 10:30	☐
1303487-16	S1-106A	Water		3/12/2013 12:31	3/13/2013 10:30	☐
1303487-17	INT-106	Water		3/12/2013 13:05	3/13/2013 10:30	☐
1303487-18	INT-261	Water		3/12/2013 01:35	3/13/2013 10:30	☐
1303487-19	S1-108A	Water		3/12/2013 14:07	3/13/2013 10:30	☐
1303487-20	S1-154	Water		3/12/2013 14:30	3/13/2013 10:30	☐
1303487-21	S1-155	Water		3/12/2013 14:52	3/13/2013 10:30	☐
1303487-22	S1-143	Water		3/12/2013 09:45	3/13/2013 10:30	☐
1303487-23	INT-239	Water		3/12/2013 10:25	3/13/2013 10:30	☐
1303487-24	S1-131	Water		3/12/2013 11:05	3/13/2013 10:30	☐
1303487-25	S1-160	Water		3/12/2013 11:40	3/13/2013 10:30	☐
1303487-26	S1-138	Water		3/12/2013 12:15	3/13/2013 10:30	☐
1303487-27	S1-64	Water		3/12/2013 13:00	3/13/2013 10:30	☐
1303487-28	S1-139	Water		3/12/2013 13:45	3/13/2013 10:30	☐
1303487-29	S1-162	Water		3/12/2013 14:20	3/13/2013 10:30	☐
1303487-30	S1-161	Water		3/12/2013 14:55	3/13/2013 10:30	☐
1303487-31	S1-165	Water		3/12/2013 15:30	3/13/2013 10:30	☐

Client: Environmental Resources Management
Project: FLTG 0184582-B
Work Order: 1303487

Case Narrative

Batch R144095, Volatile Organics Method 8260, Sample VLCSW-130315: Chloroethane exceeded quality control limits for LCS. CCV was with in limits. The associated sample results are Non Detect "ND".

Batch R144121, Volatile Organics Method 8260, Sample VSTD050: Naphthalene exceeded %D quality control limits for CCV. LCS was within limits. The associated sample results are Non Detect. "ND". The MS/MSD for this batch is for an unrelated sample.

Batch R144218, Volatile Organics Method 8260, Sample VSTD050: Chloroethane exceeded %D quality control limits for CCV. LCS was within limits. The associated sample results are Non Detect. "ND".

Batch R144137, Volatile Organics Method 8260, Sample 1303587-03: MS/MSD is for an unrelated sample.

Batch R144200, Volatile Organics Method 8260, Sample 1303544-17: MS/MSD is for an unrelated sample.

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-217
Collection Date: 3/12/2013 11:50 AM

Work Order: 1303487
Lab ID: 1303487-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 12 14
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 12 14
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 12 14
1,1-Dichloroethane	**1.3**	**J**	**0.50**	**5.0**	**µg/L**	1	3/15/2013 12 14
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 12 14
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 12 14
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 12 14
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 12 14
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 12 14
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 12 14
Acetone	U		3 0	10	µg/L	1	3/15/2013 12 14
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 12 14
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 12 14
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 12 14
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 12 14
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 12 14
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 12 14
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 12 14
Chlorobenzene	**1.2**	**J**	**0.50**	**5.0**	**µg/L**	1	3/15/2013 12 14
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 12 14
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 12 14
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 12 14
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 12 14
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 12 14
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 12 14
Ethylbenzene	U		0.50	5 0	µg/L	1	3/15/2013 12 14
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 12 14
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 12 14
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 12 14
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 12 14
o-Xylene	U		0.50	5 0	µg/L	1	3/15/2013 12 14
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 12 14
Tert-butyl alcohol	U		50	100	µg/L	1	3/15/2013 12 14
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 12 14
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 12 14
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 12 14
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 12 14
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 12 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-217
Collection Date: 3/12/2013 11:50 AM

Work Order: 1303487
Lab ID: 1303487-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1.4**	**J**	**0.50**	**2.0**	**µg/L**	1	3/15/2013 12 14
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 12 14
Surr 1,2-Dichloroethane-d4	*99 2*			*70-125*	*%REC*	1	3/15/2013 12 14
Surr 4-Bromofluorobenzene	*97 8*			*72-125*	*%REC*	1	3/15/2013 12 14
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/15/2013 12 14
Surr Toluene-d8	*96 9*			*75-125*	*%REC*	1	3/15/2013 12 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-252
Collection Date: 3/12/2013 12:15 PM

Work Order: 1303487
Lab ID: 1303487-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst. PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 46
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/15/2013 16 46
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 46
1,1-Dichloroethane	**7.6**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 16 46
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/15/2013 16 46
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 46
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 16 46
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 16 46
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 16 46
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 16 46
Acetone	U		3 0	10	µg/L	1	3/15/2013 16 46
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 16 46
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 16 46
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 16 46
Bromoform	U		0.90	5 0	µg/L	1	3/15/2013 16 46
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 16 46
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 16 46
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 16 46
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 16 46
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 16 46
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 16 46
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 16 46
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 46
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/15/2013 16 46
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 16 46
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 16 46
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 16 46
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 16 46
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 16 46
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 16 46
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 16 46
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 16 46
Tert-butyl alcohol	U		50	100	µg/L	1	3/15/2013 16 46
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 46
Toluene	U		0.50	5 0	µg/L	1	3/15/2013 16 46
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 46
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 16 46
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 46

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-252
Collection Date: 3/12/2013 12:15 PM

Work Order: 1303487
Lab ID: 1303487-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/15/2013 16 46
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 16 46
Surr 1,2-Dichloroethane-d4	*96 3*			*70-125*	*%REC*	1	3/15/2013 16 46
Surr 4-Bromofluorobenzene	*94 2*			*72-125*	*%REC*	1	3/15/2013 16 46
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/15/2013 16 46
Surr Toluene-d8	*103*			*75-125*	*%REC*	1	3/15/2013 16 46

Note: *See Qualifiers Page for a list of qualifiers and their explanation.*

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-150
Collection Date: 3/12/2013 12:40 PM

Work Order: 1303487
Lab ID: 1303487-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method. SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 10
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 17 10
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 10
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 10
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 17 10
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 10
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 17 10
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 17 10
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 17 10
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 17 10
Acetone	U		3.0	10	µg/L	1	3/15/2013 17 10
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 17 10
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 17 10
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/15/2013 17 10
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 17 10
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 17 10
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 17 10
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 17 10
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 17 10
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 17 10
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 17 10
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 17 10
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 10
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 17 10
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 17 10
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 17 10
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 17 10
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 17 10
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 17 10
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 17 10
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 17 10
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 17 10
Tert-butyl alcohol	**390**		**50**	**100**	**µg/L**	1	3/15/2013 17 10
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 10
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 17 10
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 10
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 17 10
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 10

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-150
Collection Date: 3/12/2013 12:40 PM

Work Order: 1303487
Lab ID: 1303487-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/15/2013 17 10
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 17 10
Surr 1,2-Dichloroethane-d4	*96 6*			*70-125*	*%REC*	1	3/15/2013 17 10
Surr 4-Bromofluorobenzene	*95 9*			*72-125*	*%REC*	1	3/15/2013 17 10
Surr Dibromofluoromethane	*98 0*			*71-125*	*%REC*	1	3/15/2013 17 10
Surr Toluene-d8	*88 6*			*75-125*	*%REC*	1	3/15/2013 17 10

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-111
Collection Date: 3/12/2013 01:05 PM

Work Order: 1303487
Lab ID: 1303487-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: **SW6020**		Prep· SW3010A / 3/15/13		Analyst· **ALR**
Arsenic	**0.0114**		**0.0013**	**0.00500**	**mg/L**	1	3/15/2013 18 28
Chromium	U		0 0012	0 00500	mg/L	1	3/15/2013 18 28
Lead	U		0 00070	0 00500	mg/L	1	3/15/2013 18 28
VOLATILES - SW8260C			Method: **SW8260**				Analyst **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 35
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 17 35
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 35
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 35
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 17 35
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 17 35
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 17 35
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 17 35
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 17 35
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 17 35
Acetone	U		3 0	10	µg/L	1	3/15/2013 17 35
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 17.35
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 17 35
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 17 35
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 17 35
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 17 35
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 17 35
Carbon tetrachloride	U		1.0	5 0	µg/L	1	3/15/2013 17 35
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 17 35
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 17 35
Chloroform	U		1.0	5 0	µg/L	1	3/15/2013 17 35
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 17 35
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 35
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 17 35
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 17 35
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 17 35
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 17 35
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 17 35
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 17 35
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 17 35
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 17 35
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 17 35
Tert-butyl alcohol	**85**	J	**50**	**100**	**µg/L**	1	3/15/2013 17 35
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 35

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-111
Collection Date: 3/12/2013 01:05 PM

Work Order: 1303487
Lab ID: 1303487-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 17 35
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17 35
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 17 35
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 17.35
Vinyl chloride	U		0 50	2 0	µg/L	1	3/15/2013 17 35
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 17 35
Surr 1,2-Dichloroethane-d4	*96 6*			*70-125*	*%REC*	1	3/15/2013 17 35
Surr 4-Bromofluorobenzene	*96 1*			*72-125*	*%REC*	1	3/15/2013 17 35
Surr Dibromofluoromethane	*97 9*			*71-125*	*%REC*	1	3/15/2013 17 35
Surr Toluene-d8	*96 5*			*75-125*	*%REC*	1	3/15/2013 17 35

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-251
Collection Date: 3/12/2013 01:30 PM

Work Order: 1303487
Lab ID: 1303487-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 20 28
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 20 28
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 20 28
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 20 28
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 20 28
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 20 28
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/15/2013 20 28
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 20 28
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 20 28
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 20 28
Acetone	U		3 0	10	µg/L	1	3/15/2013 20 28
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 20 28
Benzene	U		0.50	5 0	µg/L	1	3/15/2013 20 28
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 20 28
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 20 28
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 20 28
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 20 28
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 20 28
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 20 28
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 20 28
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 20 28
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 20 28
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 20 28
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 20 28
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 20 28
Ethylbenzene	U		0.50	5 0	µg/L	1	3/15/2013 20 28
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 20 28
Methyl tert-butyl ether	**2.3**	**J**	**1.0**	**5.0**	**µg/L**	1	3/15/2013 20 28
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 20 28
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 20 28
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 20 28
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 20 28
Tert-butyl alcohol	**5,600**		**250**	**500**	**µg/L**	5	3/17/2013 20 17
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 20 28
Toluene	U		0.50	5 0	µg/L	1	3/15/2013 20 28
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 20.28
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 20 28
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 20·28

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-251
Collection Date: 3/12/2013 01:30 PM

Work Order: 1303487
Lab ID: 1303487-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/15/2013 20 28
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 20 28
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	1	3/15/2013 20 28
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	5	3/17/2013 20 17
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/15/2013 20 28
Surr 4-Bromofluorobenzene	*97 2*			*72-125*	*%REC*	5	3/17/2013 20 17
Surr Dibromofluoromethane	*106*			*71-125*	*%REC*	1	3/15/2013 20 28
Surr Dibromofluoromethane	*99 1*			*71-125*	*%REC*	5	3/17/2013 20 17
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/15/2013 20 28
Surr Toluene-d8	*97 7*			*75-125*	*%REC*	5	3/17/2013 20 17

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-108
Collection Date: 3/12/2013 01:53 PM

Work Order: 1303487
Lab ID: 1303487-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 12 39
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 12 39
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 12 39
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 12 39
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 12 39
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 12 39
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 12 39
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 12 39
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 12 39
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 12 39
Acetone	U		3 0	10	µg/L	1	3/17/2013 12 39
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 12 39
Benzene	U		0.50	5 0	µg/L	1	3/17/2013 12 39
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 12 39
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 12 39
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 12 39
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 12 39
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 12 39
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 12 39
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 12 39
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 12 39
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 12 39
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 12 39
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 12 39
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 12 39
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 12 39
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 12 39
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/17/2013 12 39
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 12 39
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 12 39
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 12 39
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 12 39
Tert-butyl alcohol	**210**		**50**	**100**	**µg/L**	1	3/17/2013 12 39
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 12 39
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 12 39
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 12 39
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 12 39
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 12 39

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-108
Collection Date: 3/12/2013 01:53 PM

Work Order: 1303487
Lab ID: 1303487-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/17/2013 12 39
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 12 39
Surr 1,2-Dichloroethane-d4	*99 2*			*70-125*	*%REC*	1	3/17/2013 12 39
Surr 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/17/2013 12 39
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/17/2013 12 39
Surr Toluene-d8	*95 4*			*75-125*	*%REC*	1	3/17/2013 12 39

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-235
Collection Date: 3/12/2013 02:18 PM

Work Order: 1303487
Lab ID: 1303487-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 13 53
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/15/2013 13 53
1,1,2-Trichloroethane	**0.91**	J	**0.50**	**5.0**	**µg/L**	1	3/15/2013 13 53
1,1-Dichloroethane	**160**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 13 53
1,1-Dichloroethene	**3.6**	J	**0.60**	**5.0**	**µg/L**	1	3/15/2013 13 53
1,2-Dichloroethane	**260**		**12**	**120**	**µg/L**	25	3/17/2013 18 07
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 13 53
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 13 53
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 13 53
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 13 53
Acetone	U		3 0	10	µg/L	1	3/15/2013 13 53
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 13 53
Benzene	**14**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 13 53
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/15/2013 13 53
Bromoform	U		0.90	5 0	µg/L	1	3/15/2013 13 53
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 13 53
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 13 53
Carbon tetrachloride	**420**		**25**	**120**	**µg/L**	25	3/17/2013 18 07
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 13 53
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 13 53
Chloroform	**2,200**		**25**	**120**	**µg/L**	25	3/17/2013 18 07
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 13 53
cis-1,2-Dichloroethene	**550**		**25**	**120**	**µg/L**	25	3/17/2013 18 07
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/15/2013 13 53
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/15/2013 13 53
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 13 53
m,p-Xylene	**3.8**	J	**1.0**	**10**	**µg/L**	1	3/15/2013 13 53
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 13 53
Methylene chloride	**15**		**1.0**	**10**	**µg/L**	1	3/15/2013 13 53
Naphthalene	**140**		**1.0**	**5.0**	**µg/L**	1	3/15/2013 13 53
o-Xylene	**20**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 13.53
Styrene	U		0.90	5 0	µg/L	1	3/15/2013 13 53
Tert-butyl alcohol	**1,500**		**50**	**100**	**µg/L**	1	3/15/2013 13 53
Tetrachloroethene	**990**		**25**	**120**	**µg/L**	25	3/17/2013 18 07
Toluene	**0.83**	J	**0.50**	**5.0**	**µg/L**	1	3/15/2013 13 53
trans-1,2-Dichloroethene	**200**		**1.0**	**5.0**	**µg/L**	1	3/15/2013 13 53
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 13 53
Trichloroethene	**310**		**25**	**120**	**µg/L**	25	3/17/2013 18 07

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-235
Collection Date: 3/12/2013 02:18 PM

Work Order: 1303487
Lab ID: 1303487-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**41**		**0.50**	**2.0**	**µg/L**	1	3/15/2013 13 53
Xylenes, Total	**24**		**1.5**	**15**	**µg/L**	1	3/15/2013 13 53
Surr: 1,2-Dichloroethane-d4	*94 5*			*70-125*	*%REC*	1	3/15/2013 13 53
Surr: 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	25	3/17/2013 18 07
Surr: 4-Bromofluorobenzene	*94 7*			*72-125*	*%REC*	1	3/15/2013 13 53
Surr: 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	25	3/17/2013 18 07
Surr: Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/15/2013 13 53
Surr: Dibromofluoromethane	*99 7*			*71-125*	*%REC*	25	3/17/2013 18 07
Surr: Toluene-d8	*97 2*			*75-125*	*%REC*	1	3/15/2013 13 53
Surr: Toluene-d8	*101*			*75-125*	*%REC*	25	3/17/2013 18 07

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-123
Collection Date: 3/12/2013 02:45 PM

Work Order: 1303487
Lab ID: 1303487-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		50	500	µg/L	100	3/18/2013 21 00
1,1,2,2-Tetrachloroethane	U		60	500	µg/L	100	3/18/2013 21 00
1,1,2-Trichloroethane	**83**	J	**50**	**500**	**µg/L**	100	3/18/2013 21 00
1,1-Dichloroethane	**3,100**		**50**	**500**	**µg/L**	100	3/18/2013 21 00
1,1-Dichloroethene	**70**	J	**60**	**500**	**µg/L**	100	3/18/2013 21 00
1,2-Dichloroethane	**120,000**		**500**	**5,000**	**µg/L**	1000	3/19/2013 14 18
1,2-Dichloropropane	U		50	500	µg/L	100	3/18/2013 21 00
2-Butanone	U		200	1,000	µg/L	100	3/18/2013 21 00
2-Hexanone	U		200	1,000	µg/L	100	3/18/2013 21 00
4-Methyl-2-pentanone	U		180	1,000	µg/L	100	3/18/2013 21 00
Acetone	U		300	1,000	µg/L	100	3/18/2013 21 00
Allyl Chloride	U		1,000	1,000	µg/L	100	3/18/2013 21 00
Benzene	**340**	J	**50**	**500**	**µg/L**	100	3/18/2013 21 00
Bromodichloromethane	U		90	500	µg/L	100	3/18/2013 21 00
Bromoform	U		90	500	µg/L	100	3/18/2013 21 00
Bromomethane	U		100	500	µg/L	100	3/18/2013 21 00
Carbon disulfide	U		200	1,000	µg/L	100	3/18/2013 21 00
Carbon tetrachloride	**2,300**		**100**	**500**	**µg/L**	100	3/18/2013 21 00
Chlorobenzene	U		50	500	µg/L	100	3/18/2013 21 00
Chloroethane	**540**		**100**	**500**	**µg/L**	100	3/18/2013 21 00
Chloroform	**130,000**		**1,000**	**5,000**	**µg/L**	1000	3/19/2013 14 18
Chloromethane	U		100	500	µg/L	100	3/18/2013 21 00
cis-1,2-Dichloroethene	**16,000**		**100**	**500**	**µg/L**	100	3/18/2013 21 00
cis-1,3-Dichloropropene	U		50	500	µg/L	100	3/18/2013 21 00
Dibromochloromethane	U		90	500	µg/L	100	3/18/2013 21 00
Ethylbenzene	**65**	J	**50**	**500**	**µg/L**	100	3/18/2013 21 00
m,p-Xylene	U		100	1,000	µg/L	100	3/18/2013 21 00
Methyl tert-butyl ether	U		100	500	µg/L	100	3/18/2013 21 00
Methylene chloride	**1,300**		**100**	**1,000**	**µg/L**	100	3/18/2013 21 00
Naphthalene	**340**	J	**100**	**500**	**µg/L**	100	3/18/2013 21 00
o-Xylene	**110**	J	**50**	**500**	**µg/L**	100	3/18/2013 21 00
Styrene	U		90	500	µg/L	100	3/18/2013 21 00
Tert-butyl alcohol	U		5,000	10,000	µg/L	100	3/18/2013 21 00
Tetrachloroethene	**3,800**		**100**	**500**	**µg/L**	100	3/18/2013 21 00
Toluene	**180**	J	**50**	**500**	**µg/L**	100	3/18/2013 21 00
trans-1,2-Dichloroethene	**4,900**		**100**	**500**	**µg/L**	100	3/18/2013 21 00
trans-1,3-Dichloropropene	U		90	500	µg/L	100	3/18/2013 21 00
Trichloroethene	**3,700**		**100**	**500**	**µg/L**	100	3/18/2013 21 00

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-123
Collection Date: 3/12/2013 02:45 PM

Work Order: 1303487
Lab ID: 1303487-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1,300**		**50**	**200**	**µg/L**	100	3/18/2013 21 00
Xylenes, Total	U		150	1,500	µg/L	100	3/18/2013 21 00
Surr 1,2-Dichloroethane-d4	*99 9*			*70-125*	*%REC*	100	3/18/2013 21 00
Surr 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1000	3/19/2013 14 18
Surr 4-Bromofluorobenzene	*99 1*			*72-125*	*%REC*	100	3/18/2013 21 00
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1000	3/19/2013 14 18
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	100	3/18/2013 21 00
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	1000	3/19/2013 14 18
Surr Toluene-d8	*99 8*			*75-125*	*%REC*	100	3/18/2013 21 00
Surr Toluene-d8	*99 3*			*75-125*	*%REC*	1000	3/19/2013 14 18

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FB-2
Collection Date: 3/12/2013 02:50 PM

Work Order: 1303487
Lab ID: 1303487-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst. PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 15 56
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 15 56
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 15 56
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 15 56
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/15/2013 15 56
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 15 56
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 15 56
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 15 56
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 15 56
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 15 56
Acetone	U		3 0	10	µg/L	1	3/15/2013 15 56
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 15 56
Benzene	U		0.50	5 0	µg/L	1	3/15/2013 15 56
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/15/2013 15 56
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 15·56
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 15 56
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 15 56
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 15 56
Chlorobenzene	U		0.50	5 0	µg/L	1	3/15/2013 15 56
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 15 56
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 15 56
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 15 56
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 15 56
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 15 56
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/15/2013 15 56
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 15 56
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 15 56
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 15 56
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 15 56
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 15 56
o-Xylene	U		0.50	5 0	µg/L	1	3/15/2013 15 56
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 15 56
Tert-butyl alcohol	U		50	100	µg/L	1	3/15/2013 15·56
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 15 56
Toluene	U		0.50	5 0	µg/L	1	3/15/2013 15 56
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 15 56
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/15/2013 15 56
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 15 56

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FB-2
Collection Date: 3/12/2013 02:50 PM

Work Order: 1303487
Lab ID: 1303487-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/15/2013 15 56
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 15 56
Surr 1,2-Dichloroethane-d4	*97 1*			*70-125*	*%REC*	1	3/15/2013 15 56
Surr 4-Bromofluorobenzene	*93 6*			*72-125*	*%REC*	1	3/15/2013 15 56
Surr Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/15/2013 15 56
Surr Toluene-d8	*97.0*			*75-125*	*%REC*	1	3/15/2013 15 56

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: Trip Blank
Collection Date: 3/12/2013

Work Order: 1303487
Lab ID: 1303487-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 21
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 16 21
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 21
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 21
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 16 21
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 16 21
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 16 21
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 16 21
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 16 21
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 16 21
Acetone	U		3 0	10	µg/L	1	3/15/2013 16 21
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 16 21
Benzene	U		0.50	5 0	µg/L	1	3/15/2013 16 21
Bromodichloromethane	U		0 90	5.0	µg/L	1	3/15/2013 16 21
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 16 21
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 16 21
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 16 21
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 16 21
Chlorobenzene	U		0.50	5 0	µg/L	1	3/15/2013 16 21
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 16 21
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 16 21
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 16 21
cis-1,2-Dichloroethene	U		1 0	5.0	µg/L	1	3/15/2013 16.21
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 16 21
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 16 21
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 16 21
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 16 21
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 16·21
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 16 21
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 16·21
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 16 21
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 16 21
Tert-butyl alcohol	U		50	100	µg/L	1	3/15/2013 16 21
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 21
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 16 21
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 21
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 16 21
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 16 21

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: Trip Blank
Collection Date: 3/12/2013

Work Order: 1303487
Lab ID: 1303487-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/15/2013 16 21
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 16 21
Surr 1,2-Dichloroethane-d4	*98 5*			*70-125*	*%REC*	1	3/15/2013 16 21
Surr 4-Bromofluorobenzene	*98 8*			*72-125*	*%REC*	1	3/15/2013 16 21
Surr Dibromofluoromethane	*96 2*			*71-125*	*%REC*	1	3/15/2013 16 21
Surr Toluene-d8	*96 5*			*75-125*	*%REC*	1	3/15/2013 16 21

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-146
Collection Date: 3/12/2013 09:40 AM

Work Order: 1303487
Lab ID: 1303487-11
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/17/2013 18 50
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/17/2013 18 50
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 18·50
1,1-Dichloroethane	**9.4**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 18 50
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/17/2013 18·50
1,2-Dichloroethane	**2.5**	J	**0.50**	**5.0**	**µg/L**	1	3/17/2013 18 50
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 18 50
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 18 50
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 18 50
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 18 50
Acetone	U		3 0	10	µg/L	1	3/17/2013 18 50
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 18 50
Benzene	**3.4**	J	**0.50**	**5.0**	**µg/L**	1	3/17/2013 18 50
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 18 50
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 18 50
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 18 50
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 18 50
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 18 50
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 18 50
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 18 50
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 18 50
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 18 50
cis-1,2-Dichloroethene	**3.6**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 18 50
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 18 50
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 18 50
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 18 50
m,p-Xylene	U		1.0	10	µg/L	1	3/17/2013 18 50
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/17/2013 18 50
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 18 50
Naphthalene	U		1.0	5 0	µg/L	1	3/17/2013 18 50
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 18 50
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 18 50
Tert-butyl alcohol	**1,500**		**50**	**100**	**µg/L**	1	3/17/2013 18 50
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 18 50
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 18 50
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 18 50
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 18 50
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 18 50

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-146
Collection Date: 3/12/2013 09:40 AM

Work Order: 1303487
Lab ID: 1303487-11
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**19**		**0.50**	**2.0**	**µg/L**	1	3/17/2013 18 50
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 18 50
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	1	3/17/2013 18 50
Surr 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/17/2013 18 50
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/17/2013 18 50
Surr: Toluene-d8	*102*			*75-125*	*%REC*	1	3/17/2013 18 50

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-260
Collection Date: 3/12/2013 10:11 AM

Work Order: 1303487
Lab ID: 1303487-12
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst. PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/17/2013 13 28
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/17/2013 13.28
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/17/2013 13 28
1,1-Dichloroethane	**94**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 13:28
1,1-Dichloroethene	**17**		**0.60**	**5.0**	**µg/L**	1	3/17/2013 13 28
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 13 28
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 13 28
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 13:28
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 13 28
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 13 28
Acetone	U		3 0	10	µg/L	1	3/17/2013 13 28
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 13 28
Benzene	**10**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 13:28
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 13 28
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 13.28
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 13:28
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 13 28
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 13:28
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 13 28
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 13:28
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 13 28
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 13 28
cis-1,2-Dichloroethene	**140**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 13 28
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 13 28
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 13 28
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 13 28
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 13 28
Methyl tert-butyl ether	**1.3**	**J**	**1.0**	**5.0**	**µg/L**	1	3/17/2013 13 28
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 13 28
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 13 28
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 13 28
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 13:28
Tert-butyl alcohol	**4,600**		**250**	**500**	**µg/L**	5	3/17/2013 21 09
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 13 28
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 13 28
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 13 28
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 13 28
Trichloroethene	**1.6**	**J**	**1.0**	**5.0**	**µg/L**	1	3/17/2013 13:28

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-260
Collection Date: 3/12/2013 10:11 AM

Work Order: 1303487
Lab ID: 1303487-12
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**200**		**2.5**	**10**	**µg/L**	5	3/17/2013 21 09
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 13 28
Surr: 1,2-Dichloroethane-d4	*97 1*			*70-125*	*%REC*	1	3/17/2013 13 28
Surr: 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	5	3/17/2013 21 09
Surr· 4-Bromofluorobenzene	*94 8*			*72-125*	*%REC*	1	3/17/2013 13 28
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	5	3/17/2013 21 09
Surr· Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/17/2013 13 28
Surr. Dibromofluoromethane	*97 8*			*71-125*	*%REC*	5	3/17/2013 21 09
Surr Toluene-d8	*87 7*			*75-125*	*%REC*	1	3/17/2013 13 28
Surr· Toluene-d8	*106*			*75-125*	*%REC*	5	3/17/2013 21 09

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-145
Collection Date: 3/12/2013 10:50 AM

Work Order: 1303487
Lab ID: 1303487-13
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method. SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 19 40
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 19 40
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 19 40
1,1-Dichloroethane	**45**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 19 40
1,1-Dichloroethene	**5.3**		**0.60**	**5.0**	**µg/L**	1	3/17/2013 19 40
1,2-Dichloroethane	**3.1**	J	**0.50**	**5.0**	**µg/L**	1	3/17/2013 19 40
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/17/2013 19 40
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 19 40
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 19 40
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 19 40
Acetone	U		3 0	10	µg/L	1	3/17/2013 19 40
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 19 40
Benzene	**7.9**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 19 40
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 19 40
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 19 40
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 19 40
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 19 40
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 19 40
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 19 40
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 19 40
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 19 40
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 19 40
cis-1,2-Dichloroethene	**51**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 19 40
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 19 40
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 19 40
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 19 40
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 19 40
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/17/2013 19.40
Methylene chloride	U		1.0	10	µg/L	1	3/17/2013 19 40
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 19 40
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 19 40
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 19.40
Tert-butyl alcohol	**2,500**		**50**	**100**	**µg/L**	1	3/17/2013 19 40
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 19 40
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 19 40
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 19 40
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 19 40
Trichloroethene	**2.7**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 19 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-145
Collection Date: 3/12/2013 10:50 AM

Work Order: 1303487
Lab ID: 1303487-13
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**76**		**0.50**	**2.0**	**µg/L**	1	3/17/2013 19 40
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 19 40
Surr 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	3/17/2013 19 40
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/17/2013 19 40
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/17/2013 19 40
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/17/2013 19 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-144
Collection Date: 3/12/2013 11:30 AM

Work Order: 1303487
Lab ID: 1303487-14
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 15 32
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 15 32
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 15 32
1,1-Dichloroethane	**5.8**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 15 32
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 15 32
1,2-Dichloroethane	**9.9**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 15 32
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 15 32
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 15 32
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 15 32
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 15 32
Acetone	U		3 0	10	µg/L	1	3/17/2013 15 32
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 15 32
Benzene	U		0.50	5 0	µg/L	1	3/17/2013 15 32
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 15 32
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 15 32
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 15·32
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 15 32
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 15 32
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 15 32
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 15 32
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 15 32
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 15 32
cis-1,2-Dichloroethene	**6.9**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 15 32
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 15 32
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 15 32
Ethylbenzene	U		0.50	5 0	µg/L	1	3/17/2013 15 32
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 15 32
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/17/2013 15 32
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 15 32
Naphthalene	U		1.0	5 0	µg/L	1	3/17/2013 15 32
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 15 32
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 15 32
Tert-butyl alcohol	**370**		**50**	**100**	**µg/L**	1	3/17/2013 15 32
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 15 32
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 15 32
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 15 32
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 15 32
Trichloroethene	**1.3**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 15 32

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-144
Collection Date: 3/12/2013 11:30 AM

Work Order: 1303487
Lab ID: 1303487-14
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**8.1**		**0.50**	**2.0**	**µg/L**	1	3/17/2013 15 32
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 15 32
Surr 1,2-Dichloroethane-d4	*93 1*			*70-125*	*%REC*	1	3/17/2013 15 32
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/17/2013 15 32
Surr Dibromofluoromethane	*99 3*			*71-125*	*%REC*	1	3/17/2013 15 32
Surr Toluene-d8	*101*			*75-125*	*%REC*	1	3/17/2013 15 32

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-169
Collection Date: 3/12/2013 12:00 PM

Work Order: 1303487
Lab ID: 1303487-15
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 18 00
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/15/2013 18 00
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 18 00
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 18 00
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/15/2013 18 00
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 18 00
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 18 00
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 18 00
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 18 00
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 18 00
Acetone	U		3 0	10	µg/L	1	3/15/2013 18 00
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 18 00
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 18 00
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 18 00
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 18 00
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 18 00
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 18 00
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 18 00
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 18 00
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 18 00
Chloroform	U		1.0	5 0	µg/L	1	3/15/2013 18 00
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 18 00
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 00
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/15/2013 18 00
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/15/2013 18 00
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 18 00
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 18 00
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 18 00
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 18 00
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 18 00
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 18 00
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 18 00
Tert-butyl alcohol	**57**	**J**	**50**	**100**	**µg/L**	1	3/15/2013 18 00
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 00
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 18 00
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 00
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 18 00
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 00

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-169
Collection Date: 3/12/2013 12:00 PM

Work Order: 1303487
Lab ID: 1303487-15
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/15/2013 18:00
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 18 00
Surr 1,2-Dichloroethane-d4	*94 5*			*70-125*	*%REC*	1	3/15/2013 18 00
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/15/2013 18 00
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/15/2013 18 00
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/15/2013 18 00

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-106A
Collection Date: 3/12/2013 12:31 PM

Work Order: 1303487
Lab ID: 1303487-16
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 12 38
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 12 38
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 12 38
1,1-Dichloroethane	**2.5**	J	**0.50**	**5.0**	**µg/L**	1	3/15/2013 12 38
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 12 38
1,2-Dichloroethane	**5.4**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 12 38
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 12 38
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 12 38
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 12 38
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 12 38
Acetone	U		3 0	10	µg/L	1	3/15/2013 12 38
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 12 38
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 12 38
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 12 38
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 12 38
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 12 38
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 12 38
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 12 38
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 12 38
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 12 38
Chloroform	U		1.0	5 0	µg/L	1	3/15/2013 12 38
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 12 38
cis-1,2-Dichloroethene	**3.1**	J	**1.0**	**5.0**	**µg/L**	1	3/15/2013 12 38
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 12.38
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 12 38
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 12 38
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 12 38
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 12 38
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 12 38
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 12 38
o-Xylene	U		0.50	5.0	µg/L	1	3/15/2013 12 38
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 12 38
Tert-butyl alcohol	**170**		**50**	**100**	**µg/L**	1	3/15/2013 12 38
Tetrachloroethene	U		1 0	5.0	µg/L	1	3/15/2013 12 38
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 12.38
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 12 38
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 12 38
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 12 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-106A
Collection Date: 3/12/2013 12:31 PM

Work Order: 1303487
Lab ID: 1303487-16
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**4.0**		**0.50**	**2.0**	**µg/L**	1	3/15/2013 12 38
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 12 38
Surr 1,2-Dichloroethane-d4	*96 3*			*70-125*	*%REC*	1	3/15/2013 12 38
Surr 4-Bromofluorobenzene	*98 8*			*72-125*	*%REC*	1	3/15/2013 12 38
Surr Dibromofluoromethane	*100*			*71-125*	*%REC*	1	3/15/2013 12 38
Surr Toluene-d8	*99 9*			*75-125*	*%REC*	1	3/15/2013 12 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-106
Collection Date: 3/12/2013 01:05 PM

Work Order: 1303487
Lab ID: 1303487-17
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 18 25
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 18 25
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 18 25
1,1-Dichloroethane	**6.1**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 18 25
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 18 25
1,2-Dichloroethane	**1.3**	J	**0.50**	**5.0**	**µg/L**	1	3/15/2013 18 25
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/15/2013 18 25
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 18 25
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 18 25
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 18 25
Acetone	U		3 0	10	µg/L	1	3/15/2013 18 25
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 18 25
Benzene	U		0.50	5 0	µg/L	1	3/15/2013 18 25
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 18 25
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 18 25
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 18 25
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 18 25
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 18 25
Chlorobenzene	U		0.50	5 0	µg/L	1	3/15/2013 18 25
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 18 25
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 18 25
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 18 25
cis-1,2-Dichloroethene	**3.6**	J	**1.0**	**5.0**	**µg/L**	1	3/15/2013 18 25
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 18 25
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 18 25
Ethylbenzene	U		0.50	5 0	µg/L	1	3/15/2013 18 25
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 18 25
Methyl tert-butyl ether	U		1 0	5.0	µg/L	1	3/15/2013 18 25
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 18 25
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 18 25
o-Xylene	U		0.50	5 0	µg/L	1	3/15/2013 18 25
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 18 25
Tert-butyl alcohol	**220**		**50**	**100**	**µg/L**	1	3/15/2013 18 25
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 25
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 18 25
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 25
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 18 25
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 25

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-106
Collection Date: 3/12/2013 01:05 PM

Work Order: 1303487
Lab ID: 1303487-17
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**3.4**		**0.50**	**2.0**	**µg/L**	1	3/15/2013 18 25
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 18 25
Surr: 1,2-Dichloroethane-d4	*97 7*			*70-125*	*%REC*	1	3/15/2013 18 25
Surr 4-Bromofluorobenzene	*96 7*			*72-125*	*%REC*	1	3/15/2013 18 25
Surr Dibromofluoromethane	*99 5*			*71-125*	*%REC*	1	3/15/2013 18 25
Surr: Toluene-d8	*95 4*			*75-125*	*%REC*	1	3/15/2013 18 25

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-261
Collection Date: 3/12/2013 01:35 AM

Work Order: 1303487
Lab ID: 1303487-18
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst. PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 18 49
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 18 49
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 18 49
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 18 49
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/15/2013 18 49
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 18 49
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/15/2013 18 49
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 18 49
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 18 49
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 18 49
Acetone	U		3 0	10	µg/L	1	3/15/2013 18 49
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 18 49
Benzene	U		0.50	5 0	µg/L	1	3/15/2013 18 49
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 18 49
Bromoform	U		0.90	5 0	µg/L	1	3/15/2013 18 49
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 18 49
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 18 49
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 18 49
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 18.49
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 18 49
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 18 49
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 18 49
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 49
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 18 49
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 18 49
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 18 49
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 18 49
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 18 49
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 18 49
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 18 49
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 18 49
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 18 49
Tert-butyl alcohol	U		50	100	µg/L	1	3/15/2013 18 49
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 49
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 18 49
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 49
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 18 49
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 18 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-261
Collection Date: 3/12/2013 01:35 AM

Work Order: 1303487
Lab ID: 1303487-18
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/15/2013 18 49
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 18·49
Surr 1,2-Dichloroethane-d4	*99 2*			*70-125*	*%REC*	1	3/15/2013 18 49
Surr 4-Bromofluorobenzene	*90.2*			*72-125*	*%REC*	1	3/15/2013 18 49
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/15/2013 18 49
Surr Toluene-d8	*91 3*			*75-125*	*%REC*	1	3/15/2013 18 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-108A
Collection Date: 3/12/2013 02:07 PM

Work Order: 1303487
Lab ID: 1303487-19
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 19 14
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 19 14
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 19 14
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 19 14
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/15/2013 19 14
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 19 14
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 19 14
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 19 14
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 19 14
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 19 14
Acetone	U		3 0	10	µg/L	1	3/15/2013 19 14
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 19 14
Benzene	U		0 50	5 0	µg/L	1	3/15/2013 19 14
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 19 14
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 19 14
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 19 14
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 19 14
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 19 14
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 19 14
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 19 14
Chloroform	U		1.0	5 0	µg/L	1	3/15/2013 19 14
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 19 14
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 19 14
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 19 14
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/15/2013 19 14
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 19 14
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 19 14
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 19 14
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 19 14
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 19 14
o-Xylene	U		0 50	5 0	µg/L	1	3/15/2013 19 14
Styrene	U		0 90	5 0	µg/L	1	3/15/2013 19 14
Tert-butyl alcohol	U		50	100	µg/L	1	3/15/2013 19 14
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 19 14
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 19 14
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 19 14
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 19 14
Trichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 19 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-108A
Collection Date: 3/12/2013 02:07 PM

Work Order: 1303487
Lab ID: 1303487-19
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/15/2013 19 14
Xylenes, Total	U		1 5	15	µg/L	1	3/15/2013 19 14
Surr 1,2-Dichloroethane-d4	*98 8*			*70-125*	*%REC*	1	3/15/2013 19 14
Surr: 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/15/2013 19 14
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/15/2013 19 14
Surr Toluene-d8	*103*			*75-125*	*%REC*	1	3/15/2013 19 14

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-154
Collection Date: 3/12/2013 02:30 PM

Work Order: 1303487
Lab ID: 1303487-20
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/17/2013 17 11
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 17 11
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17 11
1,1-Dichloroethane	**3.4**	**J**	**0.50**	**5.0**	**µg/L**	1	3/17/2013 17 11
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 17 11
1,2-Dichloroethane	**3.2**	**J**	**0.50**	**5.0**	**µg/L**	1	3/17/2013 17 11
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 17 11
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 17 11
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 17 11
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 17 11
Acetone	U		3 0	10	µg/L	1	3/17/2013 17 11
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 17 11
Benzene	U		0 50	5 0	µg/L	1	3/17/2013 17 11
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 17 11
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 17 11
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 17 11
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 17 11
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 17 11
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 17 11
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 17 11
Chloroform	**1.9**	**J**	**1.0**	**5.0**	**µg/L**	1	3/17/2013 17 11
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 17 11
cis-1,2-Dichloroethene	U		1.0	5 0	µg/L	1	3/17/2013 17 11
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 17 11
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/17/2013 17 11
Ethylbenzene	U		0.50	5 0	µg/L	1	3/17/2013 17 11
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 17 11
Methyl tert-butyl ether	**2.8**	**J**	**1.0**	**5.0**	**µg/L**	1	3/17/2013 17 11
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 17 11
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 17 11
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 17 11
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 17 11
Tert-butyl alcohol	**2,300**		**50**	**100**	**µg/L**	1	3/17/2013 17 11
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 11
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 17 11
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 11
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 17 11
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 11

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-154
Collection Date: 3/12/2013 02:30 PM

Work Order: 1303487
Lab ID: 1303487-20
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**3.3**		**0.50**	**2.0**	**µg/L**	1	3/17/2013 17 11
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 17 11
Surr· 1,2-Dichloroethane-d4	*108*			*70-125*	*%REC*	1	3/17/2013 17 11
Surr· 4-Bromofluorobenzene	*99 0*			*72-125*	*%REC*	1	3/17/2013 17 11
Surr· Dibromofluoromethane	*107*			*71-125*	*%REC*	1	3/17/2013 17 11
Surr· Toluene-d8	*105*			*75-125*	*%REC*	1	3/17/2013 17 11

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-155
Collection Date: 3/12/2013 02:52 PM

Work Order: 1303487
Lab ID: 1303487-21
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 18 01
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 18 01
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 18 01
1,1-Dichloroethane	**16**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 18 01
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 18 01
1,2-Dichloroethane	**2.4**	J	**0.50**	**5.0**	**µg/L**	1	3/17/2013 18 01
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 18 01
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 18 01
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 18 01
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 18 01
Acetone	U		3 0	10	µg/L	1	3/17/2013 18 01
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 18 01
Benzene	**5.4**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 18 01
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 18 01
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 18 01
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 18 01
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 18 01
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 18 01
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 18 01
Chloroethane	**2.0**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 18 01
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 18 01
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 18 01
cis-1,2-Dichloroethene	**3.2**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 18 01
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 18 01
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 18 01
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 18 01
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 18 01
Methyl tert-butyl ether	**2.7**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 18 01
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 18 01
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 18.01
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 18 01
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 18 01
Tert-butyl alcohol	**1,200**		**50**	**100**	**µg/L**	1	3/17/2013 18 01
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 18 01
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 18 01
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 18 01
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 18 01
Trichloroethene	**1.1**	J	**1.0**	**5.0**	**µg/L**	1	3/17/2013 18 01

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-155
Collection Date: 3/12/2013 02:52 PM

Work Order: 1303487
Lab ID: 1303487-21
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**16**		**0.50**	**2.0**	**µg/L**	1	3/17/2013 18 01
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 18 01
Surr 1,2-Dichloroethane-d4	*96 6*			*70-125*	*%REC*	1	3/17/2013 18 01
Surr 4-Bromofluorobenzene	*98 6*			*72-125*	*%REC*	1	3/17/2013 18 01
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/17/2013 18 01
Surr Toluene-d8	*98 7*			*75-125*	*%REC*	1	3/17/2013 18 01

Note: *See Qualifiers Page for a list of qualifiers and their explanation*

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-143
Collection Date: 3/12/2013 09:45 AM

Work Order: 1303487
Lab ID: 1303487-22
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/15/2013 19 38
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/15/2013 19 38
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/15/2013 19 38
1,1-Dichloroethane	**2.6**	J	**0.50**	**5.0**	**µg/L**	1	3/15/2013 19 38
1,1-Dichloroethene	**0.67**	J	**0.60**	**5.0**	**µg/L**	1	3/15/2013 19 38
1,2-Dichloroethane	**6.7**		**0.50**	**5.0**	**µg/L**	1	3/15/2013 19 38
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/15/2013 19 38
2-Butanone	U		2 0	10	µg/L	1	3/15/2013 19 38
2-Hexanone	U		2 0	10	µg/L	1	3/15/2013 19 38
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/15/2013 19 38
Acetone	U		3 0	10	µg/L	1	3/15/2013 19 38
Allyl Chloride	U		10	10	µg/L	1	3/15/2013 19 38
Benzene	**0.77**	J	**0.50**	**5.0**	**µg/L**	1	3/15/2013 19 38
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/15/2013 19 38
Bromoform	U		0 90	5 0	µg/L	1	3/15/2013 19 38
Bromomethane	U		1 0	5 0	µg/L	1	3/15/2013 19 38
Carbon disulfide	U		2 0	10	µg/L	1	3/15/2013 19 38
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/15/2013 19 38
Chlorobenzene	U		0 50	5 0	µg/L	1	3/15/2013 19 38
Chloroethane	U		1 0	5 0	µg/L	1	3/15/2013 19 38
Chloroform	U		1 0	5 0	µg/L	1	3/15/2013 19 38
Chloromethane	U		1 0	5 0	µg/L	1	3/15/2013 19 38
cis-1,2-Dichloroethene	**4.9**	J	**1.0**	**5.0**	**µg/L**	1	3/15/2013 19 38
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/15/2013 19 38
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/15/2013 19 38
Ethylbenzene	U		0 50	5 0	µg/L	1	3/15/2013 19 38
m,p-Xylene	U		1 0	10	µg/L	1	3/15/2013 19 38
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/15/2013 19 38
Methylene chloride	U		1 0	10	µg/L	1	3/15/2013 19.38
Naphthalene	U		1 0	5 0	µg/L	1	3/15/2013 19 38
o-Xylene	U		0.50	5 0	µg/L	1	3/15/2013 19 38
Styrene	U		0.90	5 0	µg/L	1	3/15/2013 19 38
Tert-butyl alcohol	**120**		**50**	**100**	**µg/L**	1	3/15/2013 19 38
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/15/2013 19 38
Toluene	U		0 50	5 0	µg/L	1	3/15/2013 19 38
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/15/2013 19 38
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/15/2013 19 38
Trichloroethene	**1.2**	J	**1.0**	**5.0**	**µg/L**	1	3/15/2013 19 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-143
Collection Date: 3/12/2013 09:45 AM

Work Order: 1303487
Lab ID: 1303487-22
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**10**		**0.50**	**2.0**	**µg/L**	1	3/15/2013 19 38
Xylenes, Total	U		1.5	15	µg/L	1	3/15/2013 19 38
Surr 1,2-Dichloroethane-d4	*92 8*			*70-125*	*%REC*	1	3/15/2013 19 38
Surr 4-Bromofluorobenzene	*98 3*			*72-125*	*%REC*	1	3/15/2013 19 38
Surr: Dibromofluoromethane	*99 7*			*71-125*	*%REC*	1	3/15/2013 19 38
Surr Toluene-d8	*94 4*			*75-125*	*%REC*	1	3/15/2013 19 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-239
Collection Date: 3/12/2013 10:25 AM

Work Order: 1303487
Lab ID: 1303487-23
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 22
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 16 22
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 22
1,1-Dichloroethane	**5.1**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 16 22
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 16 22
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 22
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 16 22
2-Butanone	U		2.0	10	µg/L	1	3/17/2013 16 22
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 16 22
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 16 22
Acetone	U		3 0	10	µg/L	1	3/17/2013 16 22
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 16 22
Benzene	U		0 50	5 0	µg/L	1	3/17/2013 16 22
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/17/2013 16 22
Bromoform	U		0.90	5 0	µg/L	1	3/17/2013 16 22
Bromomethane	U		1.0	5 0	µg/L	1	3/17/2013 16 22
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 16 22
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 16 22
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 16 22
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 16 22
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 16 22
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 16 22
cis-1,2-Dichloroethene	**5.1**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 16 22
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 16 22
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 16 22
Ethylbenzene	U		0.50	5 0	µg/L	1	3/17/2013 16 22
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 16 22
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/17/2013 16 22
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 16·22
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 16 22
o-Xylene	U		0.50	5 0	µg/L	1	3/17/2013 16 22
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 16·22
Tert-butyl alcohol	**2,600**		**50**	**100**	**µg/L**	1	3/17/2013 16 22
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 22
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 16 22
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 22
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 16 22
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 22

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-239
Collection Date: 3/12/2013 10:25 AM

Work Order: 1303487
Lab ID: 1303487-23
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/17/2013 16 22
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 16 22
Surr 1,2-Dichloroethane-d4	*99 7*			*70-125*	*%REC*	1	3/17/2013 16 22
Surr 4-Bromofluorobenzene	*96 2*			*72-125*	*%REC*	1	3/17/2013 16 22
Surr Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/17/2013 16 22
Surr Toluene-d8	*97.3*			*75-125*	*%REC*	1	3/17/2013 16 22

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-131
Collection Date: 3/12/2013 11:05 AM

Work Order: 1303487
Lab ID: 1303487-24
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method. SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 20·29
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 20 29
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 20 29
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 20 29
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 20 29
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 20 29
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 20 29
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 20 29
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 20 29
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 20 29
Acetone	U		3 0	10	µg/L	1	3/17/2013 20 29
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 20 29
Benzene	**150**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 20 29
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 20 29
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 20.29
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 20 29
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 20 29
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 20 29
Chlorobenzene	**2.3**	J	**0.50**	**5.0**	**µg/L**	1	3/17/2013 20 29
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 20 29
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 20 29
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 20 29
cis-1,2-Dichloroethene	U		1.0	5 0	µg/L	1	3/17/2013 20 29
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 20 29
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 20 29
Ethylbenzene	U		0.50	5 0	µg/L	1	3/17/2013 20 29
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 20 29
Methyl tert-butyl ether	**28**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 20 29
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 20 29
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 20 29
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 20 29
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 20 29
Tert-butyl alcohol	**72,000**		**1,200**	**2,500**	**µg/L**	25	3/18/2013 14 38
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 20 29
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 20 29
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 20 29
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/17/2013 20 29
Trichloroethene	U		1 0	5.0	µg/L	1	3/17/2013 20 29

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-131
Collection Date: 3/12/2013 11:05 AM

Work Order: 1303487
Lab ID: 1303487-24
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/17/2013 20 29
Xylenes, Total	U		1.5	15	µg/L	1	3/17/2013 20 29
Surr 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1	3/17/2013 20 29
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	25	3/18/2013 14 38
Surr 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/17/2013 20 29
Surr 4-Bromofluorobenzene	*98 0*			*72-125*	*%REC*	25	3/18/2013 14 38
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	1	3/17/2013 20 29
Surr Dibromofluoromethane	*100*			*71-125*	*%REC*	25	3/18/2013 14 38
Surr Toluene-d8	*97 9*			*75-125*	*%REC*	1	3/17/2013 20 29
Surr Toluene-d8	*96 5*			*75-125*	*%REC*	25	3/18/2013 14 38

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-160
Collection Date: 3/12/2013 11:40 AM

Work Order: 1303487
Lab ID: 1303487-25
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		2.5	25	µg/L	5	3/18/2013 20 00
1,1,2,2-Tetrachloroethane	U		3 0	25	µg/L	5	3/18/2013 20 00
1,1,2-Trichloroethane	U		2 5	25	µg/L	5	3/18/2013 20 00
1,1-Dichloroethane	U		2 5	25	µg/L	5	3/18/2013 20 00
1,1-Dichloroethene	U		3 0	25	µg/L	5	3/18/2013 20 00
1,2-Dichloroethane	U		2 5	25	µg/L	5	3/18/2013 20 00
1,2-Dichloropropane	U		2 5	25	µg/L	5	3/18/2013 20 00
2-Butanone	U		10	50	µg/L	5	3/18/2013 20 00
2-Hexanone	U		10	50	µg/L	5	3/18/2013 20 00
4-Methyl-2-pentanone	U		9 0	50	µg/L	5	3/18/2013 20 00
Acetone	U		15	50	µg/L	5	3/18/2013 20 00
Allyl Chloride	U		50	50	µg/L	5	3/18/2013 20 00
Benzene	**92**		**2.5**	**25**	**µg/L**	5	3/18/2013 20 00
Bromodichloromethane	U		4 5	25	µg/L	5	3/18/2013 20 00
Bromoform	U		4 5	25	µg/L	5	3/18/2013 20 00
Bromomethane	U		5 0	25	µg/L	5	3/18/2013 20 00
Carbon disulfide	U		10	50	µg/L	5	3/18/2013 20 00
Carbon tetrachloride	U		5 0	25	µg/L	5	3/18/2013 20 00
Chlorobenzene	U		2 5	25	µg/L	5	3/18/2013 20 00
Chloroethane	U		5 0	25	µg/L	5	3/18/2013 20 00
Chloroform	U		5 0	25	µg/L	5	3/18/2013 20 00
Chloromethane	U		5 0	25	µg/L	5	3/18/2013 20 00
cis-1,2-Dichloroethene	U		5 0	25	µg/L	5	3/18/2013 20 00
cis-1,3-Dichloropropene	U		2 5	25	µg/L	5	3/18/2013 20 00
Dibromochloromethane	U		4 5	25	µg/L	5	3/18/2013 20 00
Ethylbenzene	U		2 5	25	µg/L	5	3/18/2013 20 00
m,p-Xylene	U		5 0	50	µg/L	5	3/18/2013 20 00
Methyl tert-butyl ether	U		5 0	25	µg/L	5	3/18/2013 20 00
Methylene chloride	**8.0**	**J**	**5.0**	**50**	**µg/L**	5	3/18/2013 20 00
Naphthalene	U		5 0	25	µg/L	5	3/18/2013 20 00
o-Xylene	U		2 5	25	µg/L	5	3/18/2013 20 00
Styrene	U		4 5	25	µg/L	5	3/18/2013 20 00
Tert-butyl alcohol	**33,000**		**1,200**	**2,500**	**µg/L**	25	3/19/2013 13 02
Tetrachloroethene	U		5 0	25	µg/L	5	3/18/2013 20 00
Toluene	U		2 5	25	µg/L	5	3/18/2013 20 00
trans-1,2-Dichloroethene	U		5 0	25	µg/L	5	3/18/2013 20 00
trans-1,3-Dichloropropene	U		4 5	25	µg/L	5	3/18/2013 20 00
Trichloroethene	U		5 0	25	µg/L	5	3/18/2013 20 00

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-160
Collection Date: 3/12/2013 11:40 AM

Work Order: 1303487
Lab ID: 1303487-25
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**7.2**	J	**2.5**	**10**	**µg/L**	5	3/18/2013 20 00
Xylenes, Total	U		7 5	75	µg/L	5	3/18/2013 20 00
Surr 1,2-Dichloroethane-d4	*99 5*			*70-125*	*%REC*	5	3/18/2013 20 00
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	25	3/19/2013 13 02
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	5	3/18/2013 20 00
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	25	3/19/2013 13 02
Surr. Dibromofluoromethane	*103*			*71-125*	*%REC*	5	3/18/2013 20 00
Surr Dibromofluoromethane	*96 5*			*71-125*	*%REC*	25	3/19/2013 13 02
Surr Toluene-d8	*90 8*			*75-125*	*%REC*	5	3/18/2013 20 00
Surr Toluene-d8	*102*			*75-125*	*%REC*	25	3/19/2013 13 02

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-138
Collection Date: 3/12/2013 12:15 PM

Work Order: 1303487
Lab ID: 1303487-26
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/17/2013 17 15
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/17/2013 17 15
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/17/2013 17 15
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17 15
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 17 15
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17 15
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 17 15
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 17 15
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 17 15
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 17 15
Acetone	U		3 0	10	µg/L	1	3/17/2013 17 15
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 17 15
Benzene	**15**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 17 15
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 17 15
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 17 15
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 17 15
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 17 15
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 17 15
Chlorobenzene	**2.3**	J	**0.50**	**5.0**	**µg/L**	1	3/17/2013 17 15
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 17 15
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 17 15
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 17 15
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 15
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 17 15
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 17 15
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 17 15
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 17 15
Methyl tert-butyl ether	**5.4**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 17 15
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 17 15
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 17 15
o-Xylene	U		0.50	5 0	µg/L	1	3/17/2013 17 15
Styrene	U		0.90	5 0	µg/L	1	3/17/2013 17 15
Tert-butyl alcohol	**18,000**		**1,000**	**2,000**	**µg/L**	20	3/18/2013 15 52
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 15
Toluene	U		0.50	5 0	µg/L	1	3/17/2013 17 15
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 15
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/17/2013 17 15
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 15

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-138
Collection Date: 3/12/2013 12:15 PM

Work Order: 1303487
Lab ID: 1303487-26
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/17/2013 17 15
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 17 15
Surr 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1	3/17/2013 17 15
Surr 1,2-Dichloroethane-d4	*97 4*			*70-125*	*%REC*	20	3/18/2013 15 52
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	1	3/17/2013 17 15
Surr 4-Bromofluorobenzene	*97 6*			*72-125*	*%REC*	20	3/18/2013 15 52
Surr Dibromofluoromethane	*97 5*			*71-125*	*%REC*	1	3/17/2013 17 15
Surr Dibromofluoromethane	*99 4*			*71-125*	*%REC*	20	3/18/2013 15 52
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/17/2013 17 15
Surr Toluene-d8	*98 6*			*75-125*	*%REC*	20	3/18/2013 15 52

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-64
Collection Date: 3/12/2013 01:00 PM

Work Order: 1303487
Lab ID: 1303487-27
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst. PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17 41
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 17 41
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17·41
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17 41
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 17 41
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 17 41
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 17·41
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 17 41
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 17 41
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 17 41
Acetone	U		3 0	10	µg/L	1	3/17/2013 17 41
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 17 41
Benzene	**38**		**0.50**	**5.0**	**µg/L**	1	3/17/2013 17 41
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/17/2013 17 41
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 17 41
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 17 41
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 17 41
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 17 41
Chlorobenzene	U		0 50	5 0	µg/L	1	3/17/2013 17 41
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 17 41
Chloroform	U		1.0	5 0	µg/L	1	3/17/2013 17 41
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 17 41
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 41
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 17 41
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 17 41
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 17 41
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 17 41
Methyl tert-butyl ether	**15**		**1.0**	**5.0**	**µg/L**	1	3/17/2013 17 41
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 17 41
Naphthalene	U		1.0	5 0	µg/L	1	3/17/2013 17 41
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 17 41
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 17 41
Tert-butyl alcohol	**32,000**		**1,000**	**2,000**	**µg/L**	20	3/18/2013 17 06
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 41
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 17 41
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 41
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 17 41
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 17 41

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-64
Collection Date: 3/12/2013 01:00 PM

Work Order: 1303487
Lab ID: 1303487-27
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.50	2 0	µg/L	1	3/17/2013 17 41
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 17 41
Surr 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	3/17/2013 17 41
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	20	3/18/2013 17 06
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/17/2013 17 41
Surr: 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	20	3/18/2013 17 06
Surr Dibromofluoromethane	*96 5*			*71-125*	*%REC*	1	3/17/2013 17 41
Surr Dibromofluoromethane	*99 9*			*71-125*	*%REC*	20	3/18/2013 17 06
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/17/2013 17 41
Surr Toluene-d8	*100*			*75-125*	*%REC*	20	3/18/2013 17 06

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-139
Collection Date: 3/12/2013 01:45 PM

Work Order: 1303487
Lab ID: 1303487-28
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 11 45
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 11 45
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 11.45
1,1-Dichloroethane	**1.2**	J	**0.50**	**5.0**	**µg/L**	1	3/18/2013 11 45
1,1-Dichloroethene	U		0.60	5 0	µg/L	1	3/18/2013 11 45
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 11 45
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 11 45
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 11 45
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 11 45
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 11 45
Acetone	U		3 0	10	µg/L	1	3/18/2013 11 45
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 11 45
Benzene	**6.4**		**0.50**	**5.0**	**µg/L**	1	3/18/2013 11 45
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 11 45
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Chlorobenzene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Chloroform	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Chloromethane	U		1 0	5 0	µg/L	1	3/18/2013 11 45
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/18/2013 11 45
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/18/2013 11·45
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 11 45
Methyl tert-butyl ether	**6.1**		**1.0**	**5.0**	**µg/L**	1	3/18/2013 11 45
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 11.45
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
o-Xylene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
Styrene	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Tert-butyl alcohol	**24,000**		**1,000**	**2,000**	**µg/L**	20	3/19/2013 15 59
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Toluene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-139
Collection Date: 3/12/2013 01:45 PM

Work Order: 1303487
Lab ID: 1303487-28
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**2.1**		**0.50**	**2.0**	**µg/L**	1	3/18/2013 11 45
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 11 45
Surr: 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	3/18/2013 11 45
Surr: 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	20	3/19/2013 15 59
Surr: 4-Bromofluorobenzene	*99 1*			*72-125*	*%REC*	1	3/18/2013 11 45
Surr: 4-Bromofluorobenzene	*98 6*			*72-125*	*%REC*	20	3/19/2013 15 59
Surr: Dibromofluoromethane	*95 4*			*71-125*	*%REC*	1	3/18/2013 11.45
Surr: Dibromofluoromethane	*103*			*71-125*	*%REC*	20	3/19/2013 15 59
Surr: Toluene-d8	*100*			*75-125*	*%REC*	1	3/18/2013 11 45
Surr: Toluene-d8	*98 8*			*75-125*	*%REC*	20	3/19/2013 15 59

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-162
Collection Date: 3/12/2013 02:20 PM

Work Order: 1303487
Lab ID: 1303487-29
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst PC
1,1,1-Trichloroethane	U		5 0	50	µg/L	10	3/19/2013 12 12
1,1,2,2-Tetrachloroethane	U		6 0	50	µg/L	10	3/19/2013 12 12
1,1,2-Trichloroethane	U		5 0	50	µg/L	10	3/19/2013 12 12
1,1-Dichloroethane	U		5 0	50	µg/L	10	3/19/2013 12 12
1,1-Dichloroethene	U		6 0	50	µg/L	10	3/19/2013 12 12
1,2-Dichloroethane	U		5 0	50	µg/L	10	3/19/2013 12 12
1,2-Dichloropropane	U		5 0	50	µg/L	10	3/19/2013 12 12
2-Butanone	U		20	100	µg/L	10	3/19/2013 12 12
2-Hexanone	U		20	100	µg/L	10	3/19/2013 12 12
4-Methyl-2-pentanone	U		18	100	µg/L	10	3/19/2013 12 12
Acetone	U		30	100	µg/L	10	3/19/2013 12 12
Allyl Chloride	U		100	100	µg/L	10	3/19/2013 12 12
Benzene	**270**		**5.0**	**50**	**µg/L**	10	3/19/2013 12 12
Bromodichloromethane	U		9 0	50	µg/L	10	3/19/2013 12 12
Bromoform	U		9.0	50	µg/L	10	3/19/2013 12 12
Bromomethane	U		10	50	µg/L	10	3/19/2013 12 12
Carbon disulfide	U		20	100	µg/L	10	3/19/2013 12 12
Carbon tetrachloride	U		10	50	µg/L	10	3/19/2013 12 12
Chlorobenzene	U		5 0	50	µg/L	10	3/19/2013 12 12
Chloroethane	U		10	50	µg/L	10	3/19/2013 12 12
Chloroform	U		10	50	µg/L	10	3/19/2013 12 12
Chloromethane	U		10	50	µg/L	10	3/19/2013 12 12
cis-1,2-Dichloroethene	U		10	50	µg/L	10	3/19/2013 12 12
cis-1,3-Dichloropropene	U		5 0	50	µg/L	10	3/19/2013 12 12
Dibromochloromethane	U		9 0	50	µg/L	10	3/19/2013 12 12
Ethylbenzene	U		5 0	50	µg/L	10	3/19/2013 12 12
m,p-Xylene	U		10	100	µg/L	10	3/19/2013 12 12
Methyl tert-butyl ether	U		10	50	µg/L	10	3/19/2013 12 12
Methylene chloride	**11**	**J**	**10**	**100**	**µg/L**	10	3/19/2013 12 12
Naphthalene	U		10	50	µg/L	10	3/19/2013 12 12
o-Xylene	U		5 0	50	µg/L	10	3/19/2013 12 12
Styrene	U		9 0	50	µg/L	10	3/19/2013 12 12
Tert-butyl alcohol	**130,000**		**5,000**	**10,000**	**µg/L**	100	3/19/2013 14 42
Tetrachloroethene	U		10	50	µg/L	10	3/19/2013 12 12
Toluene	U		5 0	50	µg/L	10	3/19/2013 12 12
trans-1,2-Dichloroethene	U		10	50	µg/L	10	3/19/2013 12 12
trans-1,3-Dichloropropene	U		9 0	50	µg/L	10	3/19/2013 12 12
Trichloroethene	U		10	50	µg/L	10	3/19/2013 12 12

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-162
Collection Date: 3/12/2013 02:20 PM

Work Order: 1303487
Lab ID: 1303487-29
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		5 0	20	µg/L	10	3/19/2013 12 12
Xylenes, Total	U		15	150	µg/L	10	3/19/2013 12 12
Surr 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	10	3/19/2013 12 12
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	100	3/19/2013 14 42
Surr. 4-Bromofluorobenzene	*96 6*			*72-125*	*%REC*	10	3/19/2013 12 12
Surr 4-Bromofluorobenzene	*97.4*			*72-125*	*%REC*	100	3/19/2013 14 42
Surr. Dibromofluoromethane	*103*			*71-125*	*%REC*	10	3/19/2013 12 12
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	100	3/19/2013 14 42
Surr Toluene-d8	*98 9*			*75-125*	*%REC*	10	3/19/2013 12 12
Surr Toluene-d8	*98 5*			*75-125*	*%REC*	100	3/19/2013 14 42

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-161
Collection Date: 3/12/2013 02:55 PM

Work Order: 1303487
Lab ID: 1303487-30
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17 31
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 17 31
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17 31
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17.31
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/18/2013 17 31
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17.31
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 17.31
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 17 31
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 17 31
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 17 31
Acetone	U		3 0	10	µg/L	1	3/18/2013 17 31
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 17.31
Benzene	**38**		**0.50**	**5.0**	**µg/L**	1	3/18/2013 17 31
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 17 31
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 17 31
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 17·31
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 17 31
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 17 31
Chlorobenzene	U		0 50	5 0	µg/L	1	3/18/2013 17 31
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 17 31
Chloroform	U		1.0	5 0	µg/L	1	3/18/2013 17 31
Chloromethane	U		1 0	5 0	µg/L	1	3/18/2013 17 31
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 31
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/18/2013 17 31
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/18/2013 17 31
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 17 31
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 17 31
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/18/2013 17 31
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 17 31
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 17 31
o-Xylene	U		0 50	5 0	µg/L	1	3/18/2013 17 31
Styrene	U		0 90	5 0	µg/L	1	3/18/2013 17 31
Tert-butyl alcohol	**14,000**		**500**	**1,000**	**µg/L**	10	3/19/2013 18 06
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 31
Toluene	U		0 50	5 0	µg/L	1	3/18/2013 17 31
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17·31
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/18/2013 17 31
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 31

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-161
Collection Date: 3/12/2013 02:55 PM

Work Order: 1303487
Lab ID: 1303487-30
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/18/2013 17 31
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 17 31
Surr 1,2-Dichloroethane-d4	*100*			*70-125*	*%REC*	1	3/18/2013 17 31
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	10	3/19/2013 18 06
Surr: 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/18/2013 17 31
Surr 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	10	3/19/2013 18 06
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/18/2013 17 31
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	10	3/19/2013 18 06
Surr Toluene-d8	*97 8*			*75-125*	*%REC*	1	3/18/2013 17 31
Surr Toluene-d8	*102*			*75-125*	*%REC*	10	3/19/2013 18.06

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-165
Collection Date: 3/12/2013 03:30 PM

Work Order: 1303487
Lab ID: 1303487-31
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 15 51
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 15 51
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 15 51
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 15 51
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/18/2013 15 51
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 15 51
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 15 51
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 15 51
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 15 51
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 15 51
Acetone	U		3 0	10	µg/L	1	3/18/2013 15 51
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 15 51
Benzene	U		0 50	5 0	µg/L	1	3/18/2013 15 51
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 15 51
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 15 51
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 15 51
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 15 51
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 15 51
Chlorobenzene	U		0 50	5 0	µg/L	1	3/18/2013 15 51
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 15 51
Chloroform	U		1 0	5 0	µg/L	1	3/18/2013 15 51
Chloromethane	U		1.0	5 0	µg/L	1	3/18/2013 15·51
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 15 51
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/18/2013 15.51
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/18/2013 15.51
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 15 51
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 15 51
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/18/2013 15 51
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 15 51
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 15 51
o-Xylene	U		0 50	5 0	µg/L	1	3/18/2013 15 51
Styrene	U		0 90	5 0	µg/L	1	3/18/2013 15 51
Tert-butyl alcohol	U		50	100	µg/L	1	3/18/2013 15 51
Tetrachloroethene	U		1.0	5 0	µg/L	1	3/18/2013 15 51
Toluene	U		0 50	5 0	µg/L	1	3/18/2013 15 51
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 15 51
trans-1,3-Dichloropropene	U		0.90	5 0	µg/L	1	3/18/2013 15 51
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 15 51

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *20-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-165
Collection Date: 3/12/2013 03:30 PM

Work Order: 1303487
Lab ID: 1303487-31
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/18/2013 15 51
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 15 51
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	3/18/2013 15 51
Surr 4-Bromofluorobenzene	*99 4*			*72-125*	*%REC*	1	3/18/2013 15 51
Surr Dibromofluoromethane	*99 4*			*71-125*	*%REC*	1	3/18/2013 15 51
Surr Toluene-d8	*97 8*			*75-125*	*%REC*	1	3/18/2013 15 51

Note: *See Qualifiers Page for a list of qualifiers and their explanation*

ALS Environmental

Date: 20-Mar-13

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **68462** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKW2-031513-68462** Units: **mg/L** Analysis Date **3/15/2013 03:08 PM**
Client ID Run ID **ICP7500_130315A** SeqNo **3141715** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0 0050								
Chromium	U	0 0050								
Lead	U	0 0050								

LCS Sample ID **MLCSW2-031513-68462** Units **mg/L** Analysis Date **3/15/2013 03:13 PM**
Client ID Run ID **ICP7500_130315A** SeqNo **3141716** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04754	0 0050	0 05	0	95 1	80-120	0			
Chromium	0 04887	0 0050	0 05	0	97.7	80-120	0			
Lead	0 04763	0 0050	0 05	0	95 3	80-120	0			

MS Sample ID **1303407-21BMS** Units **mg/L** Analysis Date **3/15/2013 03:33 PM**
Client ID Run ID **ICP7500_130315A** SeqNo **3141728** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 1491	0 0050	0 05	0 1039	90 4	80-120	0			
Chromium	0 05147	0 0050	0 05	0 00198	99	80-120	0			
Lead	0 04798	0 0050	0 05	0 0005564	94 8	80-120	0			

MSD Sample ID **1303407-21BMSD** Units **mg/L** Analysis Date **3/15/2013 03:38 PM**
Client ID Run ID **ICP7500_130315A** SeqNo **3141729** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 1484	0 0050	0 05	0 1039	89	80-120	0 1491	0 471	15	
Chromium	0 05186	0 0050	0 05	0 00198	99.8	80-120	0 05147	0 755	15	
Lead	0 04791	0 0050	0 05	0 0005564	94 7	80-120	0 04798	0 146	15	

DUP Sample ID **1303407-21BDUP** Units **mg/L** Analysis Date **3/15/2013 03:23 PM**
Client ID Run ID **ICP7500_130315A** SeqNo **3141718** Prep Date **3/15/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 09972	0 0050	0	0	0	0-0	0 1039	4 11	25	
Chromium	0 001838	0 0050	0	0	0	0-0	0 00198	0	25	J
Lead	U	0.0050	0	0	0	0-0	0 0005564	0	25	

The following samples were analyzed in this batch: 1303487-04B

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130315-R144095** Units **µg/L** Analysis Date **3/15/2013 11:49 AM**

Client ID Run ID **VOA1_130315A** SeqNo **3142036** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095**	Instrument ID **VOA1**		Method **SW8260**				
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	49 85	5 0	*50*	0	*99.7*	*70-125*	0
Surr 4-Bromofluorobenzene	53 14	5 0	*50*	0	*106*	*72-125*	0
Surr. Dibromofluoromethane	51 54	5 0	*50*	0	*103*	*71-125*	0
Surr. Toluene-d8	50 02	5 0	*50*	0	*100*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130315-R144095** Units **µg/L** Analysis Date **3/15/2013 10:35 AM**
Client ID Run ID **VOA1_130315A** SeqNo **3142035** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49 6	5 0	50	0	99 2	80-120	0			
1,1,2,2-Tetrachloroethane	50 94	5 0	50	0	102	72-120	0			
1,1,2-Trichloroethane	52 53	5 0	50	0	105	80-120	0			
1,1-Dichloroethane	47 97	5 0	50	0	95 9	76-120	0			
1,1-Dichloroethene	50 54	5 0	50	0	101	73-124	0			
1,2-Dichloroethane	51 29	5 0	50	0	103	78-120	0			
1,2-Dichloropropane	55 39	5 0	50	0	111	80-120	0			
2-Butanone	92 31	10	100	0	92 3	58-132	0			
2-Hexanone	108 9	10	100	0	109	61-130	0			
4-Methyl-2-pentanone	109	10	100	0	109	65-127	0			
Acetone	93 41	10	100	0	93 4	59-137	0			
Allyl Chloride	50 02	10	50	0	100	60-137	0			
Benzene	52 73	5 0	50	0	105	73-121	0			
Bromodichloromethane	57 13	5 0	50	0	114	80-120	0			
Bromoform	55 15	5 0	50	0	110	79-120	0			
Bromomethane	43 54	5 0	50	0	87 1	66-137	0			
Carbon disulfide	105 5	10	100	0	106	68-141	0			
Carbon tetrachloride	53 98	5 0	50	0	108	75-124	0			
Chlorobenzene	50 42	5 0	50	0	101	80-120	0			
Chloroethane	61.51	5 0	50	0	123	76-121	0			S
Chloroform	50 82	5 0	50	0	102	80-120	0			
Chloromethane	48 93	5 0	50	0	97 9	67-123	0			
cis-1,2-Dichloroethene	50 33	5 0	50	0	101	78-120	0			
cis-1,3-Dichloropropene	54 19	5 0	50	0	108	80-120	0			
Dibromochloromethane	56 78	5 0	50	0	114	80-120	0			
Ethylbenzene	54 21	5 0	50	0	108	80-120	0			
m,p-Xylene	103 7	10	100	0	104	78-121	0			
Methyl tert-butyl ether	51 18	5 0	50	0	102	73-121	0			
Methylene chloride	50 09	10	50	0	100	65-133	0			
Naphthalene	51 78	5 0	50	0	104	65-135	0			
o-Xylene	49 13	5 0	50	0	98 3	80-120	0			
Styrene	52.56	5 0	50	0	105	80-120	0			
Tert-butyl alcohol	964 6	100	1000	0	96 5	56-144	0			
Tetrachloroethene	49 37	5 0	50	0	98 7	79-120	0			
Toluene	50 82	5 0	50	0	102	80-120	0			
trans-1,2-Dichloroethene	50 44	5 0	50	0	101	78-120	0			
trans-1,3-Dichloropropene	57 05	5 0	50	0	114	80-120	0			
Trichloroethene	50 45	5 0	50	0	101	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	55 68	2 0	50	0	111	70-127	0
Xylenes, Total	152 9	15	150	0	102	80-120	0
Surr: 1,2-Dichloroethane-d4	47.79	5 0	*50*	0	*95 6*	*70-125*	0
Surr 4-Bromofluorobenzene	49 64	5 0	*50*	0	*99 3*	*72-125*	0
Surr Dibromofluoromethane	47 95	5 0	*50*	0	*95 9*	*71-125*	0
Surr Toluene-d8	49 73	5 0	*50*	0	*99 5*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303487-16AMS** Units **µg/L** Analysis Date **3/15/2013 02:17 PM**
Client ID **S1-106A** Run ID **VOA1_130315A** SeqNo **3142042** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51 96	5 0	50	0	104	80-120	0			
1,1,2,2-Tetrachloroethane	50 24	5 0	50	0	100	72-120	0			
1,1,2-Trichloroethane	51 32	5 0	50	0	103	80-120	0			
1,1-Dichloroethane	51 51	5 0	50	2 495	98	76-120	0			
1,1-Dichloroethene	46 36	5 0	50	0	92 7	73-124	0			
1,2-Dichloroethane	57 55	5 0	50	5 427	104	78-120	0			
1,2-Dichloropropane	54 91	5 0	50	0	110	80-120	0			
2-Butanone	94 98	10	100	0	95	58-132	0			
2-Hexanone	105 4	10	100	0	105	61-130	0			
4-Methyl-2-pentanone	104 8	10	100	0	105	65-127	0			
Acetone	85 69	10	100	0	85 7	59-137	0			
Allyl Chloride	50 46	10	50	0	101	60-137	0			
Benzene	51 95	5 0	50	0	104	73-121	0			
Bromodichloromethane	52 88	5 0	50	0	106	80-120	0			
Bromoform	53 47	5 0	50	0	107	79-120	0			
Bromomethane	41 03	5 0	50	0	82 1	66-137	0			
Carbon disulfide	97 9	10	100	0	97 9	68-141	0			
Carbon tetrachloride	50 93	5 0	50	0	102	75-124	0			
Chlorobenzene	49 42	5 0	50	0	98 8	80-120	0			
Chloroethane	53 49	5 0	50	0	107	76-121	0			
Chloroform	53 05	5 0	50	0	106	80-120	0			
Chloromethane	43 35	5 0	50	0	86 7	67-123	0			
cis-1,2-Dichloroethene	56 11	5 0	50	3 123	106	78-120	0			
cis-1,3-Dichloropropene	54 63	5 0	50	0	109	80-120	0			
Dibromochloromethane	53 14	5 0	50	0	106	80-120	0			
Ethylbenzene	48 16	5 0	50	0	96 3	80-120	0			
m,p-Xylene	100 4	10	100	0	100	78-121	0			
Methyl tert-butyl ether	51 52	5 0	50	0	103	73-121	0			
Methylene chloride	54 53	10	50	0	109	65-133	0			
Naphthalene	57 41	5 0	50	0	115	65-135	0			
o-Xylene	49 66	5 0	50	0	99.3	80-120	0			
Styrene	51 52	5.0	50	0	103	80-120	0			
Tert-butyl alcohol	1331	100	1000	170 5	116	56-144	0			
Tetrachloroethene	48 47	5 0	50	0	96 9	79-120	0			
Toluene	48 79	5 0	50	0	97 6	80-120	0			
trans-1,2-Dichloroethene	48 38	5 0	50	0	96 8	78-120	0			
trans-1,3-Dichloropropene	53 11	5 0	50	0	106	80-120	0			
Trichloroethene	50 92	5 0	50	0	102	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	54 26	2 0	50	4 006	101	70-127	0
Xylenes, Total	150	15	150	0	100	80-120	0
Surr. 1,2-Dichloroethane-d4	46 17	5 0	*50*	0	*92 3*	*70-125*	0
Surr. 4-Bromofluorobenzene	47 48	5 0	*50*	0	*95*	*72-125*	0
Surr Dibromofluoromethane	50 36	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	46 2	5 0	*50*	0	*92 4*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303487-16AMSD** Units **µg/L** Analysis Date **3/15/2013 02:42 PM**
Client ID **S1-106A** Run ID **VOA1_130315A** SeqNo **3142043** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53 33	5 0	50	0	107	80-120	51 96	2 6	20	
1,1,2,2-Tetrachloroethane	50 41	5 0	50	0	101	72-120	50 24	0 343	20	
1,1,2-Trichloroethane	52 27	5 0	50	0	105	80-120	51 32	1 84	20	
1,1-Dichloroethane	53 93	5 0	50	2 495	103	76-120	51 51	4 6	20	
1,1-Dichloroethene	49 55	5 0	50	0	99.1	73-124	46 36	6 65	20	
1,2-Dichloroethane	55 89	5 0	50	5 427	101	78-120	57 55	2 94	20	
1,2-Dichloropropane	52 74	5 0	50	0	105	80-120	54 91	4 03	20	
2-Butanone	103 8	10	100	0	104	58-132	94 98	8 83	20	
2-Hexanone	104 3	10	100	0	104	61-130	105.4	1 01	20	
4-Methyl-2-pentanone	108 4	10	100	0	108	65-127	104 8	3 4	20	
Acetone	95 28	10	100	0	95.3	59-137	85 69	10 6	20	
Allyl Chloride	50 61	10	50	0	101	60-137	50 46	0 293	20	
Benzene	49 33	5 0	50	0	98.7	73-121	51 95	5 17	20	
Bromodichloromethane	52 56	5 0	50	0	105	80-120	52 88	0 601	20	
Bromoform	52 82	5 0	50	0	106	79-120	53 47	1 22	20	
Bromomethane	46 54	5 0	50	0	93 1	66-137	41 03	12 6	20	
Carbon disulfide	108 8	10	100	0	109	68-141	97 9	10 5	20	
Carbon tetrachloride	52 54	5 0	50	0	105	75-124	50 93	3 12	20	
Chlorobenzene	50 05	5 0	50	0	100	80-120	49 42	1 25	20	
Chloroethane	54 86	5 0	50	0	110	76-121	53 49	2 54	20	
Chloroform	51 25	5 0	50	0	102	80-120	53 05	3 46	20	
Chloromethane	45 94	5 0	50	0	91.9	67-123	43 35	5 8	20	
cis-1,2-Dichloroethene	56 33	5 0	50	3 123	106	78-120	56 11	0 401	20	
cis-1,3-Dichloropropene	52 46	5 0	50	0	105	80-120	54 63	4 06	20	
Dibromochloromethane	53 86	5 0	50	0	108	80-120	53 14	1 35	20	
Ethylbenzene	47 76	5 0	50	0	95.5	80-120	48 16	0 835	20	
m,p-Xylene	97 8	10	100	0	97.8	78-121	100.4	2 59	20	
Methyl tert-butyl ether	55 78	5 0	50	0	112	73-121	51 52	7 93	20	
Methylene chloride	53 6	10	50	0	107	65-133	54 53	1 72	20	
Naphthalene	51 16	5 0	50	0	102	65-135	57 41	11 5	20	
o-Xylene	49 58	5 0	50	0	99 2	80-120	49 66	0 168	20	
Styrene	49 82	5 0	50	0	99 6	80-120	51 52	3 35	20	
Tert-butyl alcohol	1363	100	1000	170 5	119	56-144	1331	2 36	20	
Tetrachloroethene	49 54	5 0	50	0	99 1	79-120	48 47	2 18	20	
Toluene	49 08	5 0	50	0	98 2	80-120	48 79	0 589	20	
trans-1,2-Dichloroethene	51 25	5 0	50	0	103	78-120	48 38	5 77	20	
trans-1,3-Dichloropropene	53 48	5 0	50	0	107	80-120	53 11	0 704	20	
Trichloroethene	50 49	5 0	50	0	101	80-120	50 92	0 849	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144095**	Instrument ID **VOA1**			Method **SW8260**					
Vinyl chloride	57 67	2 0	50	4 006	107	70-127	54 26	6 09	20
Xylenes, Total	147 4	15	150	0	98.3	80-120	150	1 78	20
Surr 1,2-Dichloroethane-d4	48 08	5 0	*50*	0	*96.2*	*70-125*	46 17	*4 05*	*20*
Surr 4-Bromofluorobenzene	47 93	5 0	*50*	0	*95.9*	*72-125*	47 48	*0 944*	*20*
Surr Dibromofluoromethane	50 33	5 0	*50*	0	*101*	*71-125*	50 36	*0 0571*	*20*
Surr Toluene-d8	48 72	5 0	*50*	0	*97.4*	*75-125*	46.2	*5 32*	*20*

The following samples were analyzed in this batch:

1303487-01A	1303487-02A	1303487-03A
1303487-04A	1303487-05A	1303487-07A
1303487-09A	1303487-10A	1303487-15A
1303487-16A	1303487-17A	1303487-18A
1303487-19A	1303487-22A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130317-R144121** Units **µg/L** Analysis Date **3/17/2013 12:13 PM**

Client ID Run ID **VOA6_130317A** SeqNo **3142747** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID R144121	Instrument ID VOA6			Method SW8260			
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	50 98	5 0	*50*	0	*102*	*70-125*	0
Surr 4-Bromofluorobenzene	49.94	5 0	*50*	0	*99 9*	*72-125*	0
Surr Dibromofluoromethane	50 43	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	52 08	5 0	*50*	0	*104*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

LCS Sample ID **VLCSW-130317-R144121** Units **µg/L** Analysis Date **3/17/2013 12:38 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142749** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50 29	5 0	50	0	101	80-120	0			
1,1,2,2-Tetrachloroethane	48 7	5 0	50	0	97 4	72-120	0			
1,1,2-Trichloroethane	49 48	5 0	50	0	99	80-120	0			
1,1-Dichloroethane	50 1	5 0	50	0	100	76-120	0			
1,1-Dichloroethene	50 61	5 0	50	0	101	73-124	0			
1,2-Dichloroethane	49 31	5.0	50	0	98 6	78-120	0			
1,2-Dichloropropane	51 3	5 0	50	0	103	80-120	0			
2-Butanone	94 98	10	100	0	95	58-132	0			
2-Hexanone	95 56	10	100	0	95.6	61-130	0			
4-Methyl-2-pentanone	102 1	10	100	0	102	65-127	0			
Acetone	99 91	10	100	0	99 9	59-137	0			
Allyl Chloride	48 03	10	50	0	96 1	60-137	0			
Benzene	50 65	5 0	50	0	101	73-121	0			
Bromodichloromethane	51 86	5 0	50	0	104	80-120	0			
Bromoform	54 38	5 0	50	0	109	79-120	0			
Bromomethane	46 85	5 0	50	0	93 7	66-137	0			
Carbon disulfide	99 25	10	100	0	99 2	68-141	0			
Carbon tetrachloride	50 58	5 0	50	0	101	75-124	0			
Chlorobenzene	49 18	5 0	50	0	98 4	80-120	0			
Chloroethane	47 9	5 0	50	0	95 8	76-121	0			
Chloroform	50 93	5 0	50	0	102	80-120	0			
Chloromethane	45 05	5 0	50	0	90 1	67-123	0			
cis-1,2-Dichloroethene	49 53	5 0	50	0	99 1	78-120	0			
cis-1,3-Dichloropropene	52 8	5 0	50	0	106	80-120	0			
Dibromochloromethane	51 86	5 0	50	0	104	80-120	0			
Ethylbenzene	49 54	5 0	50	0	99 1	80-120	0			
m,p-Xylene	100 6	10	100	0	101	78-121	0			
Methyl tert-butyl ether	48 96	5 0	50	0	97 9	73-121	0			
Methylene chloride	46 22	10	50	0	92 4	65-133	0			
Naphthalene	47 89	5 0	50	0	95 8	65-135	0			
o-Xylene	50 93	5 0	50	0	102	80-120	0			
Styrene	52 18	5 0	50	0	104	80-120	0			
Tert-butyl alcohol	1051	100	1000	0	105	56-144	0			
Tetrachloroethene	49 04	5 0	50	0	98 1	79-120	0			
Toluene	50 06	5 0	50	0	100	80-120	0			
trans-1,2-Dichloroethene	50 06	5 0	50	0	100	78-120	0			
trans-1,3-Dichloropropene	52 37	5 0	50	0	105	80-120	0			
Trichloroethene	51 05	5 0	50	0	102	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121**	Instrument ID **VOA6**		Method **SW8260**				
Vinyl chloride	49 62	2 0	50	0	99.2	70-127	0
Xylenes, Total	151 5	15	150	0	101	80-120	0
Surr 1,2-Dichloroethane-d4	50 7	5 0	*50*	0	*101*	*70-125*	0
Surr 4-Bromofluorobenzene	52 76	5 0	*50*	0	*106*	*72-125*	0
Surr Dibromofluoromethane	50 41	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	51 53	5 0	*50*	0	*103*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MS Sample ID **1303364-21AMS** Units **µg/L** Analysis Date **3/17/2013 02:38 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142755** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2314	250	2500	0	92 6	80-120	0			
1,1,2,2-Tetrachloroethane	2415	250	2500	0	96 6	72-120	0			
1,1,2-Trichloroethane	2456	250	2500	0	98 2	80-120	0			
1,1-Dichloroethane	4393	250	2500	2105	91 5	76-120	0			
1,1-Dichloroethene	2252	250	2500	0	90 1	73-124	0			
1,2-Dichloroethane	2604	250	2500	128 7	99	78-120	0			
1,2-Dichloropropane	2447	250	2500	0	97 9	80-120	0			
2-Butanone	4584	500	5000	0	91.7	58-132	0			
2-Hexanone	4897	500	5000	0	97.9	61-130	0			
4-Methyl-2-pentanone	4932	500	5000	0	98 6	65-127	0			
Acetone	4565	500	5000	0	91 3	59-137	0			
Allyl Chloride	2249	500	2500	0	90	60-137	0			
Benzene	2496	250	2500	99 94	95 8	73-121	0			
Bromodichloromethane	2540	250	2500	0	102	80-120	0			
Bromoform	2559	250	2500	0	102	79-120	0			
Bromomethane	2027	250	2500	0	81 1	66-137	0			
Carbon disulfide	4343	500	5000	0	86.9	68-141	0			
Carbon tetrachloride	2280	250	2500	0	91 2	75-124	0			
Chlorobenzene	2411	250	2500	0	96 4	80-120	0			
Chloroethane	2087	250	2500	0	83 5	76-121	0			
Chloroform	2435	250	2500	0	97 4	80-120	0			
Chloromethane	2066	250	2500	0	82 6	67-123	0			
cis-1,2-Dichloroethene	2368	250	2500	53 12	92 6	78-120	0			
cis-1,3-Dichloropropene	2545	250	2500	0	102	80-120	0			
Dibromochloromethane	2478	250	2500	0	99 1	80-120	0			
Ethylbenzene	2347	250	2500	0	93 9	80-120	0			
m,p-Xylene	4663	500	5000	0	93 3	78-121	0			
Methyl tert-butyl ether	2498	250	2500	0	99 9	73-121	0			
Methylene chloride	2282	500	2500	0	91 3	65-133	0			
Naphthalene	2151	250	2500	0	86	65-135	0			
o-Xylene	2356	250	2500	0	94 2	80-120	0			
Styrene	2445	250	2500	0	97 8	80-120	0			
Tert-butyl alcohol	53150	5,000	50000	0	106	56-144	0			
Tetrachloroethene	2401	250	2500	172 8	89 1	79-120	0			
Toluene	2352	250	2500	0	94 1	80-120	0			
trans-1,2-Dichloroethene	2631	250	2500	268 3	94 5	78-120	0			
trans-1,3-Dichloropropene	2512	250	2500	0	100	80-120	0			
Trichloroethene	2502	250	2500	116 9	95 4	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121**	Instrument ID **VOA6**		Method **SW8260**				
Vinyl chloride	2731	100	2500	580 5	86	70-127	0
Xylenes, Total	7019	750	7500	0	93 6	80-120	0
Surr 1,2-Dichloroethane-d4	2554	250	*2500*	0	*102*	*70-125*	0
Surr. 4-Bromofluorobenzene	2578	250	*2500*	0	*103*	*72-125*	0
Surr Dibromofluoromethane	2497	250	*2500*	0	*99 9*	*71-125*	0
Surr Toluene-d8	2497	250	*2500*	0	*99 9*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303364-21AMSD** Units **µg/L** Analysis Date **3/17/2013 03:04 PM**

Client ID Run ID. **VOA6_130317A** SeqNo **3142757** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2460	250	2500	0	98 4	80-120	2314	6 1	20	
1,1,2,2-Tetrachloroethane	2589	250	2500	0	104	72-120	2415	6 98	20	
1,1,2-Trichloroethane	2543	250	2500	0	102	80-120	2456	3 51	20	
1,1-Dichloroethane	4426	250	2500	2105	92 8	76-120	4393	0 745	20	
1,1-Dichloroethene	2429	250	2500	0	97 2	73-124	2252	7 57	20	
1,2-Dichloroethane	2764	250	2500	128 7	105	78-120	2604	5 99	20	
1,2-Dichloropropane	2470	250	2500	0	98 8	80-120	2447	0 958	20	
2-Butanone	4891	500	5000	0	97 8	58-132	4584	6 48	20	
2-Hexanone	5466	500	5000	0	109	61-130	4897	11	20	
4-Methyl-2-pentanone	5477	500	5000	0	110	65-127	4932	10 5	20	
Acetone	4876	500	5000	0	97 5	59-137	4565	6 59	20	
Allyl Chloride	2297	500	2500	0	91 9	60-137	2249	2 1	20	
Benzene	2530	250	2500	99 94	97 2	73-121	2496	1 34	20	
Bromodichloromethane	2579	250	2500	0	103	80-120	2540	1 54	20	
Bromoform	2795	250	2500	0	112	79-120	2559	8 82	20	
Bromomethane	2227	250	2500	0	89 1	66-137	2027	9 37	20	
Carbon disulfide	4472	500	5000	0	89 4	68-141	4343	2 92	20	
Carbon tetrachloride	2420	250	2500	0	96 8	75-124	2280	5 96	20	
Chlorobenzene	2501	250	2500	0	100	80-120	2411	3 69	20	
Chloroethane	2287	250	2500	0	91 5	76-121	2087	9 14	20	
Chloroform	2474	250	2500	0	99	80-120	2435	1 56	20	
Chloromethane	2074	250	2500	0	83	67-123	2066	0 372	20	
cis-1,2-Dichloroethene	2320	250	2500	53 12	90 7	78-120	2368	2 07	20	
cis-1,3-Dichloropropene	2604	250	2500	0	104	80-120	2545	2 32	20	
Dibromochloromethane	2593	250	2500	0	104	80-120	2478	4 55	20	
Ethylbenzene	2472	250	2500	0	98 9	80-120	2347	5 2	20	
m,p-Xylene	4908	500	5000	0	98 2	78-121	4663	5 12	20	
Methyl tert-butyl ether	2571	250	2500	0	103	73-121	2498	2 87	20	
Methylene chloride	2288	500	2500	0	91 5	65-133	2282	0 244	20	
Naphthalene	3155	250	2500	0	126	65-135	2151	37 9	20	R
o-Xylene	2536	250	2500	0	101	80-120	2356	7 36	20	
Styrene	2568	250	2500	0	103	80-120	2445	4 9	20	
Tert-butyl alcohol	59280	5,000	50000	0	119	56-144	53150	10 9	20	
Tetrachloroethene	2576	250	2500	172 8	96 1	79-120	2401	7 02	20	
Toluene	2471	250	2500	0	98 8	80-120	2352	4 92	20	
trans-1,2-Dichloroethene	2662	250	2500	268 3	95 8	78-120	2631	1 17	20	
trans-1,3-Dichloropropene	2608	250	2500	0	104	80-120	2512	3 75	20	
Trichloroethene	2587	250	2500	116 9	98 8	80-120	2502	3 37	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID R144121	Instrument ID VOA6		Method SW8260						
Vinyl chloride	2838	100	2500	580 5	90 3	70-127	2731	3 86	20
Xylenes, Total	7444	750	7500	0	99 3	80-120	7019	5 88	20
Surr 1,2-Dichloroethane-d4	2545	250	*2500*	0	*102*	*70-125*	2554	*0 366*	*20*
Surr: 4-Bromofluorobenzene	2587	250	*2500*	0	*103*	*72-125*	2578	*0 363*	*20*
Surr Dibromofluoromethane	2550	250	*2500*	0	*102*	*71-125*	2497	*2 08*	*20*
Surr: Toluene-d8	2503	250	*2500*	0	*100*	*75-125*	2497	*0 227*	*20*

The following samples were analyzed in this batch:

1303487-05A	1303487-07A	1303487-12A
1303487-26A	1303487-27A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130317-R144126** Units **µg/L** Analysis Date **3/17/2013 12:14 PM**

Client ID Run ID. **VOA1_130317A** SeqNo **3142892** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144126**	Instrument ID **VOA1**		Method **SW8260**				
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	47 29	5 0	*50*	0	*94 6*	*70-125*	0
Surr 4-Bromofluorobenzene	48 39	5 0	*50*	0	*96 8*	*72-125*	0
Surr Dibromofluoromethane	50 81	5 0	*50*	0	*102*	*71-125*	0
Surr Toluene-d8	49 95	5 0	*50*	0	*99 9*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130317-R144126** Units **µg/L** Analysis Date **3/17/2013 11:00 AM**
Client ID Run ID **VOA1_130317A** SeqNo **3142891** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50 58	5 0	50	0	101	80-120	0			
1,1,2,2-Tetrachloroethane	51 82	5 0	50	0	104	72-120	0			
1,1,2-Trichloroethane	51 34	5 0	50	0	103	80-120	0			
1,1-Dichloroethane	47 97	5 0	50	0	95.9	76-120	0			
1,1-Dichloroethene	50 14	5 0	50	0	100	73-124	0			
1,2-Dichloroethane	48 48	5 0	50	0	97	78-120	0			
1,2-Dichloropropane	51 49	5 0	50	0	103	80-120	0			
2-Butanone	94 59	10	100	0	94 6	58-132	0			
2-Hexanone	104 9	10	100	0	105	61-130	0			
4-Methyl-2-pentanone	96 68	10	100	0	96 7	65-127	0			
Acetone	94 86	10	100	0	94.9	59-137	0			
Allyl Chloride	50 24	10	50	0	100	60-137	0			
Benzene	46 26	5 0	50	0	92 5	73-121	0			
Bromodichloromethane	51 32	5 0	50	0	103	80-120	0			
Bromoform	55 26	5 0	50	0	111	79-120	0			
Bromomethane	49 23	5 0	50	0	98 5	66-137	0			
Carbon disulfide	99 71	10	100	0	99.7	68-141	0			
Carbon tetrachloride	46 85	5 0	50	0	93 7	75-124	0			
Chlorobenzene	49 05	5 0	50	0	98 1	80-120	0			
Chloroethane	54 02	5 0	50	0	108	76-121	0			
Chloroform	49 97	5 0	50	0	99 9	80-120	0			
Chloromethane	48.62	5 0	50	0	97 2	67-123	0			
cis-1,2-Dichloroethene	51 28	5 0	50	0	103	78-120	0			
cis-1,3-Dichloropropene	50 68	5 0	50	0	101	80-120	0			
Dibromochloromethane	54 93	5 0	50	0	110	80-120	0			
Ethylbenzene	49 38	5 0	50	0	98 8	80-120	0			
m,p-Xylene	96 73	10	100	0	96 7	78-121	0			
Methyl tert-butyl ether	50 36	5 0	50	0	101	73-121	0			
Methylene chloride	50 47	10	50	0	101	65-133	0			
Naphthalene	54 03	5 0	50	0	108	65-135	0			
o-Xylene	49 39	5 0	50	0	98 8	80-120	0			
Styrene	51 54	5 0	50	0	103	80-120	0			
Tert-butyl alcohol	993 2	100	1000	0	99 3	56-144	0			
Tetrachloroethene	45 29	5 0	50	0	90 6	79-120	0			
Toluene	50 39	5 0	50	0	101	80-120	0			
trans-1,2-Dichloroethene	50 39	5 0	50	0	101	78-120	0			
trans-1,3-Dichloropropene	52 5	5 0	50	0	105	80-120	0			
Trichloroethene	47 95	5 0	50	0	95 9	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	52 33	2 0	50	0	105	70-127	0
Xylenes, Total	146 1	15	150	0	97 4	80-120	0
Surr 1,2-Dichloroethane-d4	47 63	5 0	*50*	0	*95 3*	*70-125*	0
Surr. 4-Bromofluorobenzene	51 6	5 0	*50*	0	*103*	*72-125*	0
Surr: Dibromofluoromethane	49 87	5 0	*50*	0	*99 7*	*71-125*	0
Surr Toluene-d8	50 58	5 0	*50*	0	*101*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303497-01AMS** Units **µg/L** Analysis Date **3/17/2013 01:53 PM**
Client ID Run ID **VOA1_130317A** SeqNo **3142896** Prep Date DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47 14	5 0	50	0	94 3	80-120	0			
1,1,2,2-Tetrachloroethane	51 89	5 0	50	0	104	72-120	0			
1,1,2-Trichloroethane	53 23	5 0	50	0	106	80-120	0			
1,1-Dichloroethane	50 54	5 0	50	0	101	76-120	0			
1,1-Dichloroethene	44 06	5 0	50	0	88 1	73-124	0			
1,2-Dichloroethane	54 48	5 0	50	0	109	78-120	0			
1,2-Dichloropropane	53 15	5 0	50	0	106	80-120	0			
2-Butanone	89 55	10	100	0	89.6	58-132	0			
2-Hexanone	111 8	10	100	0	112	61-130	0			
4-Methyl-2-pentanone	115 5	10	100	0	116	65-127	0			
Acetone	83 98	10	100	0	84	59-137	0			
Allyl Chloride	46 36	10	50	0	92 7	60-137	0			
Benzene	47 54	5 0	50	0	95 1	73-121	0			
Bromodichloromethane	53 32	5 0	50	0	107	80-120	0			
Bromoform	53 88	5 0	50	0	108	79-120	0			
Bromomethane	43 05	5 0	50	0	86 1	66-137	0			
Carbon disulfide	93 2	10	100	0	93 2	68-141	0			
Carbon tetrachloride	45 53	5 0	50	0	91 1	75-124	0			
Chlorobenzene	47 8	5 0	50	0	95 6	80-120	0			
Chloroethane	50 69	5 0	50	0	101	76-121	0			
Chloroform	50 71	5 0	50	0	101	80-120	0			
Chloromethane	38 49	5 0	50	0	77	67-123	0			
cis-1,2-Dichloroethene	50 78	5 0	50	0	102	78-120	0			
cis-1,3-Dichloropropene	53 59	5 0	50	0	107	80-120	0			
Dibromochloromethane	49 81	5 0	50	0	99 6	80-120	0			
Ethylbenzene	46 71	5 0	50	0	93 4	80-120	0			
m,p-Xylene	92 98	10	100	0	93	78-121	0			
Methyl tert-butyl ether	53 64	5 0	50	0	107	73-121	0			
Methylene chloride	50 8	10	50	0	102	65-133	0			
Naphthalene	52 44	5 0	50	0	105	65-135	0			
o-Xylene	48 51	5 0	50	0	97	80-120	0			
Styrene	51 64	5 0	50	0	103	80-120	0			
Tert-butyl alcohol	1341	100	1000	0	134	56-144	0			
Tetrachloroethene	44 06	5 0	50	0	88 1	79-120	0			
Toluene	49 92	5 0	50	0	99.8	80-120	0			
trans-1,2-Dichloroethene	47 01	5 0	50	0	94	78-120	0			
trans-1,3-Dichloropropene	55 75	5 0	50	0	111	80-120	0			
Trichloroethene	44 76	5 0	50	0	89 5	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	46 18	2 0	50	0	92 4	70-127	0
Xylenes, Total	141 5	15	150	0	94 3	80-120	0
Surr. 1,2-Dichloroethane-d4	46 56	5 0	*50*	0	*93 1*	*70-125*	0
Surr· 4-Bromofluorobenzene	48 38	5 0	*50*	0	*96 8*	*72-125*	0
Surr. Dibromofluoromethane	48 88	5 0	*50*	0	*97.8*	*71-125*	0
Surr. Toluene-d8	49 77	5 0	*50*	0	*99 5*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303497-01AMSD** Units **µg/L** Analysis Date **3/17/2013 02:18 PM**

Client ID Run ID **VOA1_130317A** SeqNo **3142897** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51 54	5 0	50	0	103	80-120	47 14	8 93	20	
1,1,2,2-Tetrachloroethane	51 21	5 0	50	0	102	72-120	51 89	1 32	20	
1,1,2-Trichloroethane	52 86	5 0	50	0	106	80-120	53 23	0 7	20	
1,1-Dichloroethane	49 29	5 0	50	0	98 6	76-120	50 54	2 51	20	
1,1-Dichloroethene	47 75	5 0	50	0	95 5	73-124	44 06	8 04	20	
1,2-Dichloroethane	51 37	5 0	50	0	103	78-120	54 48	5 88	20	
1,2-Dichloropropane	51 52	5 0	50	0	103	80-120	53 15	3 12	20	
2-Butanone	105 2	10	100	0	105	58-132	89 55	16 1	20	
2-Hexanone	109 4	10	100	0	109	61-130	111.8	2 2	20	
4-Methyl-2-pentanone	113 9	10	100	0	114	65-127	115.5	1 42	20	
Acetone	93 64	10	100	0	93 6	59-137	83 98	10 9	20	
Allyl Chloride	48 69	10	50	0	97.4	60-137	46 36	4 91	20	
Benzene	50 62	5 0	50	0	101	73-121	47 54	6 28	20	
Bromodichloromethane	51 95	5 0	50	0	104	80-120	53 32	2 6	20	
Bromoform	52 81	5 0	50	0	106	79-120	53 88	2 02	20	
Bromomethane	44 84	5 0	50	0	89 7	66-137	43 05	4 08	20	
Carbon disulfide	101 4	10	100	0	101	68-141	93 2	8 46	20	
Carbon tetrachloride	49 45	5 0	50	0	98.9	75-124	45 53	8 26	20	
Chlorobenzene	47 27	5 0	50	0	94 5	80-120	47 8	1 12	20	
Chloroethane	51 37	5 0	50	0	103	76-121	50 69	1 34	20	
Chloroform	51 92	5 0	50	0	104	80-120	50 71	2 36	20	
Chloromethane	39 75	5 0	50	0	79.5	67-123	38 49	3 23	20	
cis-1,2-Dichloroethene	52 18	5 0	50	0	104	78-120	50 78	2 7	20	
cis-1,3-Dichloropropene	51 64	5 0	50	0	103	80-120	53 59	3 7	20	
Dibromochloromethane	53 27	5 0	50	0	107	80-120	49 81	6 71	20	
Ethylbenzene	50 07	5 0	50	0	100	80-120	46 71	6 95	20	
m,p-Xylene	100 5	10	100	0	100	78-121	92 98	7 77	20	
Methyl tert-butyl ether	53 26	5 0	50	0	107	73-121	53 64	0 709	20	
Methylene chloride	50 67	10	50	0	101	65-133	50 8	0 258	20	
Naphthalene	57 98	5 0	50	0	116	65-135	52 44	10	20	
o-Xylene	50 8	5 0	50	0	102	80-120	48 51	4 6	20	
Styrene	51 46	5 0	50	0	103	80-120	51 64	0 355	20	
Tert-butyl alcohol	1226	100	1000	0	123	56-144	1341	8 95	20	
Tetrachloroethene	49	5 0	50	0	98	79-120	44 06	10 6	20	
Toluene	49 3	5 0	50	0	98 6	80-120	49 92	1 25	20	
trans-1,2-Dichloroethene	49 61	5 0	50	0	99 2	78-120	47 01	5 38	20	
trans-1,3-Dichloropropene	53 59	5 0	50	0	107	80-120	55 75	3 94	20	
Trichloroethene	50 14	5 0	50	0	100	80-120	44 76	11 3	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144126** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	50 75	2 0	50	0	102	70-127	46 18	9 45	20
Xylenes, Total	151 3	15	150	0	101	80-120	141 5	6.7	20
Surr: 1,2-Dichloroethane-d4	46 77	5 0	*50*	0	*93 5*	*70-125*	46 56	*0 454*	*20*
Surr: 4-Bromofluorobenzene	50 31	5 0	*50*	0	*101*	*72-125*	48 38	*3 91*	*20*
Surr Dibromofluoromethane	49 87	5 0	*50*	0	*99 7*	*71-125*	48 88	*1 99*	*20*
Surr: Toluene-d8	50 14	5 0	*50*	0	*100*	*75-125*	49 77	*0 732*	*20*

The following samples were analyzed in this batch:

1303487-06A	1303487-11A	1303487-12A
1303487-13A	1303487-14A	1303487-20A
1303487-21A	1303487-23A	1303487-24A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130318-R144137** Units **µg/L** Analysis Date **3/18/2013 11:19 AM**
Client ID Run ID **VOA6_130318A** SeqNo **3143053** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144137**	Instrument ID **VOA6**			Method **SW8260**			
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	52 91	5 0	*50*	0	*106*	*70-125*	0
Surr 4-Bromofluorobenzene	49 05	5 0	*50*	0	*98 1*	*72-125*	0
Surr Dibromofluoromethane	50 56	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	48 15	5 0	*50*	0	*96 3*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

LCS Sample ID **VLCSW-130318-R144137** Units **µg/L** Analysis Date **3/18/2013 10:04 AM**

Client ID Run ID **VOA6_130318A** SeqNo **3143052** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 4	5 0	50	0	105	80-120	0			
1,1,2,2-Tetrachloroethane	50 59	5 0	50	0	101	72-120	0			
1,1,2-Trichloroethane	49 5	5 0	50	0	99	80-120	0			
1,1-Dichloroethane	51 89	5 0	50	0	104	76-120	0			
1,1-Dichloroethene	52 14	5 0	50	0	104	73-124	0			
1,2-Dichloroethane	51 25	5 0	50	0	102	78-120	0			
1,2-Dichloropropane	50 77	5 0	50	0	102	80-120	0			
2-Butanone	96 31	10	100	0	96 3	58-132	0			
2-Hexanone	99 66	10	100	0	99 7	61-130	0			
4-Methyl-2-pentanone	101 1	10	100	0	101	65-127	0			
Acetone	100 2	10	100	0	100	59-137	0			
Allyl Chloride	49 57	10	50	0	99 1	60-137	0			
Benzene	51 56	5 0	50	0	103	73-121	0			
Bromodichloromethane	52 13	5 0	50	0	104	80-120	0			
Bromoform	53 86	5 0	50	0	108	79-120	0			
Bromomethane	51 38	5 0	50	0	103	66-137	0			
Carbon disulfide	100 6	10	100	0	101	68-141	0			
Carbon tetrachloride	50 94	5 0	50	0	102	75-124	0			
Chlorobenzene	51 03	5 0	50	0	102	80-120	0			
Chloroethane	48 41	5 0	50	0	96 8	76-121	0			
Chloroform	51 95	5 0	50	0	104	80-120	0			
Chloromethane	46 41	5 0	50	0	92 8	67-123	0			
cis-1,2-Dichloroethene	50 07	5 0	50	0	100	78-120	0			
cis-1,3-Dichloropropene	54 53	5 0	50	0	109	80-120	0			
Dibromochloromethane	52 22	5 0	50	0	104	80-120	0			
Ethylbenzene	50 73	5 0	50	0	101	80-120	0			
m,p-Xylene	103 3	10	100	0	103	78-121	0			
Methyl tert-butyl ether	51 25	5 0	50	0	102	73-121	0			
Methylene chloride	48 46	10	50	0	96 9	65-133	0			
Naphthalene	60 91	5 0	50	0	122	65-135	0			
o-Xylene	51 65	5 0	50	0	103	80-120	0			
Styrene	52 03	5 0	50	0	104	80-120	0			
Tert-butyl alcohol	1087	100	1000	0	109	56-144	0			
Tetrachloroethene	51 29	5 0	50	0	103	79-120	0			
Toluene	51	5 0	50	0	102	80-120	0			
trans-1,2-Dichloroethene	51 8	5 0	50	0	104	78-120	0			
trans-1,3-Dichloropropene	53 09	5 0	50	0	106	80-120	0			
Trichloroethene	52 62	5 0	50	0	105	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID R144137	Instrument ID VOA6		Method SW8260				
Vinyl chloride	50 87	2 0	50	0	102	70-127	0
Xylenes, Total	155	15	150	0	103	80-120	0
Surr: 1,2-Dichloroethane-d4	49 69	5 0	*50*	0	*99 4*	*70-125*	0
Surr 4-Bromofluorobenzene	50 12	5 0	*50*	0	*100*	*72-125*	0
Surr Dibromofluoromethane	50 63	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	50 68	5 0	*50*	0	*101*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

MS Sample ID **1303587-03AMS** Units **µg/L** Analysis Date **3/18/2013 01:23 PM**

Client ID Run ID. **VOA6_130318A** SeqNo **3143290** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45 33	5 0	50	0	90 7	80-120	0			
1,1,2,2-Tetrachloroethane	53 74	5 0	50	0	107	72-120	0			
1,1,2-Trichloroethane	51 77	5 0	50	0	104	80-120	0			
1,1-Dichloroethane	47 41	5 0	50	0	94 8	76-120	0			
1,1-Dichloroethene	42 37	5 0	50	0	84 7	73-124	0			
1,2-Dichloroethane	51 66	5 0	50	0 906	102	78-120	0			
1,2-Dichloropropane	48 44	5 0	50	0	96 9	80-120	0			
2-Butanone	101 1	10	100	0	101	58-132	0			
2-Hexanone	114 7	10	100	0	115	61-130	0			
4-Methyl-2-pentanone	116 3	10	100	0	116	65-127	0			
Acetone	88 54	10	100	0	88 5	59-137	0			
Allyl Chloride	44 43	10	50	0	88 9	60-137	0			
Benzene	47 35	5 0	50	0	94 7	73-121	0			
Bromodichloromethane	50 81	5 0	50	0	102	80-120	0			
Bromoform	56 49	5 0	50	0	113	79-120	0			
Bromomethane	39 39	5 0	50	0	78 8	66-137	0			
Carbon disulfide	83 85	10	100	0	83 8	68-141	0			
Carbon tetrachloride	43 92	5 0	50	0	87 8	75-124	0			
Chlorobenzene	49 14	5 0	50	0	98 3	80-120	0			
Chloroethane	41 37	5 0	50	0	82 7	76-121	0			
Chloroform	48 26	5 0	50	0	96 5	80-120	0			
Chloromethane	40 23	5 0	50	0	80 5	67-123	0			
cis-1,2-Dichloroethene	44 81	5 0	50	0	89 6	78-120	0			
cis-1,3-Dichloropropene	51 96	5 0	50	0	104	80-120	0			
Dibromochloromethane	54 04	5 0	50	0	108	80-120	0			
Ethylbenzene	46 23	5 0	50	0	92 5	80-120	0			
m,p-Xylene	94 01	10	100	0	94	78-121	0			
Methyl tert-butyl ether	49 55	5 0	50	0	99 1	73-121	0			
Methylene chloride	46 88	10	50	0	93 8	65-133	0			
Naphthalene	51 2	5 0	50	0	102	65-135	0			
o-Xylene	48 32	5 0	50	0	96 6	80-120	0			
Styrene	50 12	5 0	50	0	100	80-120	0			
Tert-butyl alcohol	1236	100	1000	98 53	114	56-144	0			
Tetrachloroethene	43 74	5 0	50	0	87 5	79-120	0			
Toluene	47 82	5 0	50	0	95 6	80-120	0			
trans-1,2-Dichloroethene	46 06	5 0	50	0	92 1	78-120	0			
trans-1,3-Dichloropropene	52 03	5 0	50	0	104	80-120	0			
Trichloroethene	47 31	5 0	50	0	94 6	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	43 34	2 0	50	0	86 7	70-127	0
Xylenes, Total	142 3	15	150	0	94 9	80-120	0
Surr 1,2-Dichloroethane-d4	50 68	5 0	*50*	0	*101*	*70-125*	0
Surr. 4-Bromofluorobenzene	51 89	5 0	*50*	0	*104*	*72-125*	0
Surr Dibromofluoromethane	50 39	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	51 11	5 0	*50*	0	*102*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303587-03AMSD** Units **µg/L** Analysis Date **3/18/2013 01:48 PM**

Client ID Run ID. **VOA6_130318A** SeqNo **3143291** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48 08	5 0	50	0	96 2	80-120	45 33	5 89	20	
1,1,2,2-Tetrachloroethane	52 76	5 0	50	0	106	72-120	53 74	1 84	20	
1,1,2-Trichloroethane	48 97	5 0	50	0	97.9	80-120	51 77	5 57	20	
1,1-Dichloroethane	47 68	5 0	50	0	95.4	76-120	47 41	0 556	20	
1,1-Dichloroethene	45 01	5 0	50	0	90	73-124	42 37	6 04	20	
1,2-Dichloroethane	48 7	5 0	50	0 906	95 6	78-120	51 66	5 91	20	
1,2-Dichloropropane	48 16	5 0	50	0	96 3	80-120	48 44	0 57	20	
2-Butanone	98 45	10	100	0	98 4	58-132	101 1	2 67	20	
2-Hexanone	108 5	10	100	0	108	61-130	114 7	5 6	20	
4-Methyl-2-pentanone	108 9	10	100	0	109	65-127	116 3	6 48	20	
Acetone	86 77	10	100	0	86 8	59-137	88 54	2 02	20	
Allyl Chloride	45 56	10	50	0	91 1	60-137	44 43	2 51	20	
Benzene	47 77	5 0	50	0	95 5	73-121	47 35	0 881	20	
Bromodichloromethane	50 07	5 0	50	0	100	80-120	50 81	1 46	20	
Bromoform	53 25	5 0	50	0	107	79-120	56 49	5 89	20	
Bromomethane	43 31	5 0	50	0	86 6	66-137	39 39	9 47	20	
Carbon disulfide	88 06	10	100	0	88 1	68-141	83 85	4 91	20	
Carbon tetrachloride	45 94	5 0	50	0	91.9	75-124	43 92	4 48	20	
Chlorobenzene	47 01	5 0	50	0	94	80-120	49 14	4 41	20	
Chloroethane	42 44	5 0	50	0	84 9	76-121	41 37	2 54	20	
Chloroform	48 93	5 0	50	0	97.9	80-120	48 26	1 37	20	
Chloromethane	40 25	5 0	50	0	80 5	67-123	40 23	0 0555	20	
cis-1,2-Dichloroethene	48 38	5 0	50	0	96 8	78-120	44 81	7 65	20	
cis-1,3-Dichloropropene	51 32	5 0	50	0	103	80-120	51 96	1 24	20	
Dibromochloromethane	50 14	5 0	50	0	100	80-120	54 04	7 48	20	
Ethylbenzene	47 16	5 0	50	0	94 3	80-120	46 23	1 99	20	
m,p-Xylene	93 97	10	100	0	94	78-121	94 01	0 0472	20	
Methyl tert-butyl ether	51 6	5 0	50	0	103	73-121	49 55	4 05	20	
Methylene chloride	47 08	10	50	0	94 2	65-133	46 88	0 431	20	
Naphthalene	62 6	5 0	50	0	125	65-135	51 2	20	20	R
o-Xylene	47 37	5 0	50	0	94 7	80-120	48 32	1 98	20	
Styrene	48 98	5 0	50	0	98	80-120	50 12	2.3	20	
Tert-butyl alcohol	1234	100	1000	98 53	114	56-144	1236	0 128	20	
Tetrachloroethene	45 19	5 0	50	0	90 4	79-120	43 74	3 25	20	
Toluene	46 51	5 0	50	0	93	80-120	47 82	2 77	20	
trans-1,2-Dichloroethene	45 45	5 0	50	0	90.9	78-120	46 06	1 33	20	
trans-1,3-Dichloropropene	50 86	5 0	50	0	102	80-120	52 03	2 27	20	
Trichloroethene	48 23	5 0	50	0	96 5	80-120	47 31	1.92	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	44 2	2 0	50	0	88 4	70-127	43 34	1 96	20
Xylenes, Total	141 3	15	150	0	94 2	80-120	142 3	0 699	20
Surr 1,2-Dichloroethane-d4	52 03	5 0	*50*	0	*104*	*70-125*	50 68	*2 65*	*20*
Surr 4-Bromofluorobenzene	51 21	5 0	*50*	0	*102*	*72-125*	51 89	*1.32*	*20*
Surr Dibromofluoromethane	51 62	5 0	*50*	0	*103*	*71-125*	50 39	*2 41*	*20*
Surr Toluene-d8	49 64	5 0	*50*	0	*99 3*	*75-125*	51 11	*2 92*	*20*

The following samples were analyzed in this batch:

1303487-08A	1303487-24A	1303487-27A
1303487-28A	1303487-31A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130318-R144200** Units **µg/L** Analysis Date **3/18/2013 11:20 AM**
Client ID Run ID **VOA1_130318A** SeqNo **3143984** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200**	Instrument ID **VOA1**			Method **SW8260**			
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr. 1,2-Dichloroethane-d4	51 28	5 0	*50*	0	*103*	*70-125*	0
Surr 4-Bromofluorobenzene	49 28	5 0	*50*	0	*98 6*	*72-125*	0
Surr Dibromofluoromethane	49 93	5 0	*50*	0	*99 9*	*71-125*	0
Surr Toluene-d8	46 79	5 0	*50*	0	*93 6*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130318-R144200** Units **µg/L** Analysis Date **3/18/2013 10:05 AM**
Client ID Run ID **VOA1_130318A** SeqNo **3143983** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53 62	5 0	50	0	107	80-120	0			
1,1,2,2-Tetrachloroethane	54 3	5 0	50	0	109	72-120	0			
1,1,2-Trichloroethane	53 63	5 0	50	0	107	80-120	0			
1,1-Dichloroethane	51 62	5 0	50	0	103	76-120	0			
1,1-Dichloroethene	53 9	5 0	50	0	108	73-124	0			
1,2-Dichloroethane	50 51	5 0	50	0	101	78-120	0			
1,2-Dichloropropane	52 83	5 0	50	0	106	80-120	0			
2-Butanone	104 2	10	100	0	104	58-132	0			
2-Hexanone	101 5	10	100	0	101	61-130	0			
4-Methyl-2-pentanone	106 9	10	100	0	107	65-127	0			
Acetone	94 57	10	100	0	94 6	59-137	0			
Allyl Chloride	53 2	10	50	0	106	60-137	0			
Benzene	47 83	5 0	50	0	95 7	73-121	0			
Bromodichloromethane	52	5 0	50	0	104	80-120	0			
Bromoform	53 39	5 0	50	0	107	79-120	0			
Bromomethane	49 29	5 0	50	0	98 6	66-137	0			
Carbon disulfide	105 2	10	100	0	105	68-141	0			
Carbon tetrachloride	50 65	5 0	50	0	101	75-124	0			
Chlorobenzene	50 77	5 0	50	0	102	80-120	0			
Chloroethane	58 39	5 0	50	0	117	76-121	0			
Chloroform	54 89	5 0	50	0	110	80-120	0			
Chloromethane	49 99	5 0	50	0	100	67-123	0			
cis-1,2-Dichloroethene	53 85	5 0	50	0	108	78-120	0			
cis-1,3-Dichloropropene	52 82	5 0	50	0	106	80-120	0			
Dibromochloromethane	54 31	5 0	50	0	109	80-120	0			
Ethylbenzene	50 88	5 0	50	0	102	80-120	0			
m,p-Xylene	99 74	10	100	0	99 7	78-121	0			
Methyl tert-butyl ether	52 64	5 0	50	0	105	73-121	0			
Methylene chloride	54 07	10	50	0	108	65-133	0			
Naphthalene	59 51	5 0	50	0	119	65-135	0			
o-Xylene	51 52	5 0	50	0	103	80-120	0			
Styrene	53 35	5 0	50	0	107	80-120	0			
Tert-butyl alcohol	1045	100	1000	0	105	56-144	0			
Tetrachloroethene	48 6	5 0	50	0	97.2	79-120	0			
Toluene	50 37	5 0	50	0	101	80-120	0			
trans-1,2-Dichloroethene	54 61	5 0	50	0	109	78-120	0			
trans-1,3-Dichloropropene	56 24	5 0	50	0	112	80-120	0			
Trichloroethene	51 36	5 0	50	0	103	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	54 57	2 0	50	0	109	70-127	0
Xylenes, Total	151.3	15	150	0	101	80-120	0
Surr. 1,2-Dichloroethane-d4	48 95	5 0	*50*	0	*97 9*	*70-125*	0
Surr 4-Bromofluorobenzene	51 07	5 0	*50*	0	*102*	*72-125*	0
Surr Dibromofluoromethane	50 99	5 0	*50*	0	*102*	*71-125*	0
Surr. Toluene-d8	48.65	5 0	*50*	0	*97 3*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303544-17AMS** Units **µg/L** Analysis Date **3/18/2013 12:34 PM**
Client ID Run ID: **VOA1_130318A** SeqNo **3143986** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53 46	5 0	50	0	107	80-120	0			
1,1,2,2-Tetrachloroethane	50 4	5 0	50	0	101	72-120	0			
1,1,2-Trichloroethane	54 41	5 0	50	0	109	80-120	0			
1,1-Dichloroethane	59 66	5 0	50	6 804	106	76-120	0			
1,1-Dichloroethene	49 77	5 0	50	0	99 5	73-124	0			
1,2-Dichloroethane	55 85	5 0	50	3 101	105	78-120	0			
1,2-Dichloropropane	54 91	5 0	50	0	110	80-120	0			
2-Butanone	105 3	10	100	0	105	58-132	0			
2-Hexanone	109	10	100	0	109	61-130	0			
4-Methyl-2-pentanone	115 8	10	100	0	116	65-127	0			
Acetone	96 15	10	100	0	96 2	59-137	0			
Allyl Chloride	48 17	10	50	0	96 3	60-137	0			
Benzene	52 08	5 0	50	1 557	101	73-121	0			
Bromodichloromethane	51 9	5 0	50	0	104	80-120	0			
Bromoform	53 25	5 0	50	0	106	79-120	0			
Bromomethane	45 16	5 0	50	0	90 3	66-137	0			
Carbon disulfide	99 93	10	100	0	99 9	68-141	0			
Carbon tetrachloride	49.32	5 0	50	0	98 6	75-124	0			
Chlorobenzene	52 16	5 0	50	3 144	98	80-120	0			
Chloroethane	55 53	5 0	50	0	111	76-121	0			
Chloroform	53 78	5 0	50	0	108	80-120	0			
Chloromethane	44 26	5 0	50	0	88 5	67-123	0			
cis-1,2-Dichloroethene	57 58	5 0	50	3 694	108	78-120	0			
cis-1,3-Dichloropropene	51 4	5 0	50	0	103	80-120	0			
Dibromochloromethane	53 92	5 0	50	0	108	80-120	0			
Ethylbenzene	50 34	5 0	50	0	101	80-120	0			
m,p-Xylene	101 1	10	100	0	101	78-121	0			
Methyl tert-butyl ether	53 16	5 0	50	0	106	73-121	0			
Methylene chloride	57 43	10	50	0	115	65-133	0			
Naphthalene	48 16	5 0	50	0	96 3	65-135	0			
o-Xylene	53 3	5.0	50	0	107	80-120	0			
Styrene	55 26	5 0	50	0	111	80-120	0			
Tert-butyl alcohol	10840	100	1000	9013	183	56-144	0			SEO
Tetrachloroethene	48 74	5 0	50	0	97 5	79-120	0			
Toluene	48 18	5 0	50	0	96 4	80-120	0			
trans-1,2-Dichloroethene	53 05	5 0	50	0	106	78-120	0			
trans-1,3-Dichloropropene	56 12	5 0	50	0	112	80-120	0			
Trichloroethene	48 9	5 0	50	0	97 8	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	52 81	2 0	50	2 213	101	70-127	0
Xylenes, Total	154 4	15	150	0	103	80-120	0
Surr 1,2-Dichloroethane-d4	51 62	5 0	*50*	0	*103*	*70-125*	0
Surr 4-Bromofluorobenzene	49 69	5 0	*50*	0	*99 4*	*72-125*	0
Surr Dibromofluoromethane	51 7	5 0	*50*	0	*103*	*71-125*	0
Surr. Toluene-d8	51 1	5 0	*50*	0	*102*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID. **1303544-17AMSD** Units **µg/L** Analysis Date **3/18/2013 12:59 PM**

Client ID Run ID. **VOA1_130318A** SeqNo **3143987** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	56 51	5 0	50	0	113	80-120	53 46	5 55	20	
1,1,2,2-Tetrachloroethane	53 7	5 0	50	0	107	72-120	50 4	6 33	20	
1,1,2-Trichloroethane	52 93	5 0	50	0	106	80-120	54 41	2 77	20	
1,1-Dichloroethane	59 23	5 0	50	6 804	105	76-120	59 66	0 723	20	
1,1-Dichloroethene	53 94	5 0	50	0	108	73-124	49 77	8 04	20	
1,2-Dichloroethane	56 33	5 0	50	3 101	106	78-120	55 85	0 86	20	
1,2-Dichloropropane	54 11	5 0	50	0	108	80-120	54 91	1 47	20	
2-Butanone	109 7	10	100	0	110	58-132	105 3	4 07	20	
2-Hexanone	112 1	10	100	0	112	61-130	109	2.81	20	
4-Methyl-2-pentanone	112 1	10	100	0	112	65-127	115 8	3 22	20	
Acetone	99 28	10	100	0	99 3	59-137	96 15	3 2	20	
Allyl Chloride	50 99	10	50	0	102	60-137	48 17	5 69	20	
Benzene	53 8	5 0	50	1 557	104	73-121	52 08	3 25	20	
Bromodichloromethane	54 72	5 0	50	0	109	80-120	51.9	5 29	20	
Bromoform	54 71	5 0	50	0	109	79-120	53 25	2 7	20	
Bromomethane	48 69	5 0	50	0	97 4	66-137	45 16	7 52	20	
Carbon disulfide	105 5	10	100	0	105	68-141	99 93	5 41	20	
Carbon tetrachloride	50 04	5 0	50	0	100	75-124	49 32	1 46	20	
Chlorobenzene	51 42	5 0	50	3.144	96 5	80-120	52 16	1 44	20	
Chloroethane	56 35	5 0	50	0	113	76-121	55 53	1 48	20	
Chloroform	56 14	5 0	50	0	112	80-120	53 78	4 31	20	
Chloromethane	47 95	5 0	50	0	95 9	67-123	44 26	8 01	20	
cis-1,2-Dichloroethene	58 94	5 0	50	3 694	110	78-120	57 58	2 32	20	
cis-1,3-Dichloropropene	51 78	5 0	50	0	104	80-120	51 4	0 732	20	
Dibromochloromethane	54 21	5 0	50	0	108	80-120	53 92	0 528	20	
Ethylbenzene	49 27	5 0	50	0	98 5	80-120	50 34	2 14	20	
m,p-Xylene	102 8	10	100	0	103	78-121	101 1	1 65	20	
Methyl tert-butyl ether	58 55	5 0	50	0	117	73-121	53 16	9 65	20	
Methylene chloride	57 14	10	50	0	114	65-133	57 43	0 511	20	
Naphthalene	56 95	5 0	50	0	114	65-135	48 16	16 7	20	
o-Xylene	48 73	5 0	50	0	97 5	80-120	53 3	8 94	20	
Styrene	51 45	5 0	50	0	103	80-120	55 26	7 13	20	
Tert-butyl alcohol	12000	100	1000	9013	299	56-144	10840	10.2	20	SEO
Tetrachloroethene	49 54	5 0	50	0	99 1	79-120	48 74	1 63	20	
Toluene	49 3	5 0	50	0	98 6	80-120	48 18	2 3	20	
trans-1,2-Dichloroethene	52 2	5 0	50	0	104	78-120	53 05	1 63	20	
trans-1,3-Dichloropropene	55 67	5 0	50	0	111	80-120	56 12	0 797	20	
Trichloroethene	50 77	5 0	50	0	102	80-120	48 9	3 75	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200**	Instrument ID **VOA1**		Method **SW8260**						
Vinyl chloride	57 03	2 0	50	2.213	110	70-127	52 81	7 67	20
Xylenes, Total	151 5	15	150	0	101	80-120	154 4	1 89	20
Surr 1,2-Dichloroethane-d4	53 99	5 0	*50*	0	*108*	*70-125*	51 62	*4 49*	*20*
Surr 4-Bromofluorobenzene	48 75	5 0	*50*	0	*97 5*	*72-125*	49 69	*1.9*	*20*
Surr Dibromofluoromethane	54 16	5 0	*50*	0	*108*	*71-125*	51.7	*4 65*	*20*
Surr Toluene-d8	47 79	5 0	*50*	0	*95 6*	*75-125*	51 1	*6 69*	*20*

The following samples were analyzed in this batch: 1303487-25A 1303487-26A 1303487-29A 1303487-30A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130319-R144218** Units **µg/L** Analysis Date: **3/19/2013 11:47 AM**

Client ID Run ID. **VOA1_130319A** SeqNo **3144345** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dibromochloromethane	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Methylene chloride	U	10								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	45 99	5 0	*50*	0	*92*	*70-125*	0
Surr 4-Bromofluorobenzene	50 5	5 0	*50*	0	*101*	*72-125*	0
Surr: Dibromofluoromethane	50 72	5 0	*50*	0	*101*	*71-125*	0
Surr. Toluene-d8	49 73	5 0	*50*	0	*99 5*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130319-R144218** Units **µg/L** Analysis Date **3/19/2013 10:33 AM**
Client ID Run ID **VOA1_130319A** SeqNo **3144344** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 09	5 0	50	0	104	80-120	0			
1,1,2,2-Tetrachloroethane	54 53	5 0	50	0	109	72-120	0			
1,1,2-Trichloroethane	52 82	5 0	50	0	106	80-120	0			
1,1-Dichloroethane	48 18	5 0	50	0	96 4	76-120	0			
1,1-Dichloroethene	49 47	5 0	50	0	98.9	73-124	0			
1,2-Dichloroethane	52 73	5 0	50	0	105	78-120	0			
1,2-Dichloropropane	53 58	5 0	50	0	107	80-120	0			
2-Butanone	99 86	10	100	0	99 9	58-132	0			
2-Hexanone	107 5	10	100	0	107	61-130	0			
4-Methyl-2-pentanone	104 5	10	100	0	105	65-127	0			
Acetone	95 99	10	100	0	96	59-137	0			
Allyl Chloride	52 35	10	50	0	105	60-137	0			
Benzene	51 3	5 0	50	0	103	73-121	0			
Bromodichloromethane	54 27	5 0	50	0	109	80-120	0			
Bromoform	56 41	5 0	50	0	113	79-120	0			
Bromomethane	49 87	5 0	50	0	99 7	66-137	0			
Carbon disulfide	103	10	100	0	103	68-141	0			
Carbon tetrachloride	50 43	5 0	50	0	101	75-124	0			
Chlorobenzene	51 3	5 0	50	0	103	80-120	0			
Chloroethane	56 62	5 0	50	0	113	76-121	0			
Chloroform	51 81	5 0	50	0	104	80-120	0			
Chloromethane	48 81	5 0	50	0	97 6	67-123	0			
cis-1,2-Dichloroethene	51 08	5 0	50	0	102	78-120	0			
cis-1,3-Dichloropropene	49 56	5 0	50	0	99 1	80-120	0			
Dibromochloromethane	54 99	5 0	50	0	110	80-120	0			
Ethylbenzene	50 3	5 0	50	0	101	80-120	0			
m,p-Xylene	98 59	10	100	0	98 6	78-121	0			
Methyl tert-butyl ether	48 56	5 0	50	0	97.1	73-121	0			
Methylene chloride	51 81	10	50	0	104	65-133	0			
Naphthalene	59 44	5 0	50	0	119	65-135	0			
o-Xylene	49 15	5 0	50	0	98 3	80-120	0			
Styrene	50 3	5 0	50	0	101	80-120	0			
Tetrachloroethene	47 77	5 0	50	0	95 5	79-120	0			
Toluene	51 32	5 0	50	0	103	80-120	0			
trans-1,2-Dichloroethene	50 23	5 0	50	0	100	78-120	0			
trans-1,3-Dichloropropene	57 18	5 0	50	0	114	80-120	0			
Trichloroethene	50 92	5 0	50	0	102	80-120	0			
Vinyl chloride	53 51	2 0	50	0	107	70-127	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

Xylenes, Total	147 7	15	150	0	98 5	80-120	0
Surr 1,2-Dichloroethane-d4	48 78	5 0	*50*	0	*97 6*	*70-125*	0
Surr. 4-Bromofluorobenzene	50 05	5 0	*50*	0	*100*	*72-125*	0
Surr· Dibromofluoromethane	52 08	5 0	*50*	0	*104*	*71-125*	0
Surr Toluene-d8	47 63	5 0	*50*	0	*95 3*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303594-04AMS** Units **µg/L** Analysis Date **3/19/2013 01:26 PM**

Client ID Run ID **VOA1_130319A** SeqNo **3144354** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	54 22	5 0	50	0	108	80-120	0			
1,1,2,2-Tetrachloroethane	49 96	5 0	50	0	99 9	72-120	0			
1,1,2-Trichloroethane	52 02	5 0	50	0	104	80-120	0			
1,1-Dichloroethane	53 49	5 0	50	0	107	76-120	0			
1,1-Dichloroethene	49 44	5 0	50	0	98 9	73-124	0			
1,2-Dichloroethane	52 18	5 0	50	0	104	78-120	0			
1,2-Dichloropropane	53 68	5 0	50	0	107	80-120	0			
2-Butanone	99 12	10	100	0	99 1	58-132	0			
2-Hexanone	90 82	10	100	0	90 8	61-130	0			
4-Methyl-2-pentanone	101 4	10	100	0	101	65-127	0			
Acetone	87 92	10	100	0	87.9	59-137	0			
Allyl Chloride	50 1	10	50	0	100	60-137	0			
Benzene	48 43	5 0	50	0	96 9	73-121	0			
Bromodichloromethane	52 98	5 0	50	0	106	80-120	0			
Bromoform	53 35	5 0	50	0	107	79-120	0			
Bromomethane	45 87	5 0	50	0	91 7	66-137	0			
Carbon disulfide	102 2	10	100	0	102	68-141	0			
Carbon tetrachloride	49 53	5 0	50	0	99 1	75-124	0			
Chlorobenzene	47 25	5 0	50	0	94 5	80-120	0			
Chloroethane	56 64	5 0	50	0	113	76-121	0			
Chloroform	56 63	5 0	50	0	113	80-120	0			
Chloromethane	45 3	5 0	50	0	90 6	67-123	0			
cis-1,2-Dichloroethene	52 5	5 0	50	0	105	78-120	0			
cis-1,3-Dichloropropene	52 63	5 0	50	0	105	80-120	0			
Dibromochloromethane	52 12	5 0	50	0	104	80-120	0			
Ethylbenzene	51 07	5 0	50	0	102	80-120	0			
m,p-Xylene	101 5	10	100	0	101	78-121	0			
Methyl tert-butyl ether	55 37	5 0	50	0	111	73-121	0			
Methylene chloride	58 08	10	50	0	116	65-133	0			
Naphthalene	51 55	5 0	50	0	103	65-135	0			
o-Xylene	51 02	5 0	50	0	102	80-120	0			
Styrene	50 05	5 0	50	0	100	80-120	0			
Tetrachloroethene	47 66	5 0	50	0	95 3	79-120	0			
Toluene	49 62	5 0	50	0	99 2	80-120	0			
trans-1,2-Dichloroethene	53 1	5 0	50	0	106	78-120	0			
trans-1,3-Dichloropropene	53 85	5 0	50	0	108	80-120	0			
Trichloroethene	48 25	5 0	50	0	96 5	80-120	0			
Vinyl chloride	50 23	2 0	50	0	100	70-127	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218**	Instrument ID **VOA1**		Method **SW8260**				
Xylenes, Total	152 5	15	150	0	102	80-120	0
Surr 1,2-Dichloroethane-d4	49 31	5 0	*50*	0	*98 6*	*70-125*	0
Surr 4-Bromofluorobenzene	49 08	5 0	*50*	0	*98 2*	*72-125*	0
Surr Dibromofluoromethane	53 17	5 0	*50*	0	*106*	*71-125*	0
Surr Toluene-d8	49 61	5 0	*50*	0	*99 2*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303594-04AMSD** Units **µg/L** Analysis Date **3/19/2013 01:51 PM**

Client ID Run ID **VOA1_130319A** SeqNo **3144355** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48 23	5 0	50	0	96 5	80-120	54 22	11 7	20	
1,1,2,2-Tetrachloroethane	54 26	5 0	50	0	109	72-120	49 96	8 26	20	
1,1,2-Trichloroethane	54 66	5 0	50	0	109	80-120	52 02	4 95	20	
1,1-Dichloroethane	52 69	5 0	50	0	105	76-120	53 49	1 49	20	
1,1-Dichloroethene	44 23	5 0	50	0	88 5	73-124	49 44	11 1	20	
1,2-Dichloroethane	53 94	5 0	50	0	108	78-120	52 18	3 32	20	
1,2-Dichloropropane	53 6	5 0	50	0	107	80-120	53 68	0 145	20	
2-Butanone	101 8	10	100	0	102	58-132	99 12	2 7	20	
2-Hexanone	110 4	10	100	0	110	61-130	90 82	19 5	20	
4-Methyl-2-pentanone	111 1	10	100	0	111	65-127	101 4	9 14	20	
Acetone	86 8	10	100	0	86 8	59-137	87 92	1 28	20	
Allyl Chloride	49 38	10	50	0	98 8	60-137	50 1	1 45	20	
Benzene	51 89	5 0	50	0	104	73-121	48 43	6 91	20	
Bromodichloromethane	53 79	5 0	50	0	108	80-120	52 98	1 52	20	
Bromoform	55 33	5 0	50	0	111	79-120	53 35	3 64	20	
Bromomethane	50 23	5 0	50	0	100	66-137	45 87	9 06	20	
Carbon disulfide	97 18	10	100	0	97.2	68-141	102 2	5 02	20	
Carbon tetrachloride	46 88	5 0	50	0	93 8	75-124	49 53	5 49	20	
Chlorobenzene	50 2	5 0	50	0	100	80-120	47 25	6 06	20	
Chloroethane	55 53	5 0	50	0	111	76-121	56 64	1 98	20	
Chloroform	52 3	5 0	50	0	105	80-120	56 63	7 95	20	
Chloromethane	43 84	5 0	50	0	87 7	67-123	45.3	3 28	20	
cis-1,2-Dichloroethene	55	5 0	50	0	110	78-120	52 5	4 66	20	
cis-1,3-Dichloropropene	54 32	5 0	50	0	109	80-120	52 63	3 16	20	
Dibromochloromethane	55 94	5 0	50	0	112	80-120	52 12	7 07	20	
Ethylbenzene	46 94	5 0	50	0	93 9	80-120	51 07	8 41	20	
m,p-Xylene	101 9	10	100	0	102	78-121	101.5	0 388	20	
Methyl tert-butyl ether	57 31	5 0	50	0	115	73-121	55 37	3 45	20	
Methylene chloride	56 53	10	50	0	113	65-133	58 08	2 7	20	
Naphthalene	51 75	5 0	50	0	103	65-135	51 55	0 381	20	
o-Xylene	49 52	5 0	50	0	99	80-120	51 02	2 99	20	
Styrene	53 21	5 0	50	0	106	80-120	50 05	6 12	20	
Tetrachloroethene	45 46	5 0	50	0	90 9	79-120	47 66	4 73	20	
Toluene	50 55	5 0	50	0	101	80-120	49 62	1 87	20	
trans-1,2-Dichloroethene	52 66	5 0	50	0	105	78-120	53 1	0 829	20	
trans-1,3-Dichloropropene	57 86	5 0	50	0	116	80-120	53 85	7.18	20	
Trichloroethene	50 04	5 0	50	0	100	80-120	48 25	3 63	20	
Vinyl chloride	48 72	2 0	50	0	97 4	70-127	50 23	3 06	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218**	Instrument ID **VOA1**		Method **SW8260**						
Xylenes, Total	151 4	15	150	0	101	80-120	152 5	0 728	20
Surr 1,2-Dichloroethane-d4	49 21	5 0	*50*	0	*98 4*	*70-125*	49 31	*0.202*	*20*
Surr 4-Bromofluorobenzene	51 34	5 0	*50*	0	*103*	*72-125*	49 08	*4.5*	*20*
Surr Dibromofluoromethane	50 15	5 0	*50*	0	*100*	*71-125*	53 17	*5 83*	*20*
Surr Toluene-d8	50 03	5 0	*50*	0	*100*	*75-125*	49 61	*0.861*	*20*

The following samples were analyzed in this batch: 1303487-29A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144223** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130319-R144223** Units **µg/L** Analysis Date **3/19/2013 11:49 AM**
Client ID Run ID **VOA6_130319A** SeqNo **3144441** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	U	5 0								
Chloroform	U	5 0								
Tert-butyl alcohol	U	100								
Surr 1,2-Dichloroethane-d4	52 14	5 0	*50*	0	*104*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 85	5 0	*50*	0	*102*	*72-125*	0			
Surr Dibromofluoromethane	49 26	5 0	*50*	0	*98 5*	*71-125*	0			
Surr Toluene-d8	49 94	5 0	*50*	0	*99 9*	*75-125*	0			

LCS Sample ID **VLCSW-130319-R144223** Units **µg/L** Analysis Date **3/19/2013 10:33 AM**
Client ID Run ID **VOA6_130319A** SeqNo **3144440** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	50 14	5 0	*50*	0	100	78-120	0			
Chloroform	52 42	5 0	50	0	105	80-120	0			
Tert-butyl alcohol	1077	100	1000	0	108	56-144	0			
Surr 1,2-Dichloroethane-d4	51 53	5 0	*50*	0	*103*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 49	5 0	*50*	0	*101*	*72-125*	0			
Surr Dibromofluoromethane	50 2	5 0	*50*	0	*100*	*71-125*	0			
Surr. Toluene-d8	50	5 0	*50*	0	*100*	*75-125*	0			

MS Sample ID **1303587-59AMS** Units **µg/L** Analysis Date **3/19/2013 01:26 PM**
Client ID Run ID **VOA6_130319A** SeqNo **3144445** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	50 8	5 0	50	0	102	78-120	0			
Chloroform	48 96	5 0	50	0	97 9	80-120	0			
Tert-butyl alcohol	1291	100	1000	0	129	56-144	0			
Surr 1,2-Dichloroethane-d4	52 19	5 0	*50*	0	*104*	*70-125*	0			
Surr 4-Bromofluorobenzene	51 08	5 0	*50*	0	*102*	*72-125*	0			
Surr Dibromofluoromethane	50 94	5 0	*50*	0	*102*	*71-125*	0			
Surr Toluene-d8	49 87	5 0	*50*	0	*99.7*	*75-125*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303487
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144223** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303587-59AMSD** Units **µg/L** Analysis Date **3/19/2013 01:52 PM**
Client ID Run ID **VOA6_130319A** SeqNo **3144446** Prep Date DF. **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	51 54	5 0	50	0	103	78-120	50 8	1 44	20	
Chloroform	50 41	5 0	50	0	101	80-120	48 96	2 91	20	
Tert-butyl alcohol	1176	100	1000	0	118	56-144	1291	9 33	20	
Surr 1,2-Dichloroethane-d4	52 22	5 0	*50*	0	*104*	*70-125*	52 19	*0 0545*	*20*	
Surr 4-Bromofluorobenzene	51	5 0	*50*	0	*102*	*72-125*	51 08	*0 155*	*20*	
Surr Dibromofluoromethane	51 31	5 0	*50*	0	*103*	*71-125*	50 94	*0 72*	*20*	
Surr Toluene-d8	50 07	5 0	*50*	0	*100*	*75-125*	49 87	*0 403*	*20*	

The following samples were analyzed in this batch:

1303487-08A	1303487-25A	1303487-28A
1303487-29A	1303487-30A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Project: FLTG 0184582-B
WorkOrder: 1303487

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **ERMSW-HOU** Date/Time Received. **13-Mar-13 10:30**

Work Order **1303487** Received by **JEM**

Checklist completed by Johnnie B. Allen (eSignature) 14-Mar-13 (Date) Reviewed by Bernadette A. Fine (eSignature) 15-Mar-13 (Date)

Matrices water
Carrier name ALS HS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	0 9 c/UC	ir 1	
Cooler(s)/Kit(s)	7112		
Date/Time sample(s) sent to storage	3/14/13 16 40		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by	-		

Login Notes

Client Contacted Date Contacted Person Contacted

Contacted By Regarding

Comments

CorrectiveAction

SRC Page 1 of 1

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Chain of Custody Form

Page 1 of 4

COC ID: 73223

1303487

ERMSW-HOU: Environmental Resources Management

Project: FLTG 0184582-B

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	5921	Project Name	FLTG	A	VOC
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	INT-217	3/12/13	1150	H2O	HCL	3	X										
2	INT-252		1215			3	X										
3	INT-150		1240			3	X										
4	SI-111		1305		HCL, HNO3	4	X	X									
5	INT-251		1330		HCL	3	X										
6	INT-108		1353			3	X										
7	INT-235		1418			3	X										
8	SI-123		1445			3	X										
9	FB-2		1450			3	X										
10	Trip Blank		—			2	X										

Sampler(s) Please Print & Sign: James Rogato [signature]

Shipment Method: Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
James Rogato	3/12/13	1530	John Meeny 10:30	3-13-13 10 Day TAT
John Meeny	3-13-13	12:50		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
7112	

QC Package: (Check One Box Below)
☑ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EDD
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

Page 2 of 4

COC ID: 73928

ALS Project Manager: | ALS Work Order #: 1308645

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SI-146	3/12/13	0940	H_2O	HCL	3	X										
2	INT-260		1011				X										
3	SI-145		1050				X										
4	SI-144		1130				X										
5	SI-169		1200				X										
6	SI-106A		1231				X										
7	SI-106A (MS)		1236				X										
8	SI-106A (MSD)		1241				X										
9	INT-106		1305				X										
10	INT-261		1335				X										

Sampler(s) Please Print & Sign: GARRETT ROSENBALM | Shipment Method: Pick Up | Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other | Results Due Date:

Relinquished by: | Date: 3/12/13 | Time: 1530 | Received by: | 3-13-13 1030 | Notes: 10 Day TAT

Relinquished by: | Date: 3-13-13 | Time: 12:50 | Received by (Laboratory): | Cooler ID | Cooler Temp.

Logged by (Laboratory): | Date: | Time: | Checked by (Laboratory): | 7+12

QC Package: (Check One Box Below) ☑ Level II Std QC ☐ Level III Std QC/Raw Data ☐ Level IV SW846/CLP ☐ Other / EDD ☐ TRRP Checklist ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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Everett, WA +1 425 356 2600	Holland, MI +1 616 399 6070	Page 3 of 4	Middletown, PA +1 717 944 5541	Salt Lake City, UT +1 801 266 7700	York, PA +1 717 505 5280

COC ID: 73224

ALS Project Manager: | ALS Work Order #: 130348

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SI-108A	3/12/13	1407	H_2O	HCL	3	X										
2	SI-154		1430			3	X										
3	SI-155		1452			3	X										
4							X										
5							X										
6							X										
7							X										
8							X										
9							X										
10							X										

Sampler(s) Please Print & Sign: Garrett Rosenbaum

Shipment Method: Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
[signature]	3/12/13	1530	[signature] 10:30	3-13-13 10 Day TAT
[signature]	3-13-13	12:50	[signature]	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
7112	

QC Package: (Check One Box Below)
☑ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EDD
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Chain of Custody Form

Page 4 of 4

COC ID: 73931

Houston, TX +1 281 530 5656 | Spring City, PA +1 610 948 4903 | South Charleston, WV +1 304 356 3168 | Middletown, PA +1 717 944 5541 | Salt Lake City, UT +1 801 266 7700 | York, PA +1 717 505 5280

ALS Project Manager: | ALS Work Order #: 1303487

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As, Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SI-143	3/12/13	945	H_2O	1	3	X										
2	INT-239		1025				X										
3	SI-131		1105				X										
4	SI-160		1140				X										
5	SI-138		1215				X										
6	SI-64		1300				X										
7	SI-139		1345				X										
8	SI-162		1420				X										
9	SI-161		1455				X										
10	SI-165		1530				X										

Sampler(s) Please Print & Sign: Jeff Billingsley

Shipment Method: Pick UP

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date: 3/12/13	Time: 10:30	Received by: John Melvy 3-13-13	Notes: 10 Day TAT
Relinquished by: John Melvy	Date: 3-13-13	Time: 12:50	Received by (Laboratory):	Cooler ID / Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	712

QC Package: (Check One Box Below)
☑ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other / EDD

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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ALS Environmental

22-Mar-2013

Rob Jaros
Environmental Resources Management
15810 Park Ten Place
Suite 300
Houston, TX 77084

Tel: (281) 600-1117
Fax: (281) 600-1001

Re: FLTG 0184582-B

Work Order: **1303544**

Dear Rob,

ALS Environmental received 18 samples on 14-Mar-2013 10.30 AM for the analyses presented in the following report

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental Samples will be disposed in 30 days unless storage arrangements are made

The total number of pages in this report is 97.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Luke F Hernandez

Bernadette A. Fini
Project Manager

Certificate No TX T104704231-12-10

ALS Environmental

Date: 22-Mar-13

Client: Environmental Resources Management
Project: FLTG 0184582-B
Work Order: **1303544**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1303544-01	FLTG-14	Water		3/13/2013 09:17	3/14/2013 10:30	☐
1303544-02	FLTG-13	Water		3/13/2013 09:40	3/14/2013 10:30	☐
1303544-03	S1-149	Water		3/13/2013 10:07	3/14/2013 10:30	☐
1303544-04	S1-153	Water		3/13/2013 10:53	3/14/2013 10:30	☐
1303544-05	INT-127	Water		3/13/2013 11:05	3/14/2013 10:30	☐
1303544-06	INT-118	Water		3/13/2013 09:10	3/14/2013 10:30	☐
1303544-07	S1-118	Water		3/13/2013 09:35	3/14/2013 10:30	☐
1303544-08	INT-101	Water		3/13/2013 10:00	3/14/2013 10:30	☐
1303544-09	INT-162	Water		3/13/2013 10:25	3/14/2013 10:30	☐
1303544-10	INT-059-P-2	Water		3/13/2013 10:50	3/14/2013 10:30	☐
1303544-11	INT-060-P-3	Water		3/13/2013 11:15	3/14/2013 10:30	☐
1303544-12	S1-164	Water		3/13/2013 09:20	3/14/2013 10:30	☐
1303544-13	INT-169	Water		3/13/2013 10:05	3/14/2013 10:30	☐
1303544-14	INT-169 Dup	Water		3/13/2013 10:10	3/14/2013 10:30	☐
1303544-15	S1-159	Water		3/13/2013 10:45	3/14/2013 10:30	☐
1303544-16	S1-105	Water		3/13/2013 11:35	3/14/2013 10:30	☐
1303544-17	S1-136	Water		3/13/2013 14:45	3/14/2013 10:30	☐
1303544-18	Trip Blank - 022713-74	Water		3/13/2013	3/14/2013 10:30	☐

Client: Environmental Resources Management
Project: FLTG 0184582-B
Work Order: 1303544

Case Narrative

Batch R144121, Volatile Organics Method 8260, Sample VSTD050: Naphthalene exceeded %D quality control limits for CCV. LCS was within limits. The associated sample results are Non Detect. "ND". The MS/MSD for this batch is for an unrelated sample.

Batch 68490, Total Metals Method 6020, Sample 1303500-03: MS/MSD and DUP is for an unrelated sample.

Batch R144200, Volatile Organics Method 8260, Sample ID "S1-136" (1303544-17): MS/MSD recoveries were above the quality control limits for Tert-butyl alcohol, due to matrix interference. The LCS recoveries and MS/MSD RPD were within the control limits.

Batch R144285, Volatile Organics Method 8260, Sample 1303642-02: MS/MSD is for an unrelated sample.

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FLTG-14
Collection Date: 3/13/2013 09:17 AM

Work Order: 1303544
Lab ID: 1303544-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method. SW8260				Analyst PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 19 42
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 19 42
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 19 42
1,1-Dichloroethane	**3.5**	**J**	**0.50**	**5.0**	**µg/L**	1	3/18/2013 19 42
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/18/2013 19 42
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 19 42
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 19 42
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 19 42
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 19 42
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 19 42
Acetone	U		3 0	10	µg/L	1	3/18/2013 19 42
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 19 42
Benzene	**2.2**	**J**	**0.50**	**5.0**	**µg/L**	1	3/18/2013 19 42
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 19 42
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 19 42
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 19 42
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 19 42
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 19 42
Chlorobenzene	U		0 50	5 0	µg/L	1	3/18/2013 19 42
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 19 42
Chloroform	U		1 0	5 0	µg/L	1	3/18/2013 19 42
Chloromethane	U		1 0	5 0	µg/L	1	3/18/2013 19 42
cis-1,2-Dichloroethene	**2.1**	**J**	**1.0**	**5.0**	**µg/L**	1	3/18/2013 19 42
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/18/2013 19 42
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/18/2013 19 42
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 19 42
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 19·42
Methyl tert-butyl ether	**2.3**	**J**	**1.0**	**5.0**	**µg/L**	1	3/18/2013 19 42
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 19 42
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 19 42
o-Xylene	U		0.50	5 0	µg/L	1	3/18/2013 19 42
Styrene	U		0.90	5 0	µg/L	1	3/18/2013 19 42
Tert-butyl alcohol	**11,000**		**500**	**1,000**	**µg/L**	10	3/19/2013 19 24
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/18/2013 19 42
Toluene	U		0.50	5 0	µg/L	1	3/18/2013 19 42
trans-1,2-Dichloroethene	U		1.0	5 0	µg/L	1	3/18/2013 19 42
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/18/2013 19 42
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 19 42

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FLTG-14
Collection Date: 3/13/2013 09:17 AM

Work Order: 1303544
Lab ID: 1303544-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1.5**	J	**0.50**	**2.0**	**µg/L**	1	3/18/2013 19 42
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 19 42
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	3/18/2013 19 42
Surr 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	10	3/19/2013 19 24
Surr 4-Bromofluorobenzene	*100*			*72-125*	*%REC*	1	3/18/2013 19 42
Surr 4-Bromofluorobenzene	*97 6*			*72-125*	*%REC*	10	3/19/2013 19 24
Surr Dibromofluoromethane	*99 0*			*71-125*	*%REC*	1	3/18/2013 19 42
Surr Dibromofluoromethane	*98 2*			*71-125*	*%REC*	10	3/19/2013 19 24
Surr Toluene-d8	*98 2*			*75-125*	*%REC*	1	3/18/2013 19 42
Surr Toluene-d8	*97 8*			*75-125*	*%REC*	10	3/19/2013 19 24

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FLTG-13
Collection Date: 3/13/2013 09:40 AM

Work Order: 1303544
Lab ID: 1303544-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst. PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 18 24
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 18 24
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 18 24
1,1-Dichloroethane	**0.78**	**J**	**0.50**	**5.0**	**µg/L**	1	3/18/2013 18 24
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/18/2013 18 24
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 18 24
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 18 24
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 18 24
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 18 24
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 18 24
Acetone	U		3 0	10	µg/L	1	3/18/2013 18 24
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 18 24
Benzene	U		0.50	5 0	µg/L	1	3/18/2013 18 24
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 18 24
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 18 24
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 18 24
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 18 24
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 18 24
Chlorobenzene	U		0 50	5 0	µg/L	1	3/18/2013 18.24
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 18 24
Chloroform	U		1 0	5 0	µg/L	1	3/18/2013 18 24
Chloromethane	U		1 0	5 0	µg/L	1	3/18/2013 18.24
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 18 24
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/18/2013 18 24
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/18/2013 18 24
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 18 24
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 18 24
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/18/2013 18 24
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 18 24
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 18 24
o-Xylene	U		0 50	5 0	µg/L	1	3/18/2013 18 24
Styrene	U		0 90	5 0	µg/L	1	3/18/2013 18 24
Tert-butyl alcohol	**87**	**J**	**50**	**100**	**µg/L**	1	3/18/2013 18 24
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/18/2013 18 24
Toluene	U		0 50	5 0	µg/L	1	3/18/2013 18 24
trans-1,2-Dichloroethene	U		1 0	5.0	µg/L	1	3/18/2013 18 24
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/18/2013 18 24
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 18 24

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: FLTG-13
Collection Date: 3/13/2013 09:40 AM

Work Order: 1303544
Lab ID: 1303544-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/18/2013 18 24
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 18 24
Surr 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	1	3/18/2013 18 24
Surr 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	1	3/18/2013 18 24
Surr Dibromofluoromethane	*97 8*			*71-125*	*%REC*	1	3/18/2013 18 24
Surr Toluene-d8	*99.9*			*75-125*	*%REC*	1	3/18/2013 18 24

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-149
Collection Date: 3/13/2013 10:07 AM

Work Order: 1303544
Lab ID: 1303544-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		2 5	25	µg/L	5	3/21/2013 14 31
1,1,2,2-Tetrachloroethane	U		3 0	25	µg/L	5	3/21/2013 14 31
1,1,2-Trichloroethane	U		2 5	25	µg/L	5	3/21/2013 14 31
1,1-Dichloroethane	**170**		**2.5**	**25**	**µg/L**	5	3/21/2013 14 31
1,1-Dichloroethene	**46**		**3.0**	**25**	**µg/L**	5	3/21/2013 14 31
1,2-Dichloroethane	**3,400**		**25**	**250**	**µg/L**	50	3/21/2013 13 41
1,2-Dichloropropane	U		2 5	25	µg/L	5	3/21/2013 14 31
2-Butanone	U		10	50	µg/L	5	3/21/2013 14 31
2-Hexanone	U		10	50	µg/L	5	3/21/2013 14 31
4-Methyl-2-pentanone	U		9 0	50	µg/L	5	3/21/2013 14 31
Acetone	U		15	50	µg/L	5	3/21/2013 14 31
Allyl Chloride	U		50	50	µg/L	5	3/21/2013 14 31
Benzene	**15**	J	**2.5**	**25**	**µg/L**	5	3/21/2013 14 31
Bromodichloromethane	U		4 5	25	µg/L	5	3/21/2013 14 31
Bromoform	U		4 5	25	µg/L	5	3/21/2013 14 31
Bromomethane	U		5 0	25	µg/L	5	3/21/2013 14.31
Carbon disulfide	U		10	50	µg/L	5	3/21/2013 14 31
Carbon tetrachloride	U		5 0	25	µg/L	5	3/21/2013 14 31
Chlorobenzene	U		2 5	25	µg/L	5	3/21/2013 14 31
Chloroethane	U		5 0	25	µg/L	5	3/21/2013 14 31
Chloroform	**100**		**5.0**	**25**	**µg/L**	5	3/21/2013 14 31
Chloromethane	U		5 0	25	µg/L	5	3/21/2013 14 31
cis-1,2-Dichloroethene	**530**		**5.0**	**25**	**µg/L**	5	3/21/2013 14·31
cis-1,3-Dichloropropene	U		2 5	25	µg/L	5	3/21/2013 14 31
Dibromochloromethane	U		4 5	25	µg/L	5	3/21/2013 14 31
Ethylbenzene	U		2 5	25	µg/L	5	3/21/2013 14 31
m,p-Xylene	U		5 0	50	µg/L	5	3/21/2013 14 31
Methyl tert-butyl ether	U		5 0	25	µg/L	5	3/21/2013 14 31
Methylene chloride	U		5 0	50	µg/L	5	3/21/2013 14 31
Naphthalene	U		5 0	25	µg/L	5	3/21/2013 14 31
o-Xylene	U		2 5	25	µg/L	5	3/21/2013 14 31
Styrene	U		4 5	25	µg/L	5	3/21/2013 14 31
Tert-butyl alcohol	**1,100**		**250**	**500**	**µg/L**	5	3/21/2013 14 31
Tetrachloroethene	**32**		**5.0**	**25**	**µg/L**	5	3/21/2013 14 31
Toluene	U		2 5	25	µg/L	5	3/21/2013 14 31
trans-1,2-Dichloroethene	**10**	J	**5.0**	**25**	**µg/L**	5	3/21/2013 14 31
trans-1,3-Dichloropropene	U		4 5	25	µg/L	5	3/21/2013 14 31
Trichloroethene	**90**		**5.0**	**25**	**µg/L**	5	3/21/2013 14 31

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-149
Collection Date: 3/13/2013 10:07 AM

Work Order: 1303544
Lab ID: 1303544-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**260**		**2.5**	**10**	**µg/L**	5	3/21/2013 14 31
Xylenes, Total	U		7 5	75	µg/L	5	3/21/2013 14 31
Surr 1,2-Dichloroethane-d4	*97 1*			*70-125*	*%REC*	50	3/21/2013 13 41
Surr 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	5	3/21/2013 14 31
Surr 4-Bromofluorobenzene	*99 3*			*72-125*	*%REC*	50	3/21/2013 13 41
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	5	3/21/2013 14 31
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	50	3/21/2013 13 41
Surr Dibromofluoromethane	*107*			*71-125*	*%REC*	5	3/21/2013 14 31
Surr Toluene-d8	*98 0*			*75-125*	*%REC*	50	3/21/2013 13 41
Surr Toluene-d8	*103*			*75-125*	*%REC*	5	3/21/2013 14 31

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-153
Collection Date: 3/13/2013 10:53 AM

Work Order: 1303544
Lab ID: 1303544-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method. SW8260				Analyst. PC
1,1,1-Trichloroethane	U		5 0	50	µg/L	10	3/21/2013 15 20
1,1,2,2-Tetrachloroethane	U		6 0	50	µg/L	10	3/21/2013 15 20
1,1,2-Trichloroethane	**8.0**	J	**5.0**	**50**	**µg/L**	10	3/21/2013 15 20
1,1-Dichloroethane	**640**		**5.0**	**50**	**µg/L**	10	3/21/2013 15 20
1,1-Dichloroethene	**120**		**6.0**	**50**	**µg/L**	10	3/21/2013 15 20
1,2-Dichloroethane	**17,000**		**100**	**1,000**	**µg/L**	200	3/21/2013 16 35
1,2-Dichloropropane	U		5 0	50	µg/L	10	3/21/2013 15 20
2-Butanone	U		20	100	µg/L	10	3/21/2013 15 20
2-Hexanone	U		20	100	µg/L	10	3/21/2013 15 20
4-Methyl-2-pentanone	U		18	100	µg/L	10	3/21/2013 15 20
Acetone	U		30	100	µg/L	10	3/21/2013 15 20
Allyl Chloride	U		100	100	µg/L	10	3/21/2013 15 20
Benzene	**66**		**5.0**	**50**	**µg/L**	10	3/21/2013 15 20
Bromodichloromethane	U		9 0	50	µg/L	10	3/21/2013 15 20
Bromoform	U		9 0	50	µg/L	10	3/21/2013 15 20
Bromomethane	U		10	50	µg/L	10	3/21/2013 15 20
Carbon disulfide	U		20	100	µg/L	10	3/21/2013 15 20
Carbon tetrachloride	U		10	50	µg/L	10	3/21/2013 15 20
Chlorobenzene	U		5 0	50	µg/L	10	3/21/2013 15 20
Chloroethane	U		10	50	µg/L	10	3/21/2013 15 20
Chloroform	**12,000**		**200**	**1,000**	**µg/L**	200	3/21/2013 16 35
Chloromethane	U		10	50	µg/L	10	3/21/2013 15 20
cis-1,2-Dichloroethene	**2,300**		**200**	**1,000**	**µg/L**	200	3/21/2013 16 35
cis-1,3-Dichloropropene	U		5 0	50	µg/L	10	3/21/2013 15 20
Dibromochloromethane	U		9 0	50	µg/L	10	3/21/2013 15 20
Ethylbenzene	U		5 0	50	µg/L	10	3/21/2013 15 20
m,p-Xylene	U		10	100	µg/L	10	3/21/2013 15 20
Methyl tert-butyl ether	U		10	50	µg/L	10	3/21/2013 15 20
Methylene chloride	**41**	J	**10**	**100**	**µg/L**	10	3/21/2013 15 20
Naphthalene	U		10	50	µg/L	10	3/21/2013 15 20
o-Xylene	U		5 0	50	µg/L	10	3/21/2013 15 20
Styrene	U		9 0	50	µg/L	10	3/21/2013 15 20
Tert-butyl alcohol	**1,800**		**500**	**1,000**	**µg/L**	10	3/21/2013 15 20
Tetrachloroethene	**180**		**10**	**50**	**µg/L**	10	3/21/2013 15 20
Toluene	**21**	J	**5.0**	**50**	**µg/L**	10	3/21/2013 15 20
trans-1,2-Dichloroethene	**230**		**10**	**50**	**µg/L**	10	3/21/2013 15 20
trans-1,3-Dichloropropene	U		9 0	50	µg/L	10	3/21/2013 15 20
Trichloroethene	**590**		**10**	**50**	**µg/L**	10	3/21/2013 15 20

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-153
Collection Date: 3/13/2013 10:53 AM

Work Order: 1303544
Lab ID: 1303544-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**1,400**		**5.0**	**20**	**µg/L**	10	3/21/2013 15 20
Xylenes, Total	U		15	150	µg/L	10	3/21/2013 15 20
Surr 1,2-Dichloroethane-d4	*98 6*			*70-125*	*%REC*	10	3/21/2013 15 20
Surr 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	200	3/21/2013 16 35
Surr 4-Bromofluorobenzene	*95 9*			*72-125*	*%REC*	10	3/21/2013 15 20
Surr 4-Bromofluorobenzene	*98 6*			*72-125*	*%REC*	200	3/21/2013 16 35
Surr Dibromofluoromethane	*105*			*71-125*	*%REC*	10	3/21/2013 15 20
Surr Dibromofluoromethane	*108*			*71-125*	*%REC*	200	3/21/2013 16 35
Surr Toluene-d8	*98 8*			*75-125*	*%REC*	10	3/21/2013 15 20
Surr Toluene-d8	*101*			*75-125*	*%REC*	200	3/21/2013 16 35

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-127
Collection Date: 3/13/2013 11:05 AM

Work Order: 1303544
Lab ID: 1303544-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17 06
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 17 06
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17 06
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17 06
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/18/2013 17 06
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 17 06
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 17 06
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 17 06
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 17 06
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 17 06
Acetone	U		3 0	10	µg/L	1	3/18/2013 17 06
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 17 06
Benzene	U		0 50	5 0	µg/L	1	3/18/2013 17 06
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 17 06
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 17 06
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 17 06
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 17 06
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 17 06
Chlorobenzene	U		0 50	5 0	µg/L	1	3/18/2013 17 06
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 17 06
Chloroform	U		1 0	5 0	µg/L	1	3/18/2013 17 06
Chloromethane	U		1 0	5 0	µg/L	1	3/18/2013 17 06
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 06
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/18/2013 17 06
Dibromochloromethane	U		0.90	5 0	µg/L	1	3/18/2013 17 06
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 17 06
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 17 06
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/18/2013 17 06
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 17 06
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 17 06
o-Xylene	U		0 50	5 0	µg/L	1	3/18/2013 17 06
Styrene	U		0.90	5 0	µg/L	1	3/18/2013 17 06
Tert-butyl alcohol	U		50	100	µg/L	1	3/18/2013 17 06
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 06
Toluene	U		0 50	5 0	µg/L	1	3/18/2013 17 06
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 06
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/18/2013 17 06
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 17 06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-127
Collection Date: 3/13/2013 11:05 AM

Work Order: 1303544
Lab ID: 1303544-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/18/2013 17 06
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 17 06
Surr 1,2-Dichloroethane-d4	*97 9*			*70-125*	*%REC*	1	3/18/2013 17 06
Surr 4-Bromofluorobenzene	*98 1*			*72-125*	*%REC*	1	3/18/2013 17 06
Surr Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/18/2013 17 06
Surr Toluene-d8	*104*			*75-125*	*%REC*	1	3/18/2013 17 06

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-118
Collection Date: 3/13/2013 09:10 AM

Work Order: 1303544
Lab ID: 1303544-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method SW6020		Prep SW3010A / 3/18/13		Analyst: ALR
Arsenic		U	0 0013	0 00500	mg/L	1	3/18/2013 18 18
Chromium		U	0 0012	0 00500	mg/L	1	3/18/2013 18 18
Lead		U	0 00070	0 00500	mg/L	1	3/18/2013 18 18
VOLATILES - SW8260C			Method: SW8260				Analyst. PC
1,1,1-Trichloroethane		U	0 50	5 0	µg/L	1	3/19/2013 14 40
1,1,2,2-Tetrachloroethane		U	0 60	5 0	µg/L	1	3/19/2013 14 40
1,1,2-Trichloroethane		U	0 50	5 0	µg/L	1	3/19/2013 14 40
1,1-Dichloroethane		U	0 50	5 0	µg/L	1	3/19/2013 14 40
1,1-Dichloroethene		U	0 60	5 0	µg/L	1	3/19/2013 14 40
1,2-Dichloroethane		U	0 50	5 0	µg/L	1	3/19/2013 14 40
1,2-Dichloropropane		U	0 50	5 0	µg/L	1	3/19/2013 14 40
2-Butanone		U	2 0	10	µg/L	1	3/19/2013 14 40
2-Hexanone		U	2 0	10	µg/L	1	3/19/2013 14 40
4-Methyl-2-pentanone		U	1 8	10	µg/L	1	3/19/2013 14 40
Acetone		U	3 0	10	µg/L	1	3/19/2013 14 40
Allyl Chloride		U	10	10	µg/L	1	3/19/2013 14 40
Benzene		U	0 50	5 0	µg/L	1	3/19/2013 14 40
Bromodichloromethane		U	0 90	5 0	µg/L	1	3/19/2013 14 40
Bromoform		U	0 90	5 0	µg/L	1	3/19/2013 14 40
Bromomethane		U	1 0	5 0	µg/L	1	3/19/2013 14 40
Carbon disulfide		U	2 0	10	µg/L	1	3/19/2013 14 40
Carbon tetrachloride		U	1 0	5 0	µg/L	1	3/19/2013 14 40
Chlorobenzene		U	0 50	5 0	µg/L	1	3/19/2013 14 40
Chloroethane		U	1 0	5 0	µg/L	1	3/19/2013 14 40
Chloroform		U	1 0	5 0	µg/L	1	3/19/2013 14 40
Chloromethane		U	1 0	5 0	µg/L	1	3/19/2013 14 40
cis-1,2-Dichloroethene		U	1 0	5 0	µg/L	1	3/19/2013 14 40
cis-1,3-Dichloropropene		U	0 50	5 0	µg/L	1	3/19/2013 14 40
Dibromochloromethane		U	0 90	5 0	µg/L	1	3/19/2013 14 40
Ethylbenzene		U	0 50	5 0	µg/L	1	3/19/2013 14 40
m,p-Xylene		U	1 0	10	µg/L	1	3/19/2013 14 40
Methyl tert-butyl ether		U	1 0	5 0	µg/L	1	3/19/2013 14 40
Methylene chloride		U	1 0	10	µg/L	1	3/19/2013 14 40
Naphthalene		U	1 0	5 0	µg/L	1	3/19/2013 14 40
o-Xylene		U	0 50	5 0	µg/L	1	3/19/2013 14 40
Styrene		U	0 90	5 0	µg/L	1	3/19/2013 14 40
Tert-butyl alcohol		U	50	100	µg/L	1	3/19/2013 14 40
Tetrachloroethene		U	1 0	5 0	µg/L	1	3/19/2013 14 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-118
Collection Date: 3/13/2013 09:10 AM

Work Order: 1303544
Lab ID: 1303544-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 14 40
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 14 40
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 14 40
Trichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 14 40
Vinyl chloride	U		0 50	2 0	µg/L	1	3/19/2013 14 40
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 14 40
Surr 1,2-Dichloroethane-d4	*98 6*			*70-125*	*%REC*	1	3/19/2013 14.40
Surr 4-Bromofluorobenzene	*97 2*			*72-125*	*%REC*	1	3/19/2013 14 40
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/19/2013 14 40
Surr Toluene-d8	*95 3*			*75-125*	*%REC*	1	3/19/2013 14 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-118
Collection Date: 3/13/2013 09:35 AM

Work Order: 1303544
Lab ID: 1303544-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method. **SW6020**		Prep SW3010A / 3/18/13		Analyst. **ALR**
Arsenic	U		0 0013	0 00500	mg/L	1	3/18/2013 18 23
Chromium	U		0 0012	0 00500	mg/L	1	3/18/2013 18 23
Lead	U		0 00070	0 00500	mg/L	1	3/18/2013 18 23
VOLATILES - SW8260C			Method: **SW8260**				Analyst· **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 15 30
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/19/2013 15 30
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/19/2013 15 30
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/19/2013 15 30
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/19/2013 15·30
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 15 30
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/19/2013 15 30
2-Butanone	U		2 0	10	µg/L	1	3/19/2013 15 30
2-Hexanone	U		2 0	10	µg/L	1	3/19/2013 15 30
4-Methyl-2-pentanone	U		1.8	10	µg/L	1	3/19/2013 15 30
Acetone	U		3 0	10	µg/L	1	3/19/2013 15 30
Allyl Chloride	U		10	10	µg/L	1	3/19/2013 15 30
Benzene	U		0.50	5 0	µg/L	1	3/19/2013 15 30
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/19/2013 15 30
Bromoform	U		0.90	5 0	µg/L	1	3/19/2013 15 30
Bromomethane	U		1 0	5 0	µg/L	1	3/19/2013 15 30
Carbon disulfide	U		2 0	10	µg/L	1	3/19/2013 15.30
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/19/2013 15 30
Chlorobenzene	U		0.50	5 0	µg/L	1	3/19/2013 15 30
Chloroethane	U		1 0	5 0	µg/L	1	3/19/2013 15 30
Chloroform	U		1 0	5 0	µg/L	1	3/19/2013 15 30
Chloromethane	U		1 0	5 0	µg/L	1	3/19/2013 15 30
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 15 30
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/19/2013 15 30
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/19/2013 15 30
Ethylbenzene	U		0 50	5 0	µg/L	1	3/19/2013 15 30
m,p-Xylene	U		1 0	10	µg/L	1	3/19/2013 15 30
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/19/2013 15 30
Methylene chloride	U		1 0	10	µg/L	1	3/19/2013 15 30
Naphthalene	U		1 0	5 0	µg/L	1	3/19/2013 15·30
o-Xylene	U		0 50	5 0	µg/L	1	3/19/2013 15 30
Styrene	U		0 90	5 0	µg/L	1	3/19/2013 15 30
Tert-butyl alcohol	U		50	100	µg/L	1	3/19/2013 15 30
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/19/2013 15 30

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-118
Collection Date: 3/13/2013 09:35 AM

Work Order: 1303544
Lab ID: 1303544-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 15 30
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 15 30
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 15 30
Trichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 15 30
Vinyl chloride	U		0 50	2 0	µg/L	1	3/19/2013 15 30
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 15 30
Surr. 1,2-Dichloroethane-d4	*95 9*			*70-125*	*%REC*	1	3/19/2013 15 30
Surr 4-Bromofluorobenzene	*96 0*			*72-125*	*%REC*	1	3/19/2013 15 30
Surr Dibromofluoromethane	*98 2*			*71-125*	*%REC*	1	3/19/2013 15 30
Surr Toluene-d8	*93 7*			*75-125*	*%REC*	1	3/19/2013 15 30

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-101
Collection Date: 3/13/2013 10:00 AM

Work Order: 1303544
Lab ID: 1303544-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: **SW6020**		Prep SW3010A / 3/18/13		Analyst. **ALR**
Arsenic	**0.0512**		**0.0013**	**0.00500**	**mg/L**	1	3/18/2013 18 38
Chromium	U		0 0012	0 00500	mg/L	1	3/18/2013 18 38
Lead	U		0 00070	0 00500	mg/L	1	3/18/2013 18 38
VOLATILES - SW8260C			Method: **SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 17 11
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/19/2013 17 11
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 17 11
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/19/2013 17 11
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/19/2013 17.11
1,2-Dichloroethane	U		0 50	5.0	µg/L	1	3/19/2013 17 11
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/19/2013 17 11
2-Butanone	U		2 0	10	µg/L	1	3/19/2013 17 11
2-Hexanone	U		2 0	10	µg/L	1	3/19/2013 17 11
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/19/2013 17 11
Acetone	U		3 0	10	µg/L	1	3/19/2013 17 11
Allyl Chloride	U		10	10	µg/L	1	3/19/2013 17 11
Benzene	**17**		**0.50**	**5.0**	**µg/L**	1	3/19/2013 17 11
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/19/2013 17 11
Bromoform	U		0.90	5 0	µg/L	1	3/19/2013 17 11
Bromomethane	U		1 0	5 0	µg/L	1	3/19/2013 17 11
Carbon disulfide	U		2 0	10	µg/L	1	3/19/2013 17 11
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/19/2013 17 11
Chlorobenzene	U		0 50	5 0	µg/L	1	3/19/2013 17 11
Chloroethane	U		1.0	5 0	µg/L	1	3/19/2013 17 11
Chloroform	U		1 0	5 0	µg/L	1	3/19/2013 17 11
Chloromethane	U		1 0	5 0	µg/L	1	3/19/2013 17 11
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 17 11
cis-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	3/19/2013 17 11
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/19/2013 17·11
Ethylbenzene	U		0 50	5 0	µg/L	1	3/19/2013 17 11
m,p-Xylene	U		1 0	10	µg/L	1	3/19/2013 17 11
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/19/2013 17 11
Methylene chloride	U		1 0	10	µg/L	1	3/19/2013 17 11
Naphthalene	U		1 0	5 0	µg/L	1	3/19/2013 17 11
o-Xylene	U		0 50	5 0	µg/L	1	3/19/2013 17 11
Styrene	U		0 90	5 0	µg/L	1	3/19/2013 17 11
Tert-butyl alcohol	**20,000**		**500**	**1,000**	**µg/L**	10	3/20/2013 14 29
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/19/2013 17 11

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-101
Collection Date: 3/13/2013 10:00 AM

Work Order: 1303544
Lab ID: 1303544-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 17 11
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 17 11
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 17 11
Trichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 17 11
Vinyl chloride	U		0 50	2 0	µg/L	1	3/19/2013 17 11
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 17 11
Surr 1,2-Dichloroethane-d4	*99 8*			*70-125*	*%REC*	1	3/19/2013 17.11
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	10	3/20/2013 14 29
Surr 4-Bromofluorobenzene	*93 2*			*72-125*	*%REC*	1	3/19/2013 17 11
Surr 4-Bromofluorobenzene	*96 4*			*72-125*	*%REC*	10	3/20/2013 14 29
Surr Dibromofluoromethane	*100*			*71-125*	*%REC*	1	3/19/2013 17 11
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	10	3/20/2013 14 29
Surr Toluene-d8	*94 1*			*75-125*	*%REC*	1	3/19/2013 17 11
Surr Toluene-d8	*97 3*			*75-125*	*%REC*	10	3/20/2013 14 29

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-162
Collection Date: 3/13/2013 10:25 AM

Work Order: 1303544
Lab ID: 1303544-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 18 26
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/19/2013 18 26
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 18 26
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 18 26
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/19/2013 18 26
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 18 26
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/19/2013 18 26
2-Butanone	U		2 0	10	µg/L	1	3/19/2013 18 26
2-Hexanone	U		2 0	10	µg/L	1	3/19/2013 18 26
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/19/2013 18 26
Acetone	U		3 0	10	µg/L	1	3/19/2013 18 26
Allyl Chloride	U		10	10	µg/L	1	3/19/2013 18 26
Benzene	U		0 50	5 0	µg/L	1	3/19/2013 18 26
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/19/2013 18 26
Bromoform	U		0 90	5 0	µg/L	1	3/19/2013 18 26
Bromomethane	U		1 0	5 0	µg/L	1	3/19/2013 18 26
Carbon disulfide	U		2 0	10	µg/L	1	3/19/2013 18 26
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/19/2013 18 26
Chlorobenzene	U		0 50	5 0	µg/L	1	3/19/2013 18 26
Chloroethane	U		1 0	5 0	µg/L	1	3/19/2013 18 26
Chloroform	U		1 0	5 0	µg/L	1	3/19/2013 18 26
Chloromethane	U		1 0	5 0	µg/L	1	3/19/2013 18 26
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 18 26
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/19/2013 18 26
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/19/2013 18 26
Ethylbenzene	U		0 50	5 0	µg/L	1	3/19/2013 18 26
m,p-Xylene	U		1 0	10	µg/L	1	3/19/2013 18 26
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/19/2013 18 26
Methylene chloride	U		1 0	10	µg/L	1	3/19/2013 18 26
Naphthalene	U		1 0	5 0	µg/L	1	3/19/2013 18 26
o-Xylene	U		0 50	5 0	µg/L	1	3/19/2013 18 26
Styrene	U		0 90	5.0	µg/L	1	3/19/2013 18 26
Tert-butyl alcohol	**190**		**50**	**100**	**µg/L**	1	3/19/2013 18 26
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/19/2013 18 26
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 18 26
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 18 26
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 18 26
Trichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 18 26

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-162
Collection Date: 3/13/2013 10:25 AM

Work Order: 1303544
Lab ID: 1303544-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/19/2013 18 26
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 18 26
Surr: 1,2-Dichloroethane-d4	*96 3*			*70-125*	*%REC*	1	3/19/2013 18 26
Surr: 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/19/2013 18 26
Surr: Dibromofluoromethane	*98 3*			*71-125*	*%REC*	1	3/19/2013 18 26
Surr: Toluene-d8	*102*			*75-125*	*%REC*	1	3/19/2013 18 26

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-059-P-2
Collection Date: 3/13/2013 10:50 AM

Work Order: 1303544
Lab ID: 1303544-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: **SW6020**		Prep SW3010A / 3/18/13		Analyst **ALR**
Arsenic	**0.128**		**0.0013**	**0.00500**	**mg/L**	1	3/18/2013 18 43
Chromium	U		0 0012	0 00500	mg/L	1	3/18/2013 18 43
Lead	U		0 00070	0 00500	mg/L	1	3/18/2013 18 43
VOLATILES - SW8260C			Method: **SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 16 19
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/19/2013 16 19
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 16 19
1,1-Dichloroethane	U		0.50	5 0	µg/L	1	3/19/2013 16 19
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/19/2013 16 19
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 16 19
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/19/2013 16 19
2-Butanone	U		2 0	10	µg/L	1	3/19/2013 16 19
2-Hexanone	U		2 0	10	µg/L	1	3/19/2013 16 19
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/19/2013 16 19
Acetone	U		3 0	10	µg/L	1	3/19/2013 16 19
Allyl Chloride	U		10	10	µg/L	1	3/19/2013 16 19
Benzene	U		0 50	5 0	µg/L	1	3/19/2013 16 19
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/19/2013 16 19
Bromoform	U		0 90	5 0	µg/L	1	3/19/2013 16 19
Bromomethane	U		1 0	5 0	µg/L	1	3/19/2013 16 19
Carbon disulfide	U		2 0	10	µg/L	1	3/19/2013 16 19
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/19/2013 16 19
Chlorobenzene	U		0 50	5 0	µg/L	1	3/19/2013 16 19
Chloroethane	U		1 0	5 0	µg/L	1	3/19/2013 16 19
Chloroform	U		1 0	5 0	µg/L	1	3/19/2013 16 19
Chloromethane	U		1 0	5 0	µg/L	1	3/19/2013 16 19
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 16 19
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/19/2013 16 19
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/19/2013 16 19
Ethylbenzene	U		0 50	5 0	µg/L	1	3/19/2013 16 19
m,p-Xylene	U		1 0	10	µg/L	1	3/19/2013 16 19
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/19/2013 16 19
Methylene chloride	U		1 0	10	µg/L	1	3/19/2013 16 19
Naphthalene	U		1 0	5 0	µg/L	1	3/19/2013 16 19
o-Xylene	U		0 50	5 0	µg/L	1	3/19/2013 16 19
Styrene	U		0.90	5 0	µg/L	1	3/19/2013 16 19
Tert-butyl alcohol	**640**		**50**	**100**	**µg/L**	1	3/19/2013 16 19
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/19/2013 16 19

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-059-P-2
Collection Date: 3/13/2013 10:50 AM

Work Order: 1303544
Lab ID: 1303544-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 16 19
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 16 19
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 16 19
Trichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 16 19
Vinyl chloride	U		0 50	2 0	µg/L	1	3/19/2013 16 19
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 16 19
Surr 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	1	3/19/2013 16 19
Surr 4-Bromofluorobenzene	*98 9*			*72-125*	*%REC*	1	3/19/2013 16 19
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	1	3/19/2013 16 19
Surr. Toluene-d8	*92 7*			*75-125*	*%REC*	1	3/19/2013 16 19

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-060-P-3
Collection Date: 3/13/2013 11:15 AM

Work Order: 1303544
Lab ID: 1303544-11
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 13 30
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/20/2013 13 30
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 13 30
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 13 30
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/20/2013 13 30
1,2-Dichloroethane	U		0 50	5.0	µg/L	1	3/20/2013 13 30
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/20/2013 13 30
2-Butanone	U		2 0	10	µg/L	1	3/20/2013 13 30
2-Hexanone	U		2 0	10	µg/L	1	3/20/2013 13 30
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/20/2013 13 30
Acetone	U		3 0	10	µg/L	1	3/20/2013 13 30
Allyl Chloride	U		10	10	µg/L	1	3/20/2013 13 30
Benzene	U		0.50	5 0	µg/L	1	3/20/2013 13 30
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/20/2013 13 30
Bromoform	U		0.90	5 0	µg/L	1	3/20/2013 13 30
Bromomethane	U		1 0	5 0	µg/L	1	3/20/2013 13 30
Carbon disulfide	U		2 0	10	µg/L	1	3/20/2013 13 30
Carbon tetrachloride	U		1.0	5 0	µg/L	1	3/20/2013 13 30
Chlorobenzene	U		0 50	5 0	µg/L	1	3/20/2013 13 30
Chloroethane	U		1.0	5 0	µg/L	1	3/20/2013 13 30
Chloroform	U		1 0	5 0	µg/L	1	3/20/2013 13 30
Chloromethane	U		1 0	5 0	µg/L	1	3/20/2013 13 30
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 13 30
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/20/2013 13 30
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/20/2013 13 30
Ethylbenzene	U		0 50	5 0	µg/L	1	3/20/2013 13 30
m,p-Xylene	U		1 0	10	µg/L	1	3/20/2013 13 30
Methyl tert-butyl ether	**1.1**	**J**	**1.0**	**5.0**	**µg/L**	1	3/20/2013 13 30
Methylene chloride	U		1 0	10	µg/L	1	3/20/2013 13 30
Naphthalene	U		1 0	5 0	µg/L	1	3/20/2013 13 30
o-Xylene	U		0 50	5 0	µg/L	1	3/20/2013 13 30
Styrene	U		0 90	5 0	µg/L	1	3/20/2013 13 30
Tert-butyl alcohol	**2,500**		**50**	**100**	**µg/L**	1	3/20/2013 13 30
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/20/2013 13 30
Toluene	U		0 50	5 0	µg/L	1	3/20/2013 13 30
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 13 30
trans-1,3-Dichloropropene	U		0 90	5.0	µg/L	1	3/20/2013 13 30
Trichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 13 30

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-060-P-3
Collection Date: 3/13/2013 11:15 AM

Work Order: 1303544
Lab ID: 1303544-11
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/20/2013 13 30
Xylenes, Total	U		1 5	15	µg/L	1	3/20/2013 13 30
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	3/20/2013 13 30
Surr 4-Bromofluorobenzene	*94 3*			*72-125*	*%REC*	1	3/20/2013 13 30
Surr Dibromofluoromethane	*109*			*71-125*	*%REC*	1	3/20/2013 13 30
Surr Toluene-d8	*94.0*			*75-125*	*%REC*	1	3/20/2013 13 30

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-164
Collection Date: 3/13/2013 09:20 AM

Work Order: 1303544
Lab ID: 1303544-12
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst PC
1,1,1-Trichloroethane	U		0.50	5 0	µg/L	1	3/20/2013 14 44
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/20/2013 14 44
1,1,2-Trichloroethane	U		0.50	5 0	µg/L	1	3/20/2013 14 44
1,1-Dichloroethane	**14**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 14 44
1,1-Dichloroethene	**0.92**	J	**0.60**	**5.0**	**µg/L**	1	3/20/2013 14 44
1,2-Dichloroethane	**5.2**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 14 44
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/20/2013 14.44
2-Butanone	U		2 0	10	µg/L	1	3/20/2013 14 44
2-Hexanone	U		2 0	10	µg/L	1	3/20/2013 14 44
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/20/2013 14 44
Acetone	U		3 0	10	µg/L	1	3/20/2013 14 44
Allyl Chloride	U		10	10	µg/L	1	3/20/2013 14 44
Benzene	**44**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 14 44
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/20/2013 14 44
Bromoform	U		0 90	5 0	µg/L	1	3/20/2013 14 44
Bromomethane	U		1 0	5 0	µg/L	1	3/20/2013 14 44
Carbon disulfide	U		2 0	10	µg/L	1	3/20/2013 14 44
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/20/2013 14 44
Chlorobenzene	U		0 50	5 0	µg/L	1	3/20/2013 14 44
Chloroethane	**2.1**	J	**1.0**	**5.0**	**µg/L**	1	3/20/2013 14 44
Chloroform	U		1 0	5 0	µg/L	1	3/20/2013 14 44
Chloromethane	U		1 0	5 0	µg/L	1	3/20/2013 14 44
cis-1,2-Dichloroethene	**22**		**1.0**	**5.0**	**µg/L**	1	3/20/2013 14 44
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/20/2013 14 44
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/20/2013 14 44
Ethylbenzene	U		0 50	5 0	µg/L	1	3/20/2013 14 44
m,p-Xylene	**1.1**	J	**1.0**	**10**	**µg/L**	1	3/20/2013 14 44
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/20/2013 14 44
Methylene chloride	U		1 0	10	µg/L	1	3/20/2013 14 44
Naphthalene	U		1 0	5 0	µg/L	1	3/20/2013 14 44
o-Xylene	U		0 50	5 0	µg/L	1	3/20/2013 14 44
Styrene	U		0 90	5 0	µg/L	1	3/20/2013 14 44
Tert-butyl alcohol	**13,000**		**500**	**1,000**	**µg/L**	10	3/20/2013 22 39
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/20/2013 14 44
Toluene	**0.75**	J	**0.50**	**5.0**	**µg/L**	1	3/20/2013 14 44
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 14 44
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/20/2013 14 44
Trichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 14 44

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-164
Collection Date: 3/13/2013 09:20 AM

Work Order: 1303544
Lab ID: 1303544-12
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**50**		**0.50**	**2.0**	**µg/L**	1	3/20/2013 14 44
Xylenes, Total	U		1 5	15	µg/L	1	3/20/2013 14 44
Surr 1,2-Dichloroethane-d4	*93 6*			*70-125*	*%REC*	1	3/20/2013 14 44
Surr 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	10	3/20/2013 22 39
Surr 4-Bromofluorobenzene	*103*			*72-125*	*%REC*	1	3/20/2013 14 44
Surr 4-Bromofluorobenzene	*100*			*72-125*	*%REC*	10	3/20/2013 22 39
Surr Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/20/2013 14 44
Surr Dibromofluoromethane	*99 6*			*71-125*	*%REC*	10	3/20/2013 22 39
Surr Toluene-d8	*102*			*75-125*	*%REC*	1	3/20/2013 14 44
Surr Toluene-d8	*98 9*			*75-125*	*%REC*	10	3/20/2013 22 39

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-169
Collection Date: 3/13/2013 10:05 AM

Work Order: 1303544
Lab ID: 1303544-13
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 19 40
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/19/2013 19 40
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 19 40
1,1-Dichloroethane	**4.9**	J	**0.50**	**5.0**	**µg/L**	1	3/19/2013 19 40
1,1-Dichloroethene	**2.1**	J	**0.60**	**5.0**	**µg/L**	1	3/19/2013 19 40
1,2-Dichloroethane	**6.7**		**0.50**	**5.0**	**µg/L**	1	3/19/2013 19 40
1,2-Dichloropropane	U		0.50	5 0	µg/L	1	3/19/2013 19 40
2-Butanone	U		2 0	10	µg/L	1	3/19/2013 19 40
2-Hexanone	U		2 0	10	µg/L	1	3/19/2013 19 40
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/19/2013 19 40
Acetone	U		3 0	10	µg/L	1	3/19/2013 19 40
Allyl Chloride	U		10	10	µg/L	1	3/19/2013 19 40
Benzene	**8.7**		**0.50**	**5.0**	**µg/L**	1	3/19/2013 19 40
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/19/2013 19 40
Bromoform	U		0.90	5 0	µg/L	1	3/19/2013 19 40
Bromomethane	U		1 0	5 0	µg/L	1	3/19/2013 19 40
Carbon disulfide	U		2 0	10	µg/L	1	3/19/2013 19 40
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/19/2013 19 40
Chlorobenzene	U		0 50	5 0	µg/L	1	3/19/2013 19 40
Chloroethane	U		1 0	5 0	µg/L	1	3/19/2013 19 40
Chloroform	U		1 0	5 0	µg/L	1	3/19/2013 19 40
Chloromethane	U		1 0	5 0	µg/L	1	3/19/2013 19 40
cis-1,2-Dichloroethene	**8.0**		**1.0**	**5.0**	**µg/L**	1	3/19/2013 19 40
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/19/2013 19 40
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/19/2013 19 40
Ethylbenzene	U		0 50	5 0	µg/L	1	3/19/2013 19 40
m,p-Xylene	U		1 0	10	µg/L	1	3/19/2013 19 40
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/19/2013 19 40
Methylene chloride	U		1 0	10	µg/L	1	3/19/2013 19 40
Naphthalene	U		1 0	5 0	µg/L	1	3/19/2013 19 40
o-Xylene	U		0 50	5 0	µg/L	1	3/19/2013 19 40
Styrene	U		0 90	5 0	µg/L	1	3/19/2013 19 40
Tert-butyl alcohol	**37,000**		**1,000**	**2,000**	**µg/L**	20	3/20/2013 20 28
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/19/2013 19 40
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 19 40
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 19 40
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 19 40
Trichloroethene	**5.1**		**1.0**	**5.0**	**µg/L**	1	3/19/2013 19 40

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-169
Collection Date: 3/13/2013 10:05 AM

Work Order: 1303544
Lab ID: 1303544-13
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**5.7**		**0.50**	**2.0**	**µg/L**	1	3/19/2013 19 40
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 19 40
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	3/19/2013 19 40
Surr 1,2-Dichloroethane-d4	*106*			*70-125*	*%REC*	20	3/20/2013 20 28
Surr 4-Bromofluorobenzene	*102*			*72-125*	*%REC*	1	3/19/2013 19 40
Surr 4-Bromofluorobenzene	*99 6*			*72-125*	*%REC*	20	3/20/2013 20 28
Surr Dibromofluoromethane	*103*			*71-125*	*%REC*	1	3/19/2013 19 40
Surr Dibromofluoromethane	*102*			*71-125*	*%REC*	20	3/20/2013 20 28
Surr Toluene-d8	*97 7*			*75-125*	*%REC*	1	3/19/2013 19 40
Surr Toluene-d8	*97 4*			*75-125*	*%REC*	20	3/20/2013 20 28

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-169 Dup
Collection Date: 3/13/2013 10:10 AM

Work Order: 1303544
Lab ID: 1303544-14
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 20 54
1,1,2,2-Tetrachloroethane	U		0.60	5 0	µg/L	1	3/19/2013 20 54
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/19/2013 20.54
1,1-Dichloroethane	**5.2**		**0.50**	**5.0**	**µg/L**	1	3/19/2013 20 54
1,1-Dichloroethene	**2.2**	J	**0.60**	**5.0**	**µg/L**	1	3/19/2013 20 54
1,2-Dichloroethane	**6.8**		**0.50**	**5.0**	**µg/L**	1	3/19/2013 20 54
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/19/2013 20 54
2-Butanone	U		2 0	10	µg/L	1	3/19/2013 20 54
2-Hexanone	U		2 0	10	µg/L	1	3/19/2013 20 54
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/19/2013 20 54
Acetone	U		3 0	10	µg/L	1	3/19/2013 20 54
Allyl Chloride	U		10	10	µg/L	1	3/19/2013 20 54
Benzene	**8.9**		**0.50**	**5.0**	**µg/L**	1	3/19/2013 20 54
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/19/2013 20 54
Bromoform	U		0.90	5 0	µg/L	1	3/19/2013 20 54
Bromomethane	U		1 0	5 0	µg/L	1	3/19/2013 20 54
Carbon disulfide	U		2 0	10	µg/L	1	3/19/2013 20 54
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/19/2013 20 54
Chlorobenzene	U		0 50	5 0	µg/L	1	3/19/2013 20 54
Chloroethane	U		1 0	5 0	µg/L	1	3/19/2013 20 54
Chloroform	U		1.0	5 0	µg/L	1	3/19/2013 20 54
Chloromethane	U		1 0	5 0	µg/L	1	3/19/2013 20 54
cis-1,2-Dichloroethene	**8.2**		**1.0**	**5.0**	**µg/L**	1	3/19/2013 20 54
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/19/2013 20 54
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/19/2013 20 54
Ethylbenzene	U		0.50	5 0	µg/L	1	3/19/2013 20 54
m,p-Xylene	U		1 0	10	µg/L	1	3/19/2013 20 54
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/19/2013 20 54
Methylene chloride	U		1 0	10	µg/L	1	3/19/2013 20 54
Naphthalene	U		1 0	5 0	µg/L	1	3/19/2013 20 54
o-Xylene	U		0 50	5 0	µg/L	1	3/19/2013 20 54
Styrene	U		0 90	5 0	µg/L	1	3/19/2013 20 54
Tert-butyl alcohol	**39,000**		**1,000**	**2,000**	**µg/L**	20	3/20/2013 21 20
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/19/2013 20 54
Toluene	U		0 50	5 0	µg/L	1	3/19/2013 20 54
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/19/2013 20 54
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/19/2013 20 54
Trichloroethene	**5.4**		**1.0**	**5.0**	**µg/L**	1	3/19/2013 20 54

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: INT-169 Dup
Collection Date: 3/13/2013 10:10 AM

Work Order: 1303544
Lab ID: 1303544-14
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**6.1**		**0.50**	**2.0**	**µg/L**	1	3/19/2013 20 54
Xylenes, Total	U		1 5	15	µg/L	1	3/19/2013 20 54
Surr 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	1	3/19/2013 20 54
Surr 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	20	3/20/2013 21 20
Surr 4-Bromofluorobenzene	*105*			*72-125*	*%REC*	1	3/19/2013 20 54
Surr 4-Bromofluorobenzene	*104*			*72-125*	*%REC*	20	3/20/2013 21 20
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/19/2013 20 54
Surr Dibromofluoromethane	*99 2*			*71-125*	*%REC*	20	3/20/2013 21 20
Surr Toluene-d8	*96 5*			*75-125*	*%REC*	1	3/19/2013 20 54
Surr Toluene-d8	*101*			*75-125*	*%REC*	20	3/20/2013 21 20

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-159
Collection Date: 3/13/2013 10:45 AM

Work Order: 1303544
Lab ID: 1303544-15
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 22 10
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/20/2013 22 10
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 22 10
1,1-Dichloroethane	**140**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 22 10
1,1-Dichloroethene	**20**		**0.60**	**5.0**	**µg/L**	1	3/20/2013 22 10
1,2-Dichloroethane	**720**		**5.0**	**50**	**µg/L**	10	3/21/2013 16 21
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/20/2013 22 10
2-Butanone	U		2 0	10	µg/L	1	3/20/2013 22.10
2-Hexanone	U		2 0	10	µg/L	1	3/20/2013 22 10
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/20/2013 22 10
Acetone	U		3 0	10	µg/L	1	3/20/2013 22 10
Allyl Chloride	U		10	10	µg/L	1	3/20/2013 22 10
Benzene	**32**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 22 10
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/20/2013 22 10
Bromoform	U		0 90	5 0	µg/L	1	3/20/2013 22 10
Bromomethane	U		1 0	5 0	µg/L	1	3/20/2013 22 10
Carbon disulfide	U		2 0	10	µg/L	1	3/20/2013 22 10
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/20/2013 22 10
Chlorobenzene	U		0 50	5 0	µg/L	1	3/20/2013 22 10
Chloroethane	U		1 0	5 0	µg/L	1	3/20/2013 22 10
Chloroform	U		1.0	5 0	µg/L	1	3/20/2013 22 10
Chloromethane	U		1 0	5 0	µg/L	1	3/20/2013 22 10
cis-1,2-Dichloroethene	**240**		**10**	**50**	**µg/L**	10	3/21/2013 16 21
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/20/2013 22 10
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/20/2013 22 10
Ethylbenzene	U		0 50	5 0	µg/L	1	3/20/2013 22 10
m,p-Xylene	U		1 0	10	µg/L	1	3/20/2013 22 10
Methyl tert-butyl ether	**2.7**	J	**1.0**	**5.0**	**µg/L**	1	3/20/2013 22 10
Methylene chloride	U		1 0	10	µg/L	1	3/20/2013 22 10
Naphthalene	U		1 0	5 0	µg/L	1	3/20/2013 22 10
o-Xylene	**2.5**	J	**0.50**	**5.0**	**µg/L**	1	3/20/2013 22 10
Styrene	U		0 90	5 0	µg/L	1	3/20/2013 22 10
Tert-butyl alcohol	**8,700**		**500**	**1,000**	**µg/L**	10	3/21/2013 16 21
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/20/2013 22 10
Toluene	**1.9**	J	**0.50**	**5.0**	**µg/L**	1	3/20/2013 22 10
trans-1,2-Dichloroethene	**1.0**	J	**1.0**	**5.0**	**µg/L**	1	3/20/2013 22 10
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/20/2013 22 10
Trichloroethene	**2.2**	J	**1.0**	**5.0**	**µg/L**	1	3/20/2013 22 10

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-159
Collection Date: 3/13/2013 10:45 AM

Work Order: 1303544
Lab ID: 1303544-15
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**360**		**5.0**	**20**	**µg/L**	10	3/21/2013 16 21
Xylenes, Total	**2.5**	J	**1.5**	**15**	**µg/L**	1	3/20/2013 22 10
Surr 1,2-Dichloroethane-d4	*98 8*			*70-125*	*%REC*	1	3/20/2013 22 10
Surr 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	10	3/21/2013 16 21
Surr 4-Bromofluorobenzene	*97 1*			*72-125*	*%REC*	1	3/20/2013 22 10
Surr 4-Bromofluorobenzene	*98 8*			*72-125*	*%REC*	10	3/21/2013 16 21
Surr Dibromofluoromethane	*104*			*71-125*	*%REC*	1	3/20/2013 22 10
Surr Dibromofluoromethane	*103*			*71-125*	*%REC*	10	3/21/2013 16 21
Surr Toluene-d8	*97 7*			*75-125*	*%REC*	1	3/20/2013 22 10
Surr Toluene-d8	*96 5*			*75-125*	*%REC*	10	3/21/2013 16 21

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-105
Collection Date: 3/13/2013 11:35 AM

Work Order: 1303544
Lab ID: 1303544-16
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 19 17
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/20/2013 19 17
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 19 17
1,1-Dichloroethane	**31**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 19 17
1,1-Dichloroethene	**0.63**	J	**0.60**	**5.0**	**µg/L**	1	3/20/2013 19 17
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/20/2013 19 17
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/20/2013 19 17
2-Butanone	U		2 0	10	µg/L	1	3/20/2013 19 17
2-Hexanone	U		2 0	10	µg/L	1	3/20/2013 19 17
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/20/2013 19 17
Acetone	U		3 0	10	µg/L	1	3/20/2013 19 17
Allyl Chloride	U		10	10	µg/L	1	3/20/2013 19 17
Benzene	**11**		**0.50**	**5.0**	**µg/L**	1	3/20/2013 19 17
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/20/2013 19 17
Bromoform	U		0 90	5 0	µg/L	1	3/20/2013 19 17
Bromomethane	U		1 0	5 0	µg/L	1	3/20/2013 19 17
Carbon disulfide	U		2 0	10	µg/L	1	3/20/2013 19 17
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/20/2013 19 17
Chlorobenzene	**1.2**	J	**0.50**	**5.0**	**µg/L**	1	3/20/2013 19 17
Chloroethane	U		1 0	5 0	µg/L	1	3/20/2013 19 17
Chloroform	U		1 0	5 0	µg/L	1	3/20/2013 19 17
Chloromethane	U		1 0	5 0	µg/L	1	3/20/2013 19 17
cis-1,2-Dichloroethene	**5.4**		**1.0**	**5.0**	**µg/L**	1	3/20/2013 19 17
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/20/2013 19 17
Dibromochloromethane	U		0.90	5.0	µg/L	1	3/20/2013 19 17
Ethylbenzene	U		0 50	5 0	µg/L	1	3/20/2013 19 17
m,p-Xylene	U		1 0	10	µg/L	1	3/20/2013 19 17
Methyl tert-butyl ether	**1.2**	J	**1.0**	**5.0**	**µg/L**	1	3/20/2013 19 17
Methylene chloride	U		1 0	10	µg/L	1	3/20/2013 19 17
Naphthalene	U		1 0	5 0	µg/L	1	3/20/2013 19 17
o-Xylene	U		0 50	5 0	µg/L	1	3/20/2013 19 17
Styrene	U		0 90	5 0	µg/L	1	3/20/2013 19 17
Tert-butyl alcohol	**3,500**		**50**	**100**	**µg/L**	1	3/20/2013 19 17
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/20/2013 19 17
Toluene	U		0 50	5 0	µg/L	1	3/20/2013 19 17
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 19 17
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/20/2013 19 17
Trichloroethene	U		1 0	5 0	µg/L	1	3/20/2013 19 17

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-105
Collection Date: 3/13/2013 11:35 AM

Work Order: 1303544
Lab ID: 1303544-16
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**22**		**0.50**	**2.0**	**µg/L**	1	3/20/2013 19 17
Xylenes, Total	U		1 5	15	µg/L	1	3/20/2013 19 17
Surr 1,2-Dichloroethane-d4	*99 8*			*70-125*	*%REC*	1	3/20/2013 19 17
Surr: 4-Bromofluorobenzene	*99 6*			*72-125*	*%REC*	1	3/20/2013 19 17
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/20/2013 19 17
Surr: Toluene-d8	*91 7*			*75-125*	*%REC*	1	3/20/2013 19 17

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-136
Collection Date: 3/13/2013 02:45 PM

Work Order: 1303544
Lab ID: 1303544-17
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method: SW8260					Analyst: PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 11 45
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/18/2013 11.45
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/18/2013 11 45
1,1-Dichloroethane	**6.8**		**0.50**	**5.0**	**µg/L**	1	3/18/2013 11 45
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/18/2013 11 45
1,2-Dichloroethane	**3.1**	J	**0.50**	**5.0**	**µg/L**	1	3/18/2013 11 45
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/18/2013 11 45
2-Butanone	U		2 0	10	µg/L	1	3/18/2013 11 45
2-Hexanone	U		2 0	10	µg/L	1	3/18/2013 11 45
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/18/2013 11 45
Acetone	U		3 0	10	µg/L	1	3/18/2013 11 45
Allyl Chloride	U		10	10	µg/L	1	3/18/2013 11 45
Benzene	**1.6**	J	**0.50**	**5.0**	**µg/L**	1	3/18/2013 11 45
Bromodichloromethane	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Bromoform	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Bromomethane	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Carbon disulfide	U		2 0	10	µg/L	1	3/18/2013 11 45
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Chlorobenzene	**3.1**	J	**0.50**	**5.0**	**µg/L**	1	3/18/2013 11 45
Chloroethane	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Chloroform	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Chloromethane	U		1 0	5 0	µg/L	1	3/18/2013 11 45
cis-1,2-Dichloroethene	**3.7**	J	**1.0**	**5.0**	**µg/L**	1	3/18/2013 11 45
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Ethylbenzene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
m,p-Xylene	U		1 0	10	µg/L	1	3/18/2013 11 45
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Methylene chloride	U		1 0	10	µg/L	1	3/18/2013 11 45
Naphthalene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
o-Xylene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
Styrene	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Tert-butyl alcohol	**11,000**		**500**	**1,000**	**µg/L**	10	3/19/2013 20 16
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
Toluene	U		0 50	5 0	µg/L	1	3/18/2013 11 45
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/18/2013 11 45
Trichloroethene	U		1 0	5 0	µg/L	1	3/18/2013 11 45

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: S1-136
Collection Date: 3/13/2013 02:45 PM

Work Order: 1303544
Lab ID: 1303544-17
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	**2.2**		**0.50**	**2.0**	**µg/L**	1	3/18/2013 11 45
Xylenes, Total	U		1 5	15	µg/L	1	3/18/2013 11 45
Surr 1,2-Dichloroethane-d4	*98 3*			*70-125*	*%REC*	1	3/18/2013 11 45
Surr 1,2-Dichloroethane-d4	*107*			*70-125*	*%REC*	10	3/19/2013 20 16
Surr 4-Bromofluorobenzene	*94 1*			*72-125*	*%REC*	1	3/18/2013 11 45
Surr: 4-Bromofluorobenzene	*101*			*72-125*	*%REC*	10	3/19/2013 20 16
Surr Dibromofluoromethane	*101*			*71-125*	*%REC*	1	3/18/2013 11.45
Surr: Dibromofluoromethane	*101*			*71-125*	*%REC*	10	3/19/2013 20 16
Surr: Toluene-d8	*99 9*			*75-125*	*%REC*	1	3/18/2013 11 45
Surr Toluene-d8	*99 8*			*75-125*	*%REC*	10	3/19/2013 20 16

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: Trip Blank - 022713-74
Collection Date: 3/13/2013

Work Order: 1303544
Lab ID: 1303544-18
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES - SW8260C		Method SW8260					Analyst PC
1,1,1-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 49
1,1,2,2-Tetrachloroethane	U		0 60	5 0	µg/L	1	3/17/2013 16 49
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 49
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 49
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	3/17/2013 16 49
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	3/17/2013 16 49
1,2-Dichloropropane	U		0 50	5 0	µg/L	1	3/17/2013 16 49
2-Butanone	U		2 0	10	µg/L	1	3/17/2013 16 49
2-Hexanone	U		2 0	10	µg/L	1	3/17/2013 16 49
4-Methyl-2-pentanone	U		1 8	10	µg/L	1	3/17/2013 16 49
Acetone	U		3 0	10	µg/L	1	3/17/2013 16 49
Allyl Chloride	U		10	10	µg/L	1	3/17/2013 16 49
Benzene	U		0.50	5 0	µg/L	1	3/17/2013 16.49
Bromodichloromethane	U		0.90	5 0	µg/L	1	3/17/2013 16 49
Bromoform	U		0 90	5 0	µg/L	1	3/17/2013 16 49
Bromomethane	U		1 0	5 0	µg/L	1	3/17/2013 16 49
Carbon disulfide	U		2 0	10	µg/L	1	3/17/2013 16 49
Carbon tetrachloride	U		1 0	5 0	µg/L	1	3/17/2013 16 49
Chlorobenzene	U		0.50	5 0	µg/L	1	3/17/2013 16 49
Chloroethane	U		1 0	5 0	µg/L	1	3/17/2013 16 49
Chloroform	U		1 0	5 0	µg/L	1	3/17/2013 16 49
Chloromethane	U		1 0	5 0	µg/L	1	3/17/2013 16 49
cis-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 49
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	3/17/2013 16 49
Dibromochloromethane	U		0 90	5 0	µg/L	1	3/17/2013 16 49
Ethylbenzene	U		0 50	5 0	µg/L	1	3/17/2013 16 49
m,p-Xylene	U		1 0	10	µg/L	1	3/17/2013 16 49
Methyl tert-butyl ether	U		1 0	5 0	µg/L	1	3/17/2013 16 49
Methylene chloride	U		1 0	10	µg/L	1	3/17/2013 16 49
Naphthalene	U		1 0	5 0	µg/L	1	3/17/2013 16 49
o-Xylene	U		0 50	5 0	µg/L	1	3/17/2013 16 49
Styrene	U		0 90	5 0	µg/L	1	3/17/2013 16 49
Tert-butyl alcohol	U		50	100	µg/L	1	3/17/2013 16 49
Tetrachloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 49
Toluene	U		0 50	5 0	µg/L	1	3/17/2013 16.49
trans-1,2-Dichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 49
trans-1,3-Dichloropropene	U		0 90	5 0	µg/L	1	3/17/2013 16 49
Trichloroethene	U		1 0	5 0	µg/L	1	3/17/2013 16 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: *22-Mar-13*

Client: Environmental Resources Management
Project: FLTG 0184582-B
Sample ID: Trip Blank - 022713-74
Collection Date: 3/13/2013

Work Order: 1303544
Lab ID: 1303544-18
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0 50	2 0	µg/L	1	3/17/2013 16 49
Xylenes, Total	U		1 5	15	µg/L	1	3/17/2013 16 49
Surr· 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	3/17/2013 16 49
Surr: 4-Bromofluorobenzene	*99 1*			*72-125*	*%REC*	1	3/17/2013 16 49
Surr· Dibromofluoromethane	*97 9*			*71-125*	*%REC*	1	3/17/2013 16 49
Surr: Toluene-d8	*97 4*			*75-125*	*%REC*	1	3/17/2013 16 49

Note: See Qualifiers Page for a list of qualifiers and their explanation

ALS Environmental

Date: 22-Mar-13

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **68490** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKW1-031813-68490** Units **mg/L** Analysis Date **3/18/2013 03:45 PM**
Client ID Run ID **ICP7500_130318A** SeqNo **3143631** Prep Date **3/18/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0 0050								
Chromium	U	0 0050								
Lead	U	0 0050								

LCS Sample ID **MLCSW1-031813-68490** Units **mg/L** Analysis Date **3/18/2013 03:50 PM**
Client ID Run ID **ICP7500_130318A** SeqNo **3143632** Prep Date **3/18/2013** DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 05293	0 0050	0 05	0	106	80-120	0			
Chromium	0 05232	0 0050	0 05	0	105	80-120	0			
Lead	0 05034	0 0050	0 05	0	101	80-120	0			

MS Sample ID **1303500-03EMS** Units **mg/L** Analysis Date **3/18/2013 04:43 PM**
Client ID Run ID **ICP7500_130318A** SeqNo **3143638** Prep Date **3/18/2013** DF **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 0572	0 025	0 05	0 00128	112	80-120	0			
Chromium	0 04958	0 025	0 05	-0.002548	104	80-120	0			
Lead	0 05285	0 025	0 05	0 002546	101	80-120	0			

MSD Sample ID **1303500-03EMSD** Units **mg/L** Analysis Date **3/18/2013 04:48 PM**
Client ID Run ID **ICP7500_130318A** SeqNo **3143639** Prep Date **3/18/2013** DF **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0 0549	0.025	0 05	0 00128	107	80-120	0 0572	4 1	15	
Chromium	0 04781	0 025	0.05	-0 002548	101	80-120	0 04958	3 62	15	
Lead	0 0621	0 025	0 05	0 002546	119	80-120	0 05285	16 1	15	R

DUP Sample ID **1303500-03EDUP** Units **mg/L** Analysis Date **3/18/2013 04:33 PM**
Client ID Run ID **ICP7500_130318A** SeqNo **3143636** Prep Date **3/18/2013** DF **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0 025	0	0	0	0-0	0.00128	0	25	
Chromium	U	0 025	0	0	0	0-0	-0 002548	0	25	
Lead	U	0 025	0	0	0	0-0	0 002546	0	25	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **68490** Instrument ID **ICP7500** Method **SW6020**

The following samples were analyzed in this batch:

1303544-06B	1303544-07B	1303544-08B
1303544-10B		

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130317-R144121** Units **µg/L** Analysis Date **3/17/2013 12:13 PM**

Client ID Run ID. **VOA6_130317A** SeqNo **3142747** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr. 1,2-Dichloroethane-d4	50 98	5 0	*50*	0	*102*	*70-125*	0
Surr 4-Bromofluorobenzene	49 94	5 0	*50*	0	*99 9*	*72-125*	0
Surr. Dibromofluoromethane	50 43	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	52 08	5 0	*50*	0	*104*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

LCS Sample ID **VLCSW-130317-R144121** Units **µg/L** Analysis Date **3/17/2013 12:38 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142749** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50 29	5 0	50	0	101	80-120	0			
1,1,2,2-Tetrachloroethane	48 7	5 0	50	0	97 4	72-120	0			
1,1,2-Trichloroethane	49 48	5 0	50	0	99	80-120	0			
1,1-Dichloroethane	50 1	5 0	50	0	100	76-120	0			
1,1-Dichloroethene	50 61	5 0	50	0	101	73-124	0			
1,2-Dichloroethane	49.31	5 0	50	0	98 6	78-120	0			
1,2-Dichloropropane	51 3	5 0	50	0	103	80-120	0			
2-Butanone	94 98	10	100	0	95	58-132	0			
2-Hexanone	95 56	10	100	0	95 6	61-130	0			
4-Methyl-2-pentanone	102 1	10	100	0	102	65-127	0			
Acetone	99 91	10	100	0	99.9	59-137	0			
Allyl Chloride	48 03	10	50	0	96.1	60-137	0			
Benzene	50 65	5 0	50	0	101	73-121	0			
Bromodichloromethane	51 86	5 0	50	0	104	80-120	0			
Bromoform	54 38	5 0	50	0	109	79-120	0			
Bromomethane	46 85	5 0	50	0	93 7	66-137	0			
Carbon disulfide	99 25	10	100	0	99 2	68-141	0			
Carbon tetrachloride	50 58	5 0	50	0	101	75-124	0			
Chlorobenzene	49 18	5 0	50	0	98 4	80-120	0			
Chloroethane	47 9	5 0	50	0	95 8	76-121	0			
Chloroform	50 93	5 0	50	0	102	80-120	0			
Chloromethane	45 05	5 0	50	0	90 1	67-123	0			
cis-1,2-Dichloroethene	49 53	5 0	50	0	99 1	78-120	0			
cis-1,3-Dichloropropene	52 8	5 0	50	0	106	80-120	0			
Dibromochloromethane	51 86	5 0	50	0	104	80-120	0			
Ethylbenzene	49 54	5 0	50	0	99 1	80-120	0			
m,p-Xylene	100 6	10	100	0	101	78-121	0			
Methyl tert-butyl ether	48 96	5 0	50	0	97 9	73-121	0			
Methylene chloride	46 22	10	50	0	92 4	65-133	0			
Naphthalene	47 89	5 0	50	0	95 8	65-135	0			
o-Xylene	50 93	5 0	50	0	102	80-120	0			
Styrene	52 18	5 0	50	0	104	80-120	0			
Tert-butyl alcohol	1051	100	1000	0	105	56-144	0			
Tetrachloroethene	49 04	5 0	50	0	98 1	79-120	0			
Toluene	50 06	5 0	50	0	100	80-120	0			
trans-1,2-Dichloroethene	50 06	5 0	50	0	100	78-120	0			
trans-1,3-Dichloropropene	52 37	5 0	50	0	105	80-120	0			
Trichloroethene	51 05	5 0	50	0	102	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	49 62	2 0	50	0	99 2	70-127	0
Xylenes, Total	151 5	15	150	0	101	80-120	0
Surr 1,2-Dichloroethane-d4	50 7	5 0	*50*	0	*101*	*70-125*	0
Surr 4-Bromofluorobenzene	52 76	5 0	*50*	0	*106*	*72-125*	0
Surr Dibromofluoromethane	50 41	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	51 53	5 0	*50*	0	*103*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MS Sample ID **1303364-21AMS** Units **µg/L** Analysis Date **3/17/2013 02:38 PM**
Client ID Run ID. **VOA6_130317A** SeqNo **3142755** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2314	250	2500	0	92 6	80-120	0			
1,1,2,2-Tetrachloroethane	2415	250	2500	0	96 6	72-120	0			
1,1,2-Trichloroethane	2456	250	2500	0	98 2	80-120	0			
1,1-Dichloroethane	4393	250	2500	2105	91 5	76-120	0			
1,1-Dichloroethene	2252	250	2500	0	90 1	73-124	0			
1,2-Dichloroethane	2604	250	2500	128 7	99	78-120	0			
1,2-Dichloropropane	2447	250	2500	0	97.9	80-120	0			
2-Butanone	4584	500	5000	0	91 7	58-132	0			
2-Hexanone	4897	500	5000	0	97 9	61-130	0			
4-Methyl-2-pentanone	4932	500	5000	0	98.6	65-127	0			
Acetone	4565	500	5000	0	91 3	59-137	0			
Allyl Chloride	2249	500	2500	0	90	60-137	0			
Benzene	2496	250	2500	99 94	95 8	73-121	0			
Bromodichloromethane	2540	250	2500	0	102	80-120	0			
Bromoform	2559	250	2500	0	102	79-120	0			
Bromomethane	2027	250	2500	0	81.1	66-137	0			
Carbon disulfide	4343	500	5000	0	86 9	68-141	0			
Carbon tetrachloride	2280	250	2500	0	91 2	75-124	0			
Chlorobenzene	2411	250	2500	0	96.4	80-120	0			
Chloroethane	2087	250	2500	0	83 5	76-121	0			
Chloroform	2435	250	2500	0	97 4	80-120	0			
Chloromethane	2066	250	2500	0	82 6	67-123	0			
cis-1,2-Dichloroethene	2368	250	2500	53 12	92 6	78-120	0			
cis-1,3-Dichloropropene	2545	250	2500	0	102	80-120	0			
Dibromochloromethane	2478	250	2500	0	99 1	80-120	0			
Ethylbenzene	2347	250	2500	0	93 9	80-120	0			
m,p-Xylene	4663	500	5000	0	93.3	78-121	0			
Methyl tert-butyl ether	2498	250	2500	0	99 9	73-121	0			
Methylene chloride	2282	500	2500	0	91 3	65-133	0			
Naphthalene	2151	250	2500	0	86	65-135	0			
o-Xylene	2356	250	2500	0	94 2	80-120	0			
Styrene	2445	250	2500	0	97 8	80-120	0			
Tert-butyl alcohol	53150	5,000	50000	0	106	56-144	0			
Tetrachloroethene	2401	250	2500	172 8	89 1	79-120	0			
Toluene	2352	250	2500	0	94 1	80-120	0			
trans-1,2-Dichloroethene	2631	250	2500	268 3	94 5	78-120	0			
trans-1,3-Dichloropropene	2512	250	2500	0	100	80-120	0			
Trichloroethene	2502	250	2500	116 9	95 4	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	2731	100	2500	580 5	86	70-127	0
Xylenes, Total	7019	750	7500	0	93 6	80-120	0
Surr 1,2-Dichloroethane-d4	2554	250	*2500*	0	*102*	*70-125*	0
Surr 4-Bromofluorobenzene	2578	250	*2500*	0	*103*	*72-125*	0
Surr. Dibromofluoromethane	2497	250	*2500*	0	*99 9*	*71-125*	0
Surr. Toluene-d8	2497	250	*2500*	0	*99 9*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303364-21AMSD** Units **µg/L** Analysis Date **3/17/2013 03:04 PM**
Client ID Run ID **VOA6_130317A** SeqNo **3142757** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2460	250	2500	0	98 4	80-120	2314	6 1	20	
1,1,2,2-Tetrachloroethane	2589	250	2500	0	104	72-120	2415	6 98	20	
1,1,2-Trichloroethane	2543	250	2500	0	102	80-120	2456	3 51	20	
1,1-Dichloroethane	4426	250	2500	2105	92 8	76-120	4393	0 745	20	
1,1-Dichloroethene	2429	250	2500	0	97 2	73-124	2252	7 57	20	
1,2-Dichloroethane	2764	250	2500	128 7	105	78-120	2604	5 99	20	
1,2-Dichloropropane	2470	250	2500	0	98 8	80-120	2447	0 958	20	
2-Butanone	4891	500	5000	0	97.8	58-132	4584	6 48	20	
2-Hexanone	5466	500	5000	0	109	61-130	4897	11	20	
4-Methyl-2-pentanone	5477	500	5000	0	110	65-127	4932	10 5	20	
Acetone	4876	500	5000	0	97.5	59-137	4565	6 59	20	
Allyl Chloride	2297	500	2500	0	91 9	60-137	2249	2 1	20	
Benzene	2530	250	2500	99 94	97 2	73-121	2496	1 34	20	
Bromodichloromethane	2579	250	2500	0	103	80-120	2540	1 54	20	
Bromoform	2795	250	2500	0	112	79-120	2559	8 82	20	
Bromomethane	2227	250	2500	0	89 1	66-137	2027	9 37	20	
Carbon disulfide	4472	500	5000	0	89 4	68-141	4343	2 92	20	
Carbon tetrachloride	2420	250	2500	0	96 8	75-124	2280	5 96	20	
Chlorobenzene	2501	250	2500	0	100	80-120	2411	3 69	20	
Chloroethane	2287	250	2500	0	91.5	76-121	2087	9 14	20	
Chloroform	2474	250	2500	0	99	80-120	2435	1 56	20	
Chloromethane	2074	250	2500	0	83	67-123	2066	0 372	20	
cis-1,2-Dichloroethene	2320	250	2500	53 12	90 7	78-120	2368	2 07	20	
cis-1,3-Dichloropropene	2604	250	2500	0	104	80-120	2545	2 32	20	
Dibromochloromethane	2593	250	2500	0	104	80-120	2478	4 55	20	
Ethylbenzene	2472	250	2500	0	98 9	80-120	2347	5 2	20	
m,p-Xylene	4908	500	5000	0	98 2	78-121	4663	5 12	20	
Methyl tert-butyl ether	2571	250	2500	0	103	73-121	2498	2 87	20	
Methylene chloride	2288	500	2500	0	91 5	65-133	2282	0 244	20	
Naphthalene	3155	250	2500	0	126	65-135	2151	37 9	20	R
o-Xylene	2536	250	2500	0	101	80-120	2356	7 36	20	
Styrene	2568	250	2500	0	103	80-120	2445	4 9	20	
Tert-butyl alcohol	59280	5,000	50000	0	119	56-144	53150	10.9	20	
Tetrachloroethene	2576	250	2500	172 8	96 1	79-120	2401	7 02	20	
Toluene	2471	250	2500	0	98.8	80-120	2352	4 92	20	
trans-1,2-Dichloroethene	2662	250	2500	268 3	95 8	78-120	2631	1 17	20	
trans-1,3-Dichloropropene	2608	250	2500	0	104	80-120	2512	3 75	20	
Trichloroethene	2587	250	2500	116 9	98 8	80-120	2502	3 37	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144121** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	2838	100	2500	580 5	90 3	70-127	2731	3 86	20
Xylenes, Total	7444	750	7500	0	99 3	80-120	7019	5 88	20
Surr 1,2-Dichloroethane-d4	2545	250	*2500*	0	*102*	*70-125*	2554	*0 366*	*20*
Surr 4-Bromofluorobenzene	2587	250	*2500*	0	*103*	*72-125*	2578	*0 363*	*20*
Surr Dibromofluoromethane	2550	250	*2500*	0	*102*	*71-125*	2497	*2 08*	*20*
Surr Toluene-d8	2503	250	*2500*	0	*100*	*75-125*	2497	*0 227*	*20*

The following samples were analyzed in this batch: 1303544-18A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130318-R144137** Units **µg/L** Analysis Date **3/18/2013 11:19 AM**
Client ID Run ID **VOA6_130318A** SeqNo **3143053** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	52 91	5 0	*50*	0	*106*	*70-125*	0
Surr 4-Bromofluorobenzene	49 05	5 0	*50*	0	*98 1*	*72-125*	0
Surr Dibromofluoromethane	50 56	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	48 15	5 0	*50*	0	*96 3*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

LCS Sample ID **VLCSW-130318-R144137** Units **µg/L** Analysis Date **3/18/2013 10:04 AM**
Client ID Run ID. **VOA6_130318A** SeqNo **3143052** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 4	5 0	50	0	105	80-120	0			
1,1,2,2-Tetrachloroethane	50 59	5 0	50	0	101	72-120	0			
1,1,2-Trichloroethane	49 5	5 0	50	0	99	80-120	0			
1,1-Dichloroethane	51 89	5 0	50	0	104	76-120	0			
1,1-Dichloroethene	52 14	5 0	50	0	104	73-124	0			
1,2-Dichloroethane	51 25	5 0	50	0	102	78-120	0			
1,2-Dichloropropane	50 77	5 0	50	0	102	80-120	0			
2-Butanone	96 31	10	100	0	96.3	58-132	0			
2-Hexanone	99 66	10	100	0	99 7	61-130	0			
4-Methyl-2-pentanone	101 1	10	100	0	101	65-127	0			
Acetone	100 2	10	100	0	100	59-137	0			
Allyl Chloride	49 57	10	50	0	99 1	60-137	0			
Benzene	51 56	5 0	50	0	103	73-121	0			
Bromodichloromethane	52 13	5 0	50	0	104	80-120	0			
Bromoform	53 86	5 0	50	0	108	79-120	0			
Bromomethane	51 38	5 0	50	0	103	66-137	0			
Carbon disulfide	100 6	10	100	0	101	68-141	0			
Carbon tetrachloride	50 94	5 0	50	0	102	75-124	0			
Chlorobenzene	51 03	5 0	50	0	102	80-120	0			
Chloroethane	48 41	5 0	50	0	96 8	76-121	0			
Chloroform	51 95	5 0	50	0	104	80-120	0			
Chloromethane	46 41	5 0	50	0	92 8	67-123	0			
cis-1,2-Dichloroethene	50 07	5 0	50	0	100	78-120	0			
cis-1,3-Dichloropropene	54 53	5 0	50	0	109	80-120	0			
Dibromochloromethane	52 22	5 0	50	0	104	80-120	0			
Ethylbenzene	50 73	5 0	50	0	101	80-120	0			
m,p-Xylene	103 3	10	100	0	103	78-121	0			
Methyl tert-butyl ether	51 25	5 0	50	0	102	73-121	0			
Methylene chloride	48 46	10	50	0	96 9	65-133	0			
Naphthalene	60 91	5 0	50	0	122	65-135	0			
o-Xylene	51 65	5 0	50	0	103	80-120	0			
Styrene	52 03	5 0	50	0	104	80-120	0			
Tert-butyl alcohol	1087	100	1000	0	109	56-144	0			
Tetrachloroethene	51 29	5 0	50	0	103	79-120	0			
Toluene	51	5 0	50	0	102	80-120	0			
trans-1,2-Dichloroethene	51 8	5 0	50	0	104	78-120	0			
trans-1,3-Dichloropropene	53 09	5 0	50	0	106	80-120	0			
Trichloroethene	52 62	5 0	50	0	105	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	50 87	2 0	50	0	102	70-127	0
Xylenes, Total	155	15	150	0	103	80-120	0
Surr 1,2-Dichloroethane-d4	49 69	5 0	*50*	0	*99 4*	*70-125*	0
Surr. 4-Bromofluorobenzene	50 12	5 0	*50*	0	*100*	*72-125*	0
Surr Dibromofluoromethane	50 63	5 0	*50*	0	*101*	*71-125*	0
Surr. Toluene-d8	50 68	5 0	*50*	0	*101*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

MS Sample ID **1303587-03AMS** Units **µg/L** Analysis Date **3/18/2013 01:23 PM**
Client ID Run ID. **VOA6_130318A** SeqNo **3143290** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45 33	5 0	50	0	90 7	80-120	0			
1,1,2,2-Tetrachloroethane	53 74	5 0	50	0	107	72-120	0			
1,1,2-Trichloroethane	51 77	5 0	50	0	104	80-120	0			
1,1-Dichloroethane	47 41	5 0	50	0	94 8	76-120	0			
1,1-Dichloroethene	42 37	5 0	50	0	84 7	73-124	0			
1,2-Dichloroethane	51 66	5 0	50	0 906	102	78-120	0			
1,2-Dichloropropane	48 44	5 0	50	0	96 9	80-120	0			
2-Butanone	101 1	10	100	0	101	58-132	0			
2-Hexanone	114 7	10	100	0	115	61-130	0			
4-Methyl-2-pentanone	116 3	10	100	0	116	65-127	0			
Acetone	88 54	10	100	0	88 5	59-137	0			
Allyl Chloride	44 43	10	50	0	88.9	60-137	0			
Benzene	47 35	5 0	50	0	94 7	73-121	0			
Bromodichloromethane	50 81	5 0	50	0	102	80-120	0			
Bromoform	56 49	5 0	50	0	113	79-120	0			
Bromomethane	39 39	5 0	50	0	78 8	66-137	0			
Carbon disulfide	83 85	10	100	0	83 8	68-141	0			
Carbon tetrachloride	43 92	5 0	50	0	87 8	75-124	0			
Chlorobenzene	49 14	5 0	50	0	98 3	80-120	0			
Chloroethane	41 37	5 0	50	0	82 7	76-121	0			
Chloroform	48 26	5 0	50	0	96 5	80-120	0			
Chloromethane	40 23	5 0	50	0	80 5	67-123	0			
cis-1,2-Dichloroethene	44 81	5 0	50	0	89 6	78-120	0			
cis-1,3-Dichloropropene	51 96	5 0	50	0	104	80-120	0			
Dibromochloromethane	54 04	5 0	50	0	108	80-120	0			
Ethylbenzene	46 23	5 0	50	0	92.5	80-120	0			
m,p-Xylene	94 01	10	100	0	94	78-121	0			
Methyl tert-butyl ether	49 55	5 0	50	0	99.1	73-121	0			
Methylene chloride	46 88	10	50	0	93.8	65-133	0			
Naphthalene	51 2	5 0	50	0	102	65-135	0			
o-Xylene	48 32	5 0	50	0	96.6	80-120	0			
Styrene	50 12	5 0	50	0	100	80-120	0			
Tert-butyl alcohol	1236	100	1000	98 53	114	56-144	0			
Tetrachloroethene	43 74	5 0	50	0	87.5	79-120	0			
Toluene	47 82	5 0	50	0	95.6	80-120	0			
trans-1,2-Dichloroethene	46 06	5 0	50	0	92 1	78-120	0			
trans-1,3-Dichloropropene	52 03	5 0	50	0	104	80-120	0			
Trichloroethene	47 31	5 0	50	0	94 6	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

Vinyl chloride	43 34	2 0	50	0	86 7	70-127	0
Xylenes, Total	142 3	15	150	0	94 9	80-120	0
Surr 1,2-Dichloroethane-d4	50 68	5 0	*50*	0	*101*	*70-125*	0
Surr 4-Bromofluorobenzene	51 89	5 0	*50*	0	*104*	*72-125*	0
Surr Dibromofluoromethane	50 39	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	51 11	5 0	*50*	0	*102*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303587-03AMSD** Units **µg/L** Analysis Date **3/18/2013 01:48 PM**
Client ID Run ID **VOA6_130318A** SeqNo **3143291** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48 08	5 0	50	0	96 2	80-120	45 33	5 89	20	
1,1,2,2-Tetrachloroethane	52 76	5 0	50	0	106	72-120	53 74	1 84	20	
1,1,2-Trichloroethane	48 97	5 0	50	0	97 9	80-120	51.77	5 57	20	
1,1-Dichloroethane	47 68	5 0	50	0	95 4	76-120	47 41	0 556	20	
1,1-Dichloroethene	45 01	5 0	50	0	90	73-124	42 37	6 04	20	
1,2-Dichloroethane	48 7	5 0	50	0.906	95 6	78-120	51 66	5 91	20	
1,2-Dichloropropane	48 16	5 0	50	0	96 3	80-120	48.44	0 57	20	
2-Butanone	98 45	10	100	0	98 4	58-132	101 1	2 67	20	
2-Hexanone	108 5	10	100	0	108	61-130	114 7	5 6	20	
4-Methyl-2-pentanone	108 9	10	100	0	109	65-127	116 3	6 48	20	
Acetone	86 77	10	100	0	86 8	59-137	88 54	2 02	20	
Allyl Chloride	45 56	10	50	0	91 1	60-137	44 43	2 51	20	
Benzene	47 77	5 0	50	0	95 5	73-121	47 35	0 881	20	
Bromodichloromethane	50 07	5 0	50	0	100	80-120	50 81	1 46	20	
Bromoform	53 25	5 0	50	0	107	79-120	56 49	5 89	20	
Bromomethane	43 31	5 0	50	0	86 6	66-137	39 39	9 47	20	
Carbon disulfide	88 06	10	100	0	88 1	68-141	83 85	4 91	20	
Carbon tetrachloride	45 94	5 0	50	0	91 9	75-124	43 92	4 48	20	
Chlorobenzene	47 01	5 0	50	0	94	80-120	49 14	4 41	20	
Chloroethane	42 44	5 0	50	0	84 9	76-121	41 37	2 54	20	
Chloroform	48 93	5 0	50	0	97 9	80-120	48 26	1 37	20	
Chloromethane	40 25	5 0	50	0	80 5	67-123	40 23	0 0555	20	
cis-1,2-Dichloroethene	48 38	5 0	50	0	96.8	78-120	44 81	7 65	20	
cis-1,3-Dichloropropene	51 32	5 0	50	0	103	80-120	51 96	1 24	20	
Dibromochloromethane	50 14	5 0	50	0	100	80-120	54 04	7 48	20	
Ethylbenzene	47 16	5 0	50	0	94 3	80-120	46 23	1 99	20	
m,p-Xylene	93 97	10	100	0	94	78-121	94 01	0 0472	20	
Methyl tert-butyl ether	51 6	5 0	50	0	103	73-121	49 55	4 05	20	
Methylene chloride	47 08	10	50	0	94 2	65-133	46 88	0 431	20	
Naphthalene	62 6	5 0	50	0	125	65-135	51 2	20	20	R
o-Xylene	47 37	5 0	50	0	94 7	80-120	48 32	1 98	20	
Styrene	48 98	5 0	50	0	98	80-120	50 12	2 3	20	
Tert-butyl alcohol	1234	100	1000	98 53	114	56-144	1236	0 128	20	
Tetrachloroethene	45 19	5 0	50	0	90 4	79-120	43.74	3 25	20	
Toluene	46 51	5 0	50	0	93	80-120	47 82	2 77	20	
trans-1,2-Dichloroethene	45 45	5 0	50	0	90 9	78-120	46 06	1 33	20	
trans-1,3-Dichloropropene	50 86	5 0	50	0	102	80-120	52.03	2 27	20	
Trichloroethene	48 23	5 0	50	0	96 5	80-120	47 31	1 92	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144137**	Instrument ID **VOA6**		Method **SW8260**						
Vinyl chloride	44 2	2 0	50	0	88 4	70-127	43 34	1 96	20
Xylenes, Total	141 3	15	150	0	94 2	80-120	142 3	0 699	20
Surr 1,2-Dichloroethane-d4	52 03	5 0	*50*	0	*104*	*70-125*	50 68	*2 65*	*20*
Surr 4-Bromofluorobenzene	51 21	5 0	*50*	0	*102*	*72-125*	51 89	*1 32*	*20*
Surr Dibromofluoromethane	51 62	5 0	*50*	0	*103*	*71-125*	50 39	*2 41*	*20*
Surr Toluene-d8	49 64	5 0	*50*	0	*99 3*	*75-125*	51 11	*2 92*	*20*

The following samples were analyzed in this batch: 1303544-01A 1303544-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130318-R144200** Units **µg/L** Analysis Date **3/18/2013 11:20 AM**
Client ID Run ID. **VOA1_130318A** SeqNo **3143984** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144200**	Instrument ID **VOA1**			Method **SW8260**			
Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr. 1,2-Dichloroethane-d4	51 28	5 0	*50*	0	*103*	*70-125*	0
Surr 4-Bromofluorobenzene	49 28	5 0	*50*	0	*98 6*	*72-125*	0
Surr Dibromofluoromethane	49 93	5 0	*50*	0	*99 9*	*71-125*	0
Surr Toluene-d8	46 79	5 0	*50*	0	*93 6*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130318-R144200** Units **µg/L** Analysis Date **3/18/2013 10:05 AM**
Client ID Run ID **VOA1_130318A** SeqNo **3143983** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53 62	5 0	50	0	107	80-120	0			
1,1,2,2-Tetrachloroethane	54 3	5 0	50	0	109	72-120	0			
1,1,2-Trichloroethane	53 63	5 0	50	0	107	80-120	0			
1,1-Dichloroethane	51 62	5 0	50	0	103	76-120	0			
1,1-Dichloroethene	53 9	5 0	50	0	108	73-124	0			
1,2-Dichloroethane	50 51	5 0	50	0	101	78-120	0			
1,2-Dichloropropane	52 83	5 0	50	0	106	80-120	0			
2-Butanone	104 2	10	100	0	104	58-132	0			
2-Hexanone	101 5	10	100	0	101	61-130	0			
4-Methyl-2-pentanone	106 9	10	100	0	107	65-127	0			
Acetone	94 57	10	100	0	94 6	59-137	0			
Allyl Chloride	53 2	10	50	0	106	60-137	0			
Benzene	47 83	5 0	50	0	95 7	73-121	0			
Bromodichloromethane	52	5 0	50	0	104	80-120	0			
Bromoform	53 39	5 0	50	0	107	79-120	0			
Bromomethane	49 29	5 0	50	0	98 6	66-137	0			
Carbon disulfide	105 2	10	100	0	105	68-141	0			
Carbon tetrachloride	50 65	5 0	50	0	101	75-124	0			
Chlorobenzene	50 77	5 0	50	0	102	80-120	0			
Chloroethane	58 39	5 0	50	0	117	76-121	0			
Chloroform	54 89	5 0	50	0	110	80-120	0			
Chloromethane	49 99	5 0	50	0	100	67-123	0			
cis-1,2-Dichloroethene	53 85	5 0	50	0	108	78-120	0			
cis-1,3-Dichloropropene	52 82	5 0	50	0	106	80-120	0			
Dibromochloromethane	54 31	5 0	50	0	109	80-120	0			
Ethylbenzene	50 88	5 0	50	0	102	80-120	0			
m,p-Xylene	99 74	10	100	0	99 7	78-121	0			
Methyl tert-butyl ether	52 64	5 0	50	0	105	73-121	0			
Methylene chloride	54 07	10	50	0	108	65-133	0			
Naphthalene	59 51	5 0	50	0	119	65-135	0			
o-Xylene	51 52	5 0	50	0	103	80-120	0			
Styrene	53 35	5 0	50	0	107	80-120	0			
Tert-butyl alcohol	1045	100	1000	0	105	56-144	0			
Tetrachloroethene	48 6	5 0	50	0	97 2	79-120	0			
Toluene	50 37	5 0	50	0	101	80-120	0			
trans-1,2-Dichloroethene	54 61	5 0	50	0	109	78-120	0			
trans-1,3-Dichloropropene	56 24	5 0	50	0	112	80-120	0			
Trichloroethene	51 36	5 0	50	0	103	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	54 57	2 0	50	0	109	70-127	0
Xylenes, Total	151 3	15	150	0	101	80-120	0
Surr. 1,2-Dichloroethane-d4	48 95	5 0	*50*	0	*97 9*	*70-125*	0
Surr 4-Bromofluorobenzene	51 07	5 0	*50*	0	*102*	*72-125*	0
Surr Dibromofluoromethane	50 99	5 0	*50*	0	*102*	*71-125*	0
Surr Toluene-d8	48 65	5 0	*50*	0	*97 3*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303544-17AMS** Units **µg/L** Analysis Date **3/18/2013 12:34 PM**
Client ID **S1-136** Run ID **VOA1_130318A** SeqNo **3143986** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53 46	5 0	50	0	107	80-120	0			
1,1,2,2-Tetrachloroethane	50 4	5 0	50	0	101	72-120	0			
1,1,2-Trichloroethane	54 41	5 0	50	0	109	80-120	0			
1,1-Dichloroethane	59 66	5 0	50	6 804	106	76-120	0			
1,1-Dichloroethene	49 77	5 0	50	0	99.5	73-124	0			
1,2-Dichloroethane	55 85	5 0	50	3 101	105	78-120	0			
1,2-Dichloropropane	54 91	5 0	50	0	110	80-120	0			
2-Butanone	105 3	10	100	0	105	58-132	0			
2-Hexanone	109	10	100	0	109	61-130	0			
4-Methyl-2-pentanone	115 8	10	100	0	116	65-127	0			
Acetone	96 15	10	100	0	96 2	59-137	0			
Allyl Chloride	48 17	10	50	0	96 3	60-137	0			
Benzene	52 08	5 0	50	1 557	101	73-121	0			
Bromodichloromethane	51 9	5 0	50	0	104	80-120	0			
Bromoform	53 25	5 0	50	0	106	79-120	0			
Bromomethane	45 16	5 0	50	0	90 3	66-137	0			
Carbon disulfide	99 93	10	100	0	99.9	68-141	0			
Carbon tetrachloride	49 32	5 0	50	0	98 6	75-124	0			
Chlorobenzene	52 16	5 0	50	3 144	98	80-120	0			
Chloroethane	55 53	5 0	50	0	111	76-121	0			
Chloroform	53 78	5 0	50	0	108	80-120	0			
Chloromethane	44 26	5 0	50	0	88 5	67-123	0			
cis-1,2-Dichloroethene	57 58	5 0	50	3 694	108	78-120	0			
cis-1,3-Dichloropropene	51 4	5 0	50	0	103	80-120	0			
Dibromochloromethane	53 92	5 0	50	0	108	80-120	0			
Ethylbenzene	50 34	5 0	50	0	101	80-120	0			
m,p-Xylene	101 1	10	100	0	101	78-121	0			
Methyl tert-butyl ether	53 16	5.0	50	0	106	73-121	0			
Methylene chloride	57 43	10	50	0	115	65-133	0			
Naphthalene	48 16	5 0	50	0	96 3	65-135	0			
o-Xylene	53 3	5 0	50	0	107	80-120	0			
Styrene	55 26	5 0	50	0	111	80-120	0			
Tert-butyl alcohol	10840	100	1000	9013	183	56-144	0			SEO
Tetrachloroethene	48 74	5 0	50	0	97 5	79-120	0			
Toluene	48 18	5 0	50	0	96 4	80-120	0			
trans-1,2-Dichloroethene	53 05	5 0	50	0	106	78-120	0			
trans-1,3-Dichloropropene	56 12	5 0	50	0	112	80-120	0			
Trichloroethene	48 9	5 0	50	0	97 8	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144200**	Instrument ID **VOA1**		Method **SW8260**				
Vinyl chloride	52 81	2 0	50	2 213	101	70-127	0
Xylenes, Total	154 4	15	150	0	103	80-120	0
Surr 1,2-Dichloroethane-d4	51 62	5 0	*50*	0	*103*	*70-125*	0
Surr 4-Bromofluorobenzene	49 69	5 0	*50*	0	*99 4*	*72-125*	0
Surr Dibromofluoromethane	51 7	5 0	*50*	0	*103*	*71-125*	0
Surr: Toluene-d8	51 1	5 0	*50*	0	*102*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144200** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303544-17AMSD** Units **µg/L** Analysis Date **3/18/2013 12:59 PM**
Client ID **S1-136** Run ID **VOA1_130318A** SeqNo **3143987** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	56 51	5 0	50	0	113	80-120	53 46	5 55	20	
1,1,2,2-Tetrachloroethane	53 7	5 0	50	0	107	72-120	50.4	6 33	20	
1,1,2-Trichloroethane	52 93	5 0	50	0	106	80-120	54.41	2 77	20	
1,1-Dichloroethane	59 23	5 0	50	6 804	105	76-120	59 66	0 723	20	
1,1-Dichloroethene	53 94	5 0	50	0	108	73-124	49 77	8 04	20	
1,2-Dichloroethane	56 33	5 0	50	3 101	106	78-120	55 85	0 86	20	
1,2-Dichloropropane	54 11	5 0	50	0	108	80-120	54 91	1 47	20	
2-Butanone	109 7	10	100	0	110	58-132	105 3	4 07	20	
2-Hexanone	112 1	10	100	0	112	61-130	109	2 81	20	
4-Methyl-2-pentanone	112 1	10	100	0	112	65-127	115 8	3 22	20	
Acetone	99 28	10	100	0	99 3	59-137	96 15	3 2	20	
Allyl Chloride	50 99	10	50	0	102	60-137	48 17	5 69	20	
Benzene	53 8	5 0	50	1.557	104	73-121	52 08	3 25	20	
Bromodichloromethane	54 72	5 0	50	0	109	80-120	51 9	5 29	20	
Bromoform	54 71	5 0	50	0	109	79-120	53 25	2 7	20	
Bromomethane	48 69	5 0	50	0	97 4	66-137	45 16	7 52	20	
Carbon disulfide	105 5	10	100	0	105	68-141	99 93	5 41	20	
Carbon tetrachloride	50 04	5 0	50	0	100	75-124	49 32	1 46	20	
Chlorobenzene	51 42	5 0	50	3 144	96 5	80-120	52 16	1 44	20	
Chloroethane	56 35	5 0	50	0	113	76-121	55 53	1 48	20	
Chloroform	56 14	5 0	50	0	112	80-120	53 78	4 31	20	
Chloromethane	47 95	5 0	50	0	95 9	67-123	44 26	8 01	20	
cis-1,2-Dichloroethene	58 94	5 0	50	3 694	110	78-120	57 58	2 32	20	
cis-1,3-Dichloropropene	51 78	5 0	50	0	104	80-120	51 4	0 732	20	
Dibromochloromethane	54 21	5 0	50	0	108	80-120	53 92	0 528	20	
Ethylbenzene	49 27	5 0	50	0	98 5	80-120	50 34	2 14	20	
m,p-Xylene	102 8	10	100	0	103	78-121	101 1	1 65	20	
Methyl tert-butyl ether	58 55	5 0	50	0	117	73-121	53 16	9 65	20	
Methylene chloride	57 14	10	50	0	114	65-133	57 43	0 511	20	
Naphthalene	56 95	5 0	50	0	114	65-135	48 16	16 7	20	
o-Xylene	48 73	5 0	50	0	97 5	80-120	53 3	8 94	20	
Styrene	51 45	5 0	50	0	103	80-120	55 26	7 13	20	
Tert-butyl alcohol	12000	100	1000	9013	299	56-144	10840	10 2	20	SEO
Tetrachloroethene	49 54	5 0	50	0	99 1	79-120	48 74	1 63	20	
Toluene	49 3	5 0	50	0	98 6	80-120	48 18	2 3	20	
trans-1,2-Dichloroethene	52 2	5 0	50	0	104	78-120	53 05	1 63	20	
trans-1,3-Dichloropropene	55 67	5 0	50	0	111	80-120	56 12	0 797	20	
Trichloroethene	50 77	5 0	50	0	102	80-120	48 9	3 75	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144200**	Instrument ID **VOA1**		Method **SW8260**						
Vinyl chloride	57 03	2 0	50	2 213	110	70-127	52 81	7 67	20
Xylenes, Total	151 5	15	150	0	101	80-120	154 4	1 89	20
Surr. 1,2-Dichloroethane-d4	53 99	5 0	*50*	0	*108*	*70-125*	51 62	*4 49*	*20*
Surr 4-Bromofluorobenzene	48 75	5 0	*50*	0	*97 5*	*72-125*	49 69	*1 9*	*20*
Surr Dibromofluoromethane	54 16	5 0	*50*	0	*108*	*71-125*	51 7	*4 65*	*20*
Surr Toluene-d8	47 79	5 0	*50*	0	*95 6*	*75-125*	51 1	*6 69*	*20*

The following samples were analyzed in this batch: 1303544-05A 1303544-17A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130319-R144218** Units **µg/L** Analysis Date **3/19/2013 11:47 AM**
Client ID Run ID **VOA1_130319A** SeqNo **3144345** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dibromochloromethane	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Methylene chloride	U	10								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr. 1,2-Dichloroethane-d4	45 99	5 0	*50*	0	*92*	*70-125*	0
Surr 4-Bromofluorobenzene	50 5	5 0	*50*	0	*101*	*72-125*	0
Surr Dibromofluoromethane	50 72	5 0	*50*	0	*101*	*71-125*	0
Surr Toluene-d8	49 73	5 0	*50*	0	*99 5*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130319-R144218** Units **µg/L** Analysis Date **3/19/2013 10:33 AM**
Client ID Run ID **VOA1_130319A** SeqNo **3144344** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52 09	5 0	50	0	104	80-120	0			
1,1,2,2-Tetrachloroethane	54 53	5 0	50	0	109	72-120	0			
1,1,2-Trichloroethane	52 82	5 0	50	0	106	80-120	0			
1,1-Dichloroethane	48 18	5 0	50	0	96 4	76-120	0			
1,1-Dichloroethene	49 47	5 0	50	0	98 9	73-124	0			
1,2-Dichloroethane	52 73	5 0	50	0	105	78-120	0			
1,2-Dichloropropane	53 58	5 0	50	0	107	80-120	0			
2-Butanone	99 86	10	100	0	99 9	58-132	0			
2-Hexanone	107 5	10	100	0	107	61-130	0			
4-Methyl-2-pentanone	104 5	10	100	0	105	65-127	0			
Acetone	95 99	10	100	0	96	59-137	0			
Allyl Chloride	52 35	10	50	0	105	60-137	0			
Benzene	51 3	5 0	50	0	103	73-121	0			
Bromodichloromethane	54 27	5 0	50	0	109	80-120	0			
Bromoform	56 41	5 0	50	0	113	79-120	0			
Bromomethane	49 87	5 0	50	0	99 7	66-137	0			
Carbon disulfide	103	10	100	0	103	68-141	0			
Carbon tetrachloride	50 43	5 0	50	0	101	75-124	0			
Chlorobenzene	51 3	5 0	50	0	103	80-120	0			
Chloroethane	56 62	5 0	50	0	113	76-121	0			
Chloroform	51 81	5 0	50	0	104	80-120	0			
Chloromethane	48 81	5 0	50	0	97.6	67-123	0			
cis-1,2-Dichloroethene	51 08	5 0	50	0	102	78-120	0			
cis-1,3-Dichloropropene	49 56	5 0	50	0	99 1	80-120	0			
Dibromochloromethane	54 99	5 0	50	0	110	80-120	0			
Ethylbenzene	50 3	5 0	50	0	101	80-120	0			
m,p-Xylene	98 59	10	100	0	98 6	78-121	0			
Methyl tert-butyl ether	48 56	5 0	50	0	97 1	73-121	0			
Methylene chloride	51 81	10	50	0	104	65-133	0			
Naphthalene	59 44	5.0	50	0	119	65-135	0			
o-Xylene	49 15	5 0	50	0	98 3	80-120	0			
Styrene	50 3	5 0	50	0	101	80-120	0			
Tert-butyl alcohol	1114	100	1000	0	111	56-144	0			
Tetrachloroethene	47 77	5 0	50	0	95 5	79-120	0			
Toluene	51 32	5 0	50	0	103	80-120	0			
trans-1,2-Dichloroethene	50 23	5 0	50	0	100	78-120	0			
trans-1,3-Dichloropropene	57 18	5 0	50	0	114	80-120	0			
Trichloroethene	50 92	5 0	50	0	102	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144218**	Instrument ID **VOA1**		Method **SW8260**				
Vinyl chloride	53 51	2 0	50	0	107	70-127	0
Xylenes, Total	147 7	15	150	0	98 5	80-120	0
Surr 1,2-Dichloroethane-d4	48 78	5 0	*50*	0	*97 6*	*70-125*	0
Surr 4-Bromofluorobenzene	50 05	5 0	*50*	0	*100*	*72-125*	0
Surr Dibromofluoromethane	52 08	5 0	*50*	0	*104*	*71-125*	0
Surr. Toluene-d8	47 63	5 0	*50*	0	*95 3*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303594-04AMS** Units **µg/L** Analysis Date **3/19/2013 01:26 PM**
Client ID Run ID **VOA1_130319A** SeqNo **3144354** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	54 22	5 0	50	0	108	80-120	0			
1,1,2,2-Tetrachloroethane	49 96	5 0	50	0	99.9	72-120	0			
1,1,2-Trichloroethane	52 02	5 0	50	0	104	80-120	0			
1,1-Dichloroethane	53 49	5 0	50	0	107	76-120	0			
1,1-Dichloroethene	49 44	5 0	50	0	98 9	73-124	0			
1,2-Dichloroethane	52 18	5 0	50	0	104	78-120	0			
1,2-Dichloropropane	53 68	5 0	50	0	107	80-120	0			
2-Butanone	99 12	10	100	0	99 1	58-132	0			
2-Hexanone	90 82	10	100	0	90 8	61-130	0			
4-Methyl-2-pentanone	101 4	10	100	0	101	65-127	0			
Acetone	87 92	10	100	0	87 9	59-137	0			
Allyl Chloride	50 1	10	50	0	100	60-137	0			
Benzene	48 43	5 0	50	0	96 9	73-121	0			
Bromodichloromethane	52 98	5 0	50	0	106	80-120	0			
Bromoform	53 35	5 0	50	0	107	79-120	0			
Bromomethane	45 87	5 0	50	0	91 7	66-137	0			
Carbon disulfide	102 2	10	100	0	102	68-141	0			
Carbon tetrachloride	49 53	5 0	50	0	99 1	75-124	0			
Chlorobenzene	47 25	5 0	50	0	94.5	80-120	0			
Chloroethane	56 64	5 0	50	0	113	76-121	0			
Chloroform	56 63	5 0	50	0	113	80-120	0			
Chloromethane	45 3	5 0	50	0	90 6	67-123	0			
cis-1,2-Dichloroethene	52 5	5 0	50	0	105	78-120	0			
cis-1,3-Dichloropropene	52 63	5 0	50	0	105	80-120	0			
Dibromochloromethane	52 12	5 0	50	0	104	80-120	0			
Ethylbenzene	51 07	5 0	50	0	102	80-120	0			
m,p-Xylene	101 5	10	100	0	101	78-121	0			
Methyl tert-butyl ether	55 37	5 0	50	0	111	73-121	0			
Methylene chloride	58 08	10	50	0	116	65-133	0			
Naphthalene	51 55	5 0	50	0	103	65-135	0			
o-Xylene	51 02	5 0	50	0	102	80-120	0			
Styrene	50 05	5 0	50	0	100	80-120	0			
Tert-butyl alcohol	981 7	100	1000	0	98.2	56-144	0			
Tetrachloroethene	47 66	5 0	50	0	95.3	79-120	0			
Toluene	49 62	5 0	50	0	99 2	80-120	0			
trans-1,2-Dichloroethene	53 1	5 0	50	0	106	78-120	0			
trans-1,3-Dichloropropene	53 85	5 0	50	0	108	80-120	0			
Trichloroethene	48 25	5 0	50	0	96 5	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	50 23	2 0	50	0	100	70-127	0
Xylenes, Total	152 5	15	150	0	102	80-120	0
Surr. 1,2-Dichloroethane-d4	49 31	5 0	*50*	0	*98 6*	*70-125*	0
Surr 4-Bromofluorobenzene	49 08	5 0	*50*	0	*98 2*	*72-125*	0
Surr Dibromofluoromethane	53 17	5 0	*50*	0	*106*	*71-125*	0
Surr Toluene-d8	49 61	5 0	*50*	0	*99 2*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303594-04AMSD** Units **µg/L** Analysis Date **3/19/2013 01:51 PM**

Client ID Run ID **VOA1_130319A** SeqNo **3144355** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48 23	5 0	50	0	96 5	80-120	54 22	11 7	20	
1,1,2,2-Tetrachloroethane	54.26	5 0	50	0	109	72-120	49 96	8 26	20	
1,1,2-Trichloroethane	54 66	5 0	50	0	109	80-120	52 02	4 95	20	
1,1-Dichloroethane	52 69	5 0	50	0	105	76-120	53 49	1 49	20	
1,1-Dichloroethene	44 23	5 0	50	0	88 5	73-124	49 44	11 1	20	
1,2-Dichloroethane	53 94	5 0	50	0	108	78-120	52 18	3 32	20	
1,2-Dichloropropane	53 6	5 0	50	0	107	80-120	53 68	0 145	20	
2-Butanone	101 8	10	100	0	102	58-132	99 12	2 7	20	
2-Hexanone	110 4	10	100	0	110	61-130	90 82	19 5	20	
4-Methyl-2-pentanone	111 1	10	100	0	111	65-127	101 4	9 14	20	
Acetone	86 8	10	100	0	86 8	59-137	87.92	1 28	20	
Allyl Chloride	49 38	10	50	0	98 8	60-137	50 1	1 45	20	
Benzene	51 89	5 0	50	0	104	73-121	48 43	6 91	20	
Bromodichloromethane	53 79	5 0	50	0	108	80-120	52 98	1 52	20	
Bromoform	55 33	5 0	50	0	111	79-120	53 35	3 64	20	
Bromomethane	50 23	5 0	50	0	100	66-137	45 87	9 06	20	
Carbon disulfide	97 18	10	100	0	97 2	68-141	102 2	5 02	20	
Carbon tetrachloride	46 88	5 0	50	0	93 8	75-124	49 53	5 49	20	
Chlorobenzene	50 2	5 0	50	0	100	80-120	47 25	6 06	20	
Chloroethane	55 53	5 0	50	0	111	76-121	56 64	1 98	20	
Chloroform	52 3	5 0	50	0	105	80-120	56 63	7 95	20	
Chloromethane	43 84	5 0	50	0	87 7	67-123	45 3	3 28	20	
cis-1,2-Dichloroethene	55	5 0	50	0	110	78-120	52 5	4 66	20	
cis-1,3-Dichloropropene	54 32	5 0	50	0	109	80-120	52 63	3 16	20	
Dibromochloromethane	55 94	5 0	50	0	112	80-120	52 12	7 07	20	
Ethylbenzene	46 94	5 0	50	0	93 9	80-120	51 07	8 41	20	
m,p-Xylene	101 9	10	100	0	102	78-121	101 5	0 388	20	
Methyl tert-butyl ether	57 31	5 0	50	0	115	73-121	55 37	3 45	20	
Methylene chloride	56 53	10	50	0	113	65-133	58 08	2 7	20	
Naphthalene	51 75	5 0	50	0	103	65-135	51 55	0 381	20	
o-Xylene	49 52	5 0	50	0	99	80-120	51 02	2 99	20	
Styrene	53 21	5 0	50	0	106	80-120	50 05	6 12	20	
Tert-butyl alcohol	1080	100	1000	0	108	56-144	981 7	9 52	20	
Tetrachloroethene	45 46	5 0	50	0	90 9	79-120	47 66	4 73	20	
Toluene	50 55	5 0	50	0	101	80-120	49 62	1 87	20	
trans-1,2-Dichloroethene	52 66	5 0	50	0	105	78-120	53 1	0 829	20	
trans-1,3-Dichloropropene	57 86	5 0	50	0	116	80-120	53 85	7 18	20	
Trichloroethene	50 04	5 0	50	0	100	80-120	48 25	3 63	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144218**	Instrument ID **VOA1**		Method **SW8260**						
Vinyl chloride	48 72	2 0	50	0	97 4	70-127	50 23	3 06	20
Xylenes, Total	151 4	15	150	0	101	80-120	152 5	0 728	20
Surr 1,2-Dichloroethane-d4	49 21	5 0	*50*	0	*98 4*	*70-125*	49 31	*0 202*	*20*
Surr 4-Bromofluorobenzene	51 34	5 0	*50*	0	*103*	*72-125*	49 08	*4.5*	*20*
Surr Dibromofluoromethane	50 15	5 0	*50*	0	*100*	*71-125*	53 17	*5 83*	*20*
Surr Toluene-d8	50 03	5 0	*50*	0	*100*	*75-125*	49 61	*0 861*	*20*

The following samples were analyzed in this batch:

1303544-06A	1303544-07A	1303544-08A
1303544-09A	1303544-10A	1303544-13A
1303544-14A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144223** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130319-R144223** Units **µg/L** Analysis Date **3/19/2013 11:49 AM**
Client ID Run ID **VOA6_130319A** SeqNo **3144441** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	U	100								
Surr 1,2-Dichloroethane-d4	52 14	5 0	*50*	0	*104*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 85	5 0	*50*	0	*102*	*72-125*	0			
Surr Dibromofluoromethane	49 26	5 0	*50*	0	*98.5*	*71-125*	0			
Surr Toluene-d8	49 94	5 0	*50*	0	*99 9*	*75-125*	0			

LCS Sample ID **VLCSW-130319-R144223** Units **µg/L** Analysis Date **3/19/2013 10:33 AM**
Client ID Run ID **VOA6_130319A** SeqNo **3144440** Prep Date DF. **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1077	100	1000	0	108	56-144	0			
Surr 1,2-Dichloroethane-d4	51 53	5 0	*50*	0	*103*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 49	5 0	*50*	0	*101*	*72-125*	0			
Surr. Dibromofluoromethane	50 2	5 0	*50*	0	*100*	*71-125*	0			
Surr Toluene-d8	50	5 0	*50*	0	*100*	*75-125*	0			

MS Sample ID **1303587-59AMS** Units **µg/L** Analysis Date **3/19/2013 01:26 PM**
Client ID Run ID **VOA6_130319A** SeqNo **3144445** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1291	100	1000	0	129	56-144	0			
Surr. 1,2-Dichloroethane-d4	52 19	5 0	*50*	0	*104*	*70-125*	0			
Surr. 4-Bromofluorobenzene	51 08	5 0	*50*	0	*102*	*72-125*	0			
Surr Dibromofluoromethane	50.94	5 0	*50*	0	*102*	*71-125*	0			
Surr Toluene-d8	49 87	5 0	*50*	0	*99 7*	*75-125*	0			

MSD Sample ID **1303587-59AMSD** Units **µg/L** Analysis Date **3/19/2013 01:52 PM**
Client ID Run ID: **VOA6_130319A** SeqNo **3144446** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1176	100	1000	0	118	56-144	1291	9 33	20	
Surr. 1,2-Dichloroethane-d4	52 22	5 0	*50*	0	*104*	*70-125*	52 19	*0 0545*	*20*	
Surr 4-Bromofluorobenzene	51	5 0	*50*	0	*102*	*72-125*	51 08	*0 155*	*20*	
Surr Dibromofluoromethane	51 31	5 0	*50*	0	*103*	*71-125*	50 94	*0.72*	*20*	
Surr Toluene-d8	50 07	5 0	*50*	0	*100*	*75-125*	49 87	*0 403*	*20*	

The following samples were analyzed in this batch: 1303544-01A 1303544-17A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130320-R144285** Units **µg/L** Analysis Date **3/20/2013 01:05 PM**
Client ID Run ID: **VOA1_130320A** SeqNo **3145674** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5 0								
1,1,2-Trichloroethane	U	5 0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5 0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5 0								
Bromodichloromethane	U	5 0								
Bromoform	U	5 0								
Bromomethane	U	5 0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	5 0								
Chloroform	U	5 0								
Chloromethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
cis-1,3-Dichloropropene	U	5 0								
Dibromochloromethane	U	5 0								
Ethylbenzene	U	5 0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5 0								
Methylene chloride	U	10								
Naphthalene	U	5 0								
o-Xylene	U	5 0								
Styrene	U	5 0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	50 28	5 0	*50*	0	*101*	*70-125*	0
Surr 4-Bromofluorobenzene	49 45	5 0	*50*	0	*98 9*	*72-125*	0
Surr Dibromofluoromethane	49 42	5 0	*50*	0	*98.8*	*71-125*	0
Surr Toluene-d8	49 81	5 0	*50*	0	*99 6*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130320-R144285** Units **µg/L** Analysis Date **3/20/2013 11:51 AM**
Client ID Run ID **VOA1_130320A** SeqNo **3145673** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51 7	5 0	50	0	103	80-120	0			
1,1,2,2-Tetrachloroethane	48 59	5 0	50	0	97 2	72-120	0			
1,1,2-Trichloroethane	50 73	5 0	50	0	101	80-120	0			
1,1-Dichloroethane	52 01	5 0	50	0	104	76-120	0			
1,1-Dichloroethene	49 31	5 0	50	0	98 6	73-124	0			
1,2-Dichloroethane	50 44	5 0	50	0	101	78-120	0			
1,2-Dichloropropane	49 98	5 0	50	0	100	80-120	0			
2-Butanone	98 77	10	100	0	98 8	58-132	0			
2-Hexanone	98 84	10	100	0	98 8	61-130	0			
4-Methyl-2-pentanone	103 7	10	100	0	104	65-127	0			
Acetone	84 49	10	100	0	84 5	59-137	0			
Allyl Chloride	51 19	10	50	0	102	60-137	0			
Benzene	50 65	5 0	50	0	101	73-121	0			
Bromodichloromethane	50 85	5 0	50	0	102	80-120	0			
Bromoform	55 21	5 0	50	0	110	79-120	0			
Bromomethane	51 69	5 0	50	0	103	66-137	0			
Carbon disulfide	102 2	10	100	0	102	68-141	0			
Carbon tetrachloride	49 04	5 0	50	0	98 1	75-124	0			
Chlorobenzene	45 85	5 0	50	0	91 7	80-120	0			
Chloroethane	58 87	5 0	50	0	118	76-121	0			
Chloroform	52 67	5 0	50	0	105	80-120	0			
Chloromethane	52 25	5 0	50	0	104	67-123	0			
cis-1,2-Dichloroethene	52 44	5 0	50	0	105	78-120	0			
cis-1,3-Dichloropropene	51 76	5 0	50	0	104	80-120	0			
Dibromochloromethane	55	5 0	50	0	110	80-120	0			
Ethylbenzene	49 21	5 0	50	0	98 4	80-120	0			
m,p-Xylene	97 48	10	100	0	97 5	78-121	0			
Methyl tert-butyl ether	51 41	5 0	50	0	103	73-121	0			
Methylene chloride	53 2	10	50	0	106	65-133	0			
Naphthalene	52 47	5 0	50	0	105	65-135	0			
o-Xylene	48 69	5 0	50	0	97 4	80-120	0			
Styrene	51 67	5 0	50	0	103	80-120	0			
Tert-butyl alcohol	999 8	100	1000	0	100	56-144	0			
Tetrachloroethene	46 74	5 0	50	0	93 5	79-120	0			
Toluene	50 6	5 0	50	0	101	80-120	0			
trans-1,2-Dichloroethene	51 4	5 0	50	0	103	78-120	0			
trans-1,3-Dichloropropene	54 49	5 0	50	0	109	80-120	0			
Trichloroethene	47 9	5 0	50	0	95 8	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	54 87	2 0	50	0	110	70-127	0
Xylenes, Total	146 2	15	150	0	97 4	80-120	0
Surr 1,2-Dichloroethane-d4	50 77	5 0	*50*	0	*102*	*70-125*	0
Surr 4-Bromofluorobenzene	50 15	5 0	*50*	0	*100*	*72-125*	0
Surr Dibromofluoromethane	51 54	5 0	*50*	0	*103*	*71-125*	0
Surr Toluene-d8	48 92	5 0	*50*	0	*97 8*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303642-02AMS** Units **µg/L** Analysis Date **3/20/2013 06:02 PM**
Client ID Run ID **VOA1_130320A** SeqNo **3146798** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45 43	5 0	50	0	90 9	80-120	0			
1,1,2,2-Tetrachloroethane	52 32	5 0	50	0	105	72-120	0			
1,1,2-Trichloroethane	51.61	5 0	50	0	103	80-120	0			
1,1-Dichloroethane	48 17	5 0	50	0	96 3	76-120	0			
1,1-Dichloroethene	42 45	5 0	50	0	84 9	73-124	0			
1,2-Dichloroethane	53 89	5 0	50	0	108	78-120	0			
1,2-Dichloropropane	49 13	5 0	50	0	98 3	80-120	0			
2-Butanone	105 4	10	100	0	105	58-132	0			
2-Hexanone	125 9	10	100	0	126	61-130	0			
4-Methyl-2-pentanone	129 8	10	100	0	130	65-127	0			S
Acetone	101 1	10	100	7 199	93 9	59-137	0			
Allyl Chloride	46 14	10	50	0	92 3	60-137	0			
Benzene	69 32	5 0	50	22 81	93	73-121	0			
Bromodichloromethane	52 83	5 0	50	0	106	80-120	0			
Bromoform	53 98	5 0	50	0	108	79-120	0			
Bromomethane	62 21	5 0	50	0	124	66-137	0			
Carbon disulfide	87 26	10	100	0	87 3	68-141	0			
Carbon tetrachloride	45 84	5.0	50	0	91 7	75-124	0			
Chlorobenzene	45 89	5 0	50	0	91 8	80-120	0			
Chloroethane	50 38	5 0	50	0	101	76-121	0			
Chloroform	49 09	5 0	50	0	98 2	80-120	0			
Chloromethane	44 03	5 0	50	0	88 1	67-123	0			
cis-1,2-Dichloroethene	50 98	5 0	50	0	102	78-120	0			
cis-1,3-Dichloropropene	51 99	5 0	50	0	104	80-120	0			
Dibromochloromethane	52 25	5 0	50	0	104	80-120	0			
Ethylbenzene	38 4	5 0	50	0	76 8	80-120	0			S
m,p-Xylene	90 8	10	100	0	90 8	78-121	0			
Methyl tert-butyl ether	52 84	5 0	50	0	106	73-121	0			
Methylene chloride	51 75	10	50	0	103	65-133	0			
Naphthalene	50 59	5 0	50	0	101	65-135	0			
o-Xylene	46 14	5 0	50	0	92 3	80-120	0			
Styrene	48 15	5 0	50	0	96 3	80-120	0			
Tert-butyl alcohol	1158	100	1000	0	116	56-144	0			
Tetrachloroethene	37 41	5 0	50	0	74 8	79-120	0			S
Toluene	62 09	5 0	50	21 41	81 4	80-120	0			
trans-1,2-Dichloroethene	46 16	5 0	50	0	92 3	78-120	0			
trans-1,3-Dichloropropene	53 91	5 0	50	0	108	80-120	0			
Trichloroethene	44 18	5 0	50	0	88 4	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	42 27	2 0	50	0	84 5	70-127	0
Xylenes, Total	136 9	15	150	0	91 3	80-120	0
Surr 1,2-Dichloroethane-d4	50 42	5 0	*50*	0	*101*	*70-125*	0
Surr 4-Bromofluorobenzene	50 12	5 0	*50*	0	*100*	*72-125*	0
Surr Dibromofluoromethane	50 2	5 0	*50*	0	*100*	*71-125*	0
Surr Toluene-d8	47 73	5 0	*50*	0	*95 5*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144285** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303642-02AMSD** Units **µg/L** Analysis Date **3/20/2013 06:27 PM**
Client ID Run ID **VOA1_130320A** SeqNo **3146799** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48 74	5 0	50	0	97 5	80-120	45 43	7 04	20	
1,1,2,2-Tetrachloroethane	53 54	5 0	50	0	107	72-120	52 32	2 32	20	
1,1,2-Trichloroethane	48 97	5 0	50	0	97.9	80-120	51 61	5 26	20	
1,1-Dichloroethane	48 35	5 0	50	0	96.7	76-120	48 17	0 371	20	
1,1-Dichloroethene	45 67	5 0	50	0	91.3	73-124	42 45	7 32	20	
1,2-Dichloroethane	52 02	5 0	50	0	104	78-120	53 89	3 53	20	
1,2-Dichloropropane	50 31	5 0	50	0	101	80-120	49 13	2 37	20	
2-Butanone	116 2	10	100	0	116	58-132	105.4	9 74	20	
2-Hexanone	125 5	10	100	0	125	61-130	125 9	0 311	20	
4-Methyl-2-pentanone	132 4	10	100	0	132	65-127	129.8	2 05	20	S
Acetone	95 03	10	100	7 199	87 8	59-137	101.1	6 16	20	
Allyl Chloride	47 31	10	50	0	94 6	60-137	46 14	2 5	20	
Benzene	68 16	5 0	50	22 81	90 7	73-121	69 32	1 7	20	
Bromodichloromethane	52 76	5 0	50	0	106	80-120	52 83	0 121	20	
Bromoform	52 2	5 0	50	0	104	79-120	53 98	3 36	20	
Bromomethane	53 74	5 0	50	0	107	66-137	62 21	14 6	20	
Carbon disulfide	93 64	10	100	0	93 6	68-141	87 26	7 06	20	
Carbon tetrachloride	46 69	5 0	50	0	93 4	75-124	45 84	1 84	20	
Chlorobenzene	45 08	5 0	50	0	90 2	80-120	45 89	1 78	20	
Chloroethane	52 52	5 0	50	0	105	76-121	50 38	4 15	20	
Chloroform	52 01	5 0	50	0	104	80-120	49 09	5 79	20	
Chloromethane	47 23	5 0	50	0	94 5	67-123	44 03	7 01	20	
cis-1,2-Dichloroethene	53 13	5 0	50	0	106	78-120	50 98	4 12	20	
cis-1,3-Dichloropropene	51 24	5 0	50	0	102	80-120	51 99	1 44	20	
Dibromochloromethane	50 68	5 0	50	0	101	80-120	52 25	3 06	20	
Ethylbenzene	44 96	5 0	50	0	89 9	80-120	38 4	15 7	20	
m,p-Xylene	85 94	10	100	0	85 9	78-121	90 8	5 49	20	
Methyl tert-butyl ether	54 8	5 0	50	0	110	73-121	52 84	3 64	20	
Methylene chloride	50 36	10	50	0	101	65-133	51 75	2.7	20	
Naphthalene	53 37	5 0	50	0	107	65-135	50 59	5 33	20	
o-Xylene	44 94	5 0	50	0	89 9	80-120	46 14	2 64	20	
Styrene	46 27	5 0	50	0	92 5	80-120	48 15	3 98	20	
Tert-butyl alcohol	1295	100	1000	0	130	56-144	1158	11 2	20	
Tetrachloroethene	38 96	5 0	50	0	77 9	79-120	37 41	4 07	20	S
Toluene	62 11	5 0	50	21 41	81 4	80-120	62 09	0 025	20	
trans-1,2-Dichloroethene	48 51	5 0	50	0	97	78-120	46 16	4 97	20	
trans-1,3-Dichloropropene	55 18	5 0	50	0	110	80-120	53 91	2 33	20	
Trichloroethene	46 15	5.0	50	0	92 3	80-120	44 18	4 36	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID. **R144285**	Instrument ID **VOA1**		Method **SW8260**						
Vinyl chloride	48 59	2.0	50	0	97 2	70-127	42 27	13 9	20
Xylenes, Total	130 9	15	150	0	87 3	78-121	136 9	4 52	20
Surr 1,2-Dichloroethane-d4	51 61	5 0	*50*	0	*103*	*70-125*	50 42	*2 33*	*20*
Surr 4-Bromofluorobenzene	48 07	5 0	*50*	0	*96 1*	*72-125*	50 12	*4 18*	*20*
Surr Dibromofluoromethane	53 01	5 0	*50*	0	*106*	*71-125*	50.2	*5 45*	*20*
Surr Toluene-d8	46 9	5 0	*50*	0	*93 8*	*75-125*	47.73	*1 76*	*20*

The following samples were analyzed in this batch:

1303544-11A	1303544-12A	1303544-15A
1303544-16A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144296** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130320-R144296** Units **µg/L** Analysis Date **3/20/2013 01:13 PM**
Client ID Run ID **VOA6_130320A** SeqNo **3145943** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	U	100								
Surr 1,2-Dichloroethane-d4	52 15	5 0	*50*	0	*104*	*70-125*	0			
Surr 4-Bromofluorobenzene	48 95	5 0	*50*	0	*97 9*	*72-125*	0			
Surr. Dibromofluoromethane	48 36	5 0	*50*	0	*96 7*	*71-125*	0			
Surr Toluene-d8	48 3	5 0	*50*	0	*96 6*	*75-125*	0			

LCS Sample ID **VLCSW-130320-R144296** Units **µg/L** Analysis Date **3/20/2013 11:59 AM**
Client ID Run ID. **VOA6_130320A** SeqNo **3145942** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1078	100	1000	0	108	56-144	0			
Surr 1,2-Dichloroethane-d4	51 29	5 0	*50*	0	*103*	*70-125*	0			
Surr 4-Bromofluorobenzene	50 35	5 0	*50*	0	*101*	*72-125*	0			
Surr Dibromofluoromethane	51 03	5 0	*50*	0	*102*	*71-125*	0			
Surr Toluene-d8	49 88	5 0	*50*	0	*99 8*	*75-125*	0			

MS Sample ID **1303587-29AMS** Units **µg/L** Analysis Date **3/20/2013 03:26 PM**
Client ID Run ID **VOA6_130320A** SeqNo **3146231** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1208	100	1000	0	121	56-144	0			
Surr 1,2-Dichloroethane-d4	49 65	5 0	*50*	0	*99 3*	*70-125*	0			
Surr 4-Bromofluorobenzene	51 61	5 0	*50*	0	*103*	*72-125*	0			
Surr Dibromofluoromethane	49 17	5 0	*50*	0	*98 3*	*71-125*	0			
Surr Toluene-d8	49 49	5 0	*50*	0	*99*	*75-125*	0			

MSD Sample ID **1303587-29AMSD** Units **µg/L** Analysis Date **3/20/2013 03:50 PM**
Client ID Run ID **VOA6_130320A** SeqNo **3146232** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tert-butyl alcohol	1257	100	1000	0	126	56-144	1208	3 97	20	
Surr 1,2-Dichloroethane-d4	51 49	5 0	*50*	0	*103*	*70-125*	49 65	*3 63*	*20*	
Surr 4-Bromofluorobenzene	51	5 0	*50*	0	*102*	*72-125*	51 61	*1 18*	*20*	
Surr Dibromofluoromethane	51 03	5 0	*50*	0	*102*	*71-125*	49 17	*3 71*	*20*	
Surr Toluene-d8	49 2	5 0	*50*	0	*98 4*	*75-125*	49 49	*0 603*	*20*	

The following samples were analyzed in this batch: 1303544-08A 1303544-12A 1303544-13A 1303544-14A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-130321-R144363** Units **µg/L** Analysis Date **3/21/2013 12:27 PM**
Client ID Run ID. **VOA1_130321A** SeqNo **3147556** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Allyl Chloride	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dibromochloromethane	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Methylene chloride	U	10								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tert-butyl alcohol	U	100								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	U	2 0					
Xylenes, Total	U	15					
Surr 1,2-Dichloroethane-d4	49 78	5 0	*50*	0	*99 6*	*70-125*	0
Surr 4-Bromofluorobenzene	45 94	5 0	*50*	0	*91 9*	*72-125*	0
Surr Dibromofluoromethane	51 67	5 0	*50*	0	*103*	*71-125*	0
Surr Toluene-d8	46 37	5 0	*50*	0	*92.7*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

LCS Sample ID **VLCSW-130321-R144363** Units **µg/L** Analysis Date **3/21/2013 12:52 PM**
Client ID Run ID **VOA1_130321A** SeqNo **3147557** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50 57	5 0	50	0	101	80-120	0			
1,1,2,2-Tetrachloroethane	51 15	5 0	50	0	102	72-120	0			
1,1,2-Trichloroethane	55 24	5 0	50	0	110	80-120	0			
1,1-Dichloroethane	52 85	5 0	50	0	106	76-120	0			
1,1-Dichloroethene	49 79	5 0	50	0	99 6	73-124	0			
1,2-Dichloroethane	46 82	5 0	50	0	93 6	78-120	0			
1,2-Dichloropropane	51 57	5 0	50	0	103	80-120	0			
2-Butanone	94 47	10	100	0	94 5	58-132	0			
2-Hexanone	103 5	10	100	0	103	61-130	0			
4-Methyl-2-pentanone	102 7	10	100	0	103	65-127	0			
Acetone	84 85	10	100	0	84 8	59-137	0			
Allyl Chloride	49 99	10	50	0	100	60-137	0			
Benzene	44 96	5 0	50	0	89 9	73-121	0			
Bromodichloromethane	51 51	5 0	50	0	103	80-120	0			
Bromoform	55 63	5 0	50	0	111	79-120	0			
Bromomethane	54 69	5 0	50	0	109	66-137	0			
Carbon disulfide	99 96	10	100	0	100	68-141	0			
Carbon tetrachloride	50 33	5 0	50	0	101	75-124	0			
Chlorobenzene	50 1	5 0	50	0	100	80-120	0			
Chloroethane	56 26	5 0	50	0	113	76-121	0			
Chloroform	52 65	5 0	50	0	105	80-120	0			
Chloromethane	46 98	5 0	50	0	94	67-123	0			
cis-1,2-Dichloroethene	53 72	5 0	50	0	107	78-120	0			
cis-1,3-Dichloropropene	48 95	5 0	50	0	97.9	80-120	0			
Dibromochloromethane	54 59	5 0	50	0	109	80-120	0			
Ethylbenzene	52 84	5 0	50	0	106	80-120	0			
m,p-Xylene	103 7	10	100	0	104	78-121	0			
Methyl tert-butyl ether	50 7	5 0	50	0	101	73-121	0			
Methylene chloride	53 02	10	50	0	106	65-133	0			
Naphthalene	50 86	5 0	50	0	102	65-135	0			
o-Xylene	51 27	5 0	50	0	103	80-120	0			
Styrene	55 64	5 0	50	0	111	80-120	0			
Tert-butyl alcohol	908 3	100	1000	0	90 8	56-144	0			
Tetrachloroethene	49 82	5 0	50	0	99 6	79-120	0			
Toluene	52 34	5 0	50	0	105	80-120	0			
trans-1,2-Dichloroethene	50 59	5 0	50	0	101	78-120	0			
trans-1,3-Dichloropropene	50 53	5 0	50	0	101	80-120	0			
Trichloroethene	49 86	5 0	50	0	99 7	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	51 33	2 0	50	0	103	70-127	0
Xylenes, Total	155	15	150	0	103	80-120	0
Surr 1,2-Dichloroethane-d4	48 45	5 0	*50*	0	*96 9*	*70-125*	0
Surr 4-Bromofluorobenzene	53 87	5 0	*50*	0	*108*	*72-125*	0
Surr Dibromofluoromethane	49 4	5 0	*50*	0	*98 8*	*71-125*	0
Surr. Toluene-d8	51 75	5 0	*50*	0	*104*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **1303544-03AMS** Units **µg/L** Analysis Date **3/21/2013 03:45 PM**
Client ID **S1-149** Run ID **VOA1_130321A** SeqNo **3147692** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2553	250	2500	0	102	80-120	0			
1,1,2,2-Tetrachloroethane	2599	250	2500	0	104	72-120	0			
1,1,2-Trichloroethane	2752	250	2500	0	110	80-120	0			
1,1-Dichloroethane	2658	250	2500	149 5	100	76-120	0			
1,1-Dichloroethene	2295	250	2500	43 44	90 1	73-124	0			
1,2-Dichloroethane	5966	250	2500	3370	104	78-120	0			
1,2-Dichloropropane	2469	250	2500	0	98 8	80-120	0			
2-Butanone	5166	500	5000	0	103	58-132	0			
2-Hexanone	5060	500	5000	0	101	61-130	0			
4-Methyl-2-pentanone	5428	500	5000	0	109	65-127	0			
Acetone	4292	500	5000	0	85 8	59-137	0			
Allyl Chloride	2520	500	2500	0	101	60-137	0			
Benzene	2481	250	2500	0	99 2	73-121	0			
Bromodichloromethane	2713	250	2500	0	109	80-120	0			
Bromoform	2797	250	2500	0	112	79-120	0			
Bromomethane	2533	250	2500	0	101	66-137	0			
Carbon disulfide	4634	500	5000	0	92.7	68-141	0			
Carbon tetrachloride	2189	250	2500	0	87 6	75-124	0			
Chlorobenzene	2451	250	2500	0	98	80-120	0			
Chloroethane	2695	250	2500	0	108	76-121	0			
Chloroform	2636	250	2500	90 91	102	80-120	0			
Chloromethane	2170	250	2500	0	86 8	67-123	0			
cis-1,2-Dichloroethene	3113	250	2500	487 6	105	78-120	0			
cis-1,3-Dichloropropene	2622	250	2500	0	105	80-120	0			
Dibromochloromethane	2711	250	2500	0	108	80-120	0			
Ethylbenzene	2486	250	2500	0	99 4	80-120	0			
m,p-Xylene	4860	500	5000	0	97 2	78-121	0			
Methyl tert-butyl ether	2637	250	2500	0	105	73-121	0			
Methylene chloride	2866	500	2500	0	115	65-133	0			
Naphthalene	2324	250	2500	0	93	65-135	0			
o-Xylene	2319	250	2500	0	92 7	80-120	0			
Styrene	2518	250	2500	0	101	80-120	0			
Tert-butyl alcohol	52560	5,000	50000	0	105	56-144	0			
Tetrachloroethene	2251	250	2500	0	90	79-120	0			
Toluene	2493	250	2500	0	99 7	80-120	0			
trans-1,2-Dichloroethene	2534	250	2500	0	101	78-120	0			
trans-1,3-Dichloropropene	2664	250	2500	0	107	80-120	0			
Trichloroethene	2470	250	2500	80 44	95 6	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	2428	100	2500	229 8	87 9	70-127	0
Xylenes, Total	7178	750	7500	0	95.7	80-120	0
Surr. 1,2-Dichloroethane-d4	2476	250	*2500*	0	*99*	*70-125*	0
Surr 4-Bromofluorobenzene	2496	250	*2500*	0	*99 9*	*72-125*	0
Surr Dibromofluoromethane	2705	250	*2500*	0	*108*	*71-125*	0
Surr. Toluene-d8	2522	250	*2500*	0	*101*	*75-125*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **1303544-03AMSD** Units **µg/L** Analysis Date **3/21/2013 04:10 PM**
Client ID **S1-149** Run ID **VOA1_130321A** SeqNo **3147693** Prep Date DF **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2594	250	2500	0	104	80-120	2553	1 59	20	
1,1,2,2-Tetrachloroethane	2405	250	2500	0	96 2	72-120	2599	7 79	20	
1,1,2-Trichloroethane	2538	250	2500	0	102	80-120	2752	8 06	20	
1,1-Dichloroethane	2731	250	2500	149 5	103	76-120	2658	2 72	20	
1,1-Dichloroethene	2425	250	2500	43 44	95 3	73-124	2295	5 48	20	
1,2-Dichloroethane	6035	250	2500	3370	107	78-120	5966	1 16	20	
1,2-Dichloropropane	2595	250	2500	0	104	80-120	2469	4 96	20	
2-Butanone	5062	500	5000	0	101	58-132	5166	2 04	20	
2-Hexanone	4945	500	5000	0	98 9	61-130	5060	2 3	20	
4-Methyl-2-pentanone	5065	500	5000	0	101	65-127	5428	6 92	20	
Acetone	4655	500	5000	0	93 1	59-137	4292	8 11	20	
Allyl Chloride	2470	500	2500	0	98 8	60-137	2520	1 98	20	
Benzene	2733	250	2500	0	109	73-121	2481	9 67	20	
Bromodichloromethane	2720	250	2500	0	109	80-120	2713	0 263	20	
Bromoform	2590	250	2500	0	104	79-120	2797	7 66	20	
Bromomethane	2553	250	2500	0	102	66-137	2533	0 772	20	
Carbon disulfide	4749	500	5000	0	95	68-141	4634	2 46	20	
Carbon tetrachloride	2491	250	2500	0	99 6	75-124	2189	12.9	20	
Chlorobenzene	2428	250	2500	0	97 1	80-120	2451	0 947	20	
Chloroethane	2729	250	2500	0	109	76-121	2695	1 26	20	
Chloroform	2655	250	2500	90 91	103	80-120	2636	0 718	20	
Chloromethane	2259	250	2500	0	90 4	67-123	2170	4 01	20	
cis-1,2-Dichloroethene	3080	250	2500	487 6	104	78-120	3113	1 05	20	
cis-1,3-Dichloropropene	2821	250	2500	0	113	80-120	2622	7 33	20	
Dibromochloromethane	2466	250	2500	0	98 6	80-120	2711	9.5	20	
Ethylbenzene	2370	250	2500	0	94 8	80-120	2486	4 77	20	
m,p-Xylene	4822	500	5000	0	96 4	78-121	4860	0 784	20	
Methyl tert-butyl ether	2537	250	2500	0	101	73-121	2637	3 85	20	
Methylene chloride	2754	500	2500	0	110	65-133	2866	3 96	20	
Naphthalene	2457	250	2500	0	98 3	65-135	2324	5 57	20	
o-Xylene	2414	250	2500	0	96 6	80-120	2319	4 04	20	
Styrene	2412	250	2500	0	96 5	80-120	2518	4.3	20	
Tert-butyl alcohol	53960	5,000	50000	0	108	56-144	52560	2 64	20	
Tetrachloroethene	2296	250	2500	0	91 8	79-120	2251	1 99	20	
Toluene	2344	250	2500	0	93 8	80-120	2493	6 17	20	
trans-1,2-Dichloroethene	2377	250	2500	0	95 1	78-120	2534	6 38	20	
trans-1,3-Dichloropropene	2704	250	2500	0	108	80-120	2664	1 46	20	
Trichloroethene	2571	250	2500	80 44	99 6	80-120	2470	3 99	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144363** Instrument ID **VOA1** Method **SW8260**

Vinyl chloride	2765	100	2500	229 8	101	70-127	2428	13	20
Xylenes, Total	7236	750	7500	0	96 5	78-121	7178	0 801	20
Surr 1,2-Dichloroethane-d4	2396	250	*2500*	0	*95 8*	*70-125*	2476	*3 28*	*20*
Surr 4-Bromofluorobenzene	2504	250	*2500*	0	*100*	*72-125*	2496	*0 311*	*20*
Surr Dibromofluoromethane	2564	250	*2500*	0	*103*	*71-125*	2705	*5 35*	*20*
Surr Toluene-d8	2311	250	*2500*	0	*92 4*	*75-125*	2522	*8 74*	*20*

The following samples were analyzed in this batch: 1303544-03A 1303544-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144367** Instrument ID **VOA6** Method **SW8260**

MBLK Sample ID **VBLKW-130321-R144367** Units **µg/L** Analysis Date **3/21/2013 02:18 PM**
Client ID Run ID **VOA6_130321A** SeqNo **3147627** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	U	5 0								
cis-1,2-Dichloroethene	U	5 0								
Tert-butyl alcohol	U	100								
Vinyl chloride	U	2 0								
Surr 1,2-Dichloroethane-d4	51 13	5 0	*50*	0	*102*	*70-125*	0			
Surr. 4-Bromofluorobenzene	51 56	5 0	*50*	0	*103*	*72-125*	0			
Surr Dibromofluoromethane	50 66	5 0	*50*	0	*101*	*71-125*	0			
Surr Toluene-d8	49 93	5 0	*50*	0	*99 9*	*75-125*	0			

LCS Sample ID **VLCSW-130321-R144367** Units **µg/L** Analysis Date **3/21/2013 01:05 PM**
Client ID. Run ID **VOA6_130321A** SeqNo **3147626** Prep Date DF· **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	52 29	5 0	50	0	105	78-120	0			
cis-1,2-Dichloroethene	50 17	5 0	50	0	100	78-120	0			
Tert-butyl alcohol	1101	100	1000	0	110	56-144	0			
Vinyl chloride	48 32	2 0	50	0	96 6	70-127	0			
Surr. 1,2-Dichloroethane-d4	51 93	5 0	*50*	0	*104*	*70-125*	0			
Surr· 4-Bromofluorobenzene	51 82	5 0	*50*	0	*104*	*72-125*	0			
Surr. Dibromofluoromethane	50 55	5 0	*50*	0	*101*	*71-125*	0			
Surr Toluene-d8	50 51	5 0	*50*	0	*101*	*75-125*	0			

MS Sample ID· **1303587-51AMS** Units· **µg/L** Analysis Date **3/21/2013 05:11 PM**
Client ID Run ID **VOA6_130321A** SeqNo **3148131** Prep Date DF **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	2271	120	1250	1065	96 5	78-120	0			
cis-1,2-Dichloroethene	1863	120	1250	655 3	96 6	78-120	0			
Tert-butyl alcohol	28810	2,500	25000	0	115	56-144	0			
Vinyl chloride	991 8	50	1250	63 49	74 3	70-127	0			
Surr· 1,2-Dichloroethane-d4	1300	120	*1250*	0	*104*	*70-125*	0			
Surr· 4-Bromofluorobenzene	1312	120	*1250*	0	*105*	*72-125*	0			
Surr Dibromofluoromethane	1239	120	*1250*	0	*99 1*	*71-125*	0			
Surr Toluene-d8	1237	120	*1250*	0	*98 9*	*75-125*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Work Order: 1303544
Project: FLTG 0184582-B

QC BATCH REPORT

Batch ID **R144367** Instrument ID **VOA6** Method **SW8260**

MSD Sample ID **1303587-51AMSD** Units **µg/L** Analysis Date **3/21/2013 05:36 PM**
Client ID Run ID **VOA6_130321A** SeqNo **3148132** Prep Date DF **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dichloroethane	2213	120	1250	1065	91 8	78-120	2271	2 59	20	
cis-1,2-Dichloroethene	1843	120	1250	655 3	95	78-120	1863	1 1	20	
Tert-butyl alcohol	28830	2,500	25000	0	115	56-144	28810	0 0574	20	
Vinyl chloride	949 6	50	1250	63 49	70 9	70-127	991 8	4 35	20	
Surr 1,2-Dichloroethane-d4	1299	120	*1250*	0	*104*	*70-125*	1300	*0.0388*	*20*	
Surr 4-Bromofluorobenzene	1296	120	*1250*	0	*104*	*72-125*	1312	*1 19*	*20*	
Surr Dibromofluoromethane	1265	120	*1250*	0	*101*	*71-125*	1239	*2 09*	*20*	
Surr Toluene-d8	1264	120	*1250*	0	*101*	*75-125*	1237	*2 16*	*20*	

The following samples were analyzed in this batch: 1303544-15A

Note: See Qualifiers Page for a list of Qualifiers and their explanation

Client: Environmental Resources Management
Project: FLTG 0184582-B
WorkOrder: 1303544

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name	ERMSW-HOU	Date/Time Received	14-Mar-13 10:30
Work Order	1303544	Received by	JEM

Checklist completed by Sarah M. Giga (eSignature) 15-Mar-13 (Date) Reviewed by Bernadette A. Fini (eSignature) 18-Mar-13 (Date)

Matrices: Water
Carrier name: ALS HS

	Yes	No	Not Present
Shipping container/cooler in good condition?	☑	☐	☐
Custody seals intact on shipping container/cooler?	☐	☐	☑
Custody seals intact on sample bottles?	☐	☐	☑
Chain of custody present?	☑	☐	
Chain of custody signed when relinquished and received?	☑	☐	
Chain of custody agrees with sample labels?	☑	☐	
Samples in proper container/bottle?	☑	☐	
Sample containers intact?	☑	☐	
Sufficient sample volume for indicated test?	☑	☐	
All samples received within holding time?	☑	☐	
Container/Temp Blank temperature in compliance?	☑	☐	
Temperature(s)/Thermometer(s)	0 5c C/U	IR1	
Cooler(s)/Kit(s)	2756		
Date/Time sample(s) sent to storage	3/15/13 18 35		
Water - VOA vials have zero headspace?	☑	☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	☑	☐	N/A ☐
pH adjusted?	☐	☐	N/A ☑
pH adjusted by	-		

Login Notes

Client Contacted | Date Contacted | Person Contacted

Contacted By | Regarding

Comments

CorrectiveAction

SRC Page 1 of 1

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Chain of Custody F

Page [redacted] of [redacted]

COC ID: 73927

1303544

ERMSW-HOU: Environmental Resources Management

Project: FLTG 0184582-B

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place Suite 300	Address	15810 Park Ten Place Suite 300	E F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281) 600-1000	Phone	(281) 600-1000	H	
Fax	(281) 600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	FLTG -14	3/13/13	0917	H_2O	HCL	3	X										
2	FLTG-13		0940			3	X										
3	SI-149		1007			3	X										
4	SI-153		1053			3	X										
5	INT-127		1105			3	X										
6	INT-118		910		HNO_3	4	X	X									
7	SI-118		935		HNO_3	4	X	X									
8	INT-101		1000		HNO_3	4	X	X									
9	INT-162		1025			3	X										
10	INT-059-P-2		1050		HNO_3	4	X	X									

Sampler(s) Please Print & Sign: [signature] James Rogers

Shipment Method: [redacted]

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by: [signature] Date: [redacted] Time: [redacted] Received by: [signature] 3-14-13 1630

Notes: 10 Day TAT

Relinquished by: Date: 3/13/13 Time: 1550 Received by (Laboratory):

Logged by (Laboratory): [signature] Date: 3-14-13 Time: 12:45 Checked by (Laboratory): [signature]

Cooler ID: 2-SO Cooler Temp.:

QC Package: (Check One Box Below)
☑ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EDD
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

ote: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The C Cust ody Log ment Form must b complete and

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ALS Environmental

Cha[redacted] Custody Form

Page 2 of 2

COC ID: 73222

ALS Project Manager: | ALS Work Order #: 1303544

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	5921	Project Name	FLTG	A	VOC (8260) Site Specific
Work Order		Project Number	0184582-B	B	Total Metals (6020/7000) As Cr, Pb
Company Name	Environmental Resources Management	Bill To Company	Environmental Resources Management	C	
Send Report To	Rob Jaros	Invoice Attn	Rob Jaros	D	
Address	15810 Park Ten Place	Address	15810 Park Ten Place	E	
	Suite 300		Suite 300	F	
City/State/Zip	Houston, TX 77084	City/State/Zip	Houston, TX 77084	G	
Phone	(281)600-1000	Phone	(281) 600-1000	H	
Fax	(281)600-1001	Fax	(281) 600-1001	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	INT-060-8-3	3/13/13	1115	H2O	HCL	3	X										
2	S1-124	↓	920	↓	↓	↓	X										
3	INT-129		1005				X										
4	INT-129 DUP		1010				X										
5	S1-159		1045				X										
6	S1-105		1135				X										
7	S1-136		1445				X										
8	S1-136 (MS)		1450				X										
9	S1-136 (MSD)		1455			↓	X										
10	Trip Blank	↓	—	↓	↓	2	X										

Sampler(s) Please Print & Sign: Jeff Billingsley; [signatures]

Shipment Method: ~~[illegible]~~ Pick Up

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	3/13/13	1550	[signature] 3-14-13 1030
Relinquished by: [signature]	Date: 3-14-13	Time: 12:45	Received by (Laboratory): [signature]
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT

Cooler ID	Cooler Temp.
2756	

QC Package: (Check One Box Below)
- ☑ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other / EDD
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Time vs. Concentration Graphs for Selected Wells

Appendix B

July 2, 2013
Project No. 0184582

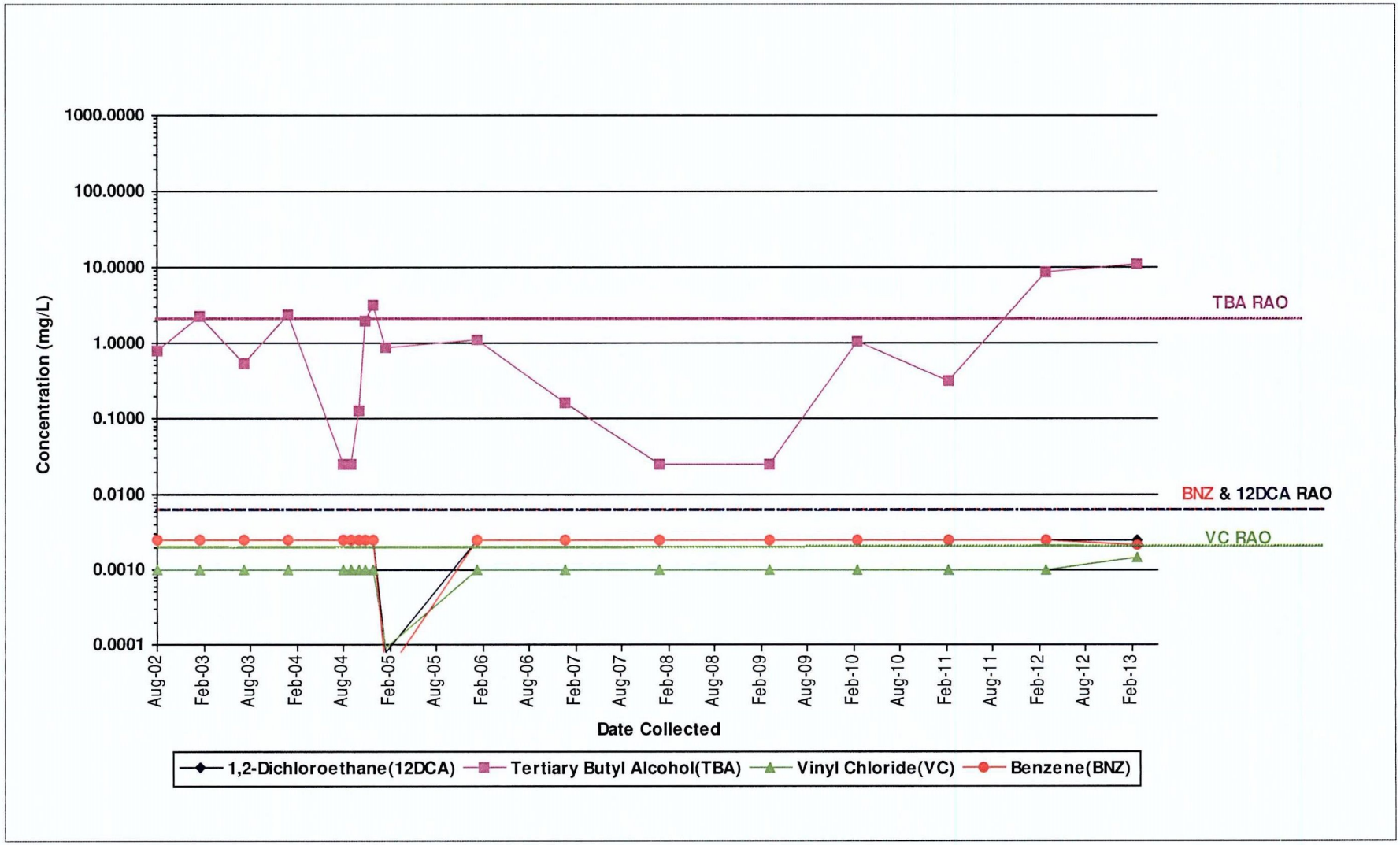
Environmental Resources Management
15810 Park Ten Place, Suite 300
Houston, Texas 77084-5140
(281) 600-1000

G:\2013\0184582\19269Hrpt.docx

CENTRAL PLUME AREA

Unit Screened: S1

Well: FLTG-014

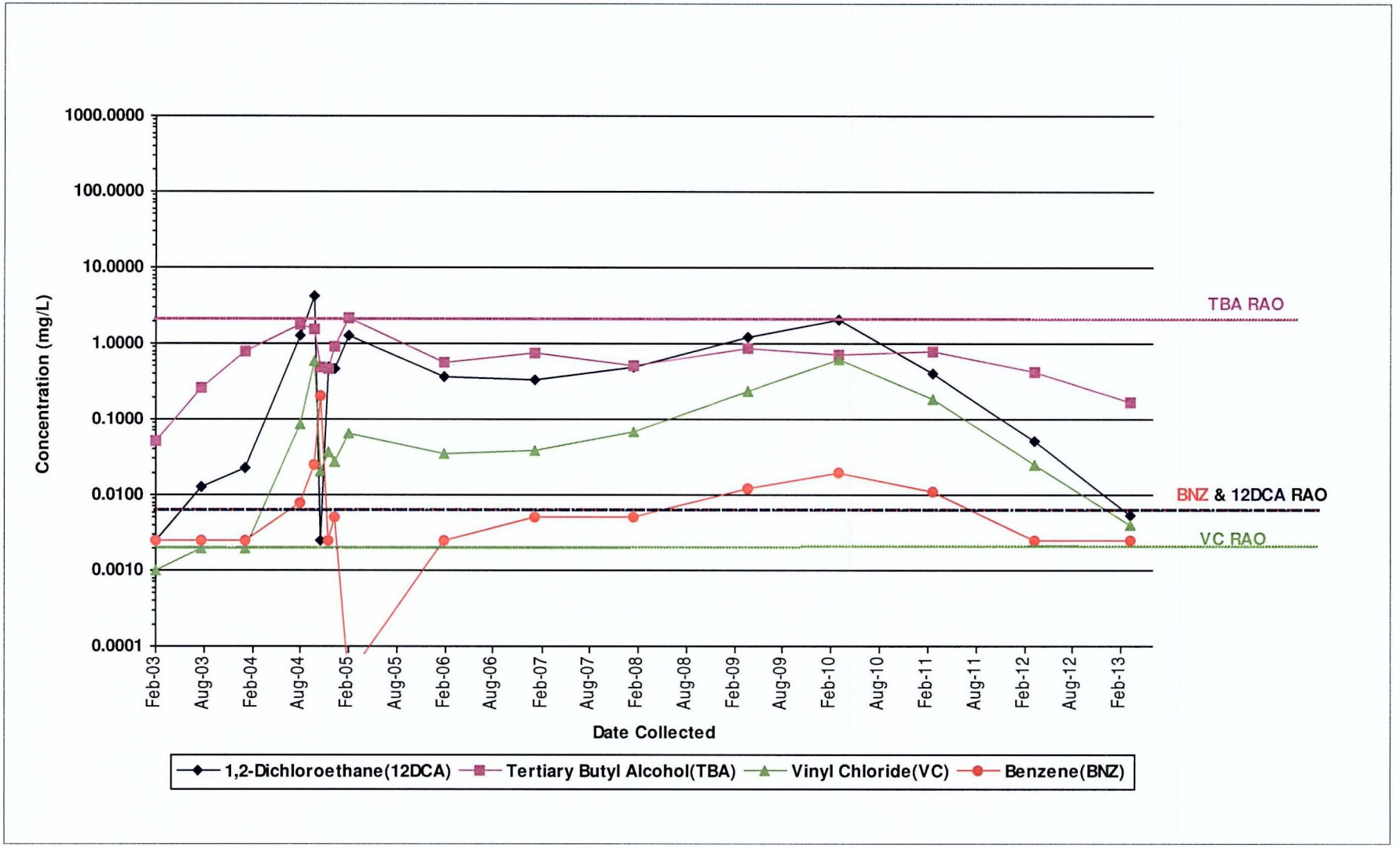


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-106A

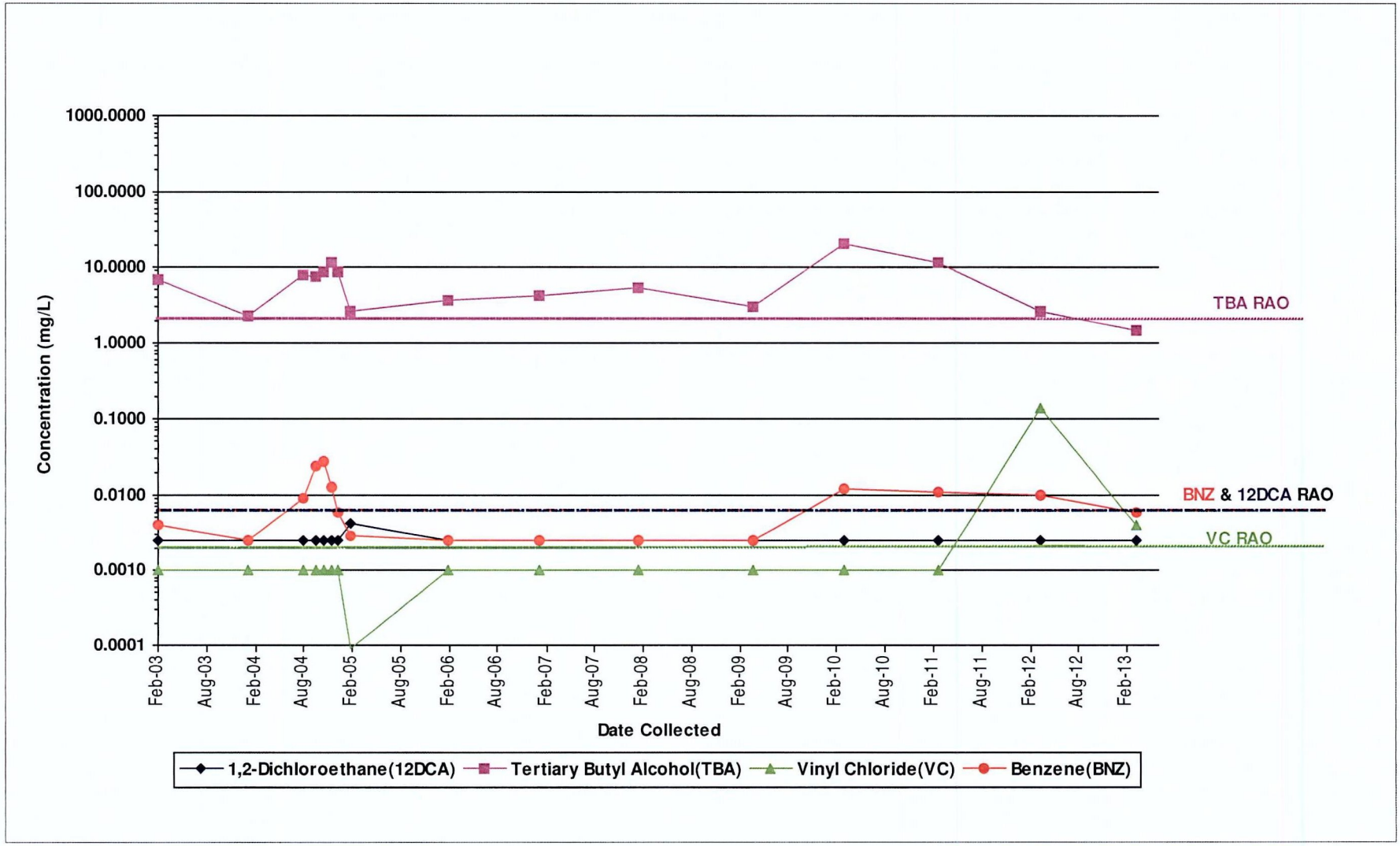


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-106R

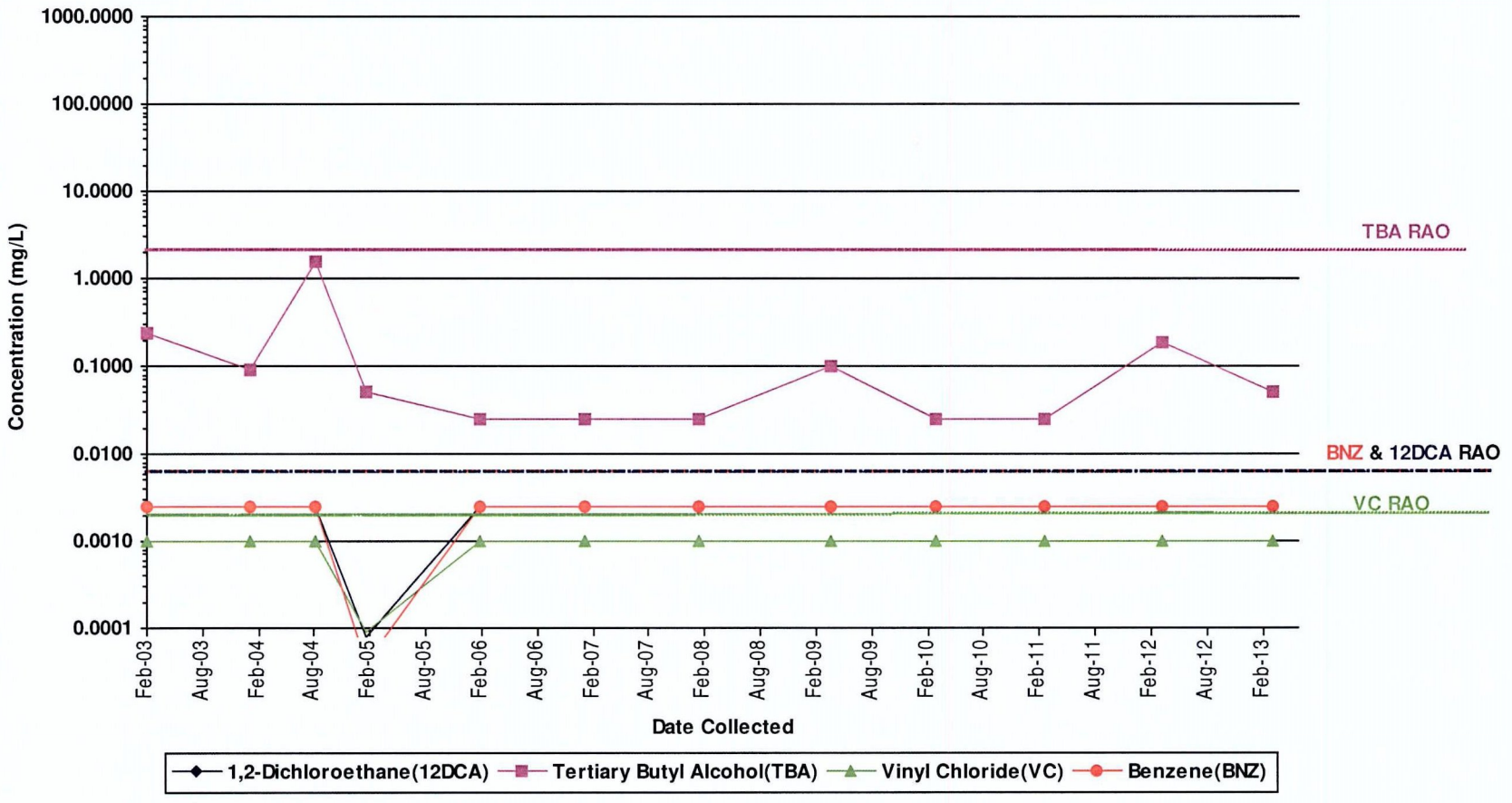


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-108A

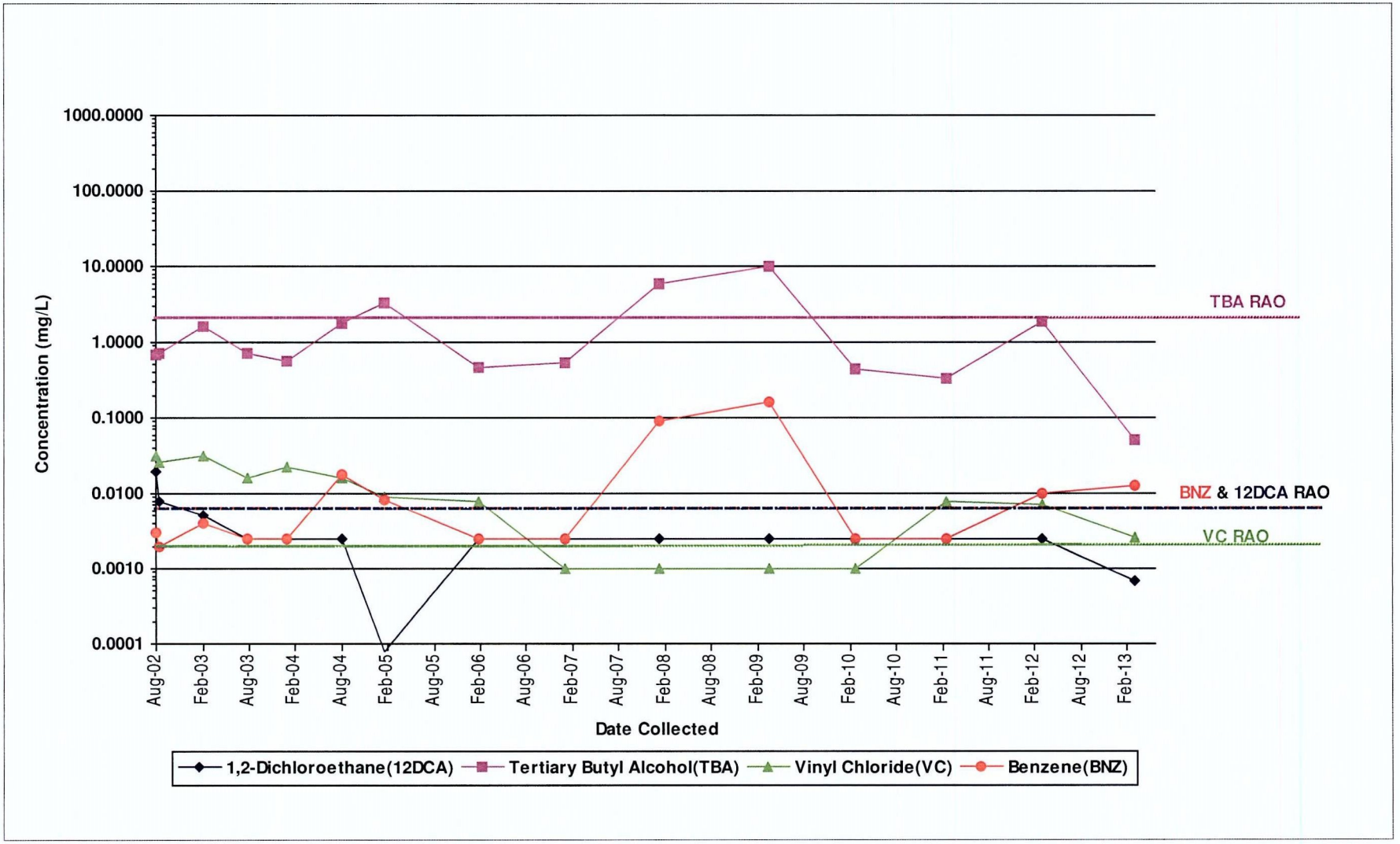


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-121

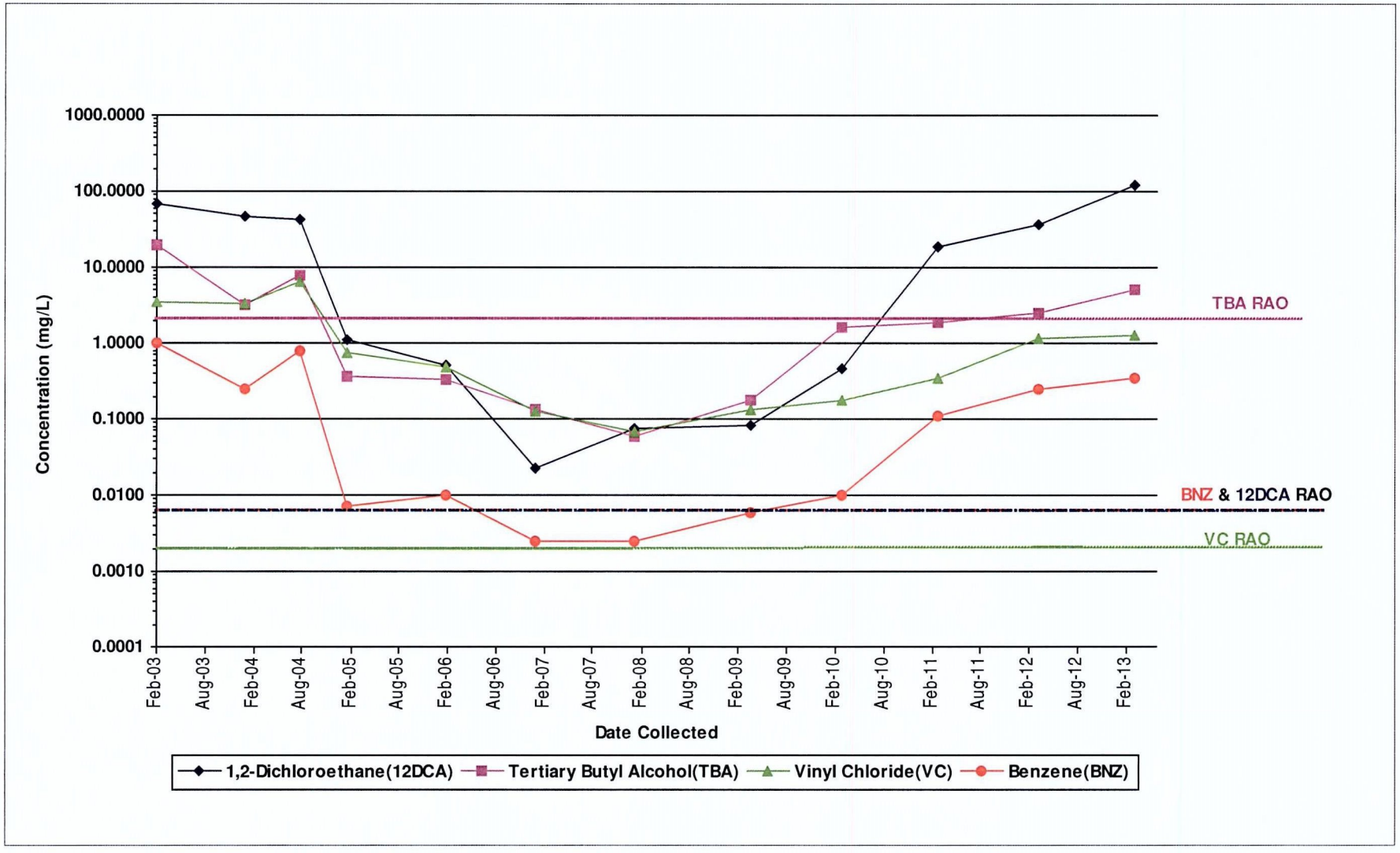


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-123

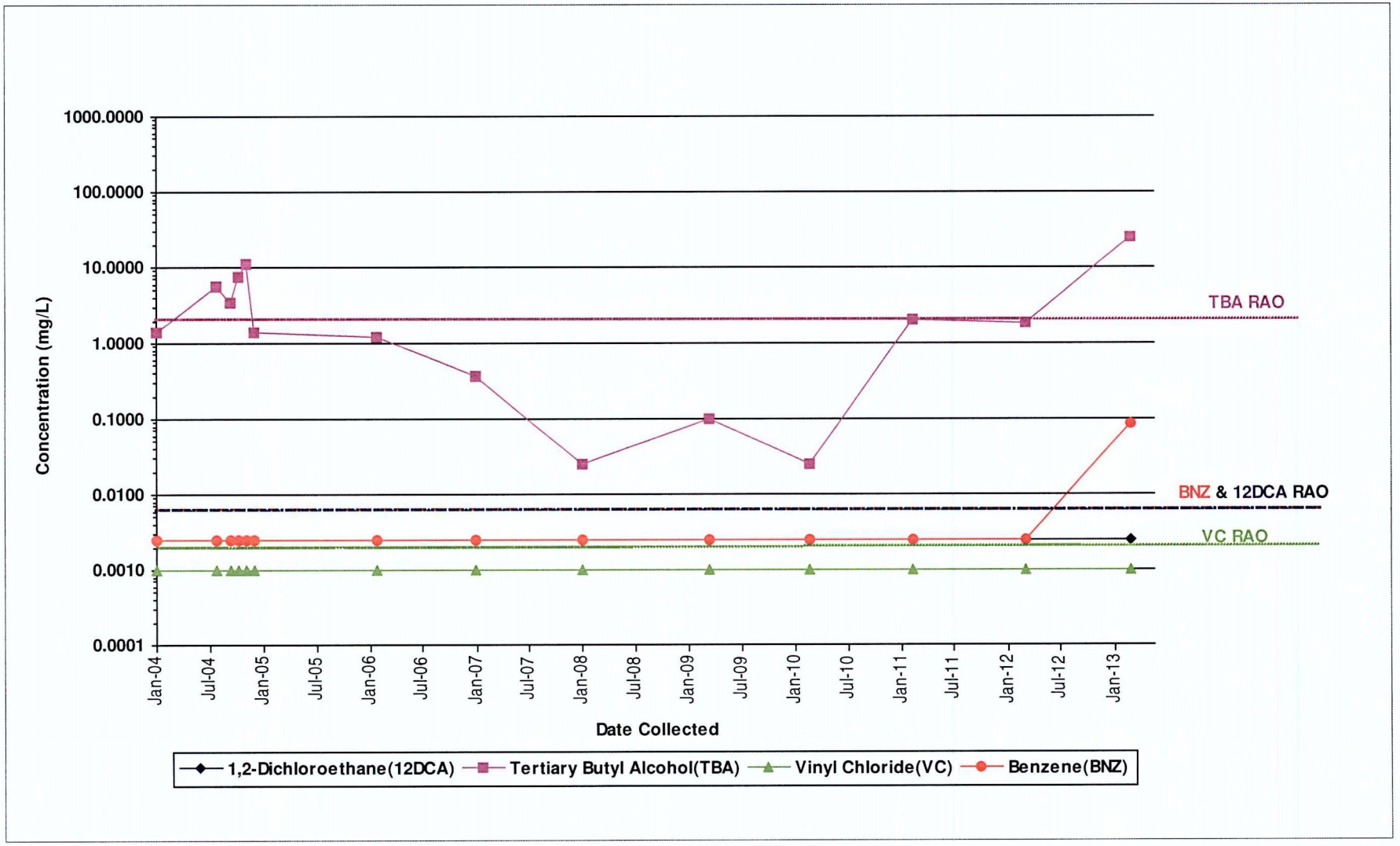


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-142

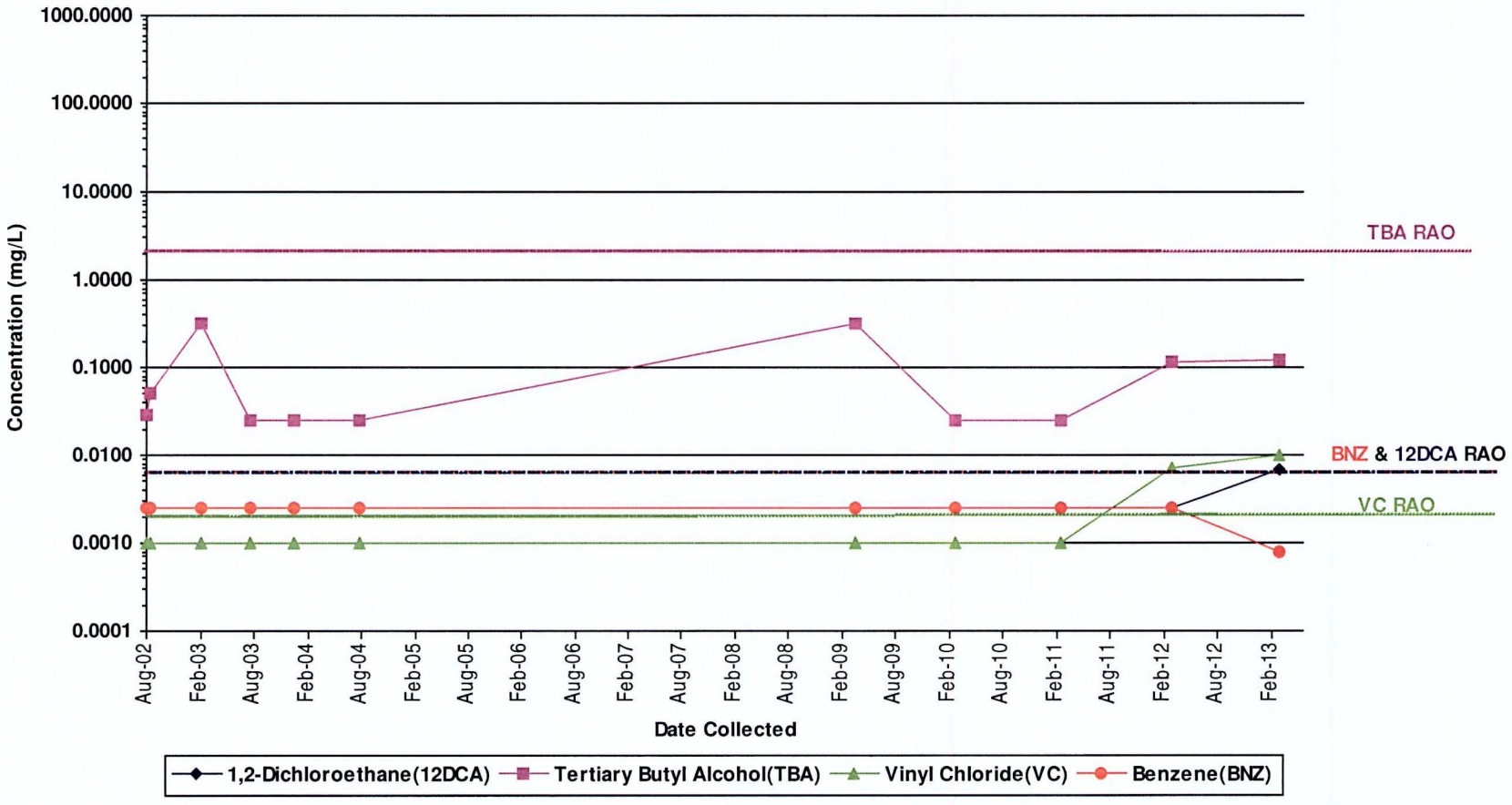


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-143



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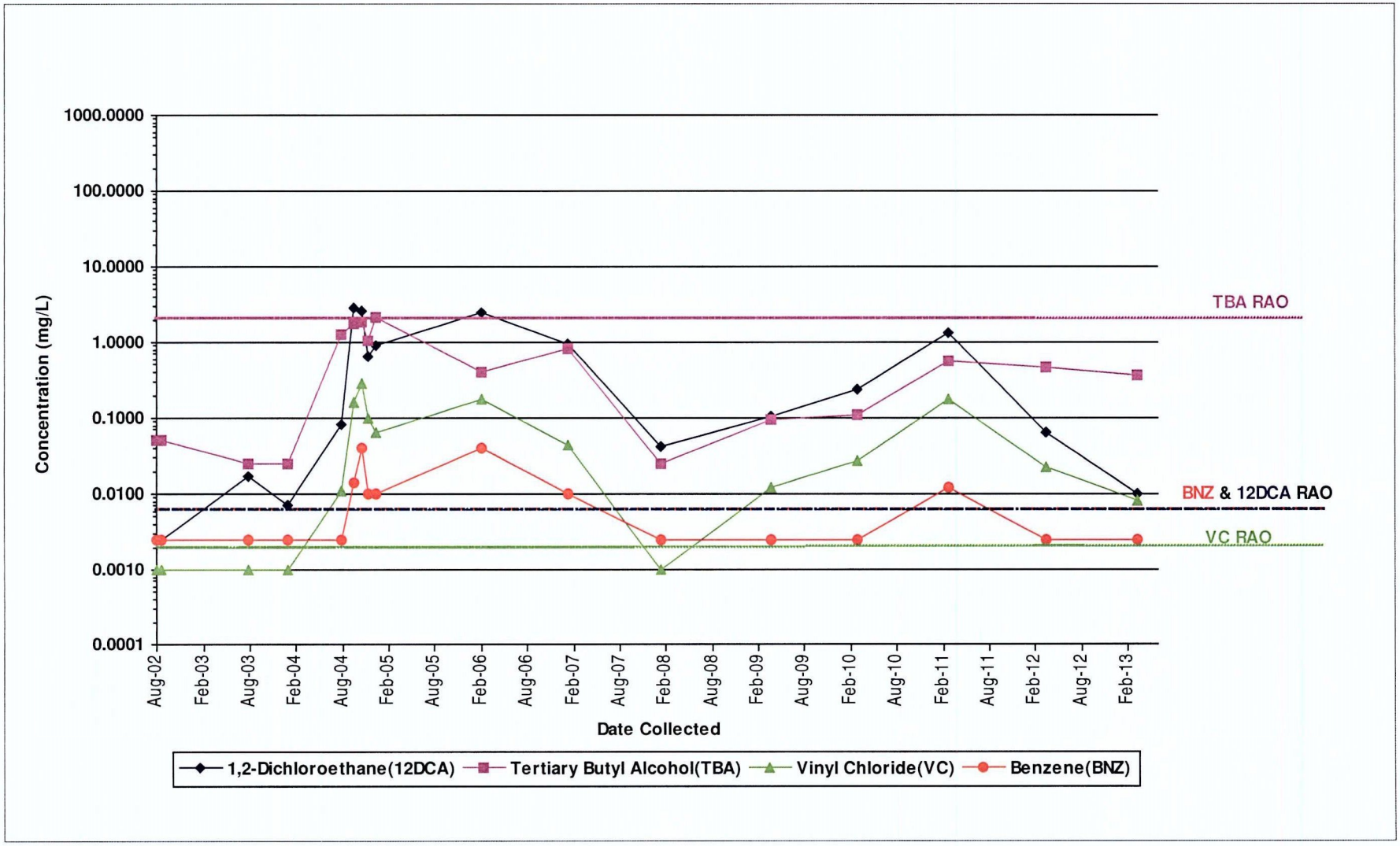
CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-144



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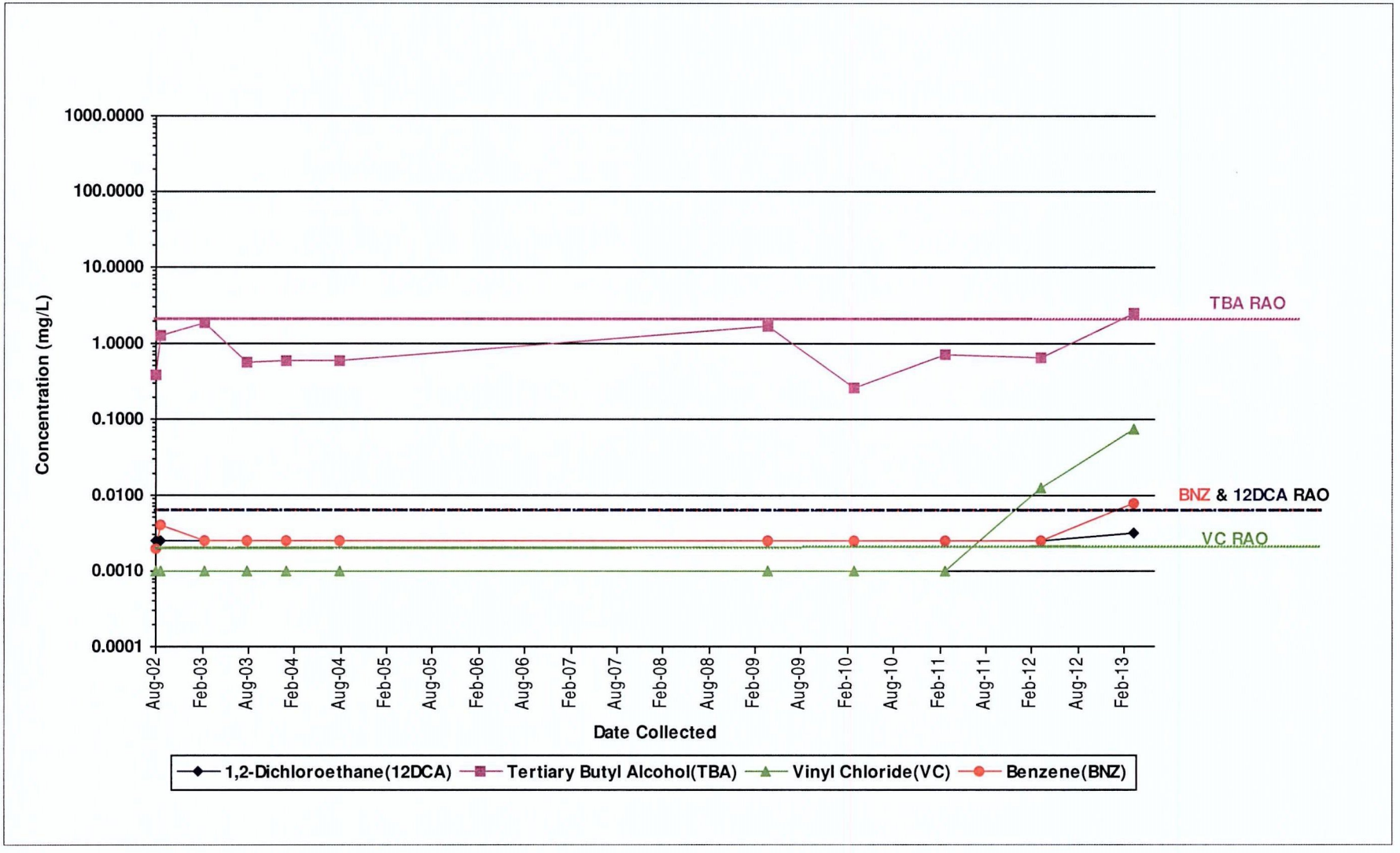
CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-145

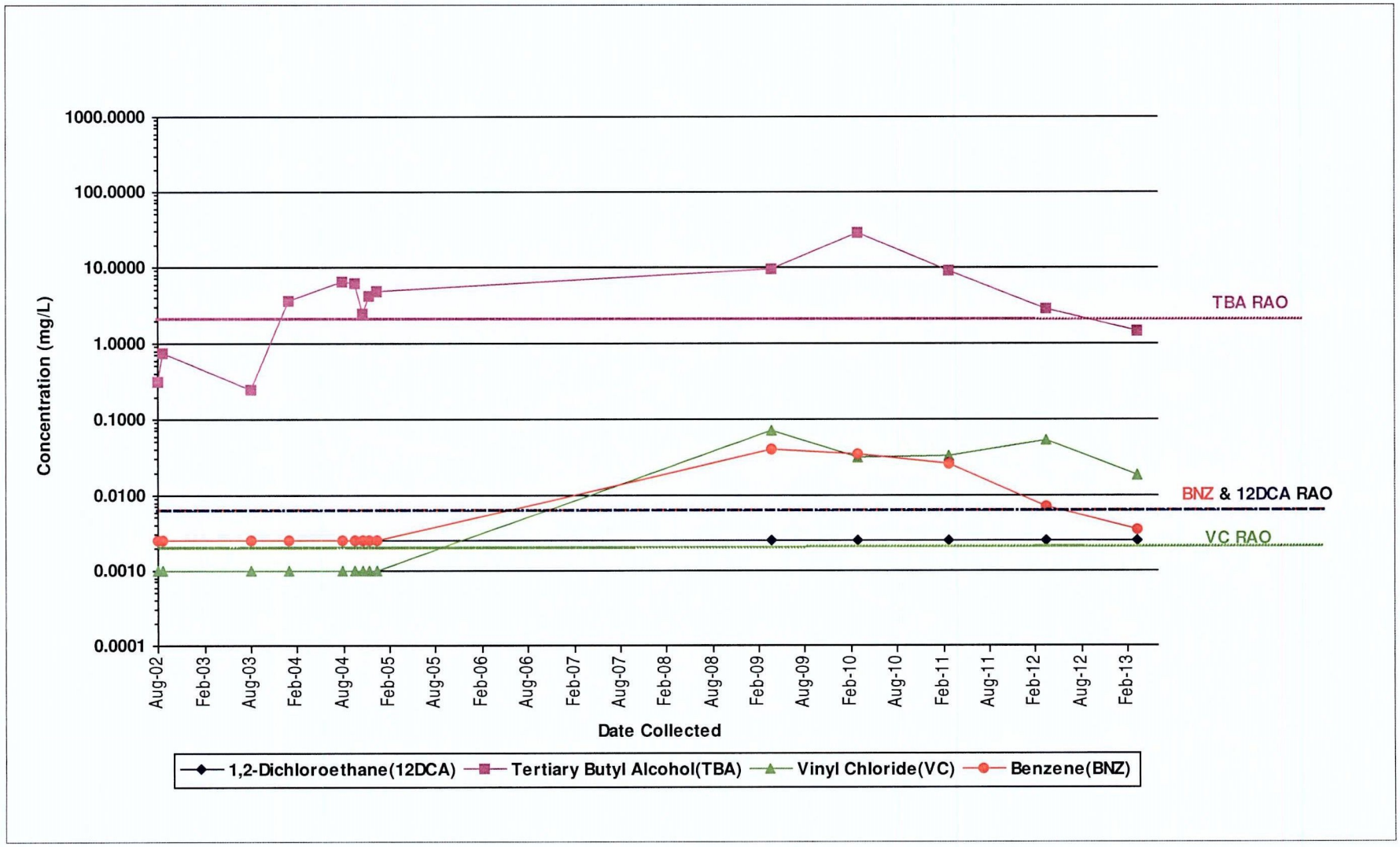


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-146



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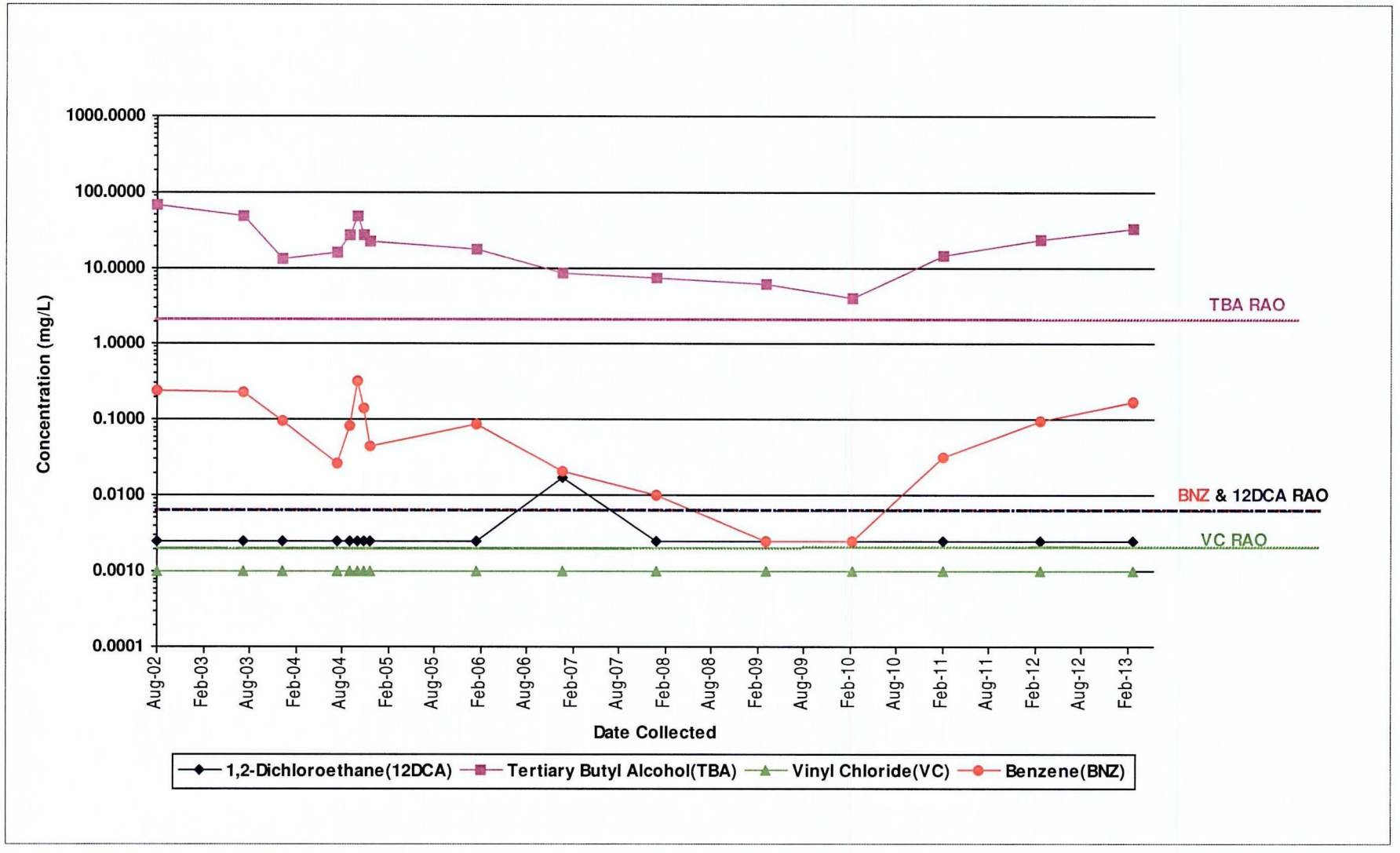
CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-147

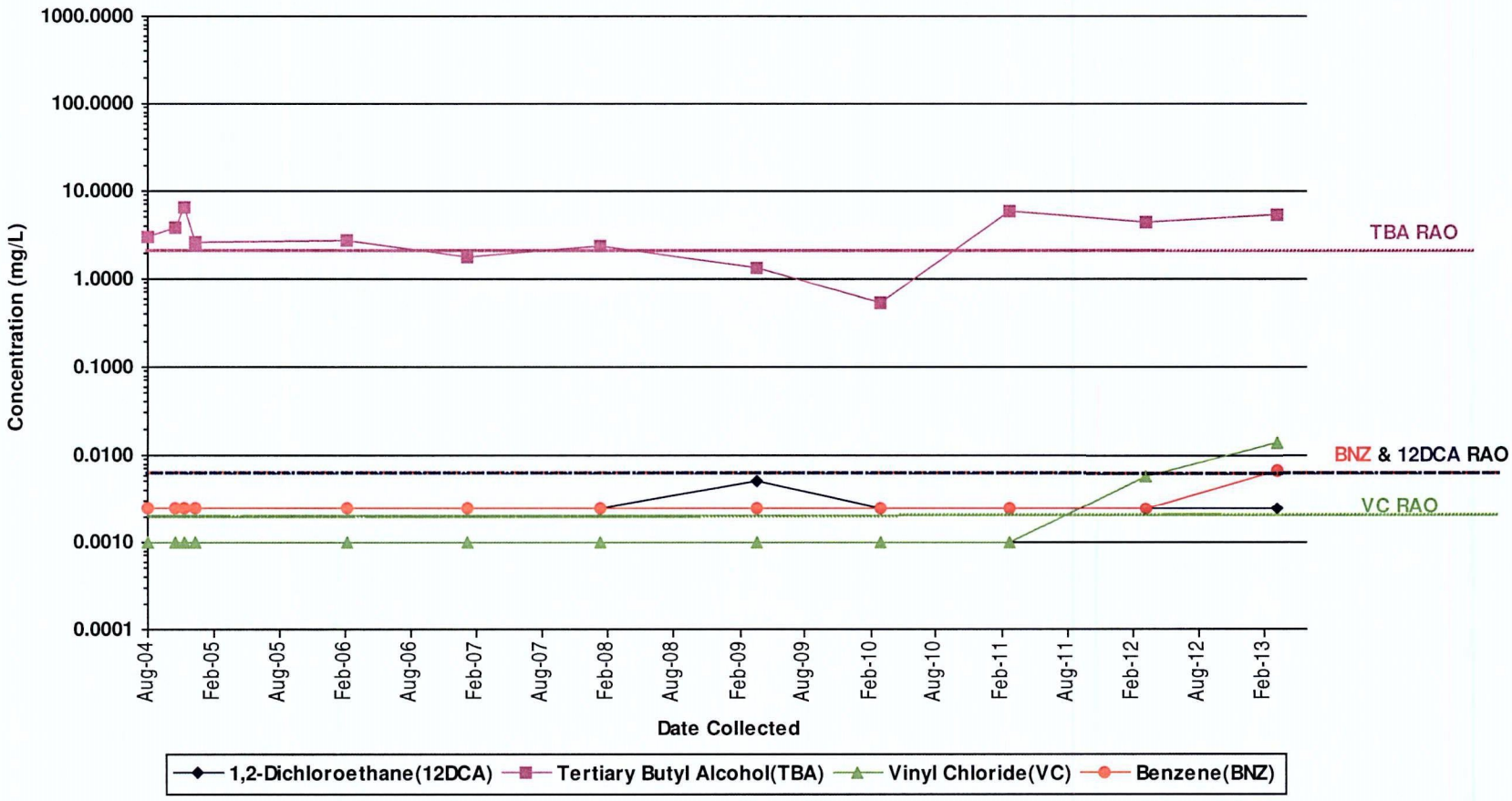


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-148

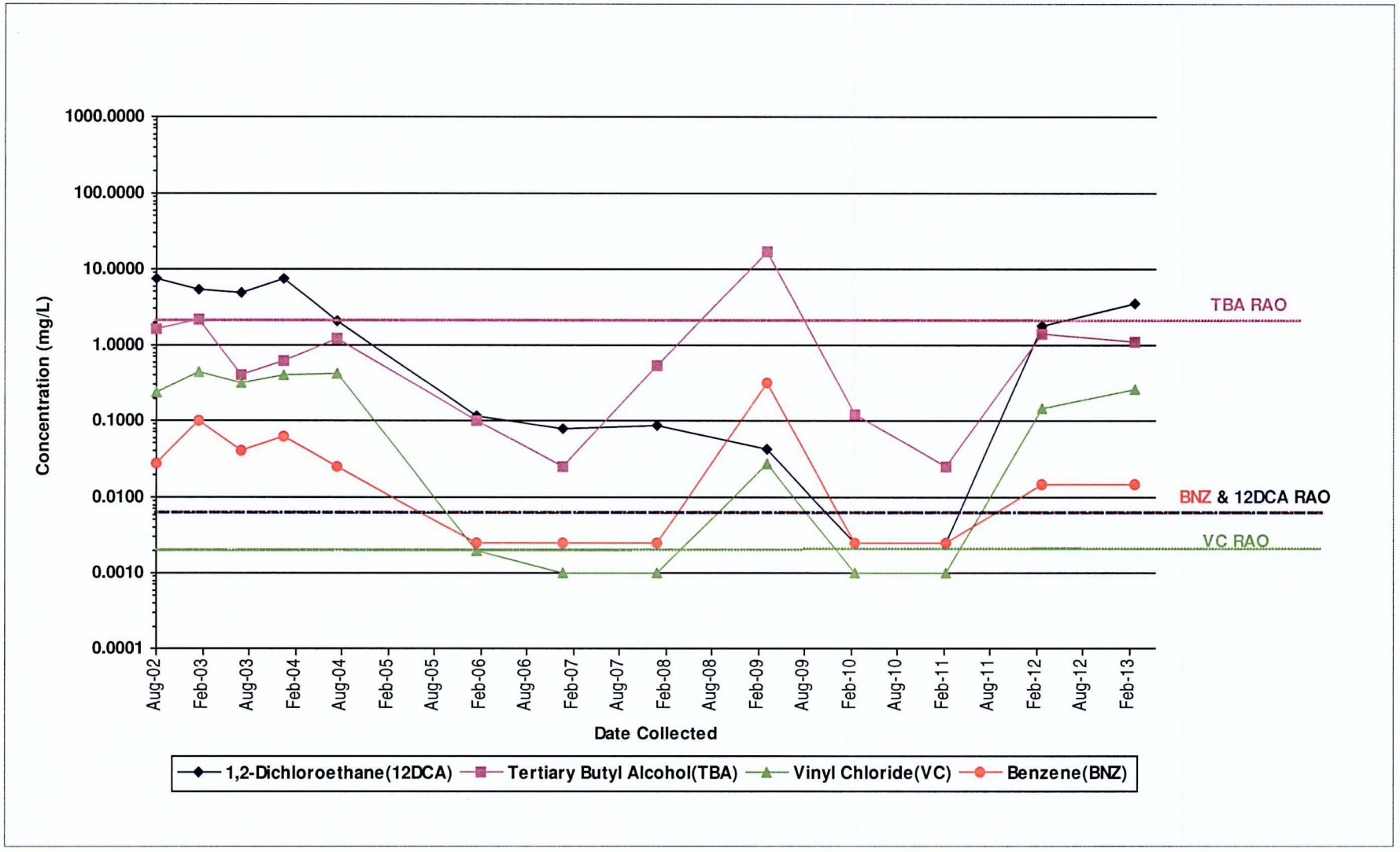


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-149

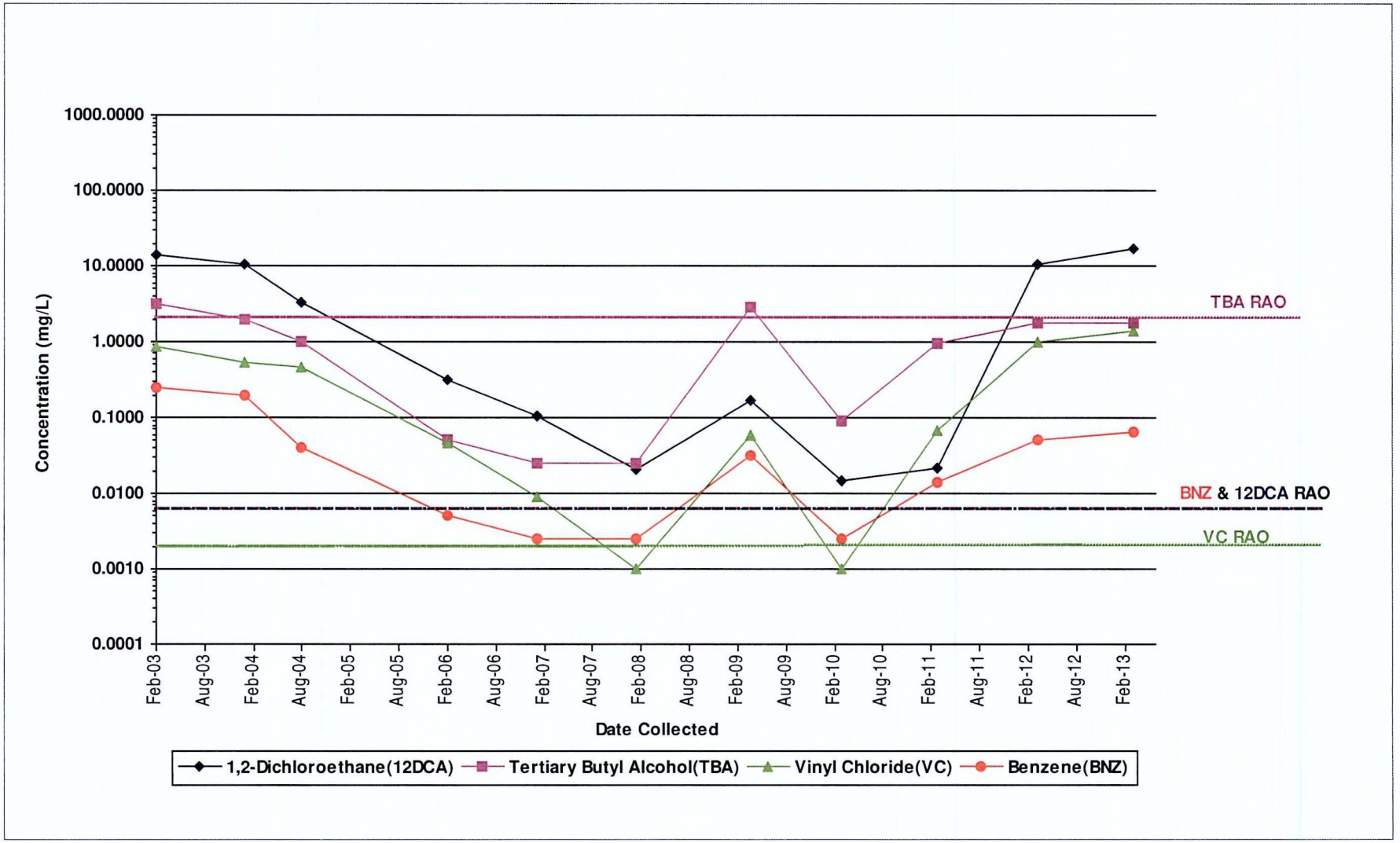


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-153

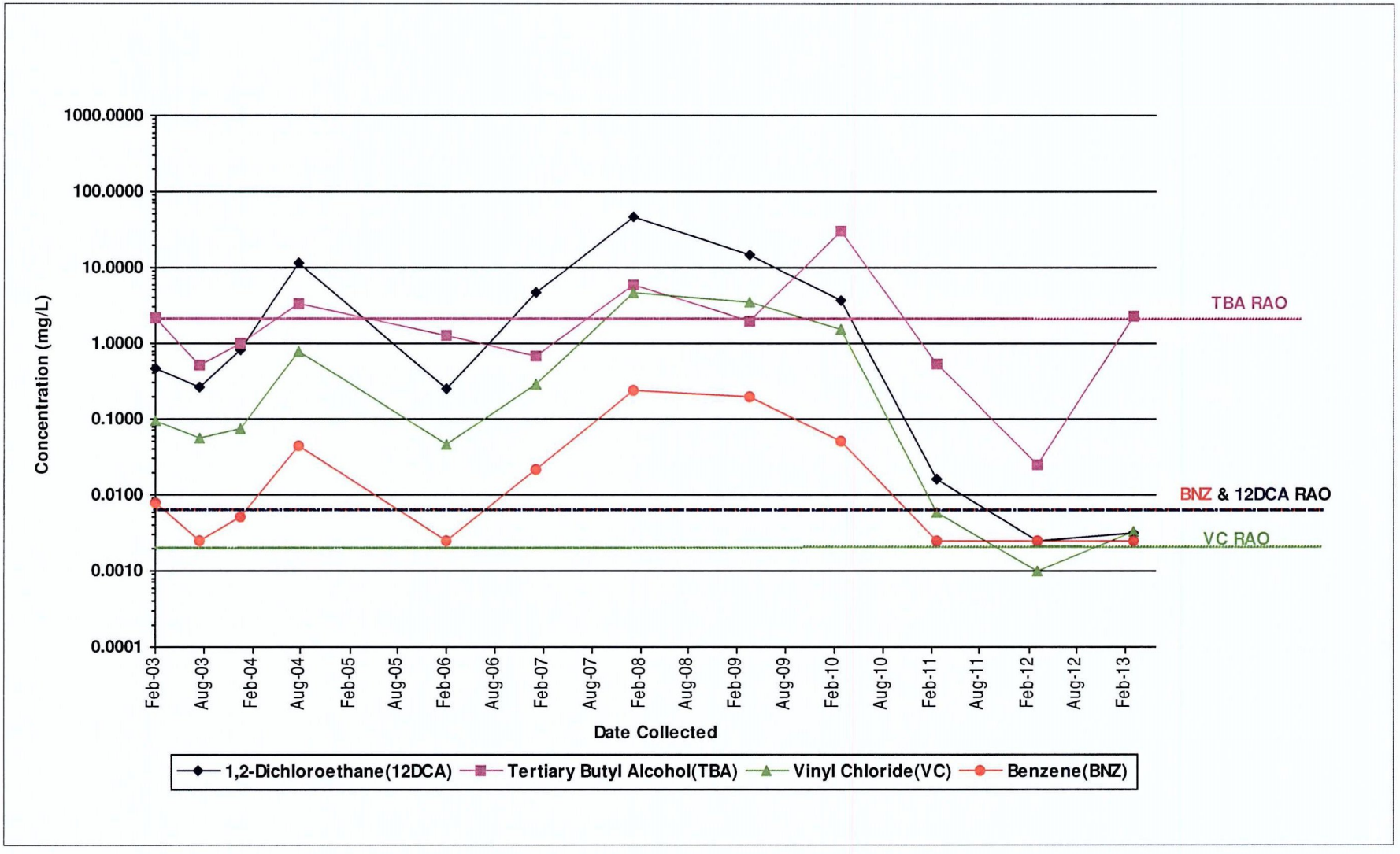


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-154

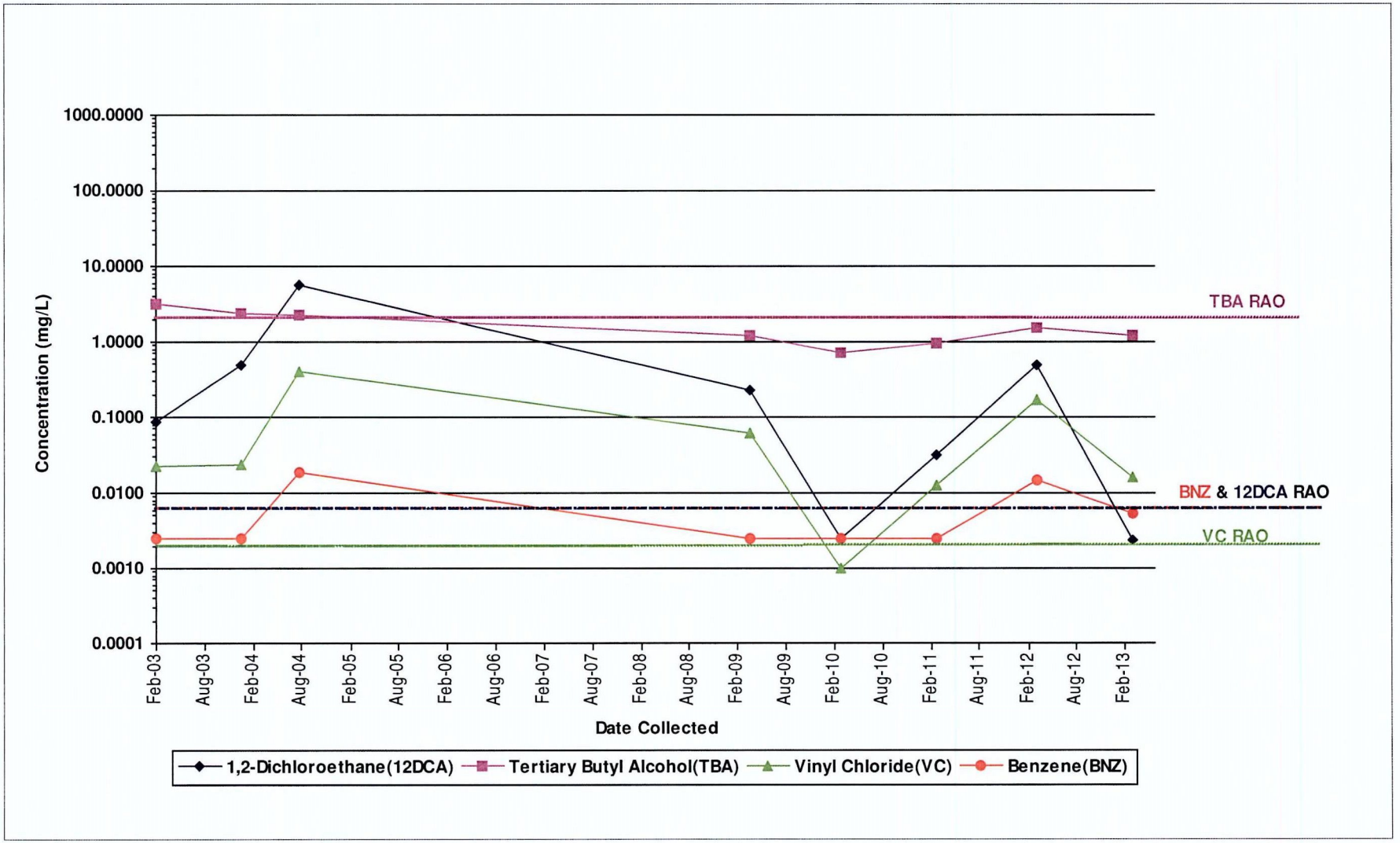


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-155

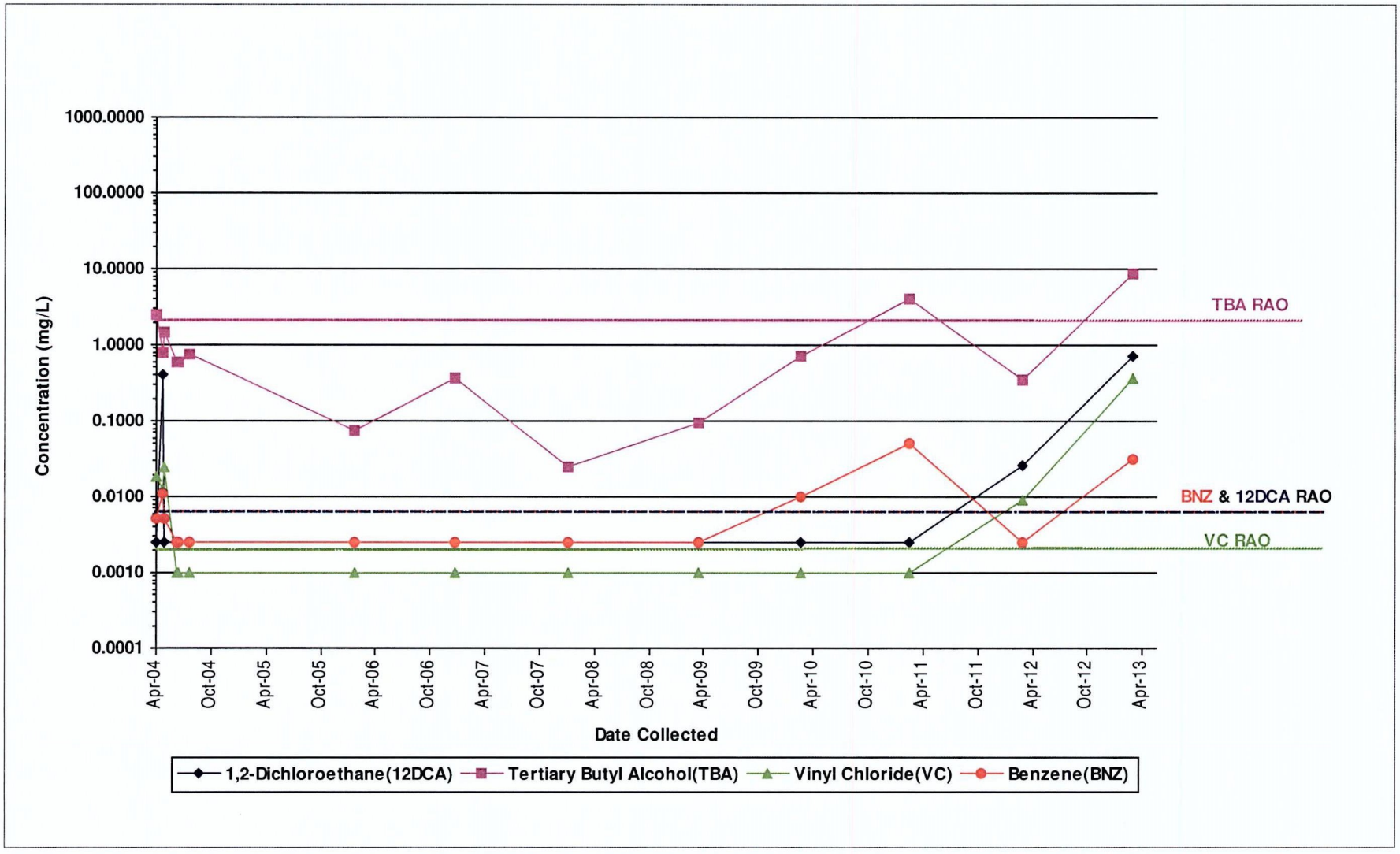


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-159

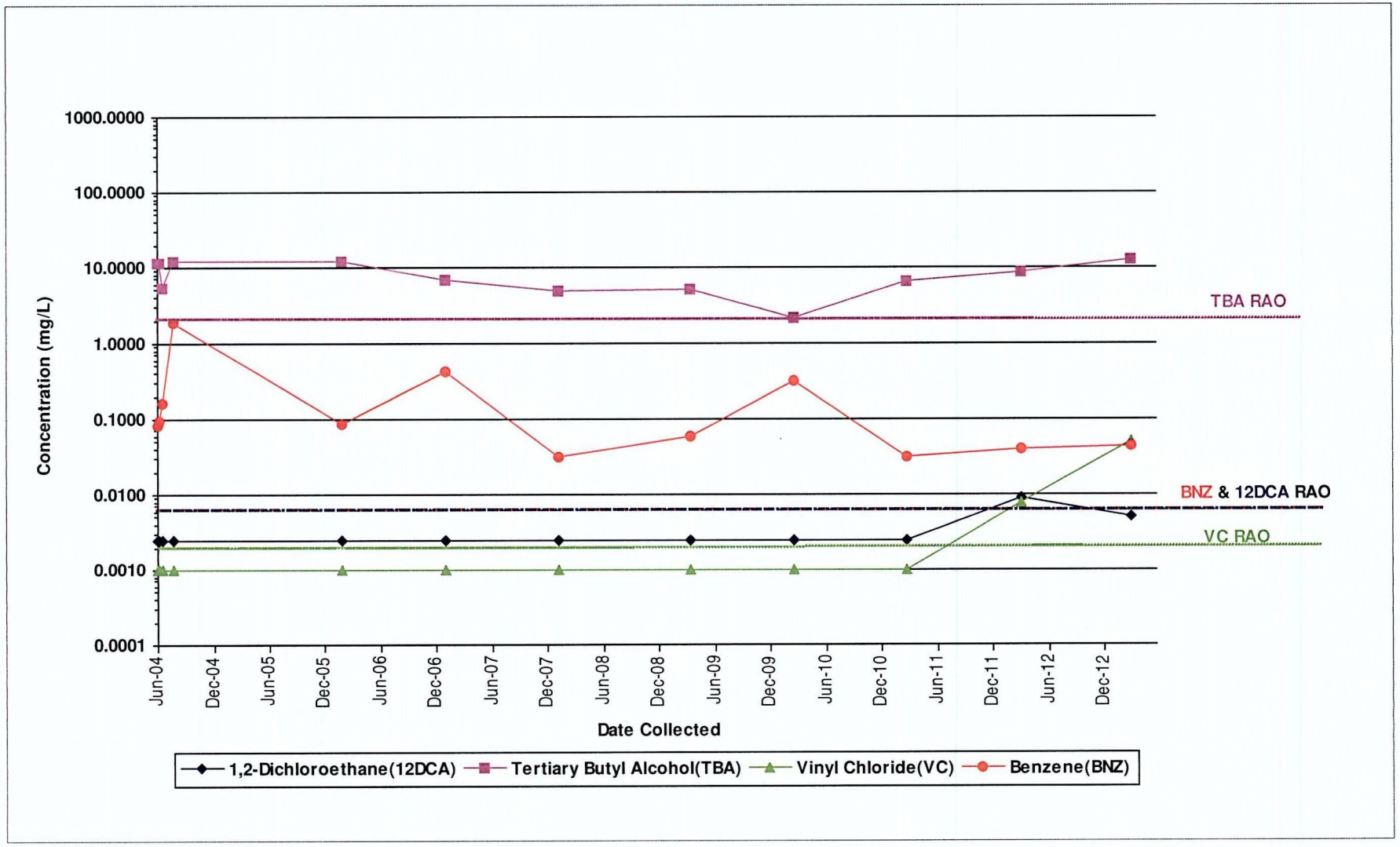


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-164

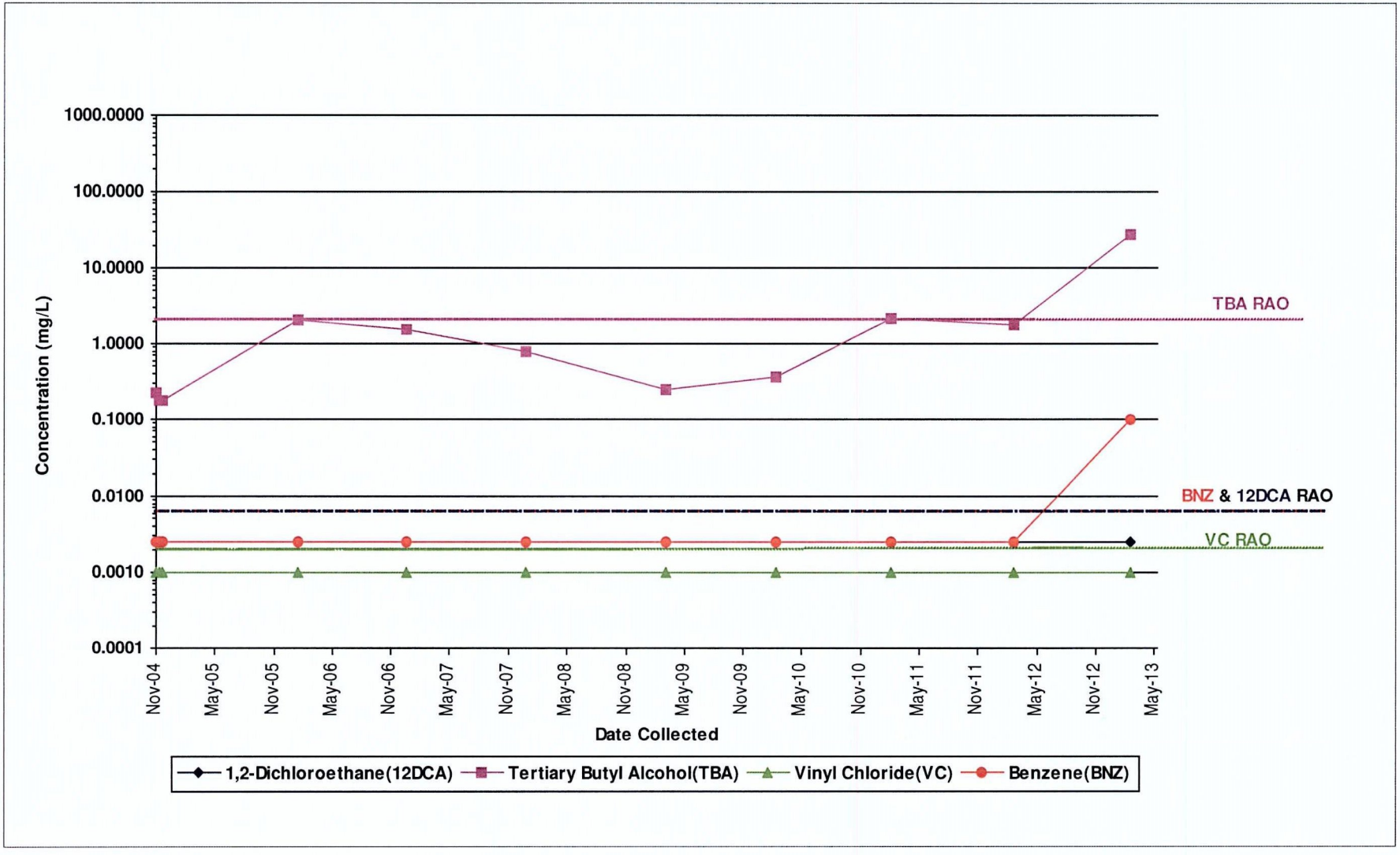


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-166

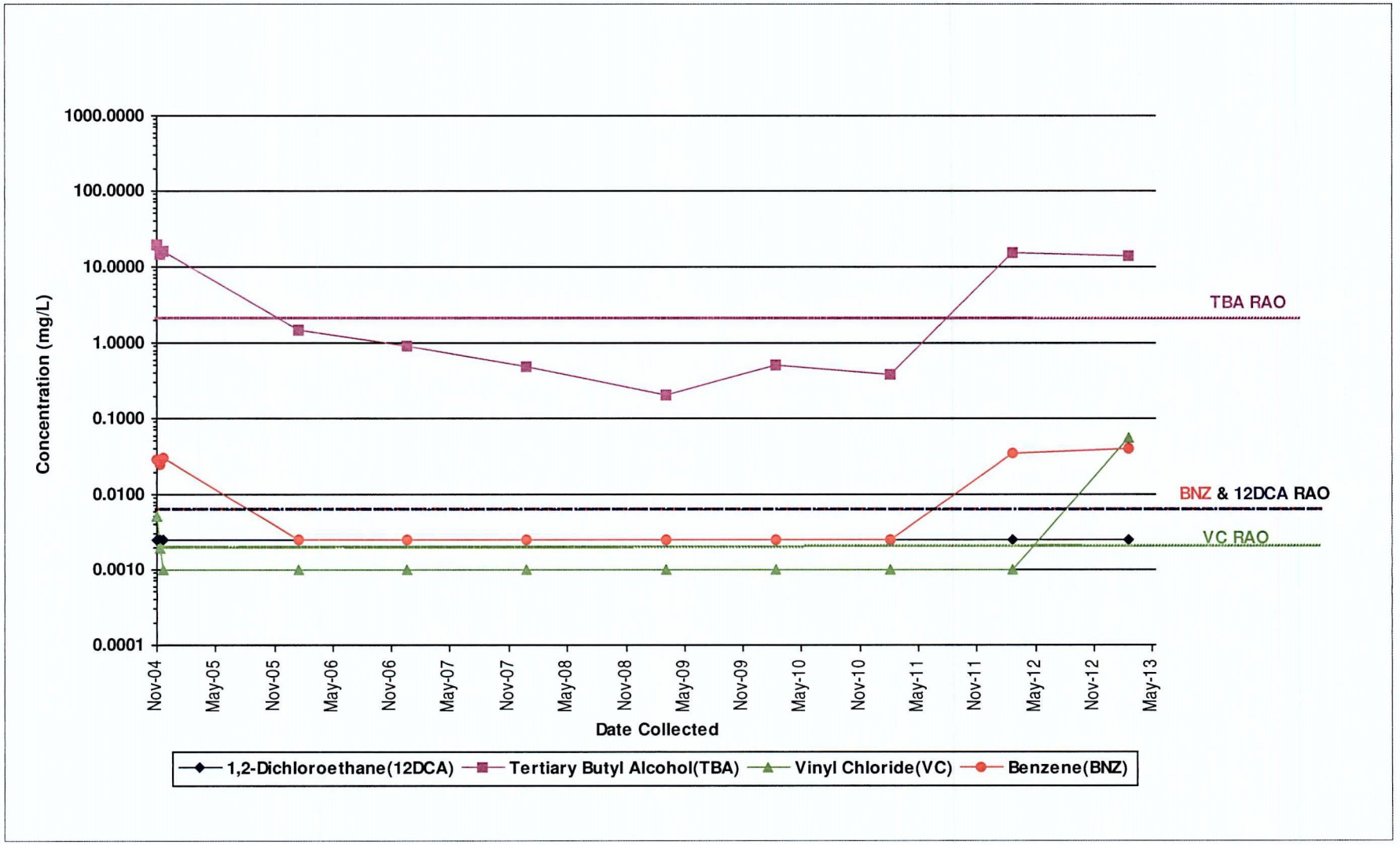


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-167

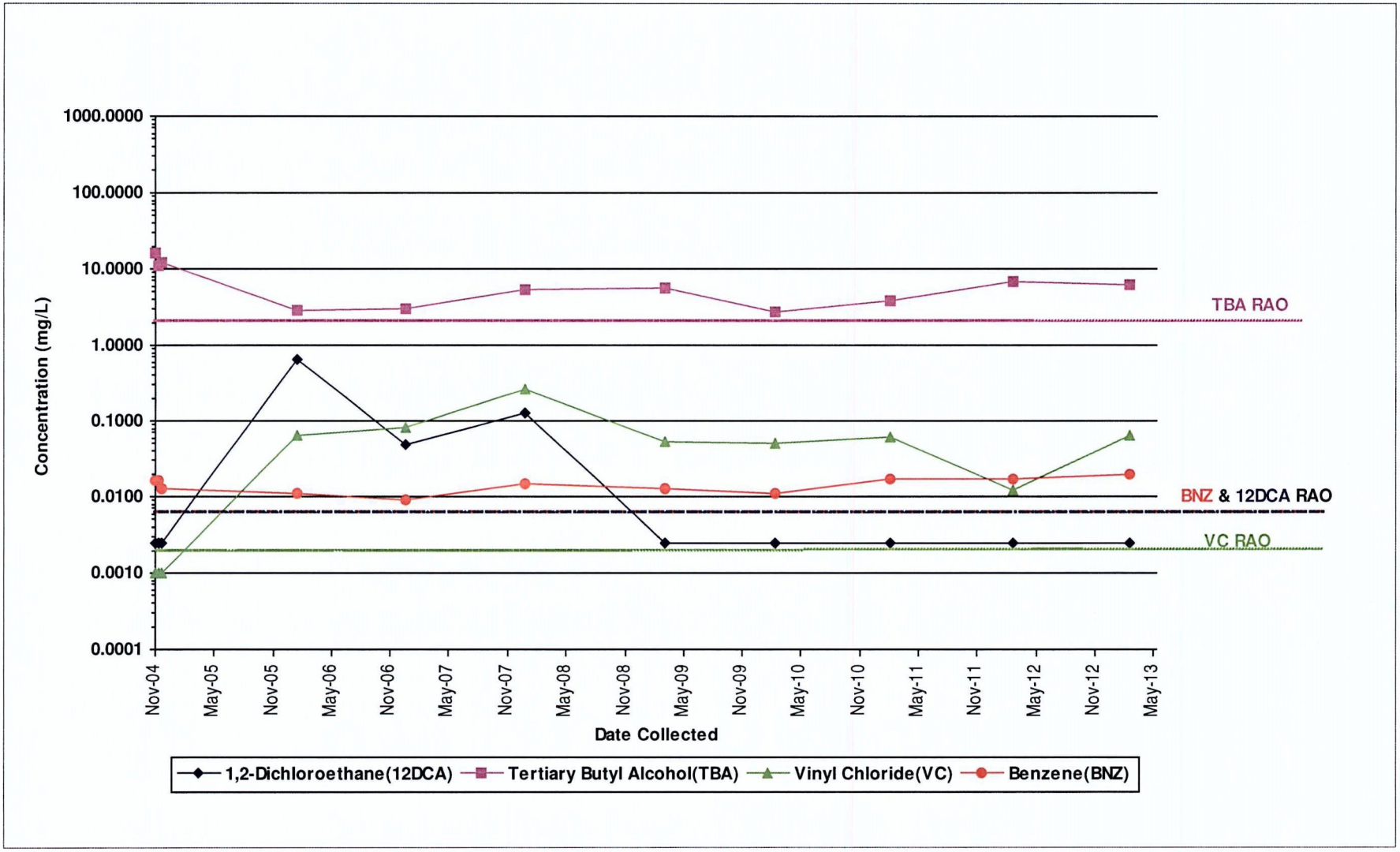


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-168

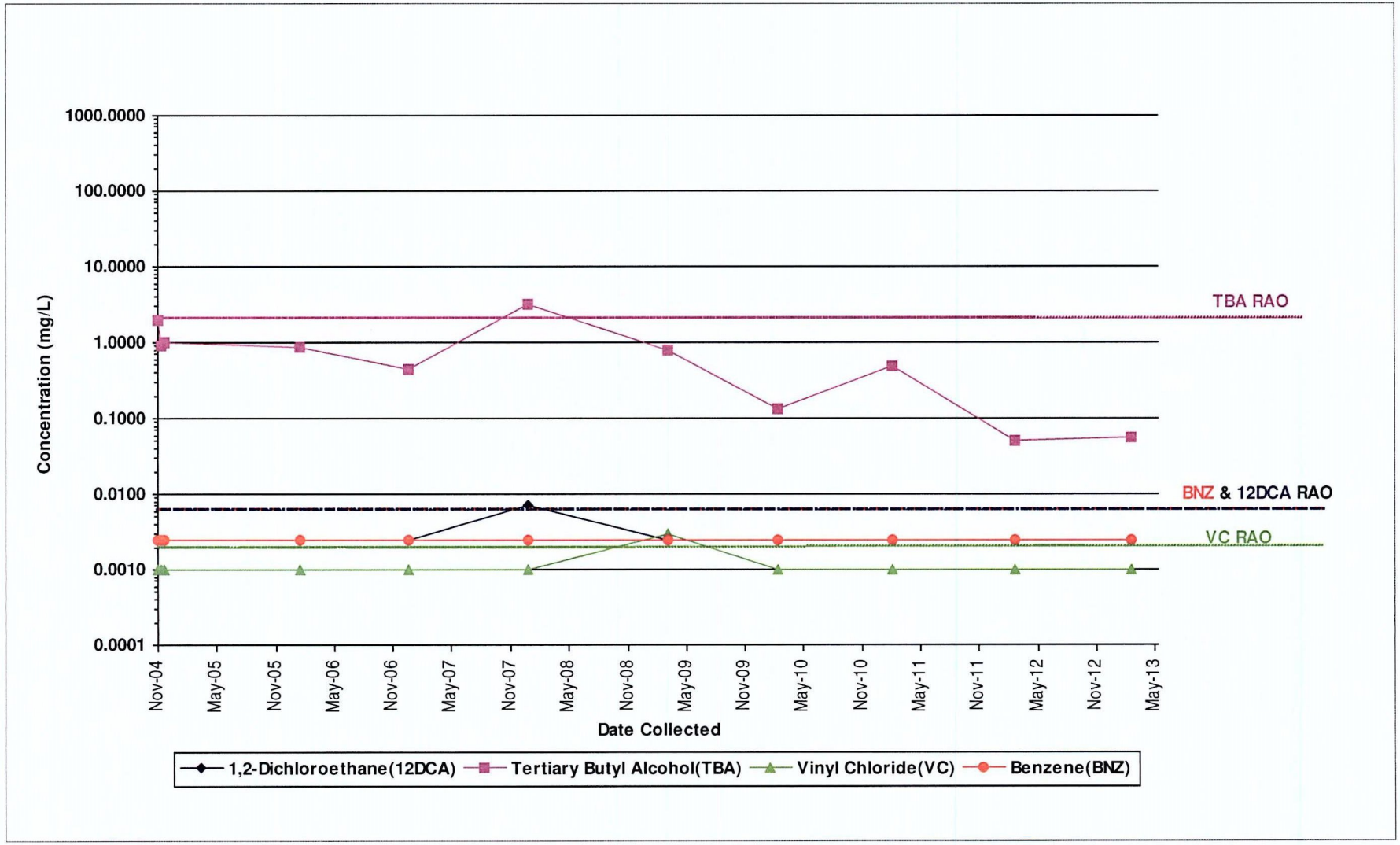


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: S1

Well: S1-169

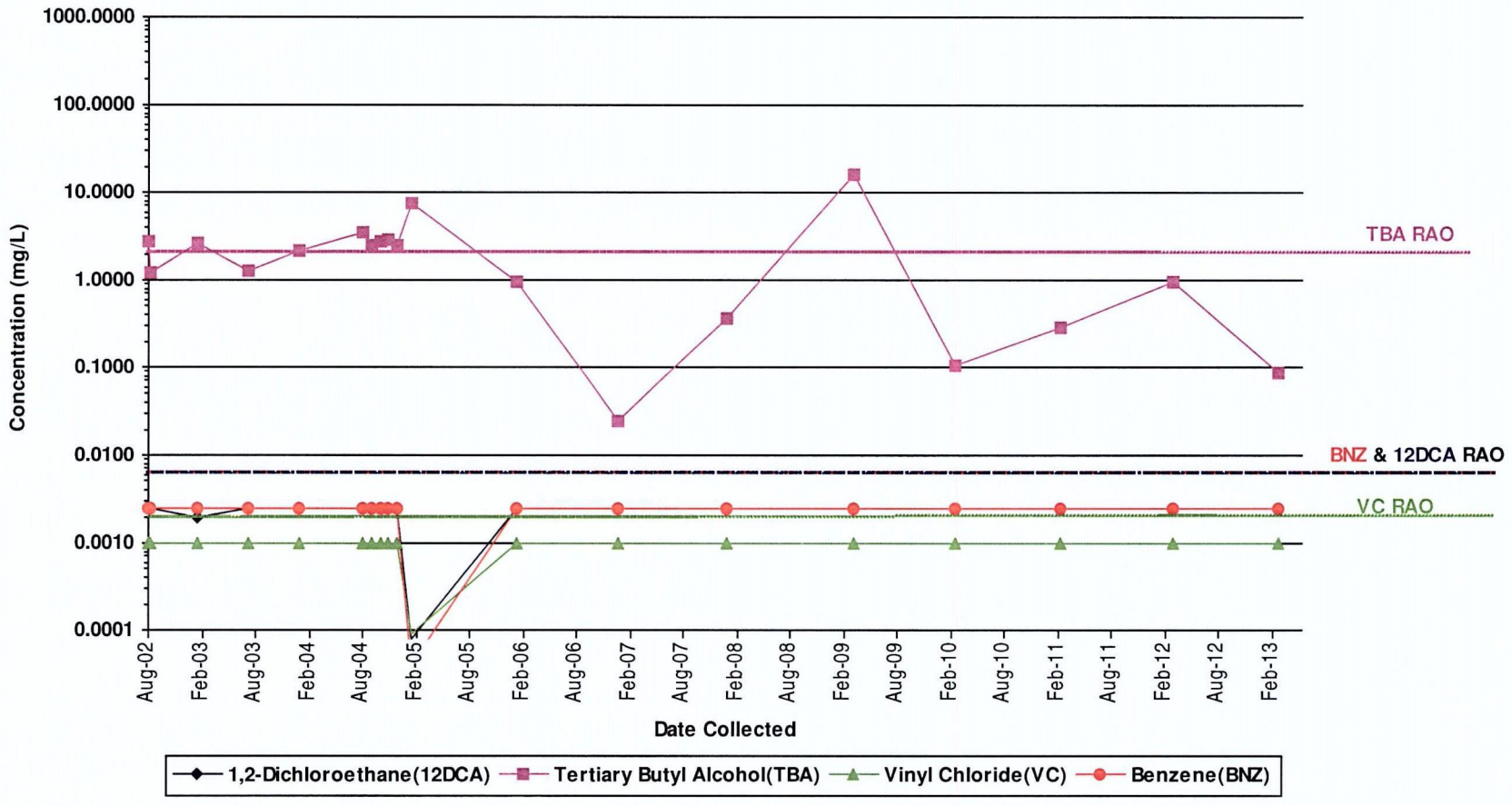


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: FLTG-013

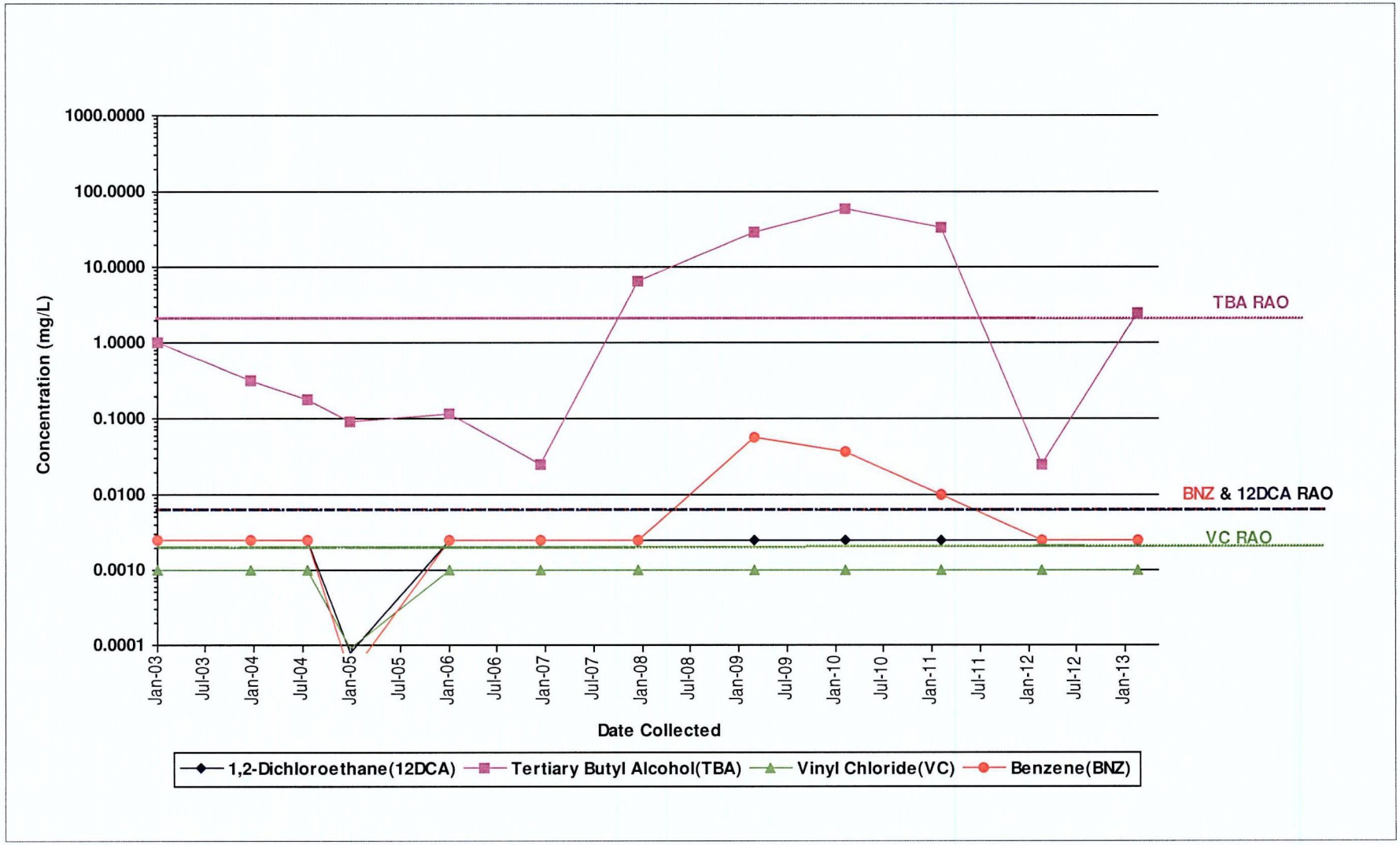


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-060-P-3

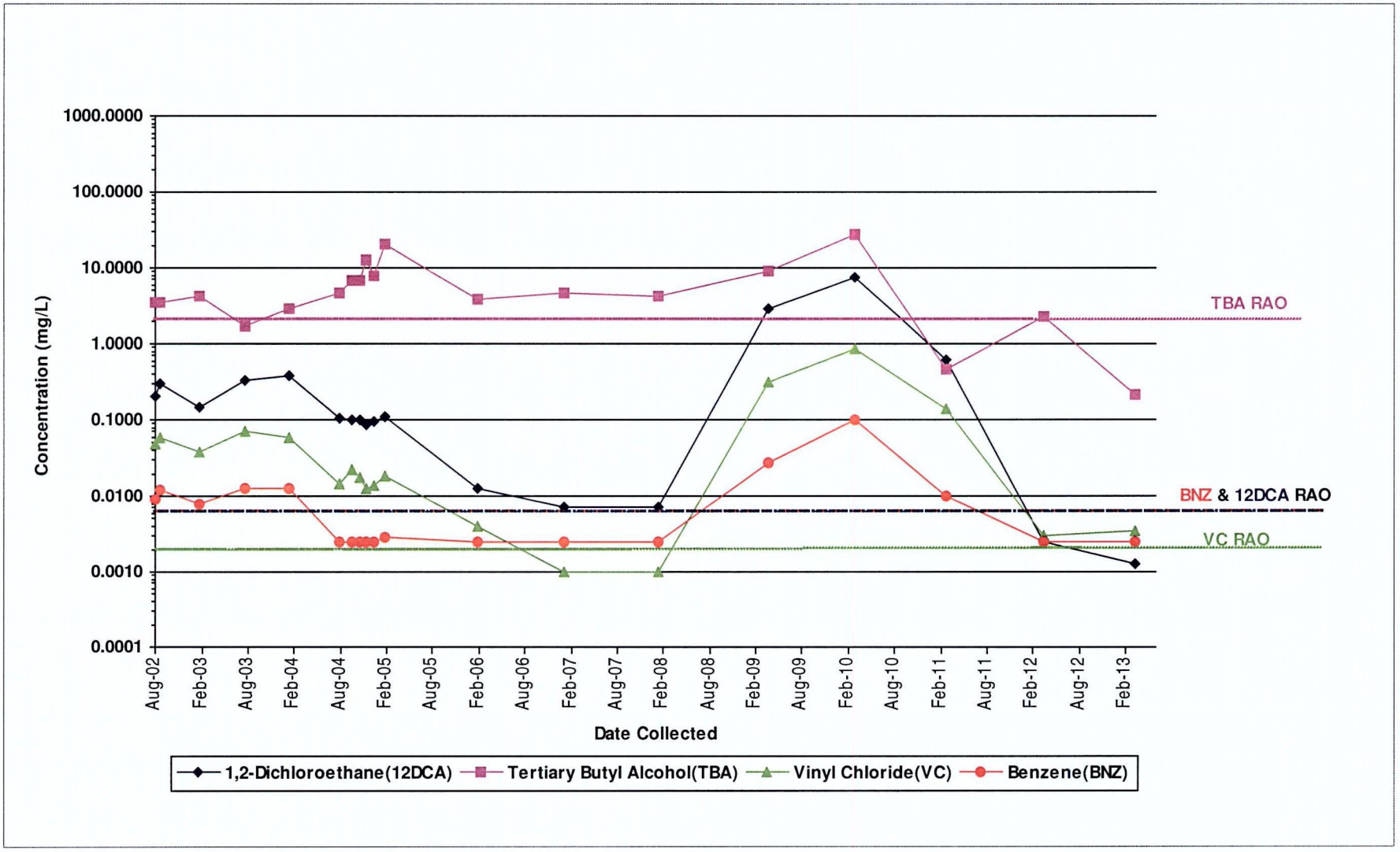


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-106

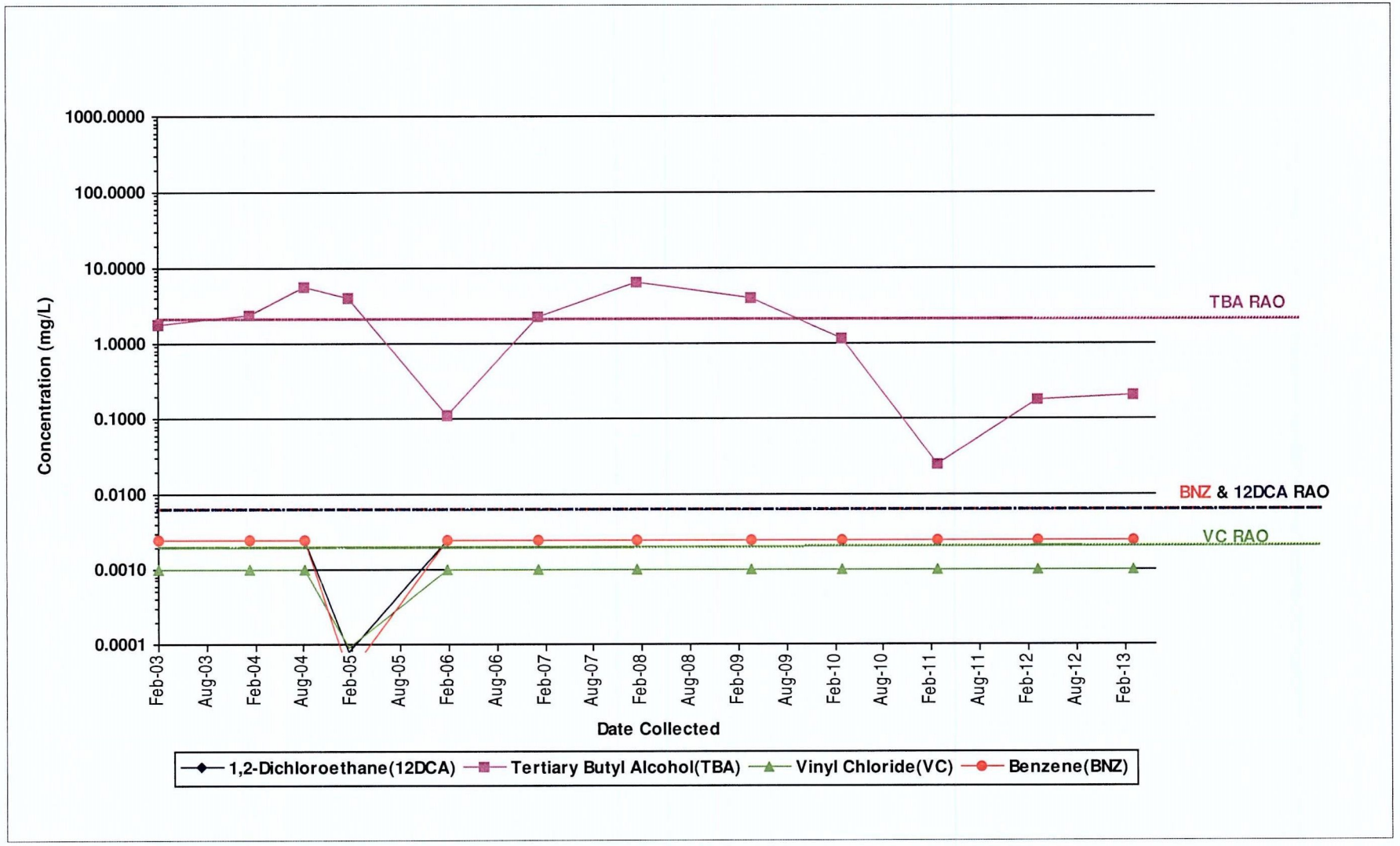


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-108

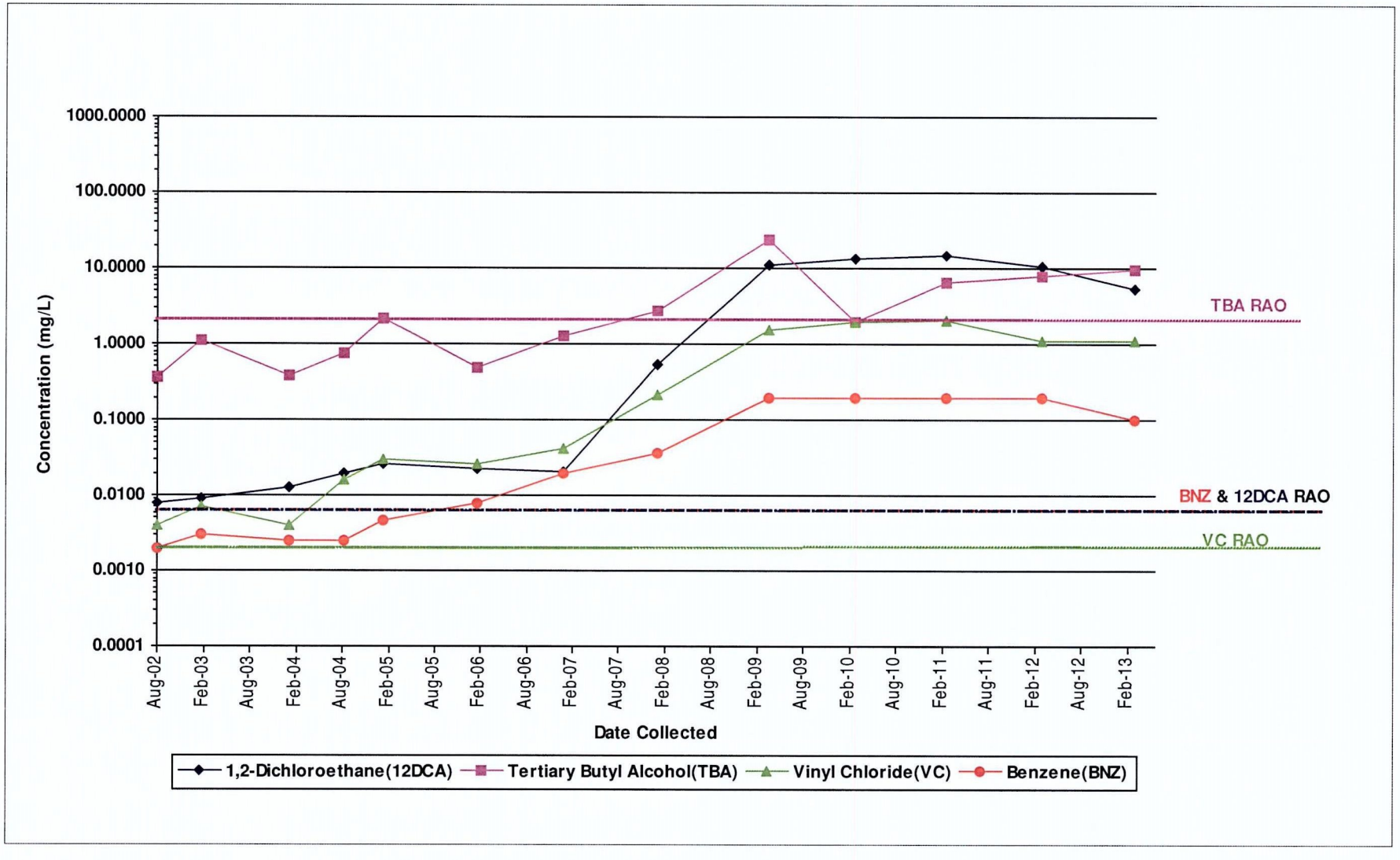


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-120

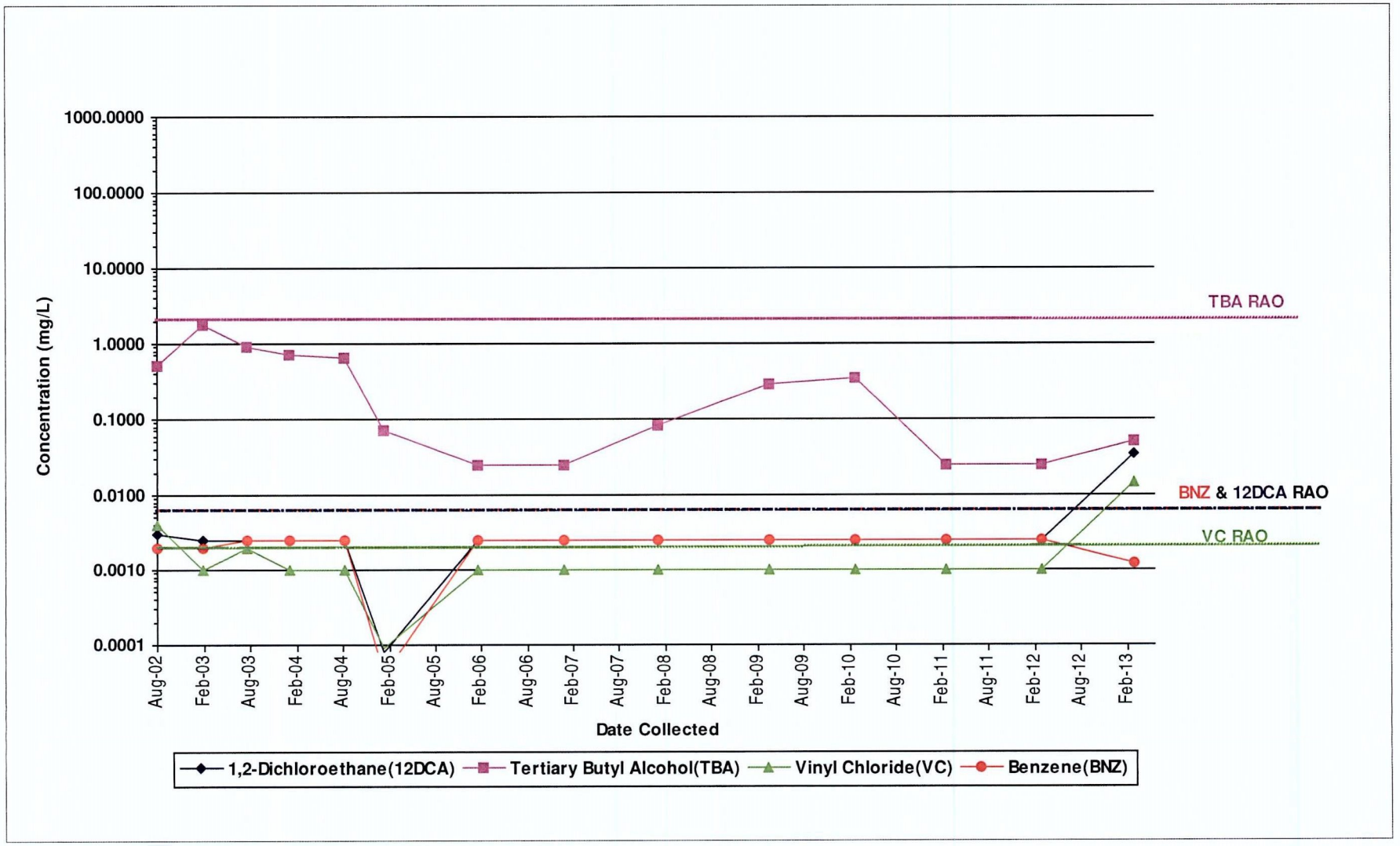


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-123

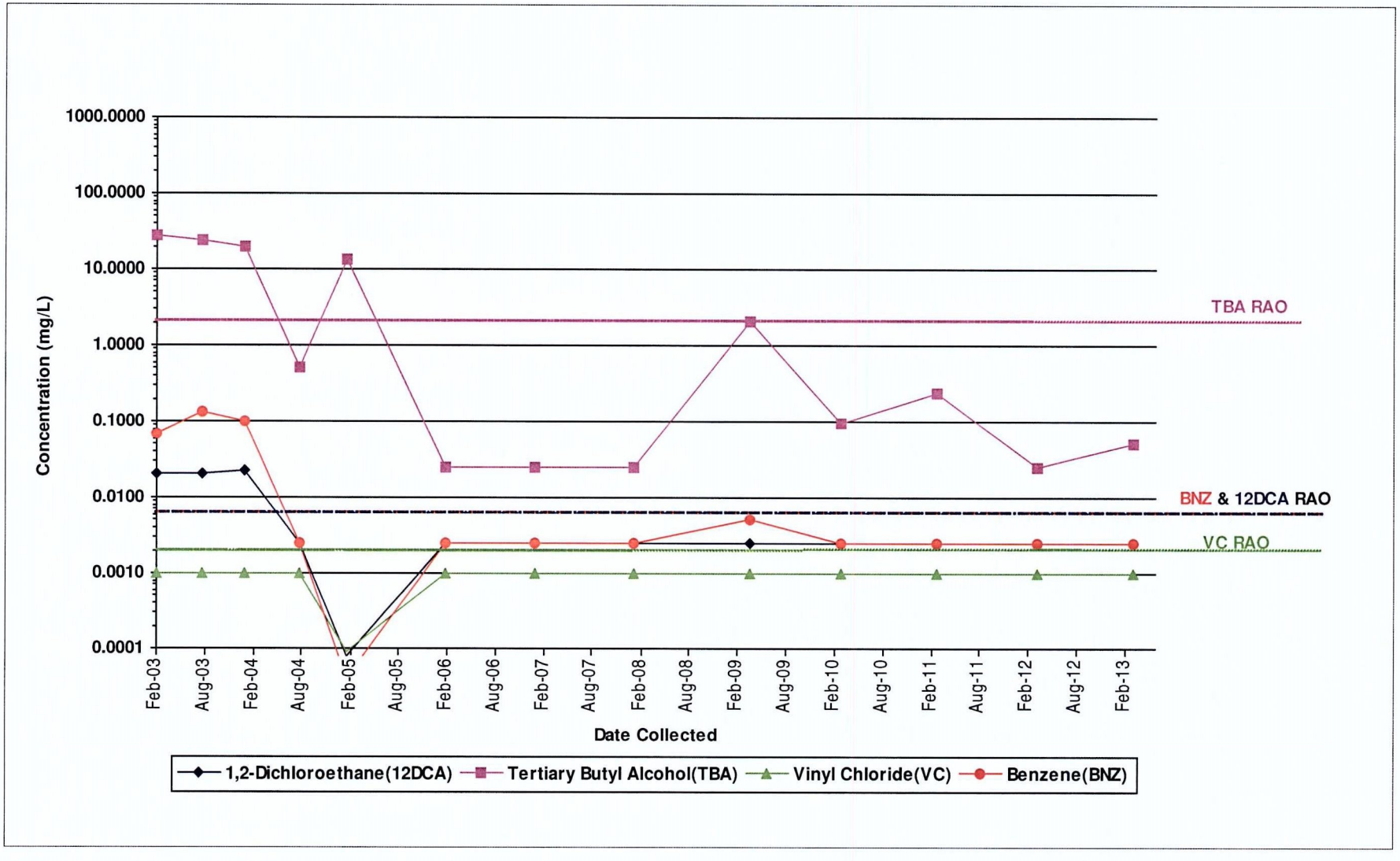


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-127

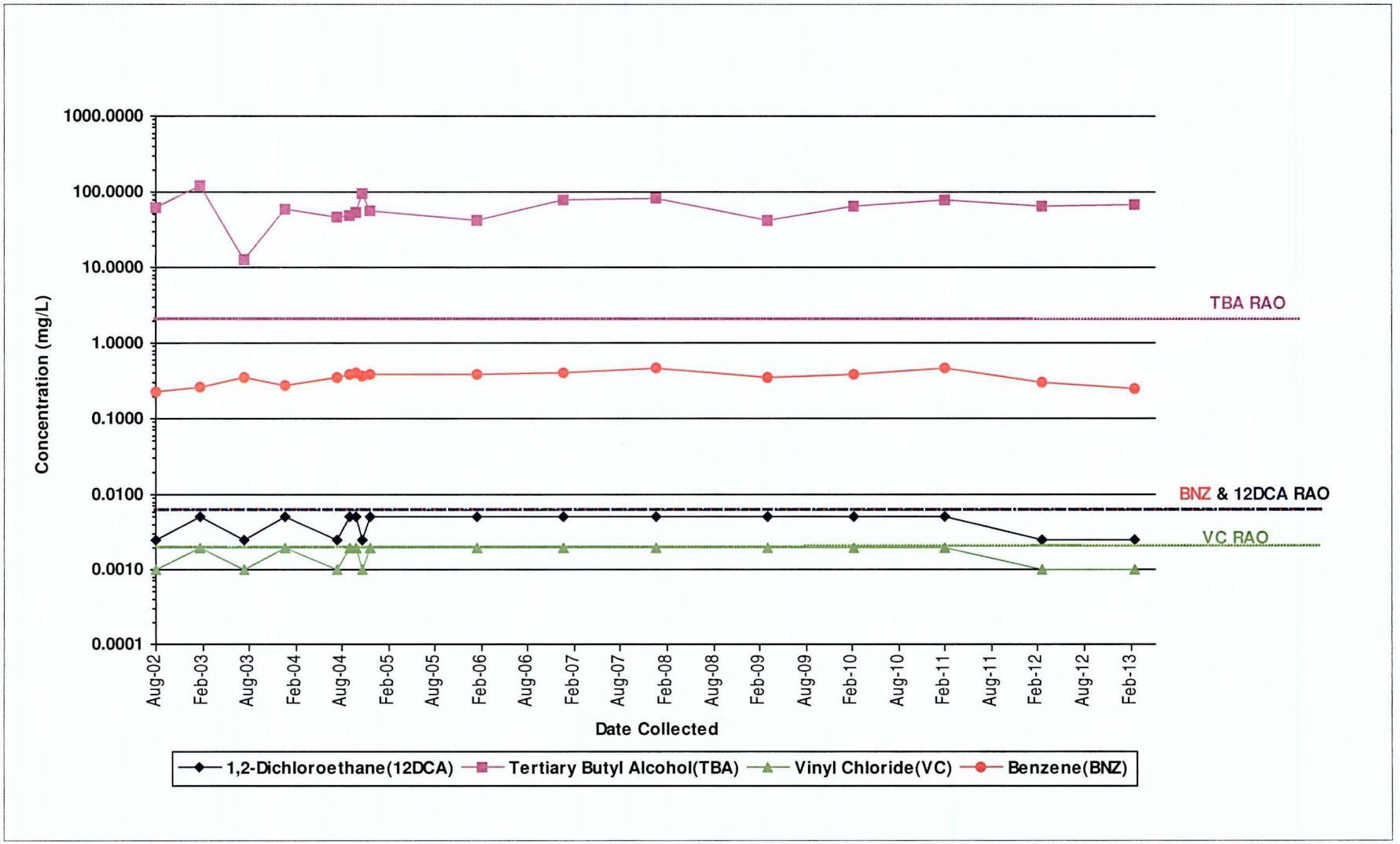


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-154

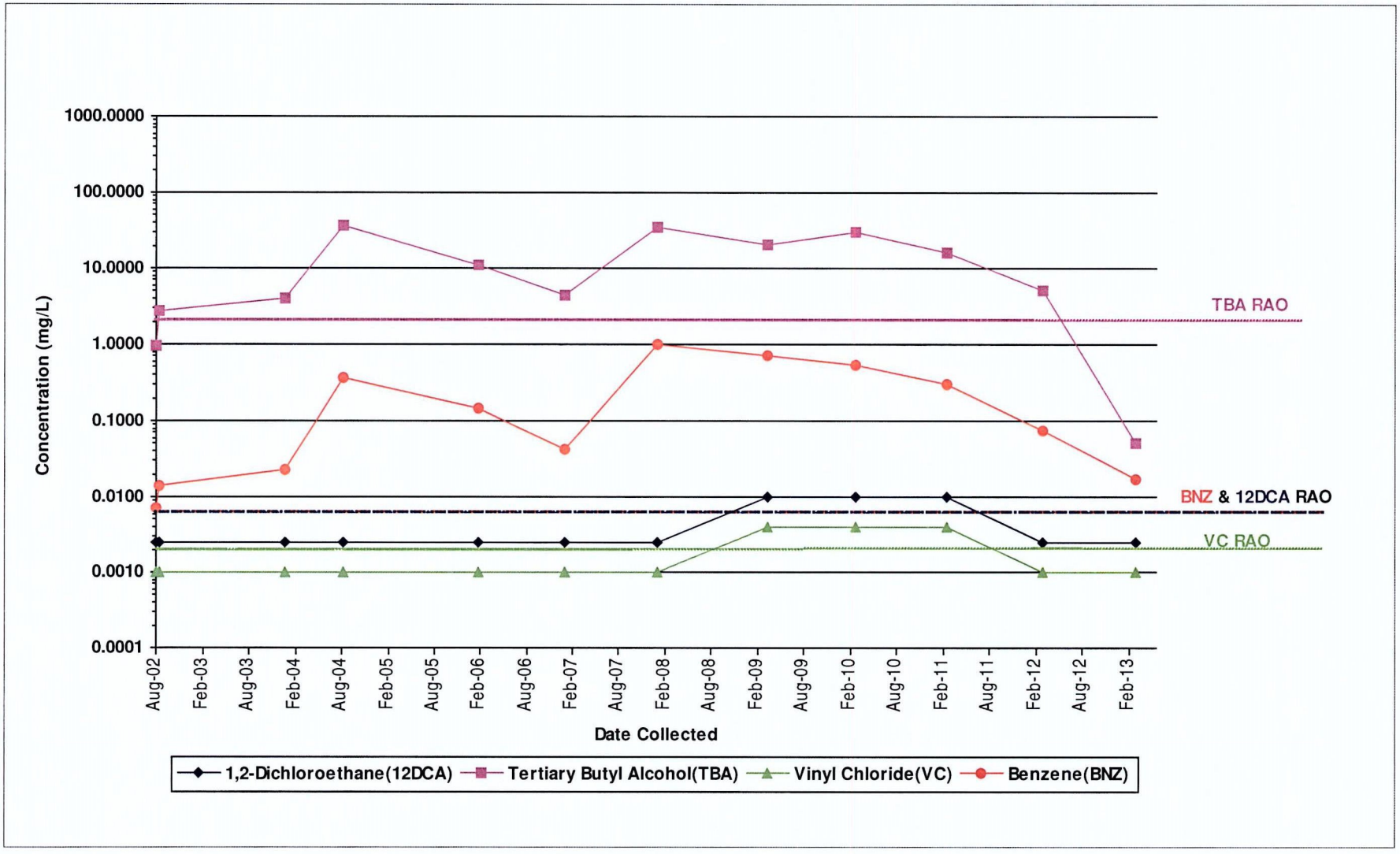


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-166

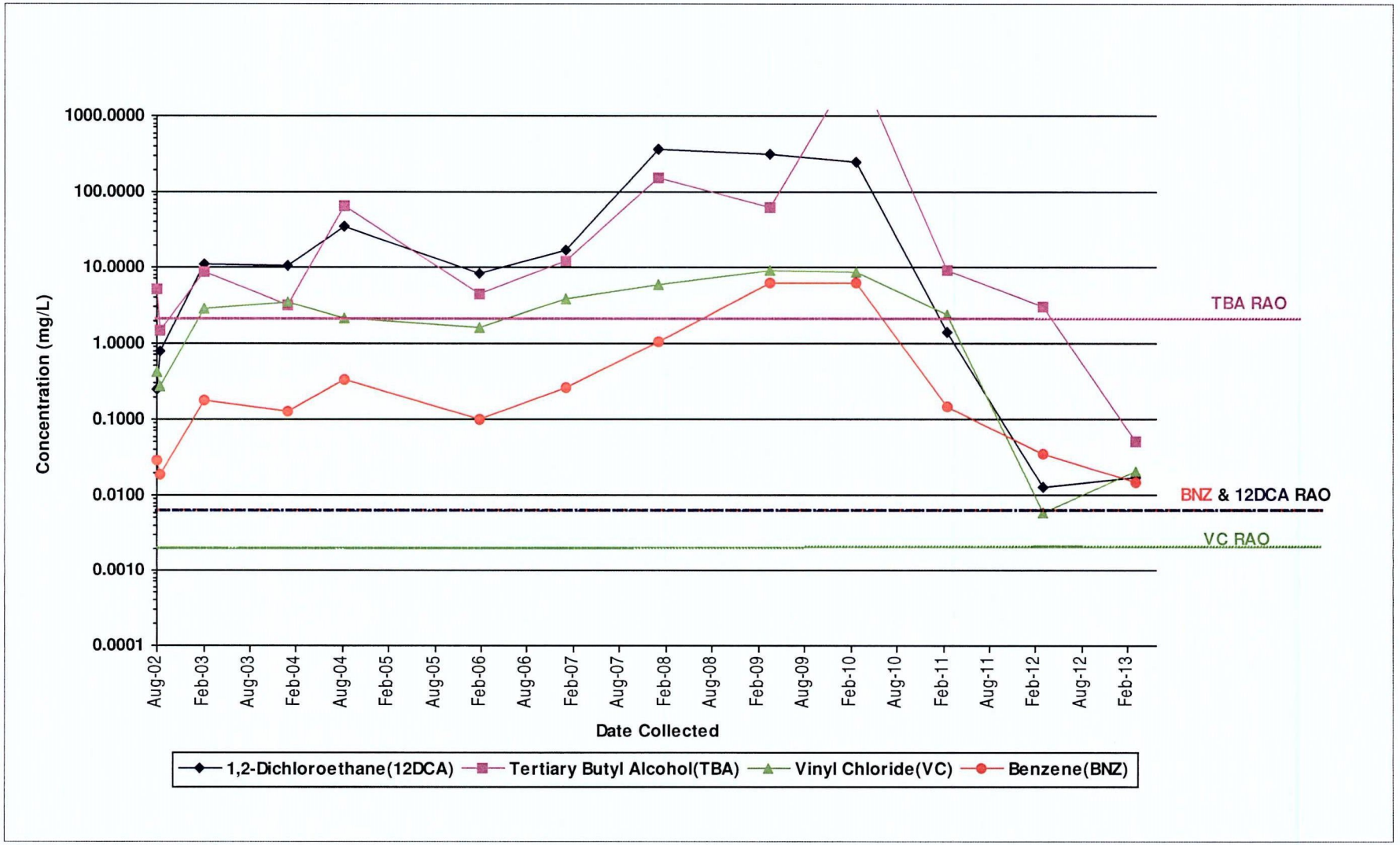


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-167

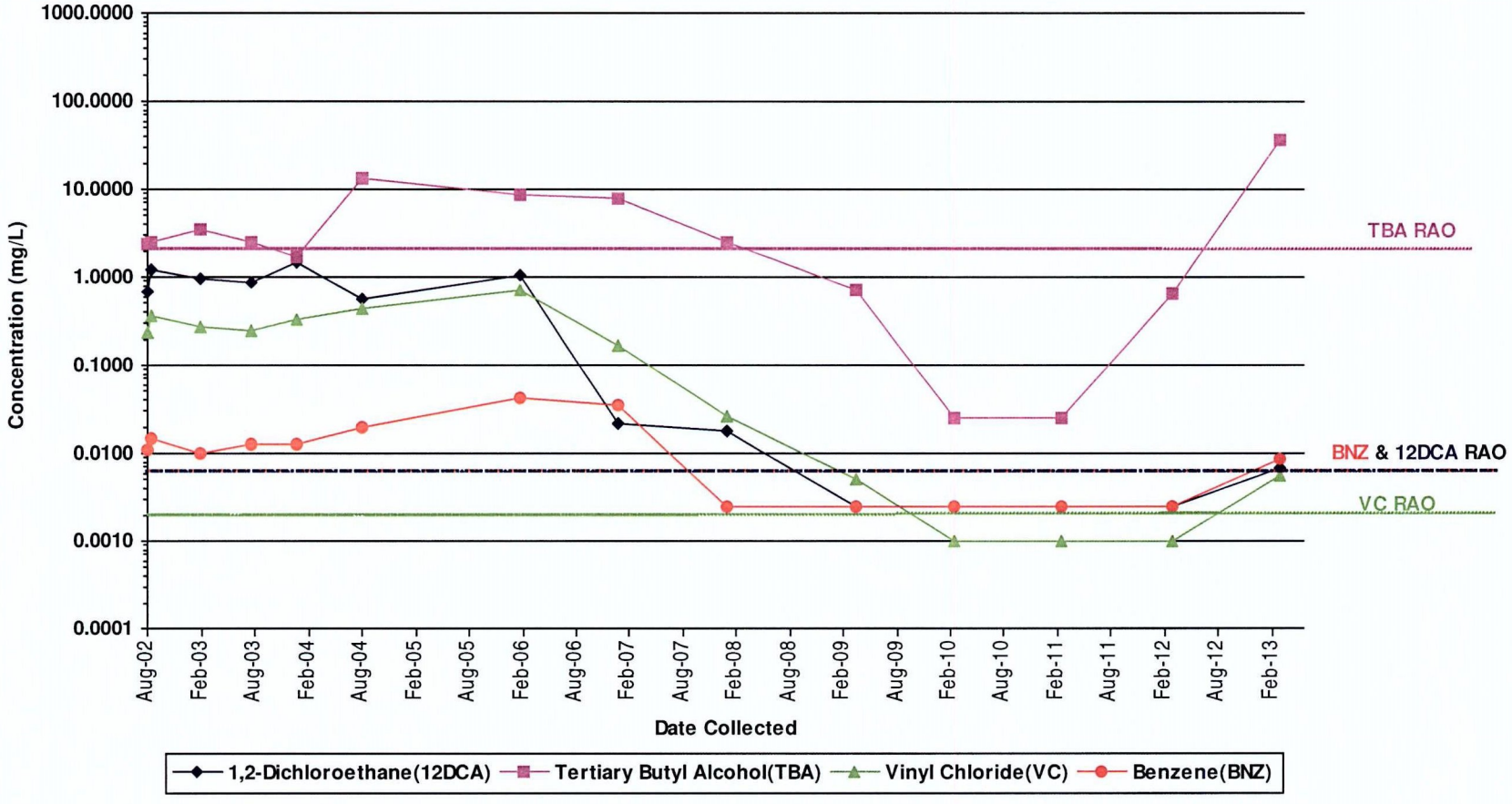


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-169

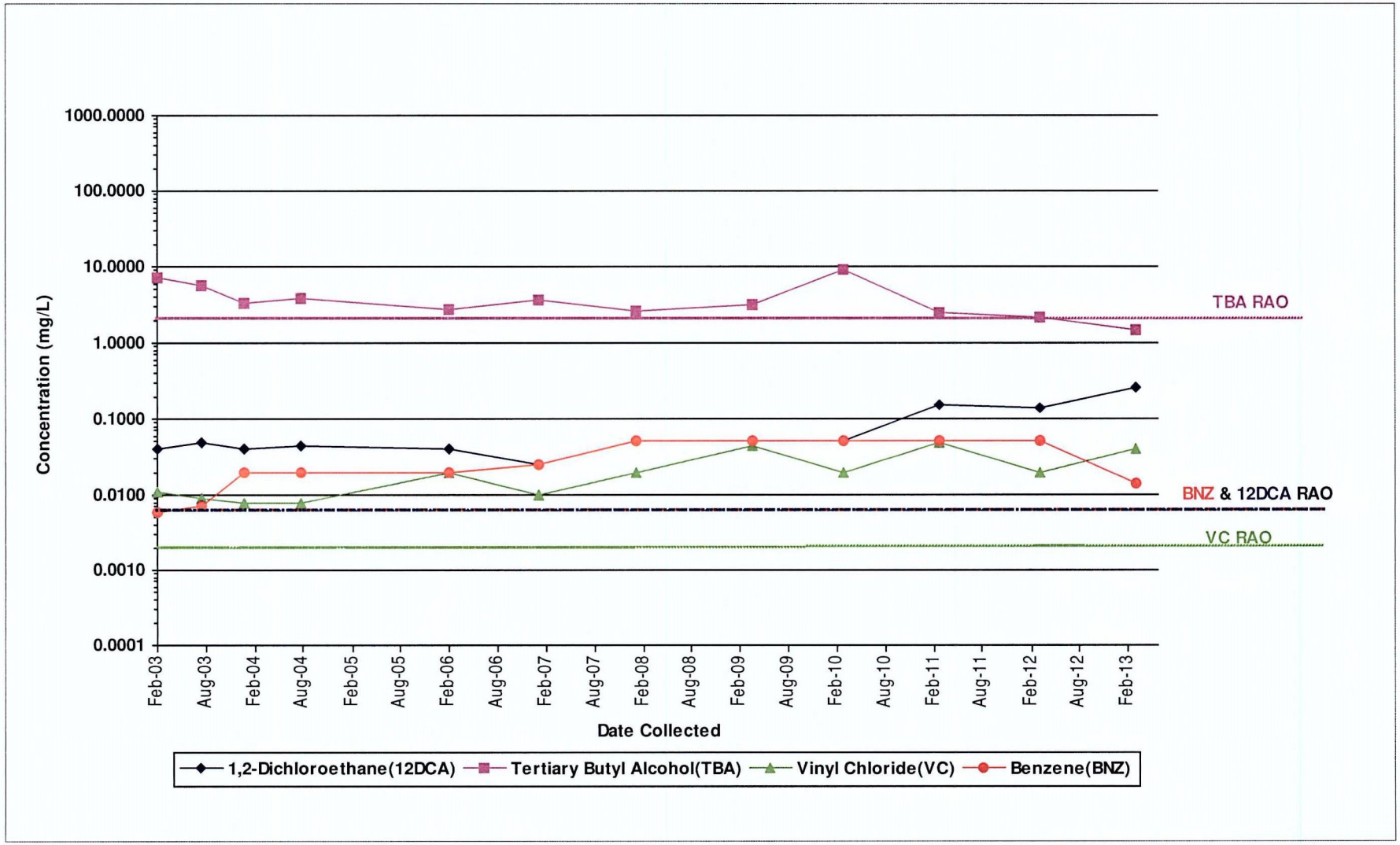


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-235

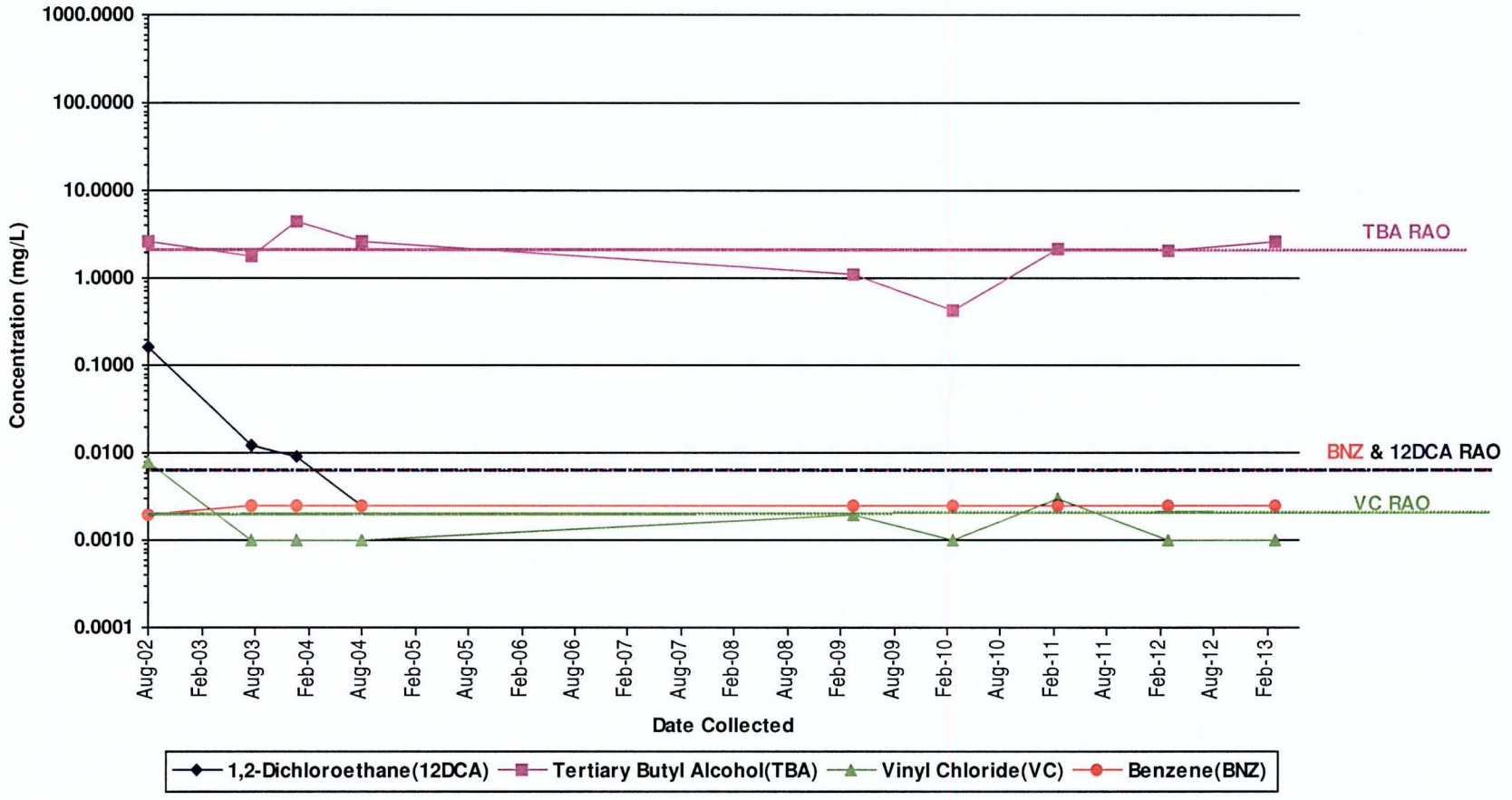


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-239

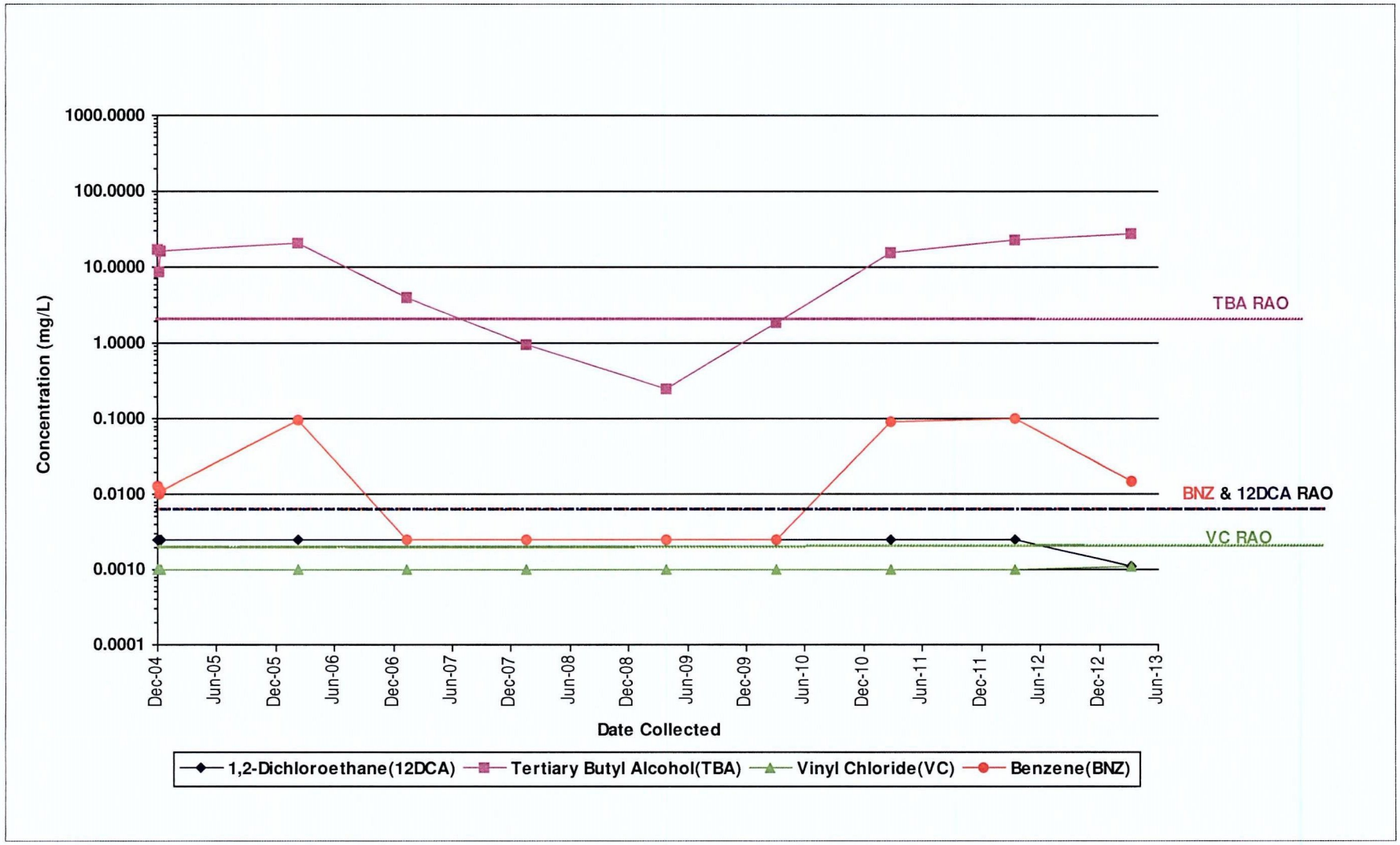


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-259

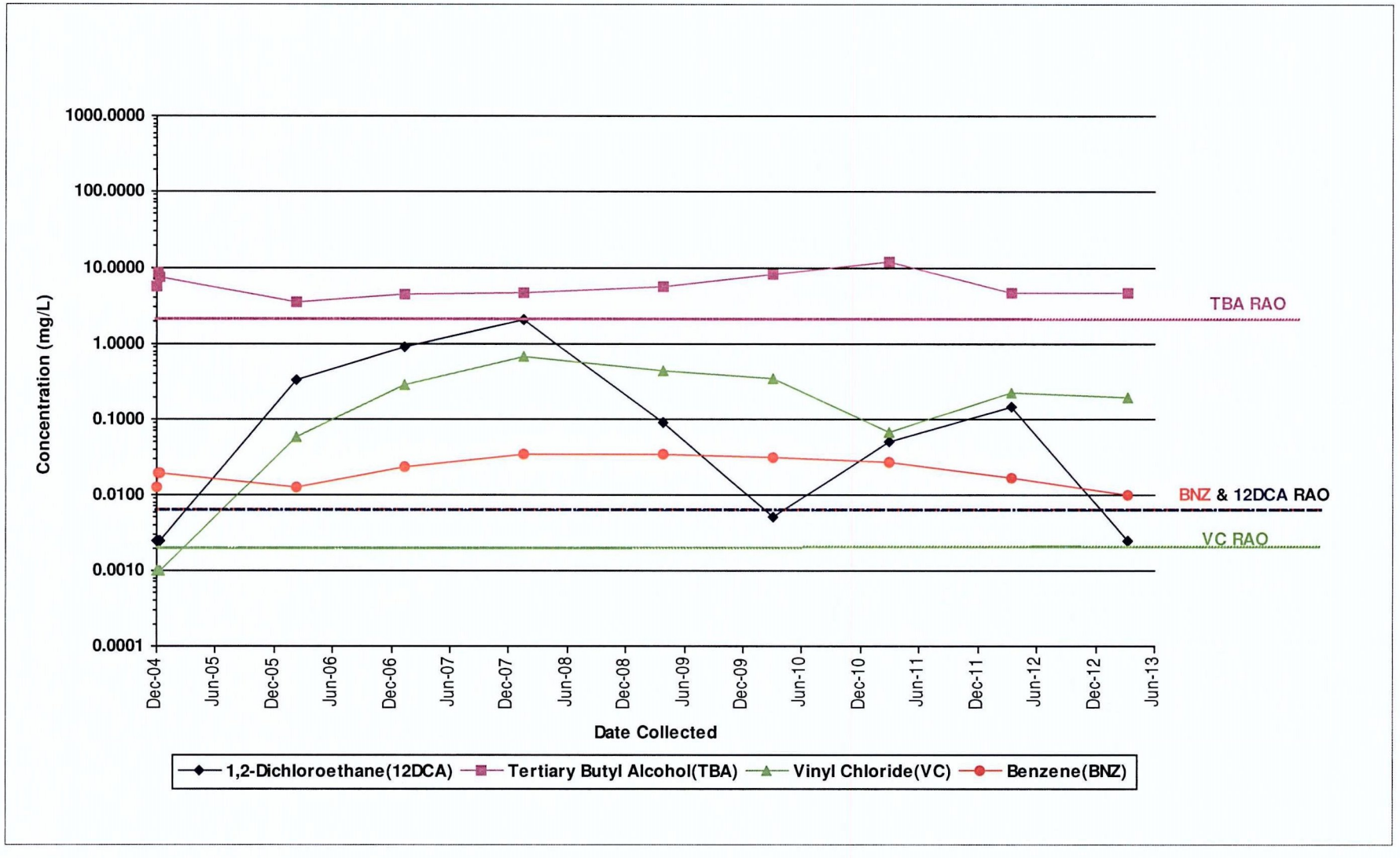


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-260

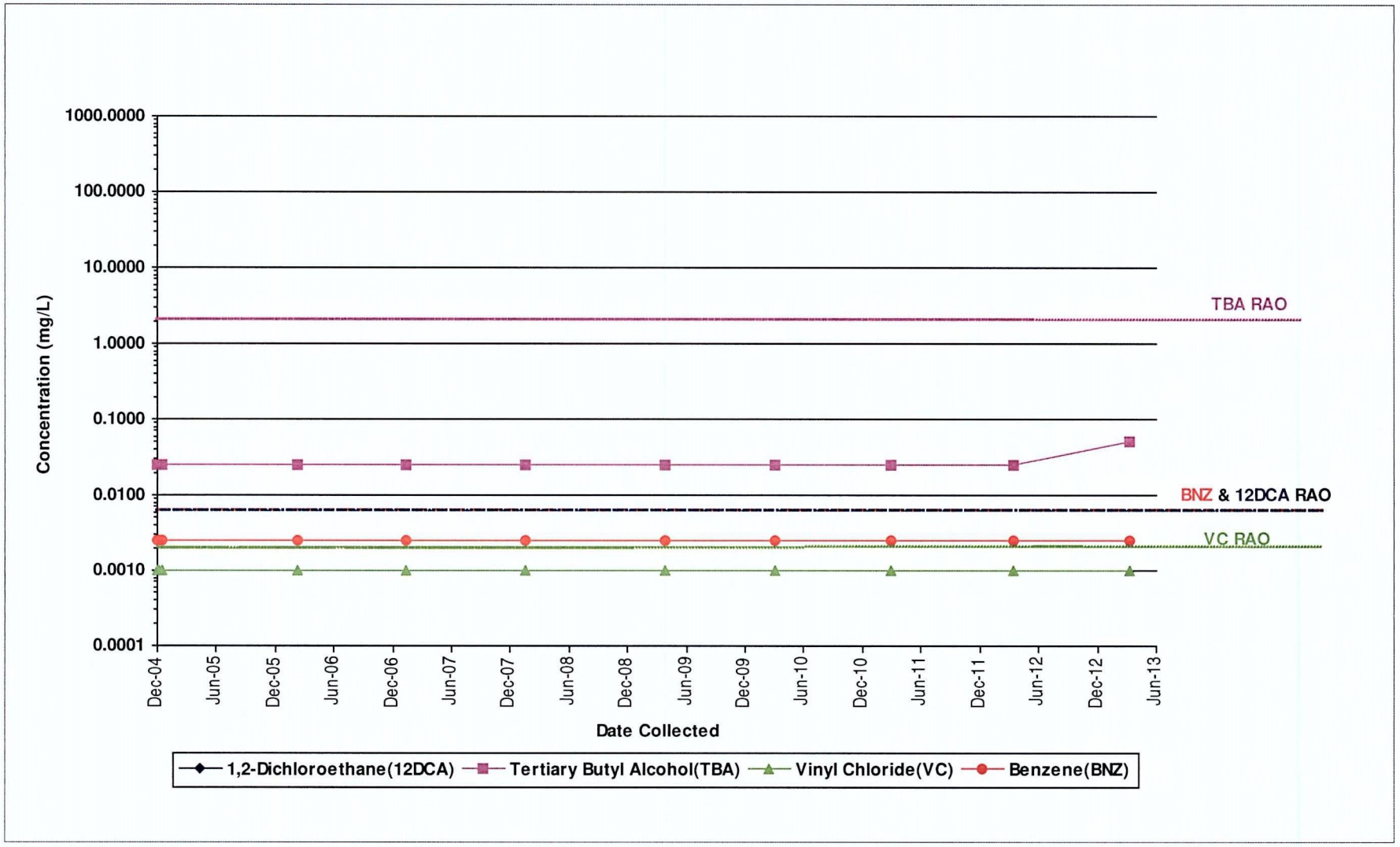


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-261

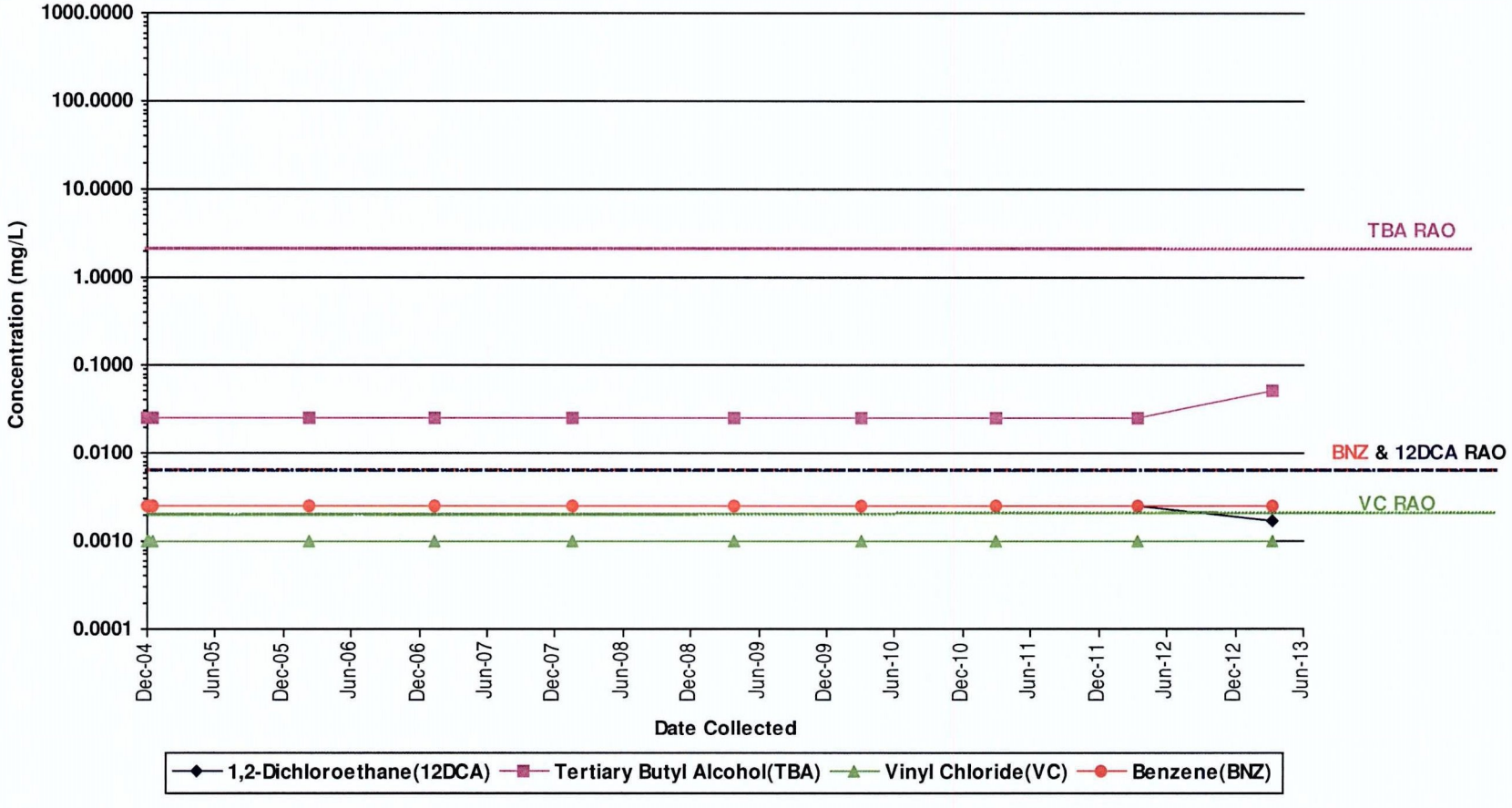


Not Detected results are graphed as 1/2 the laboratory reporting limit.

CENTRAL PLUME AREA

Unit Screened: INT

Well: INT-262

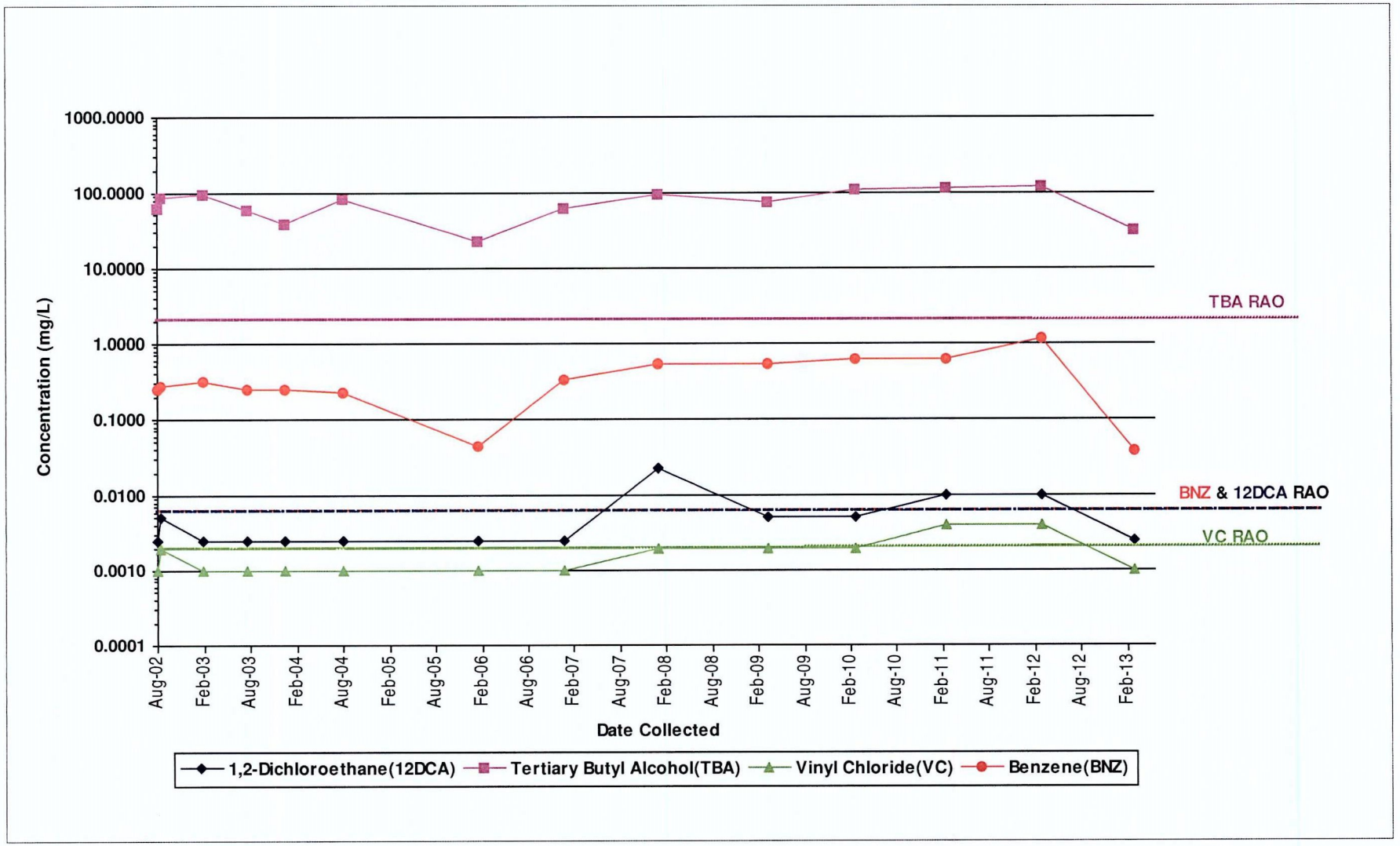


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-064

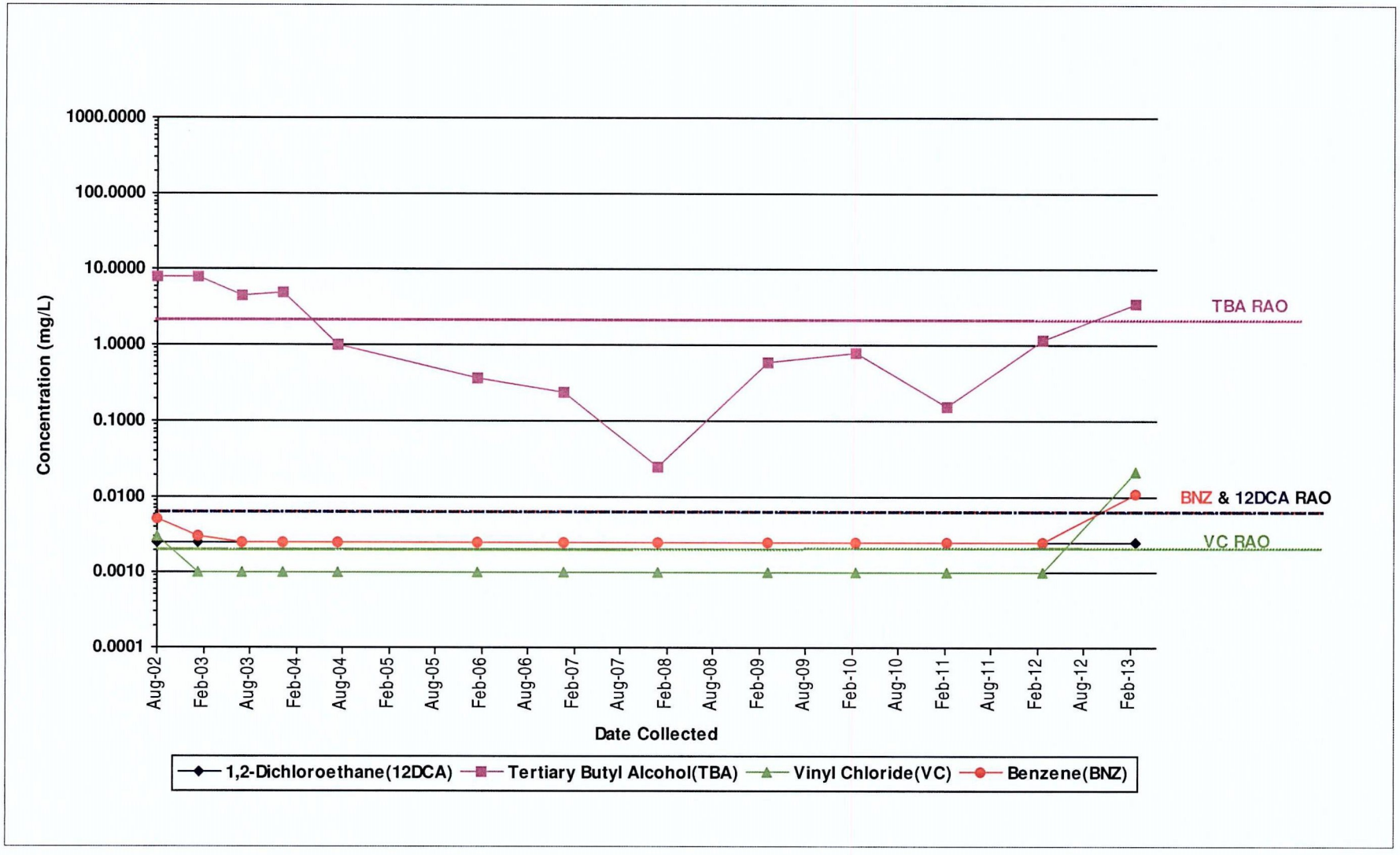


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-105

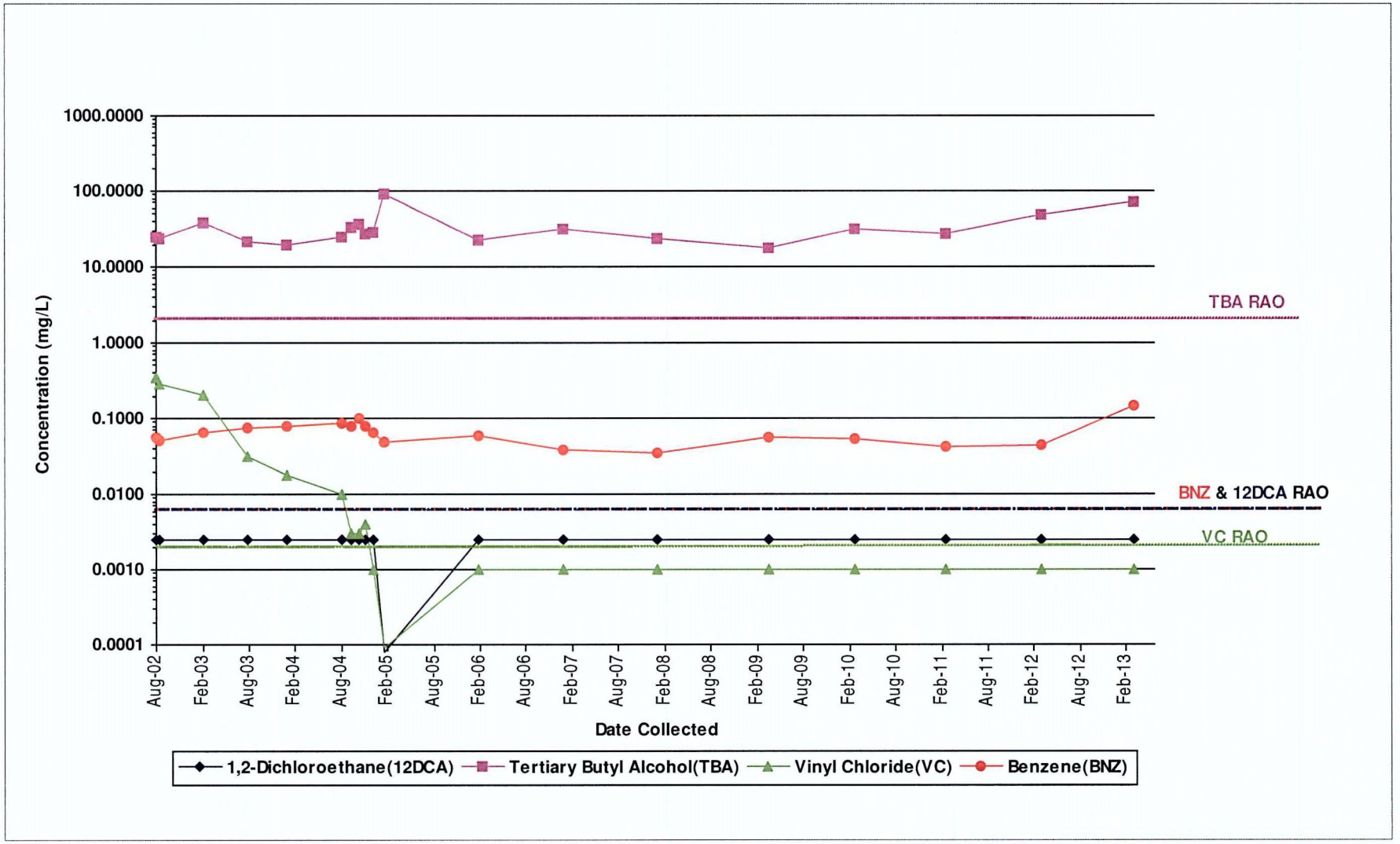


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-131

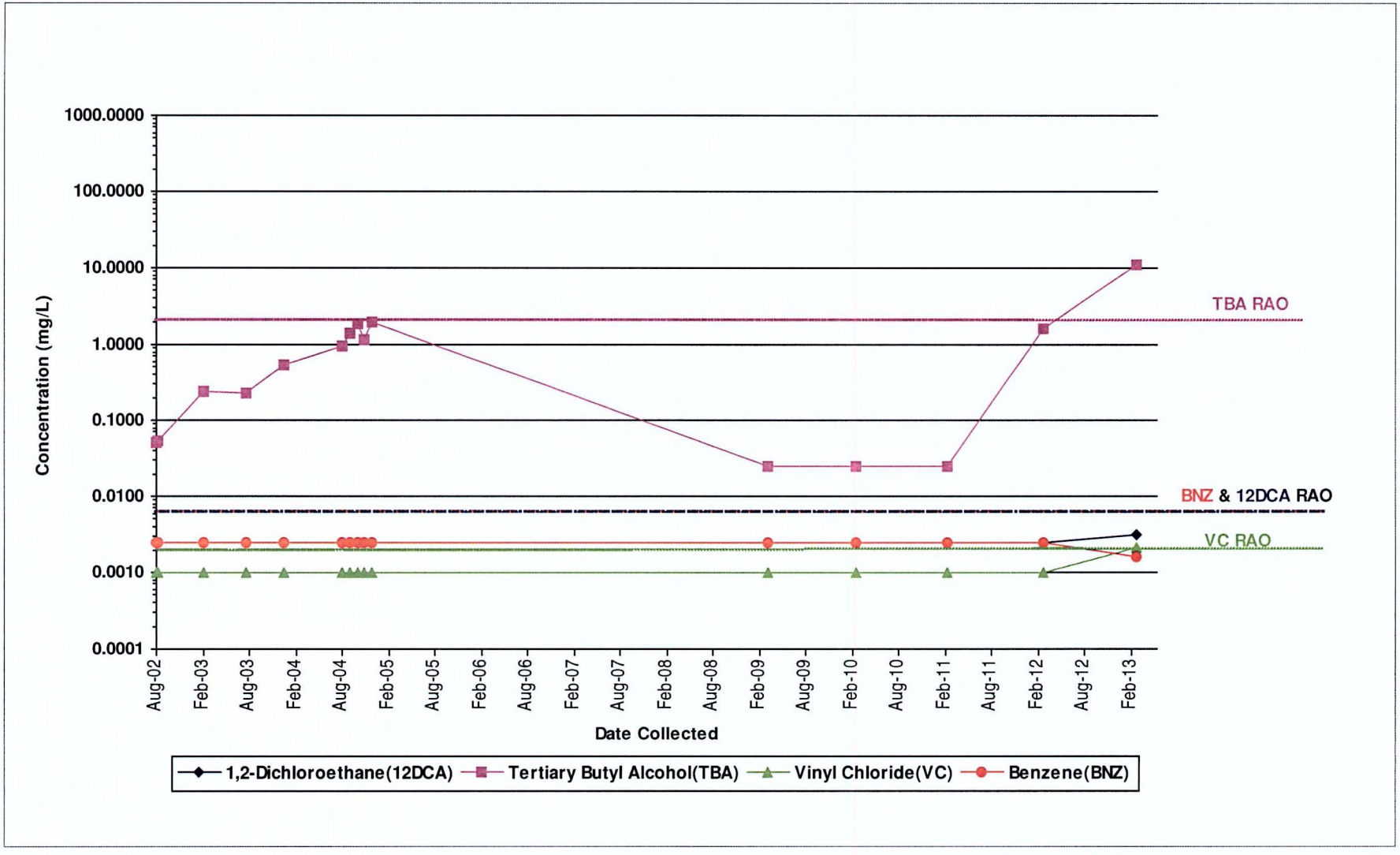


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-136

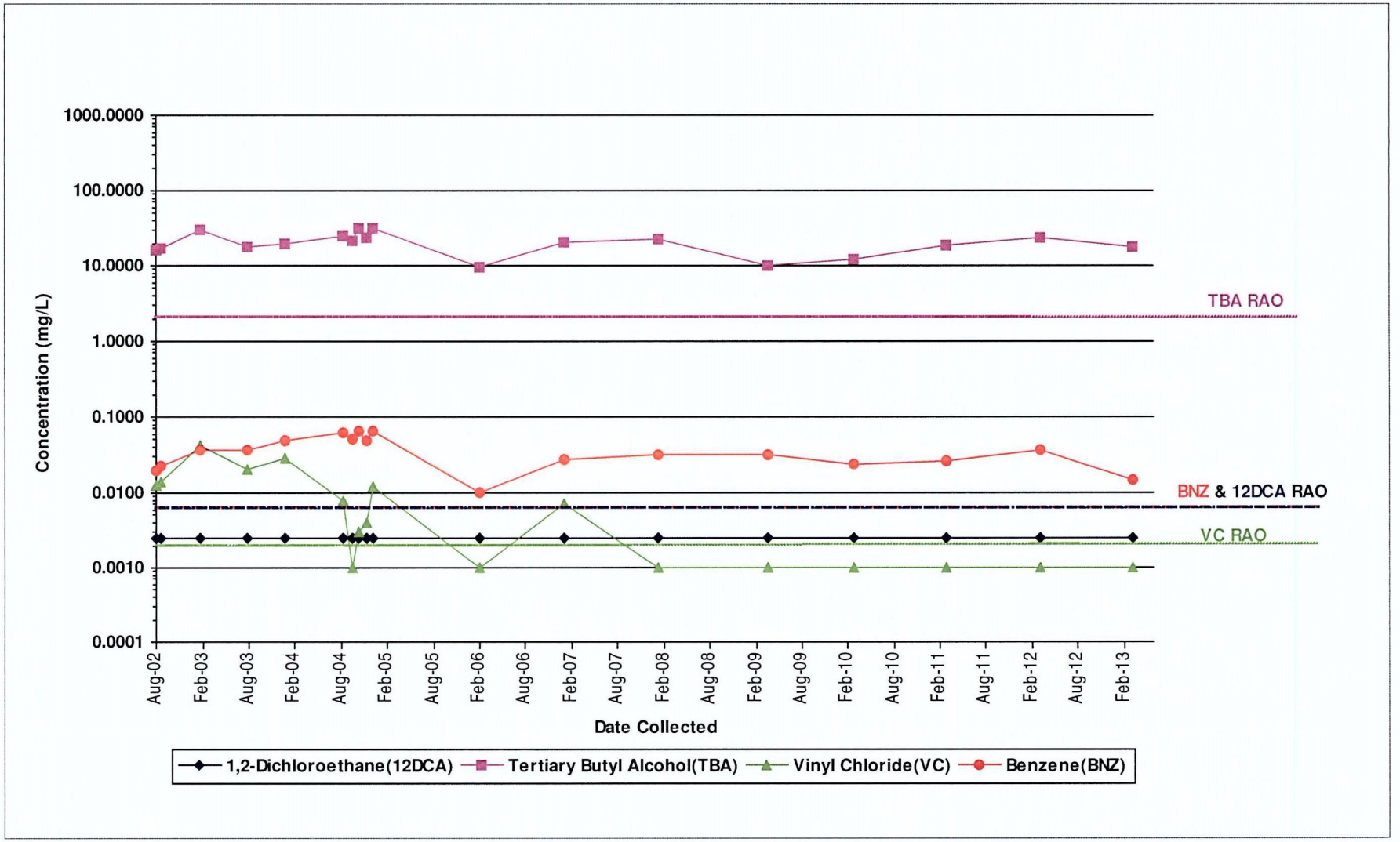


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-138

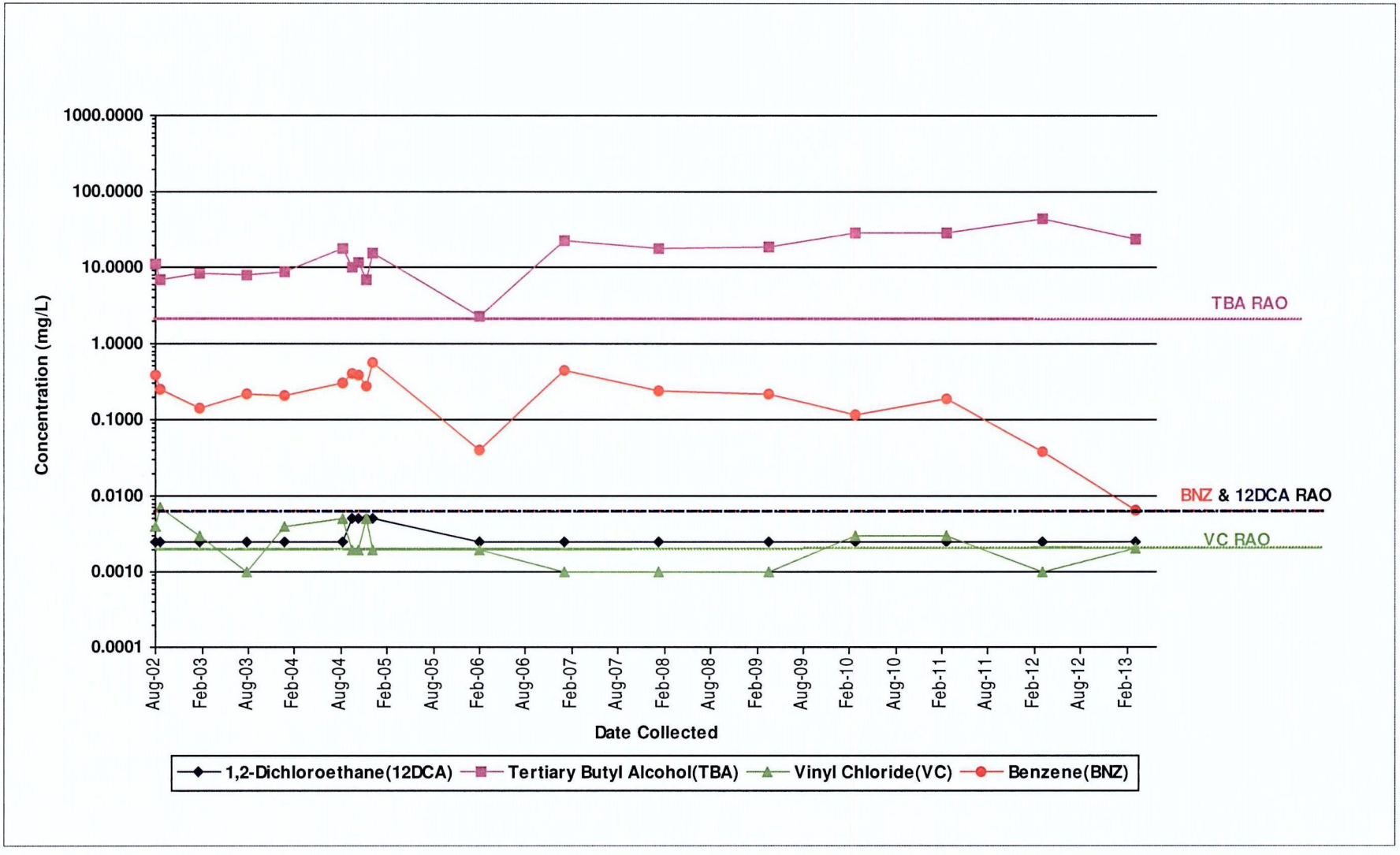


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-139

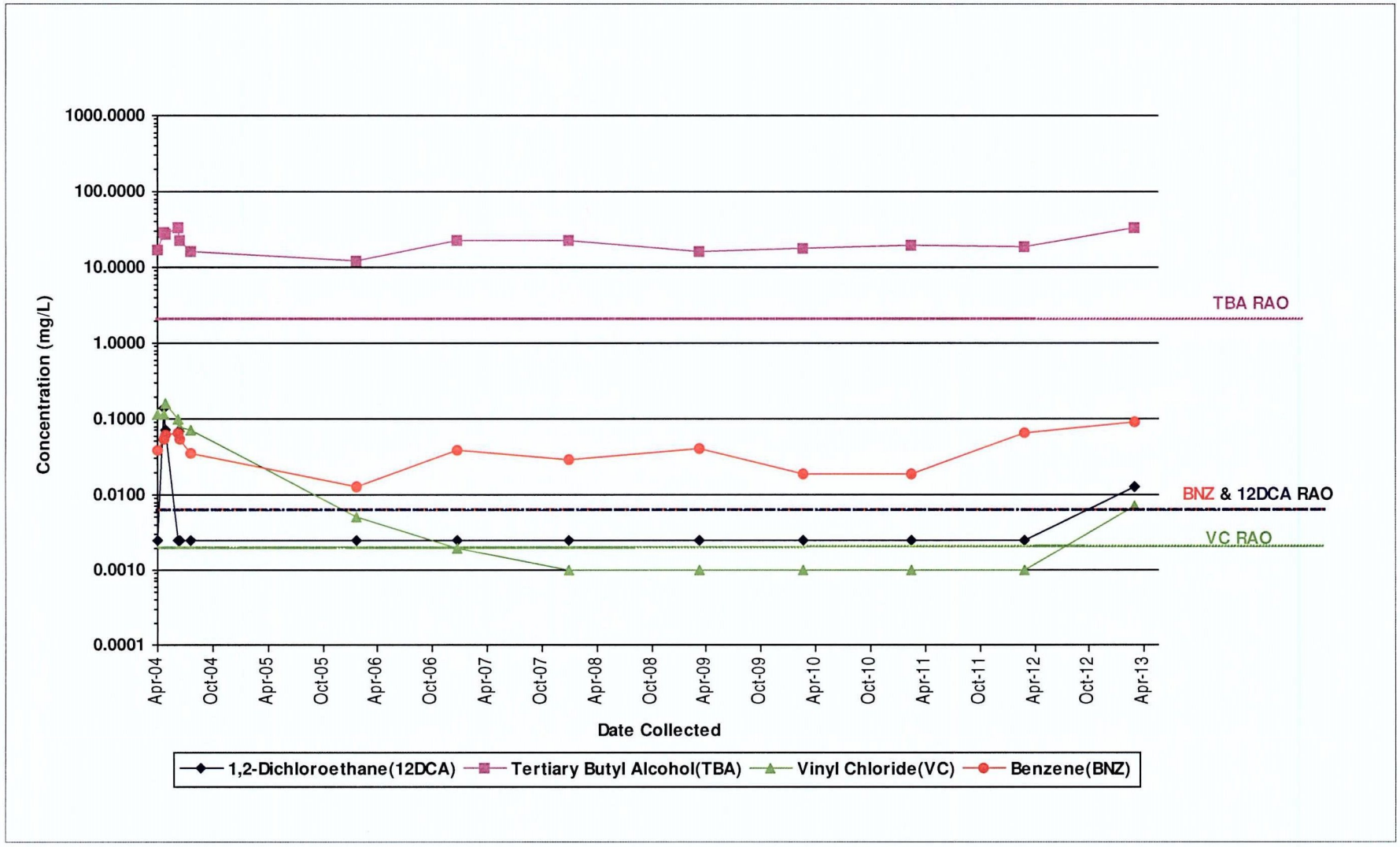


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-160

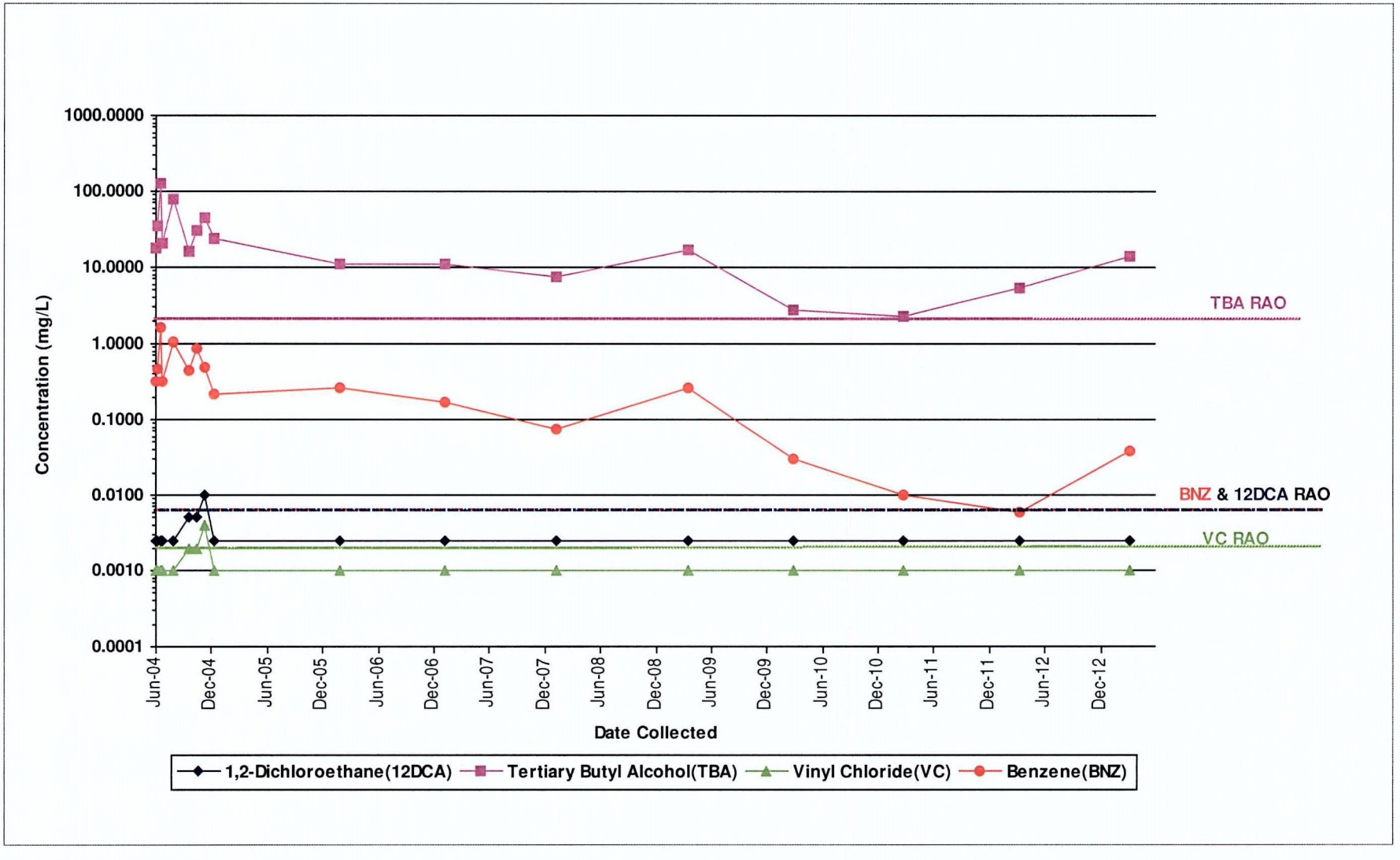


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-161

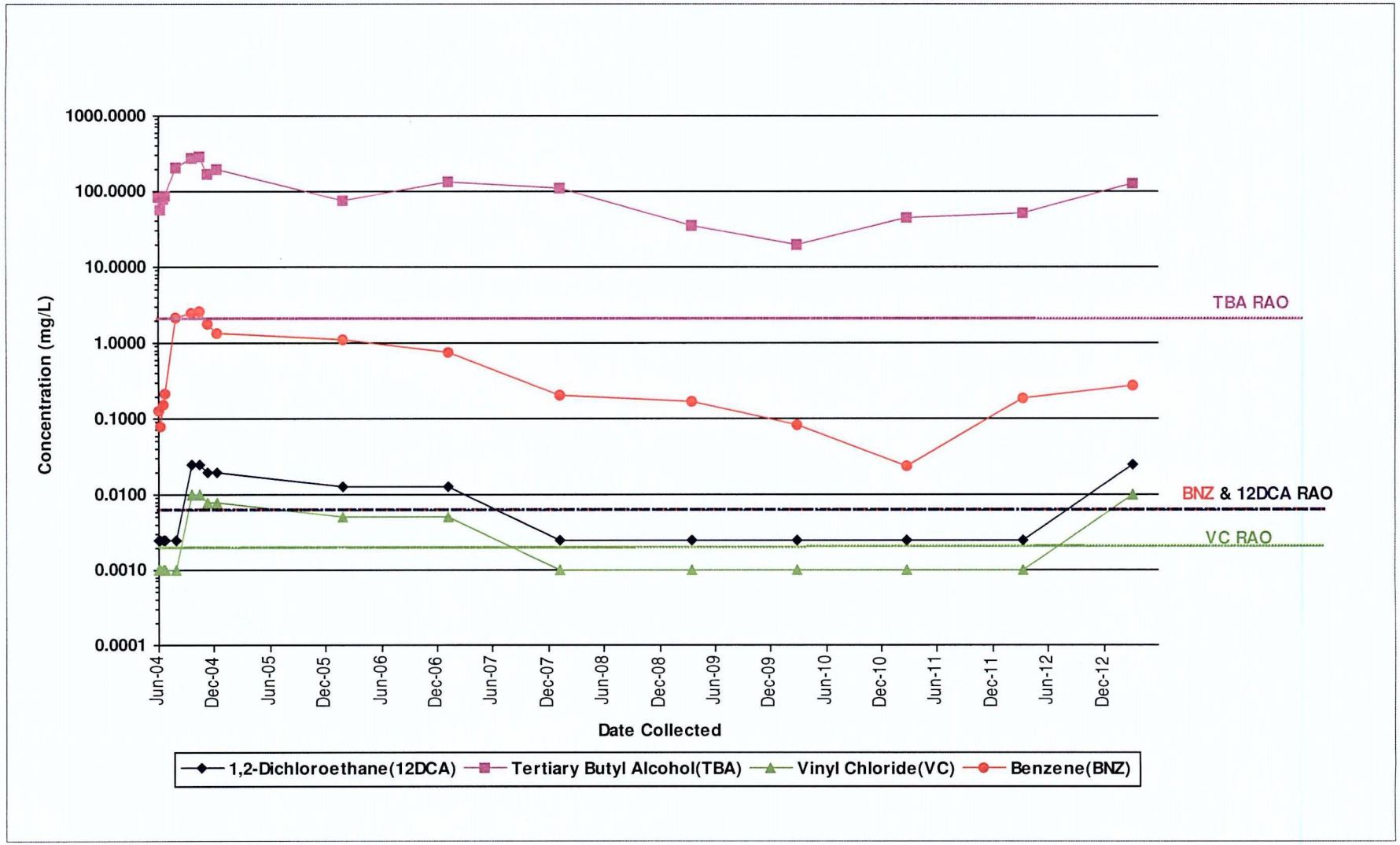


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-162

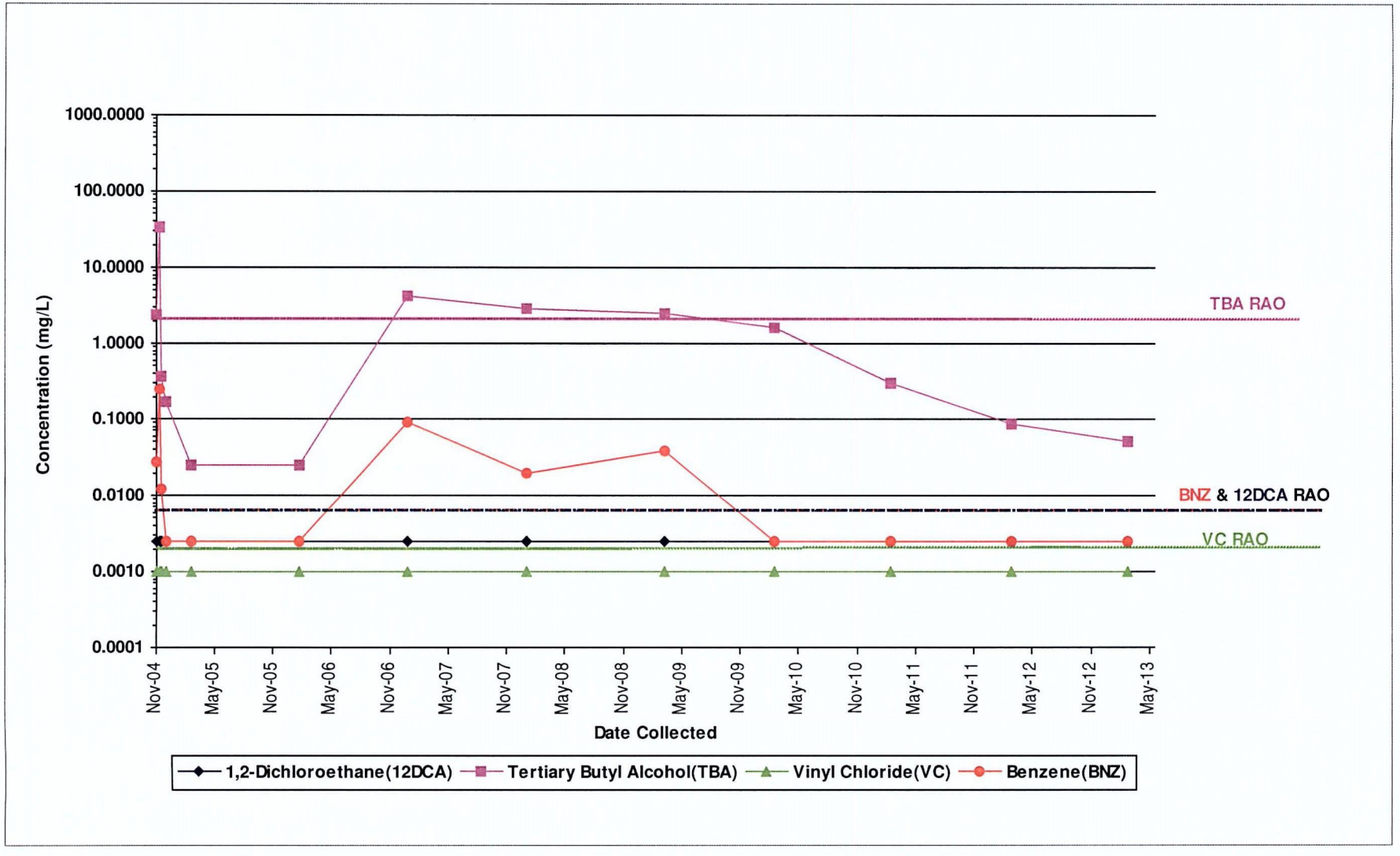


Not Detected results are graphed as 1/2 the laboratory reporting limit.

EAST PLUME AREA

Unit Screened: S1

Well: S1-165

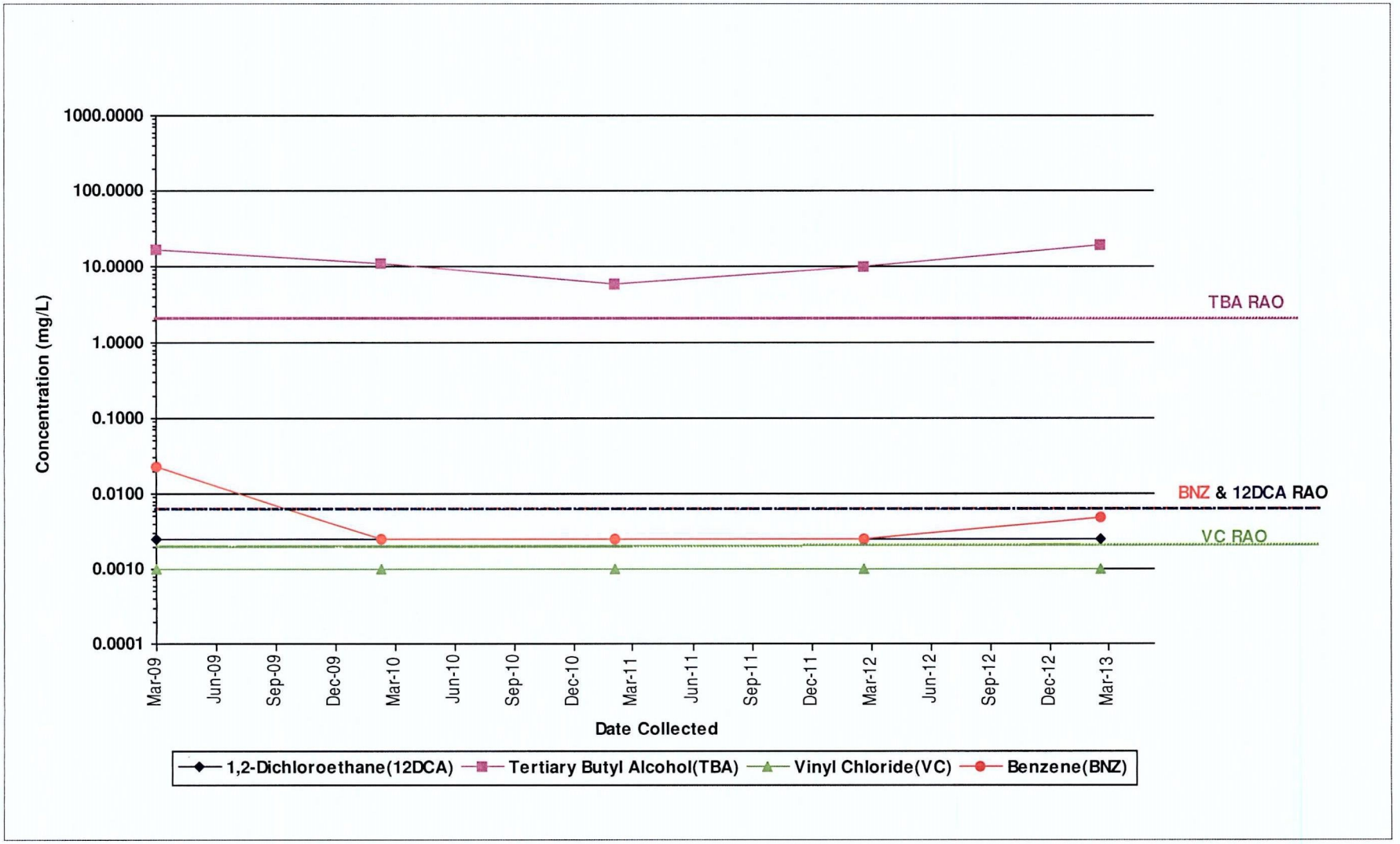


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: P-5

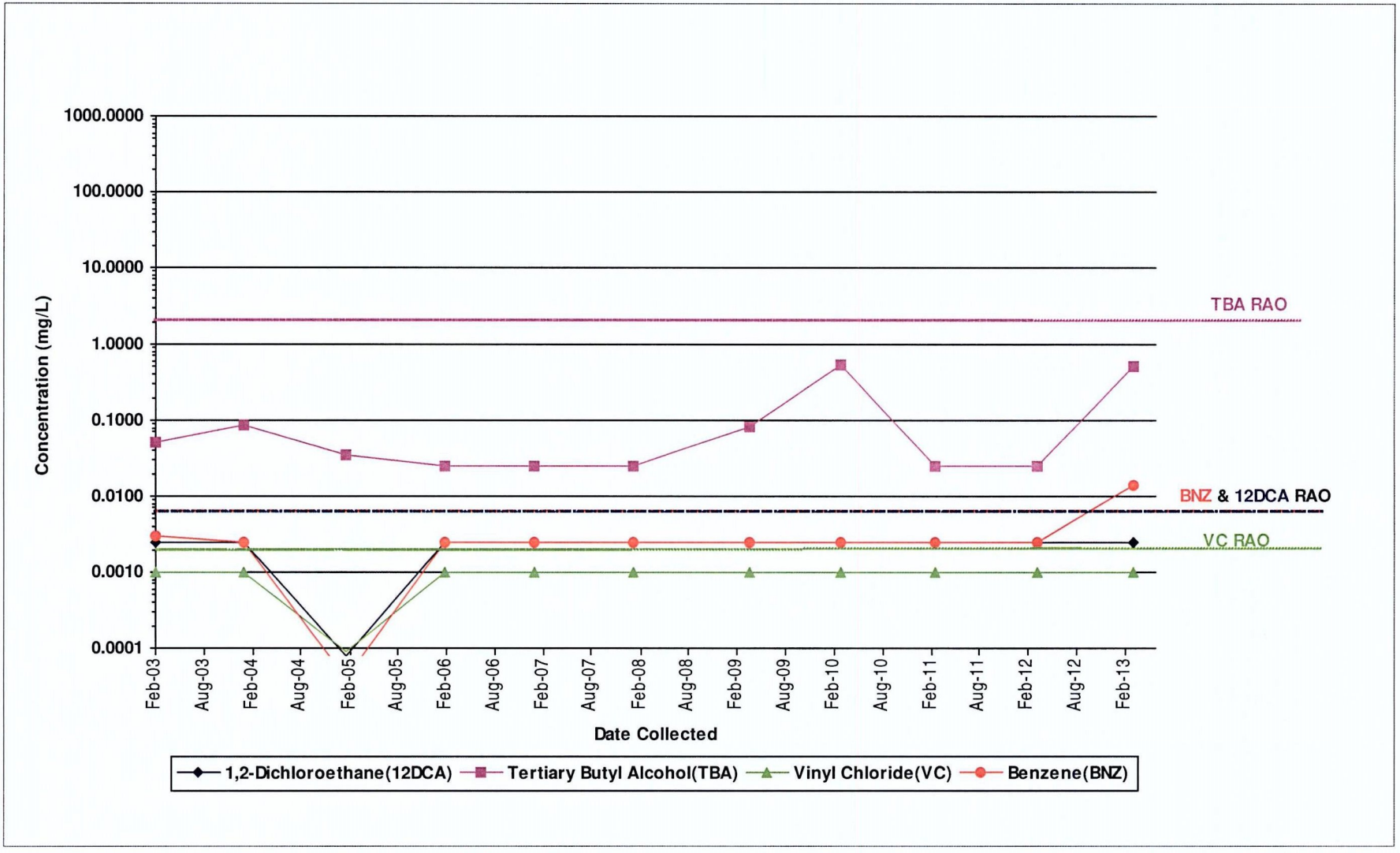


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: S1-031

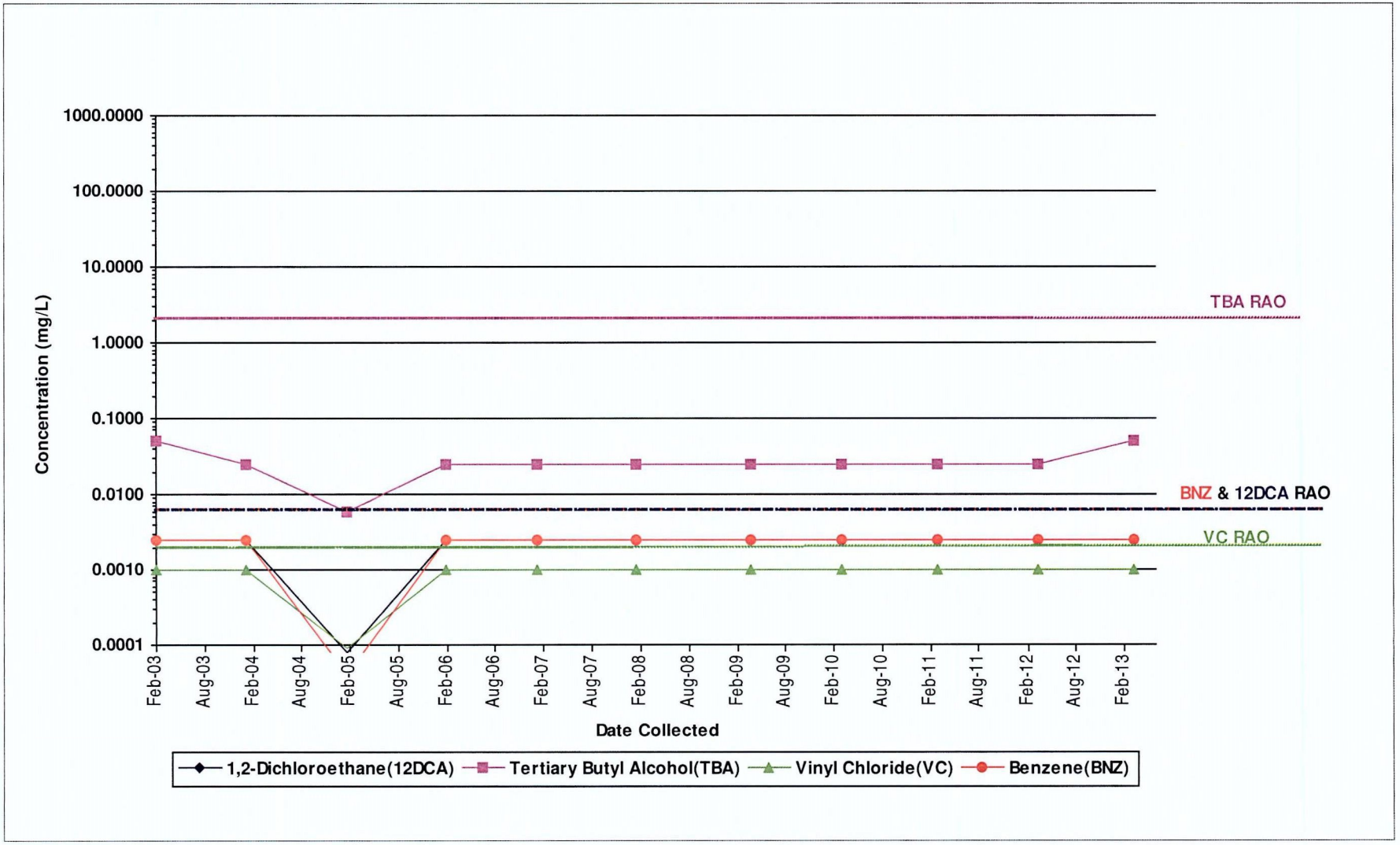


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: S1-033

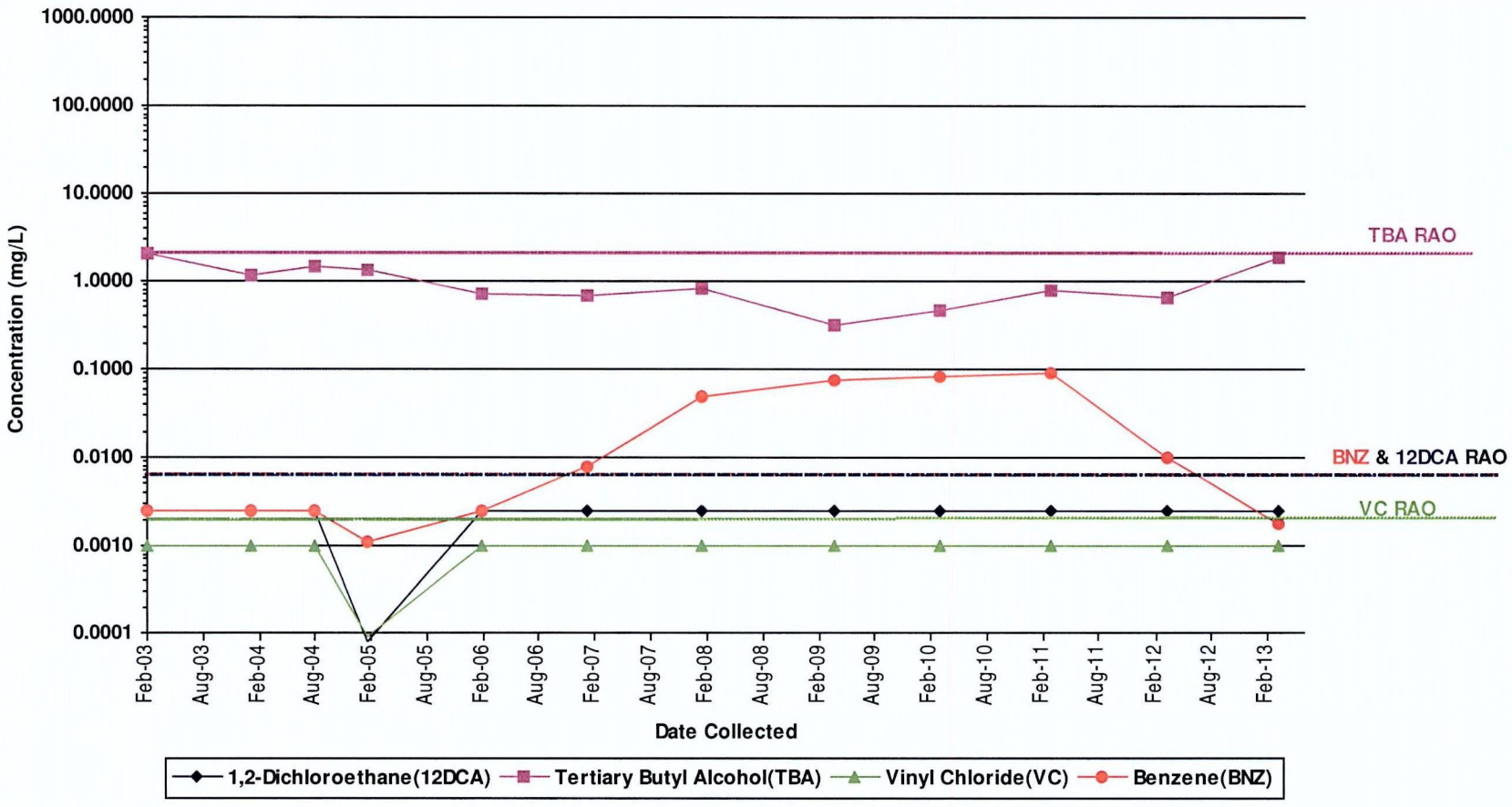


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: S1-051-P-3

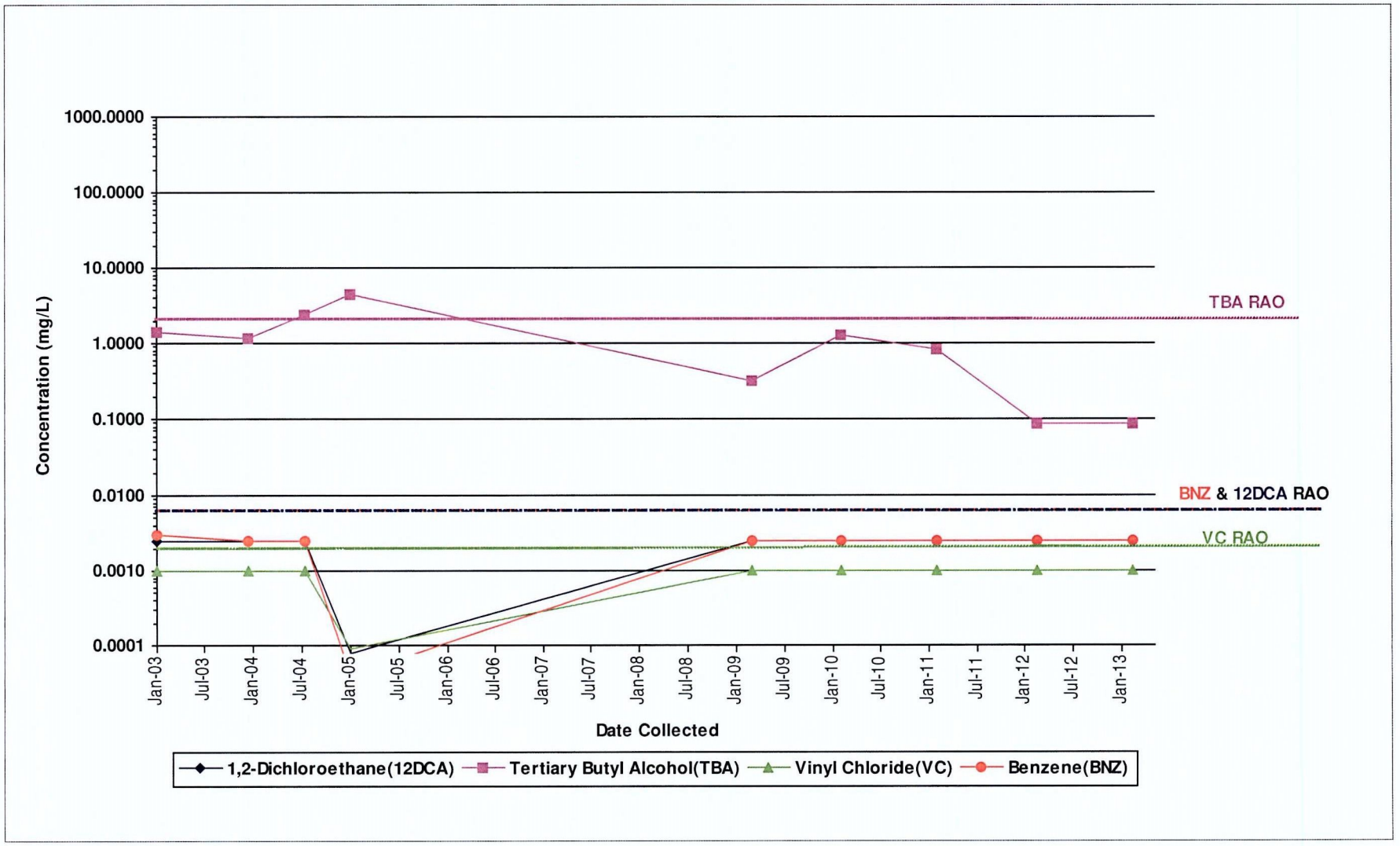


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: S1-111

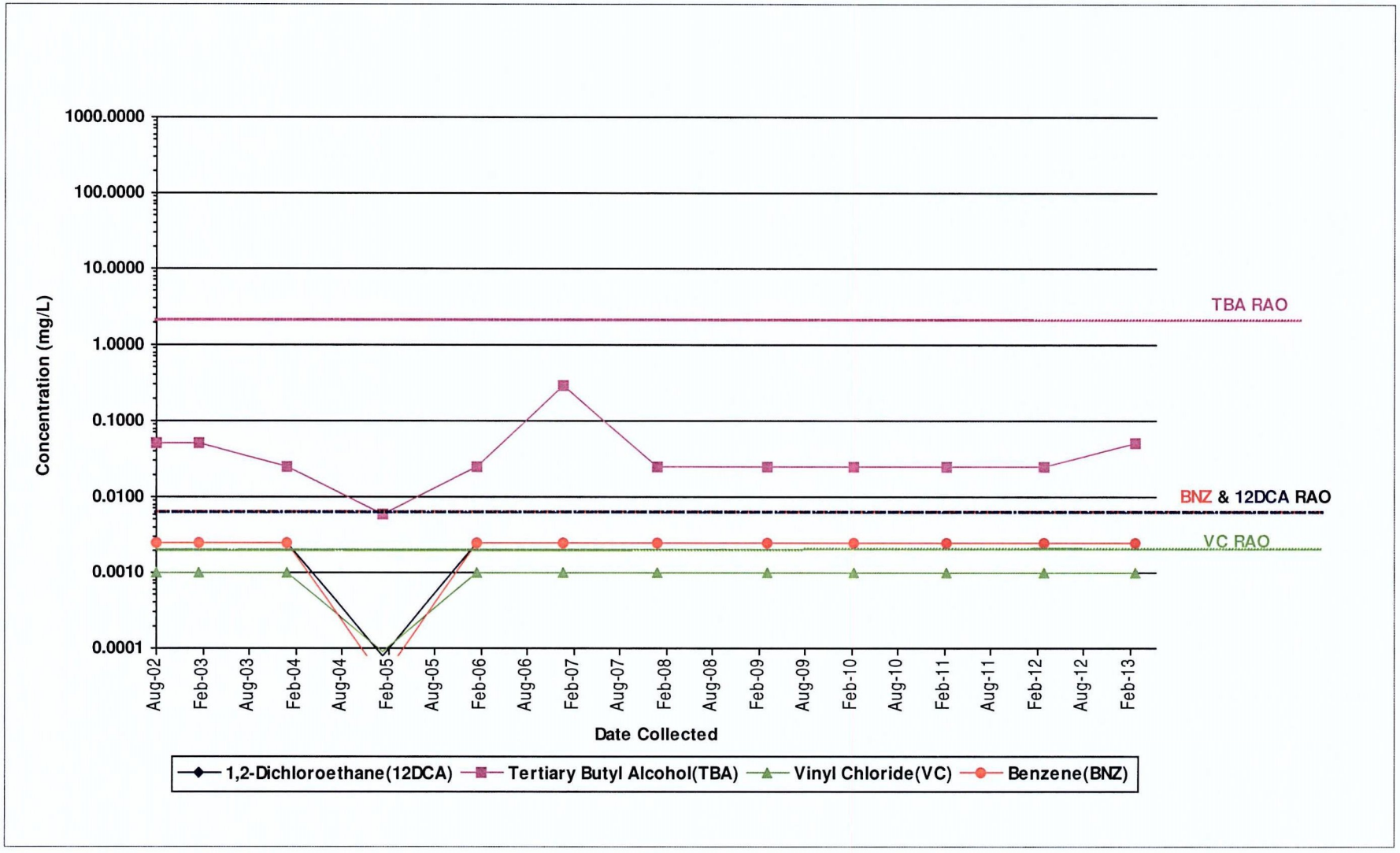


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: S1-118

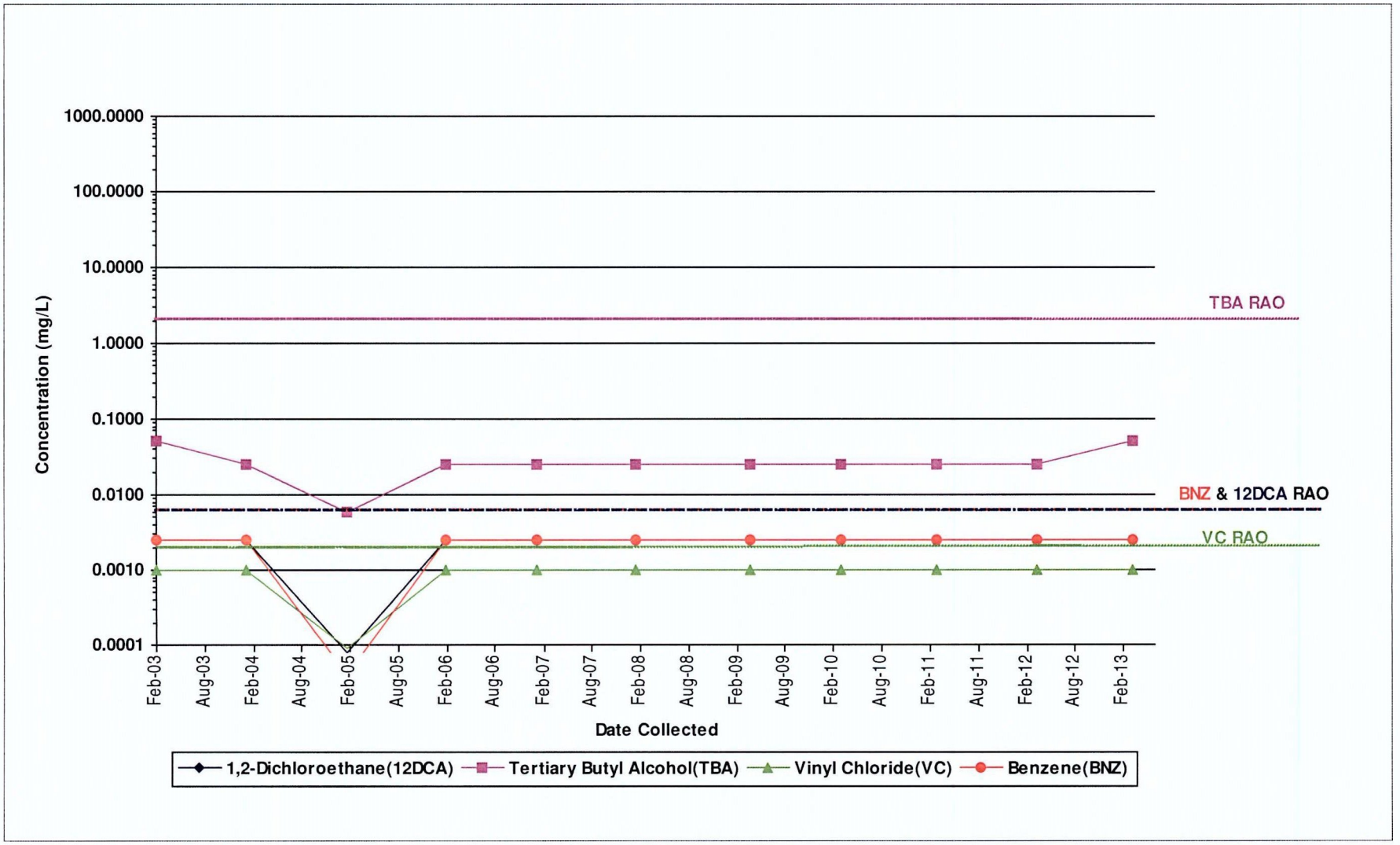


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: S1

Well: S1-135

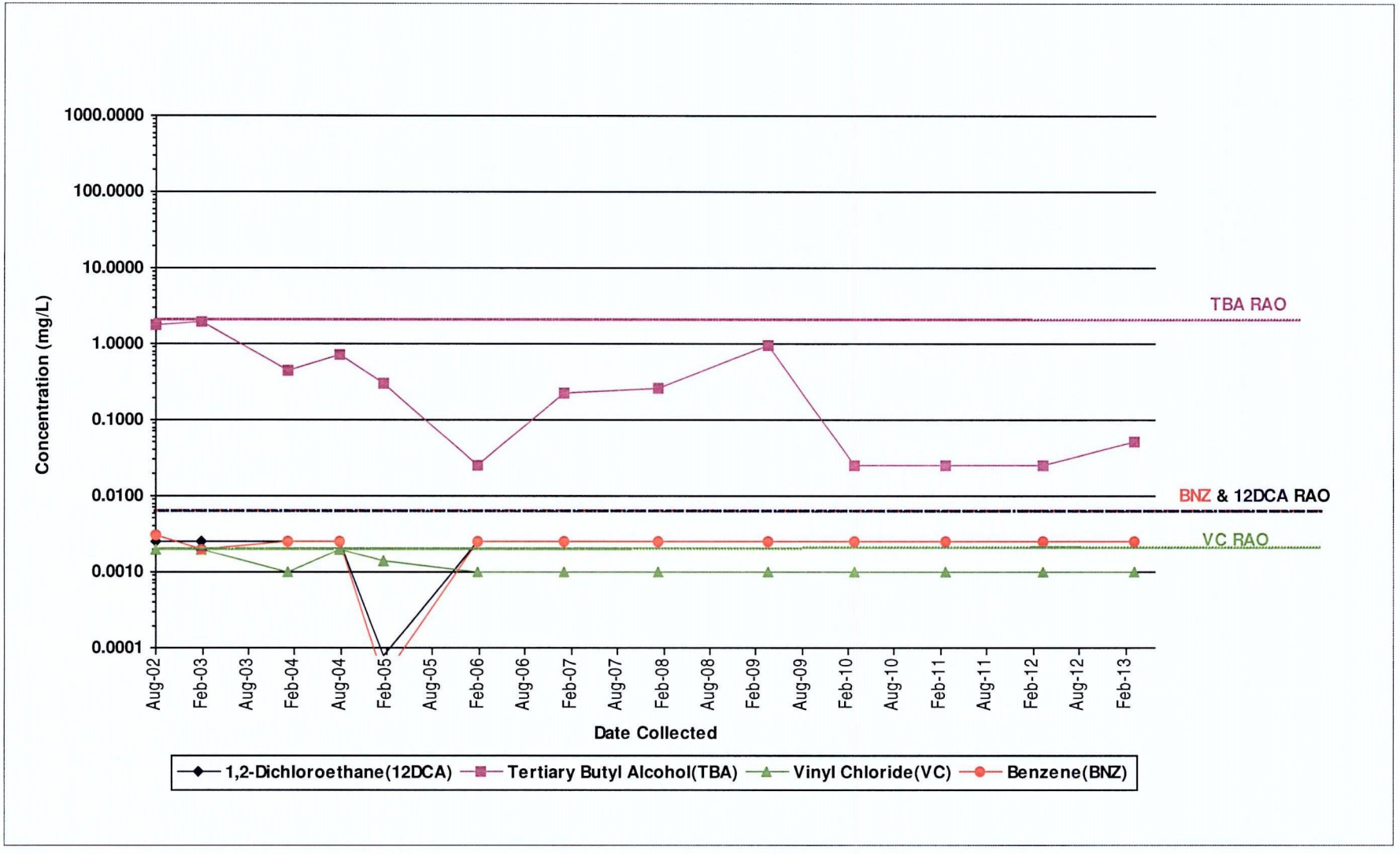


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-022

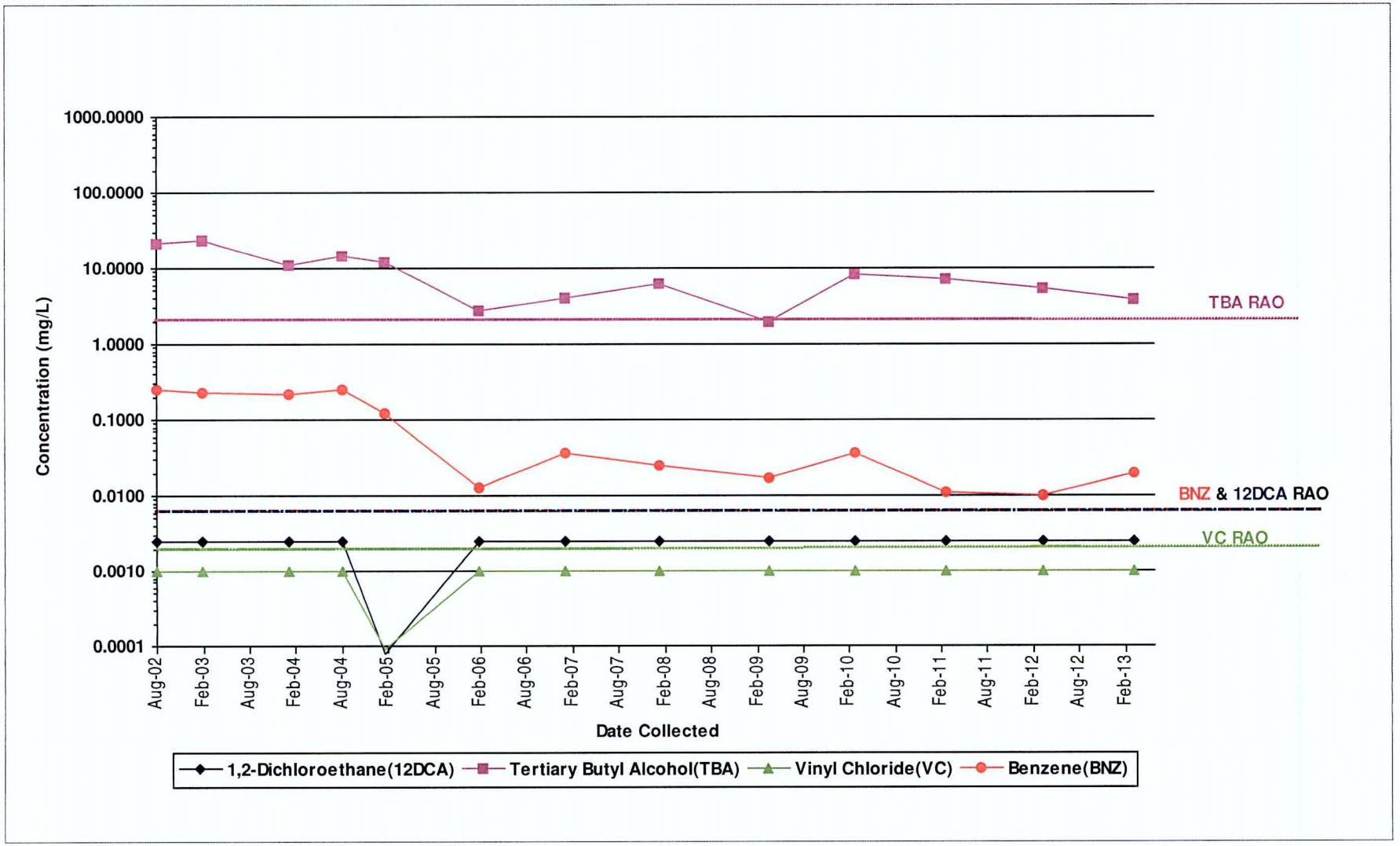


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-026

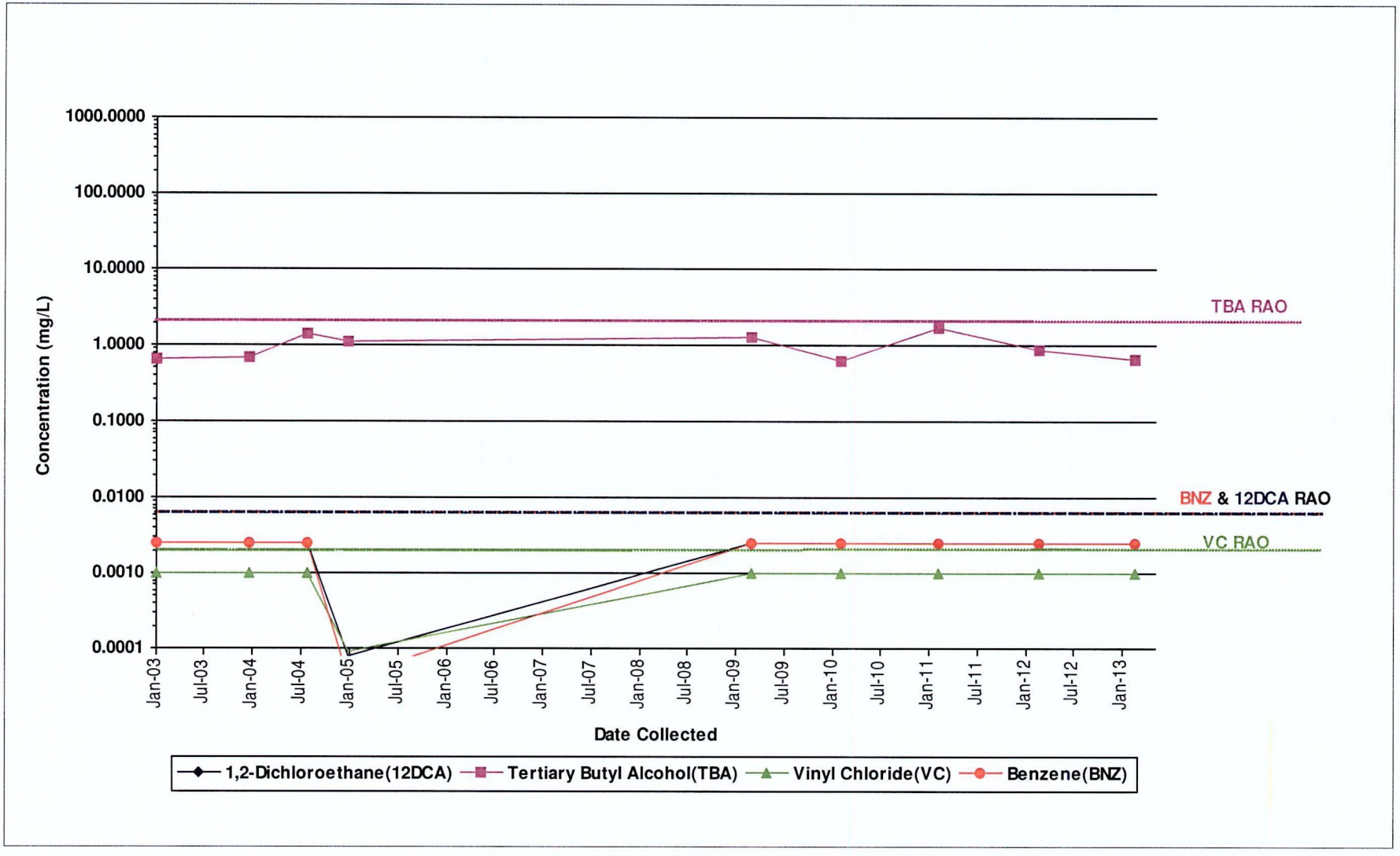


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-059-P-2

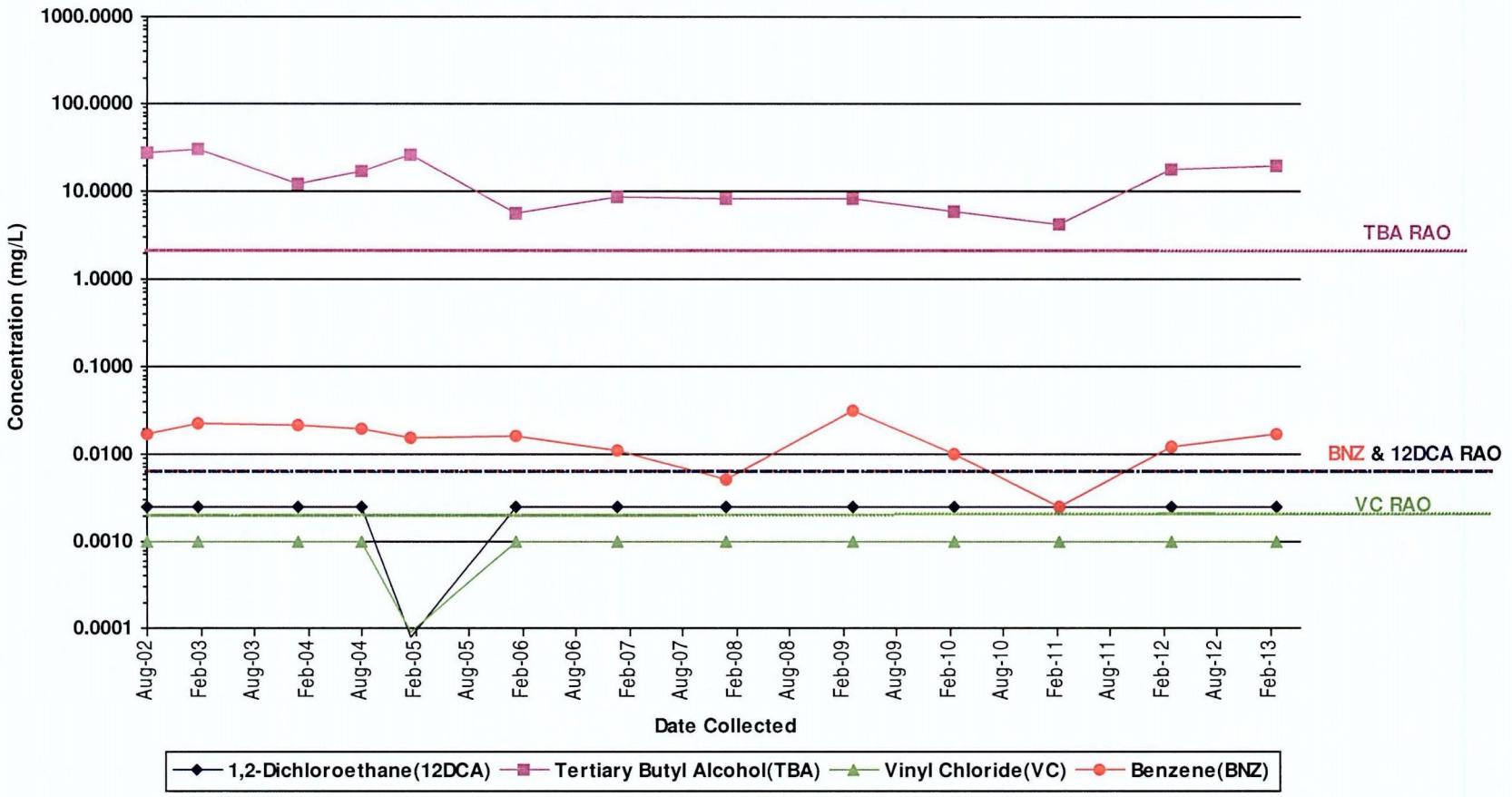


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-101

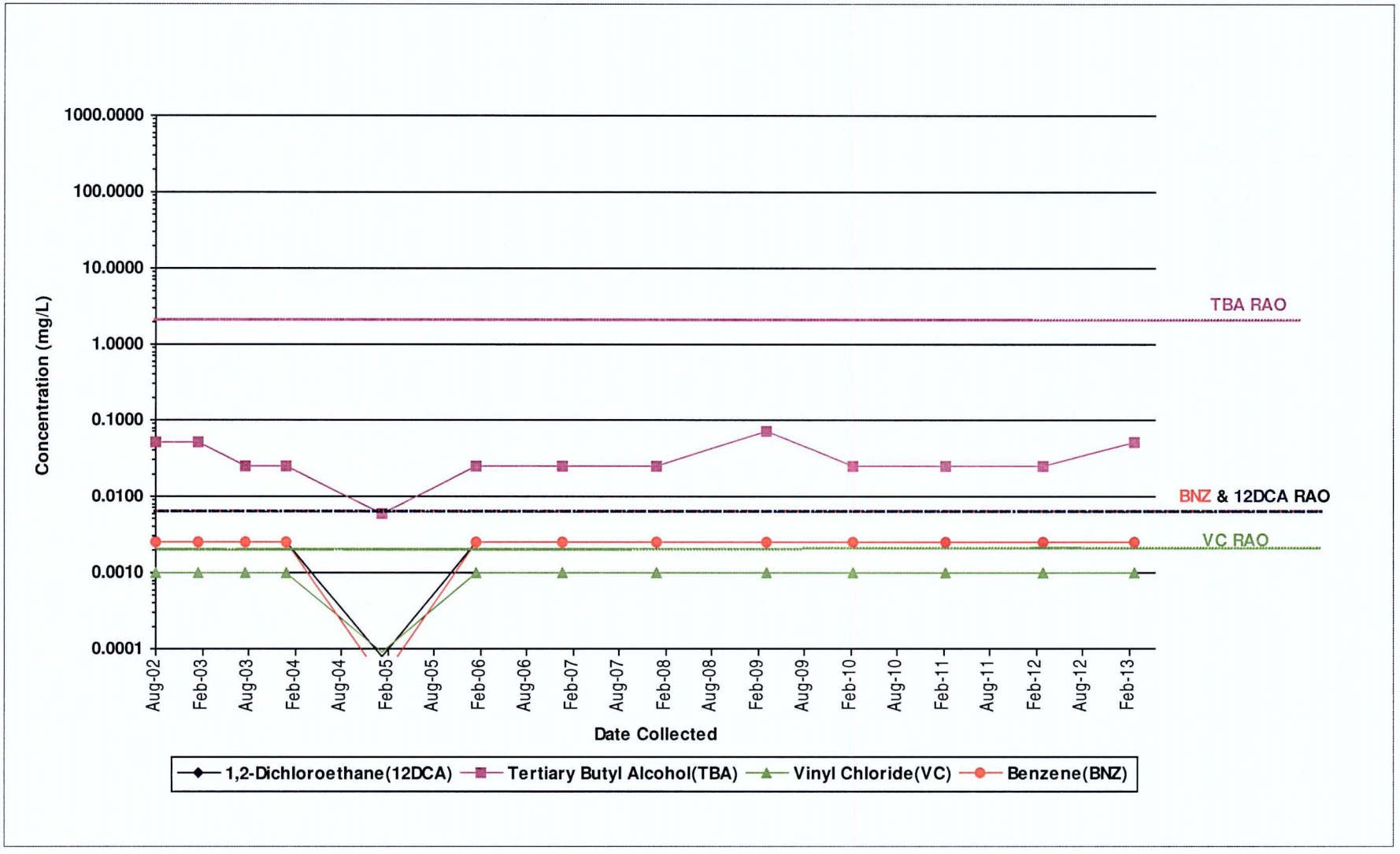


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-118

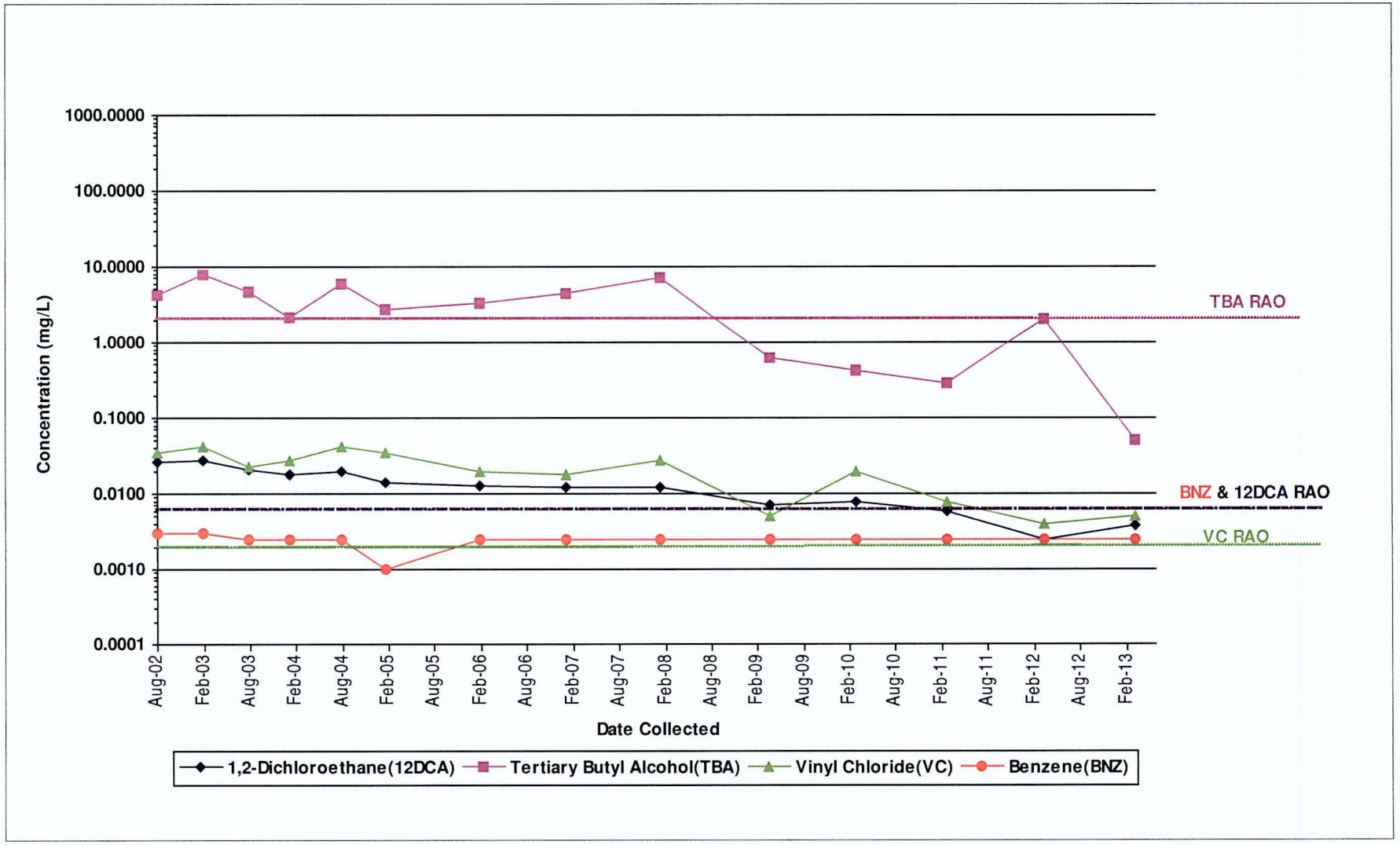


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-134

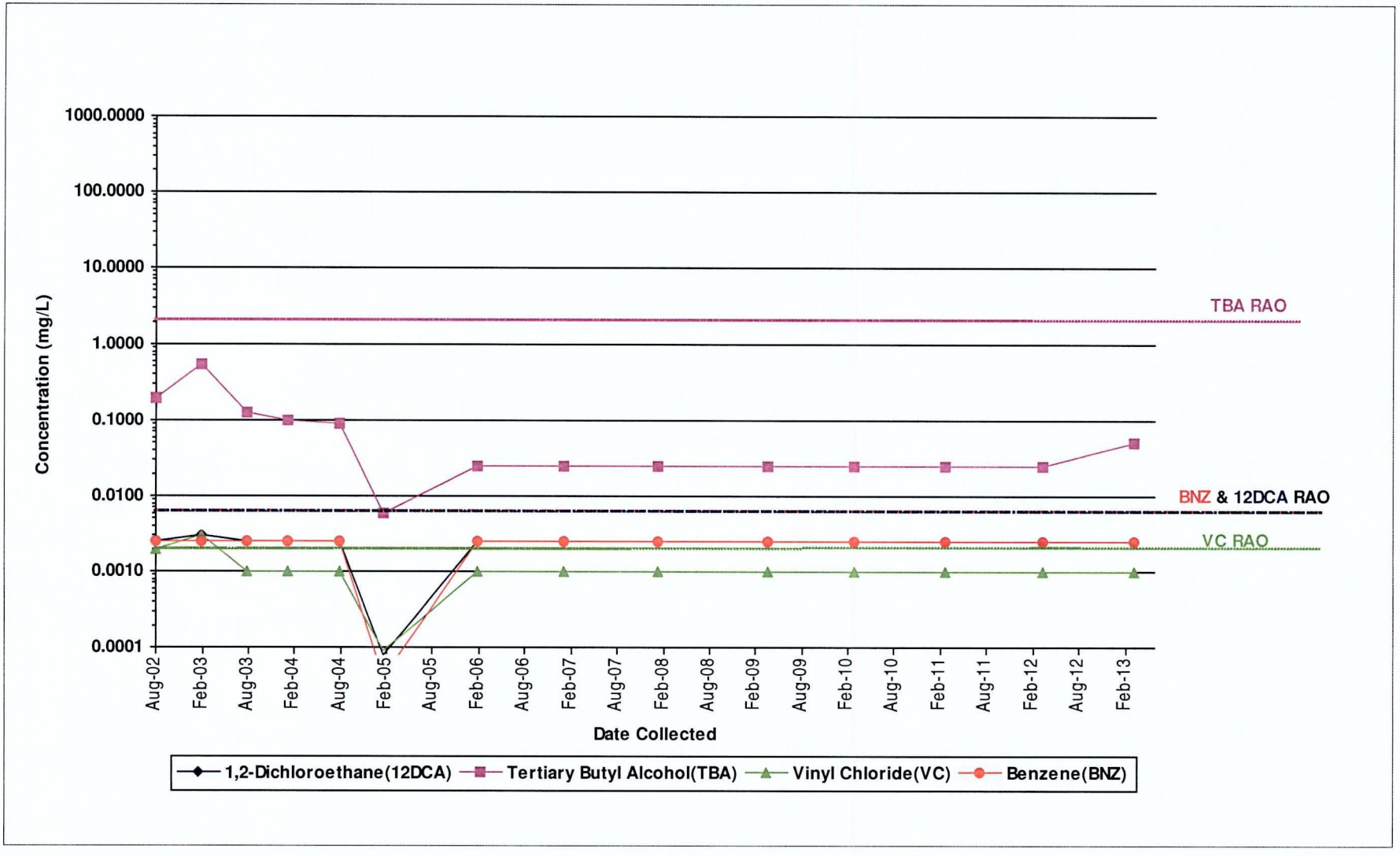


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-135

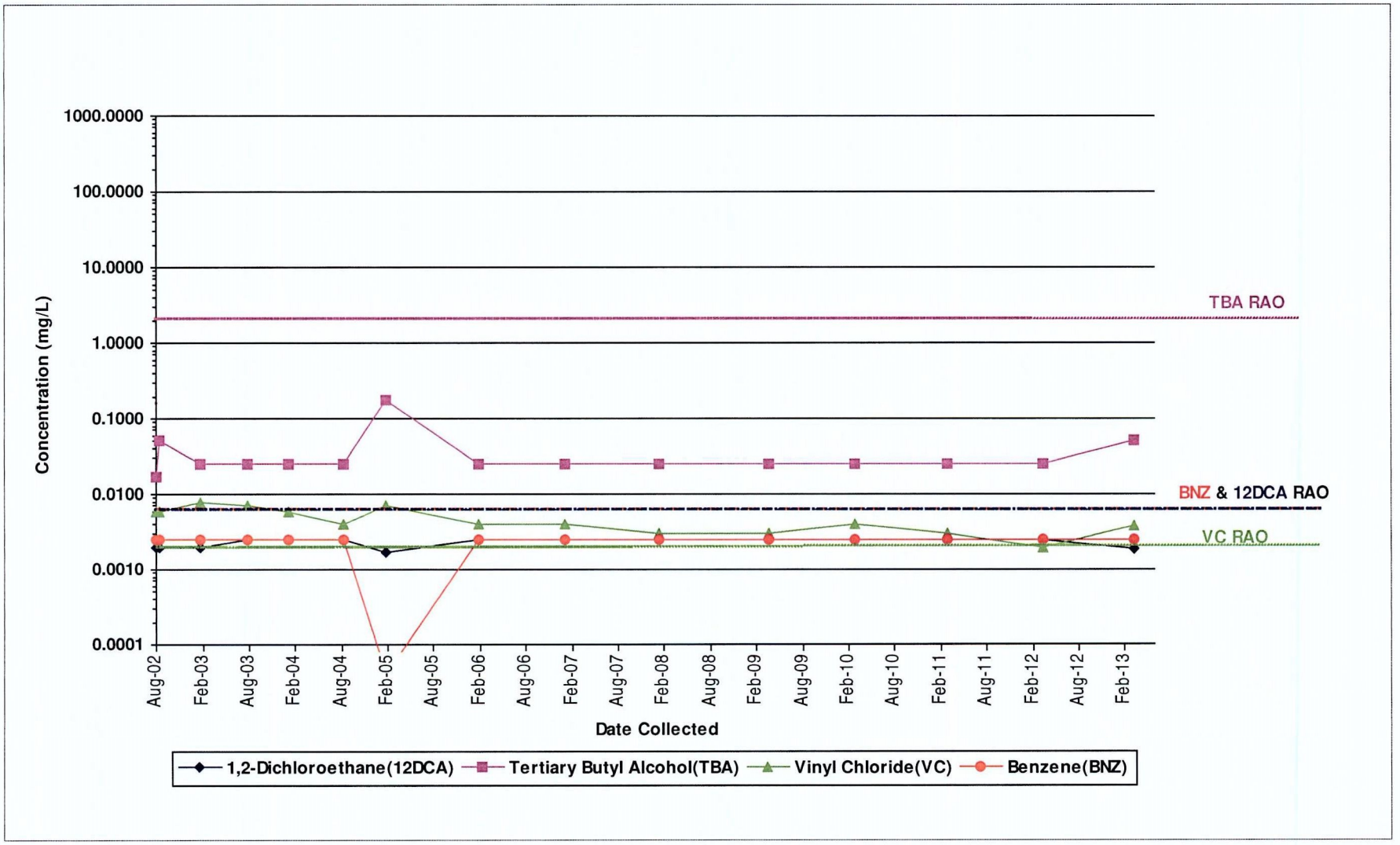


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-144

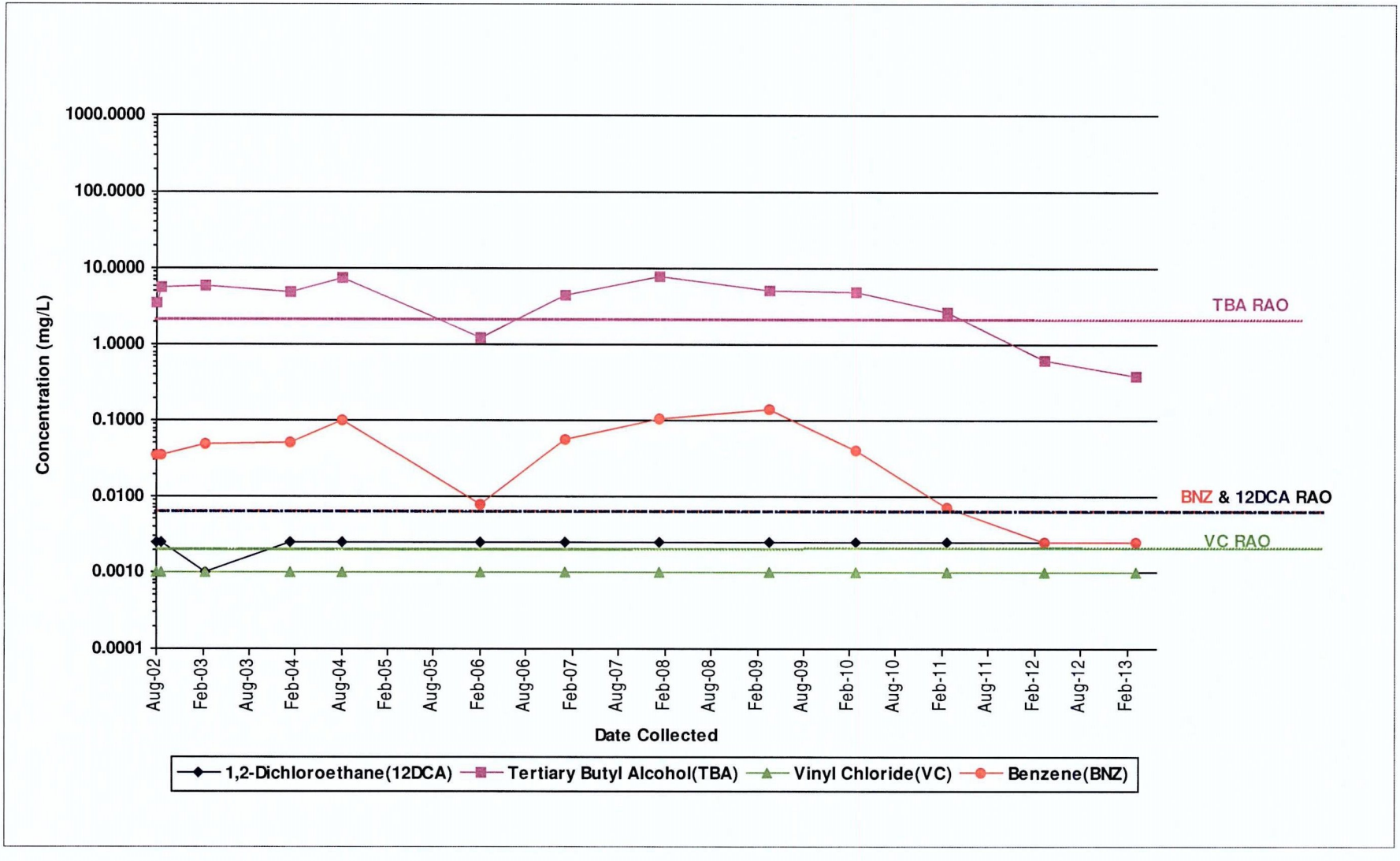


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-150

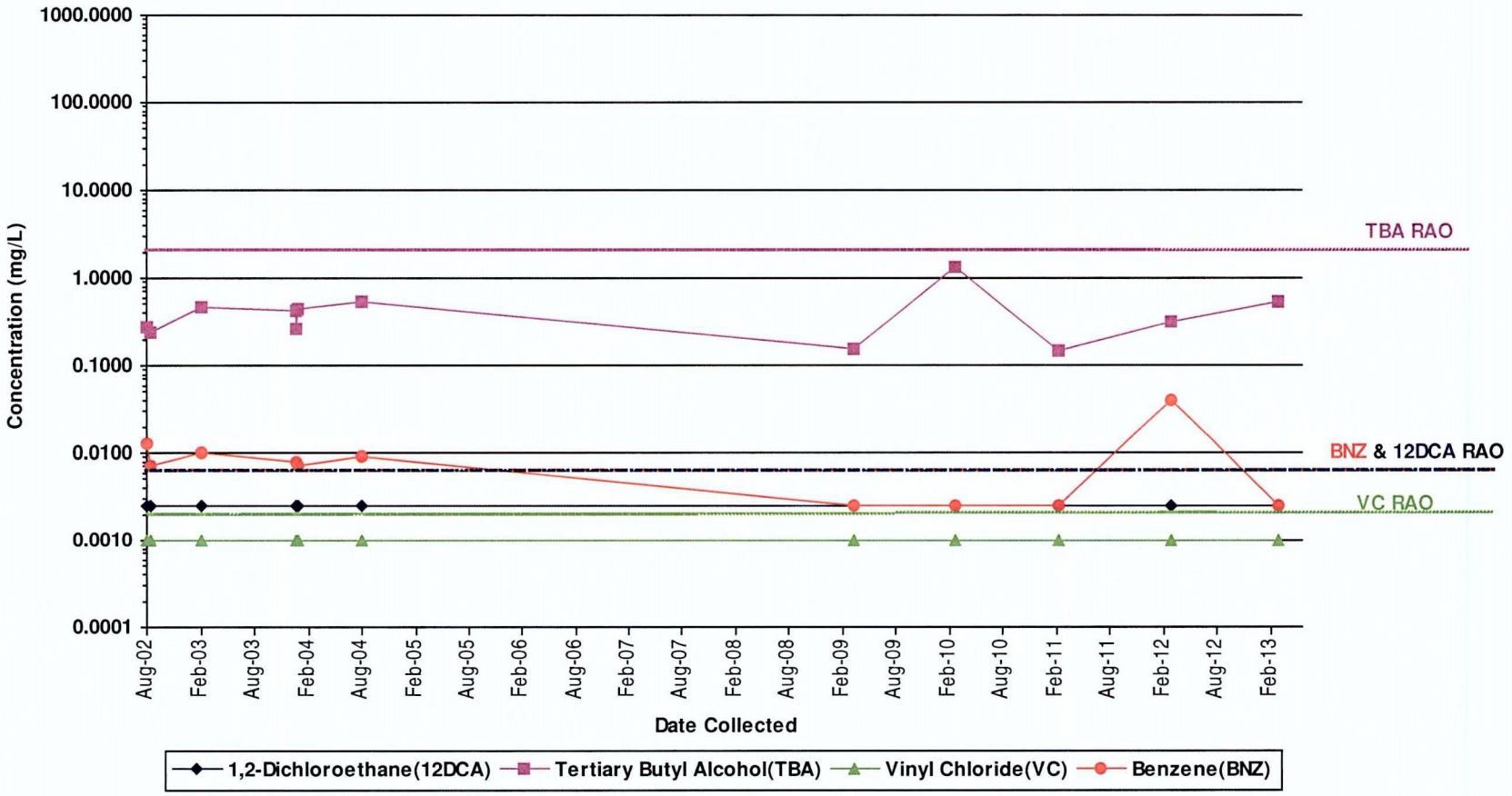


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-161

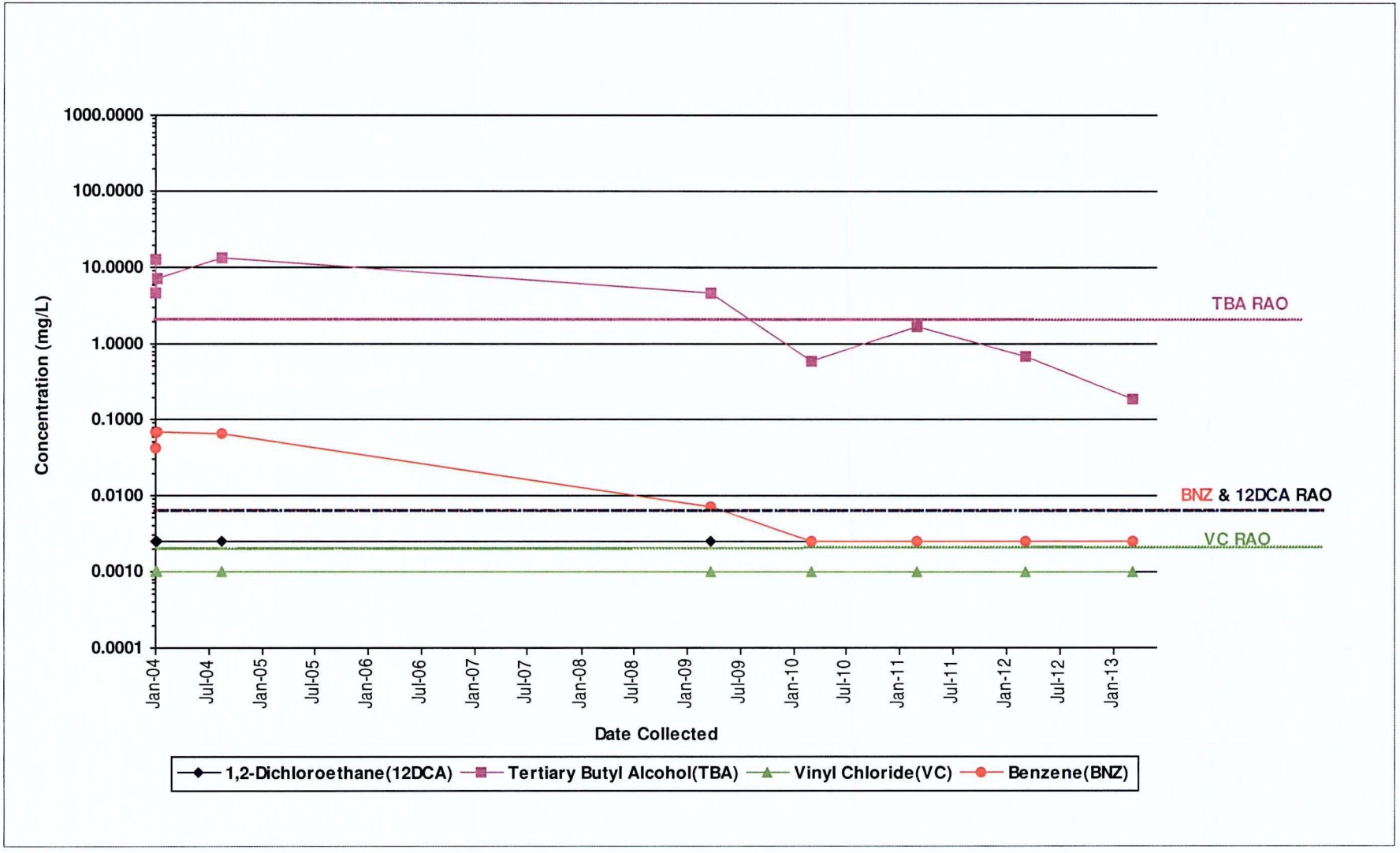


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-162

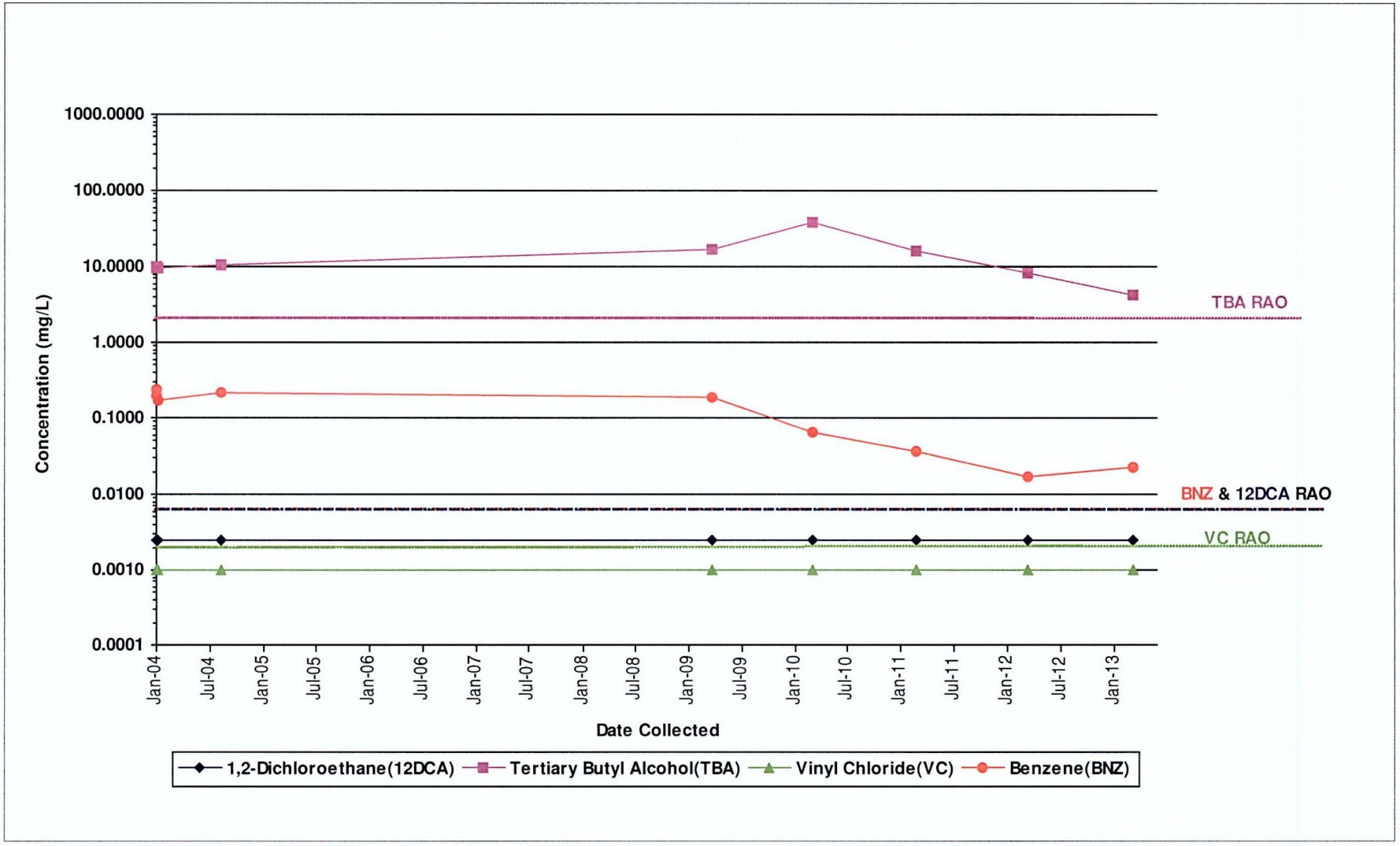


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-163

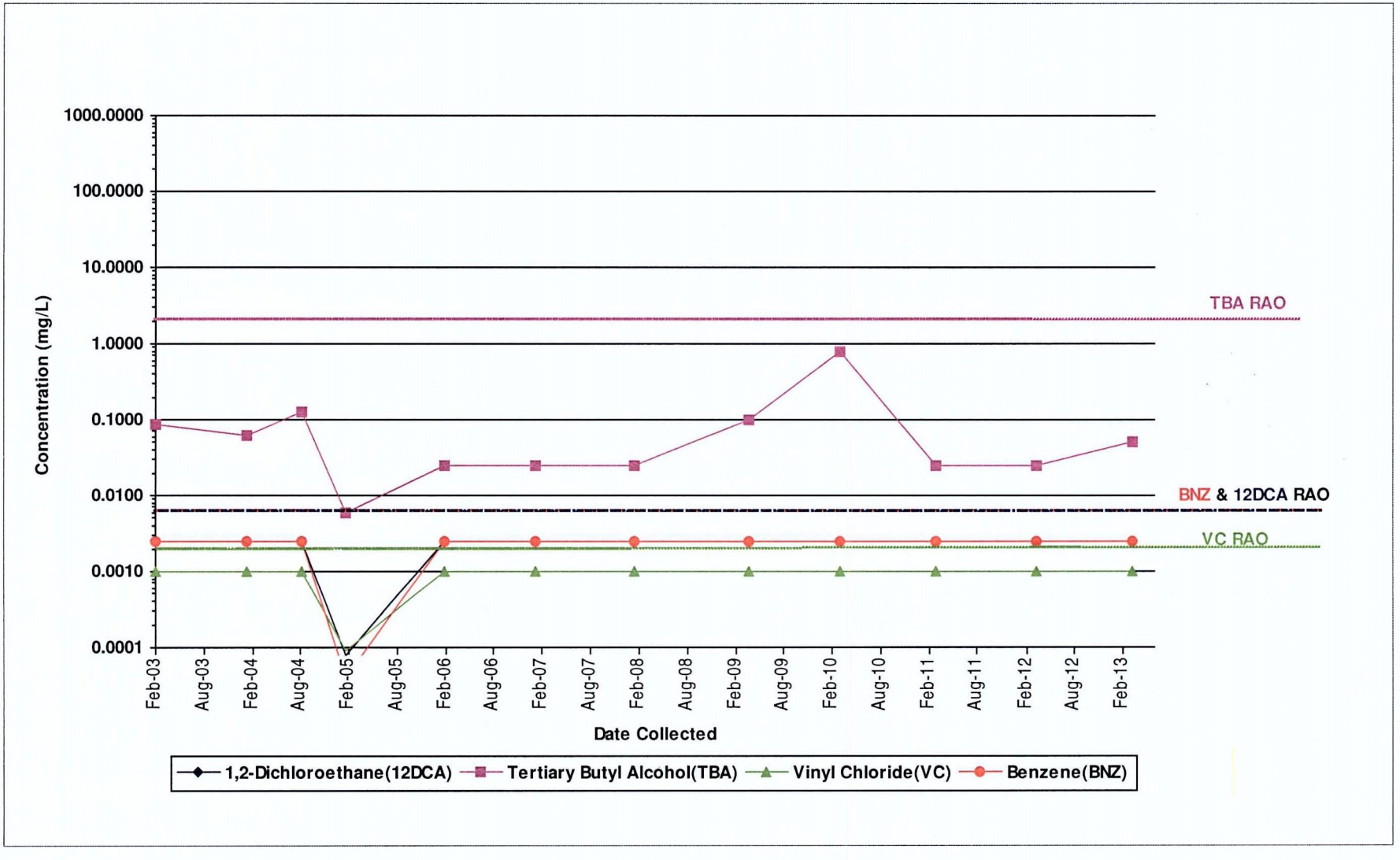


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-214

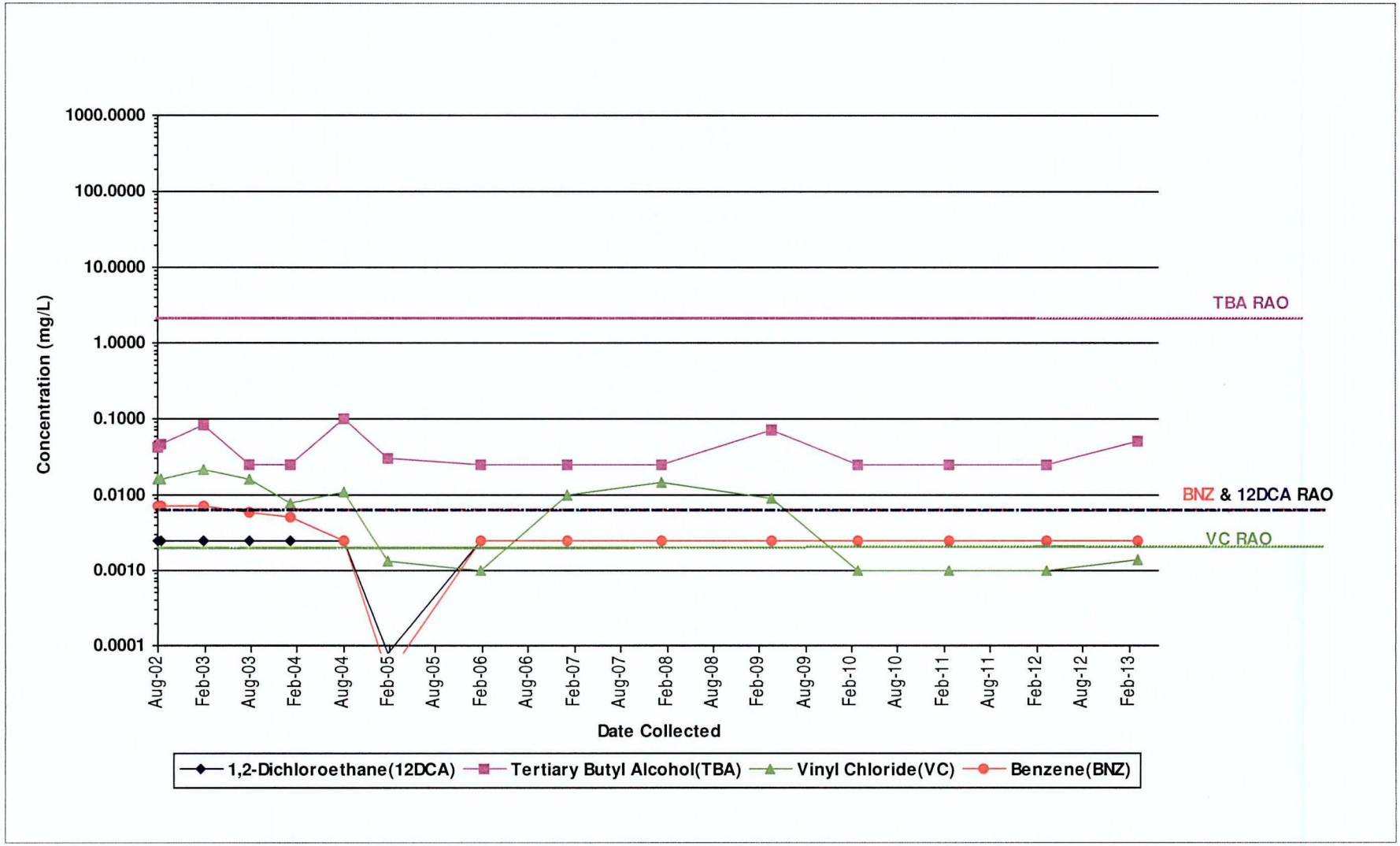


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-217

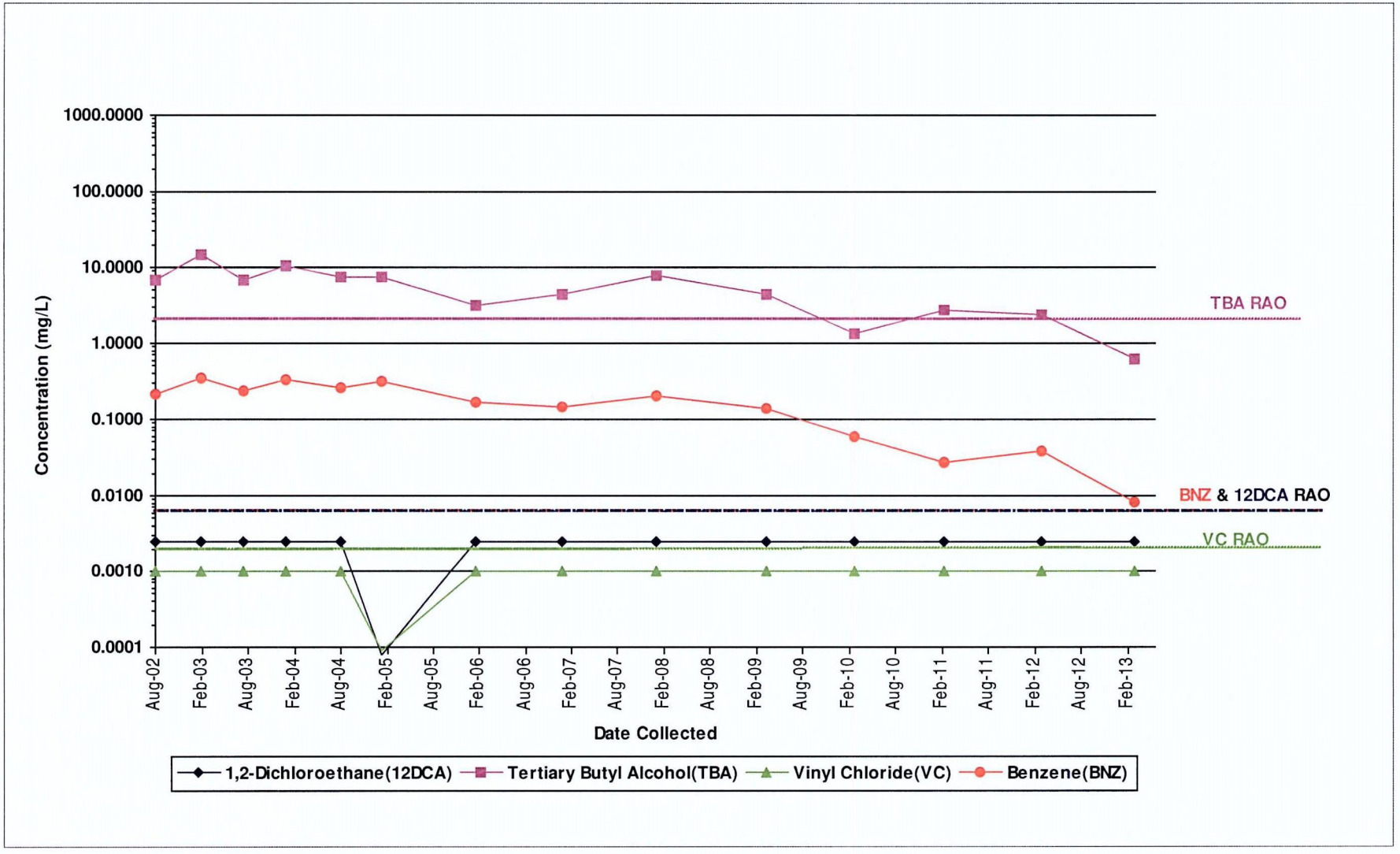


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-233

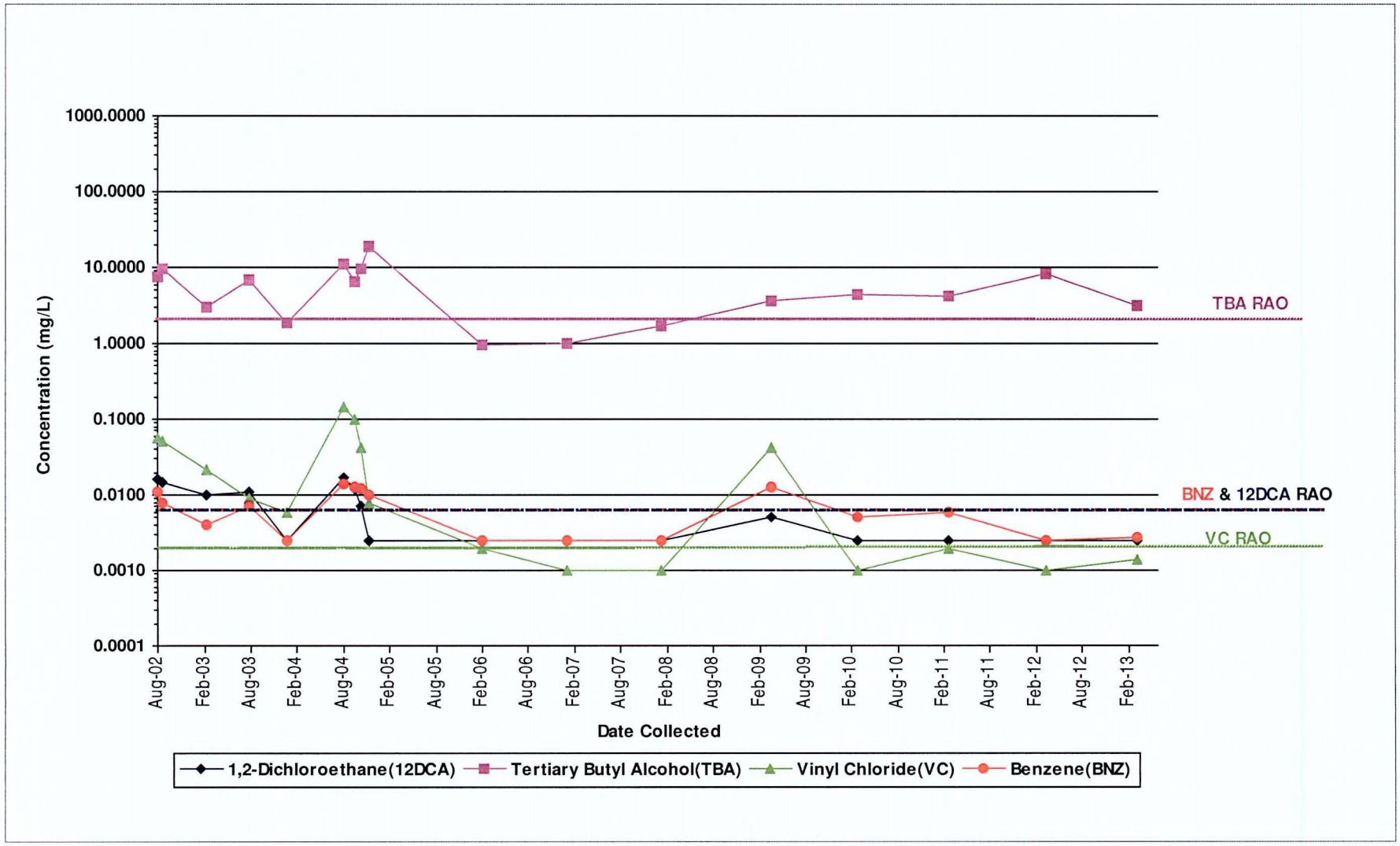


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-250

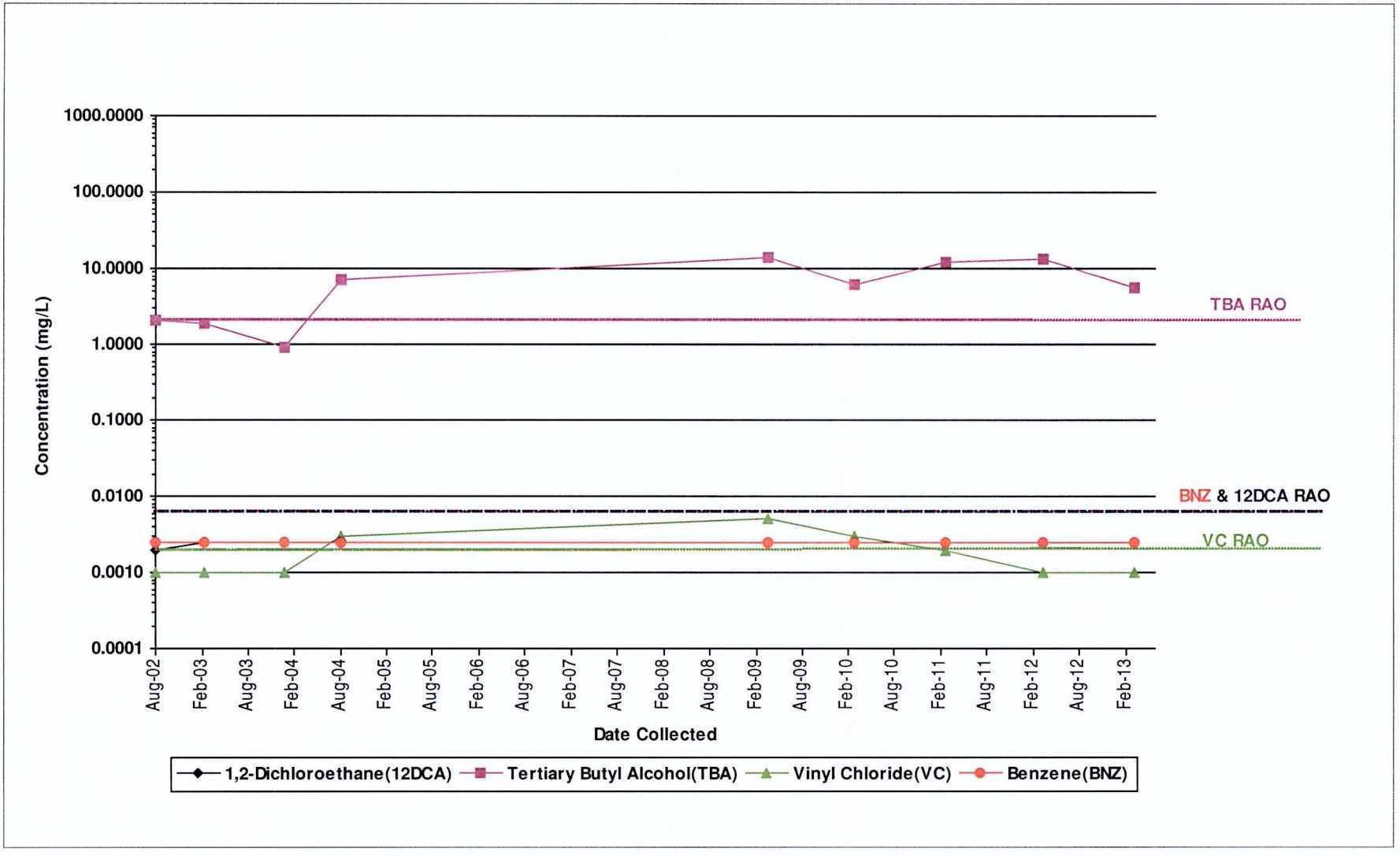


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-251

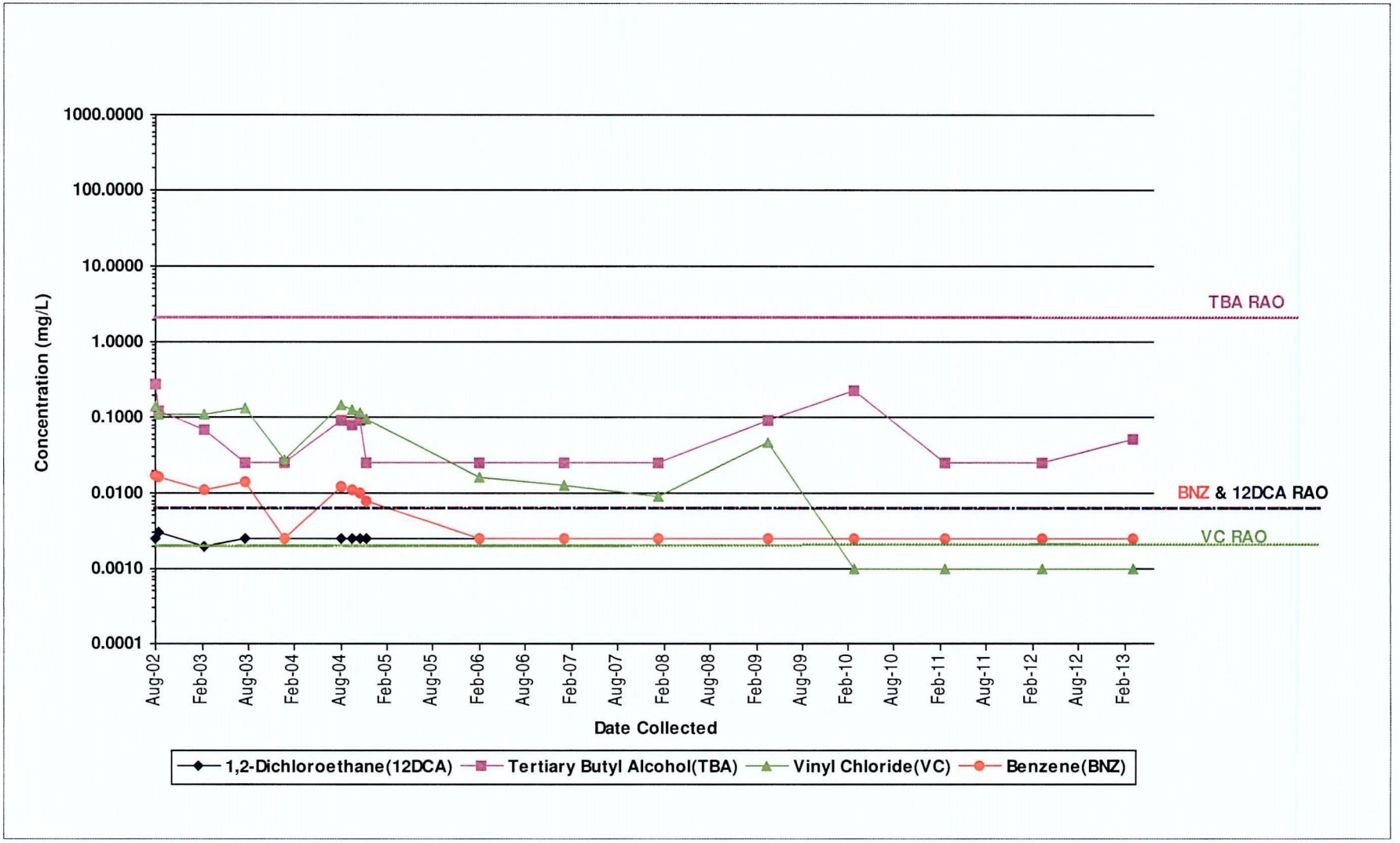


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-252

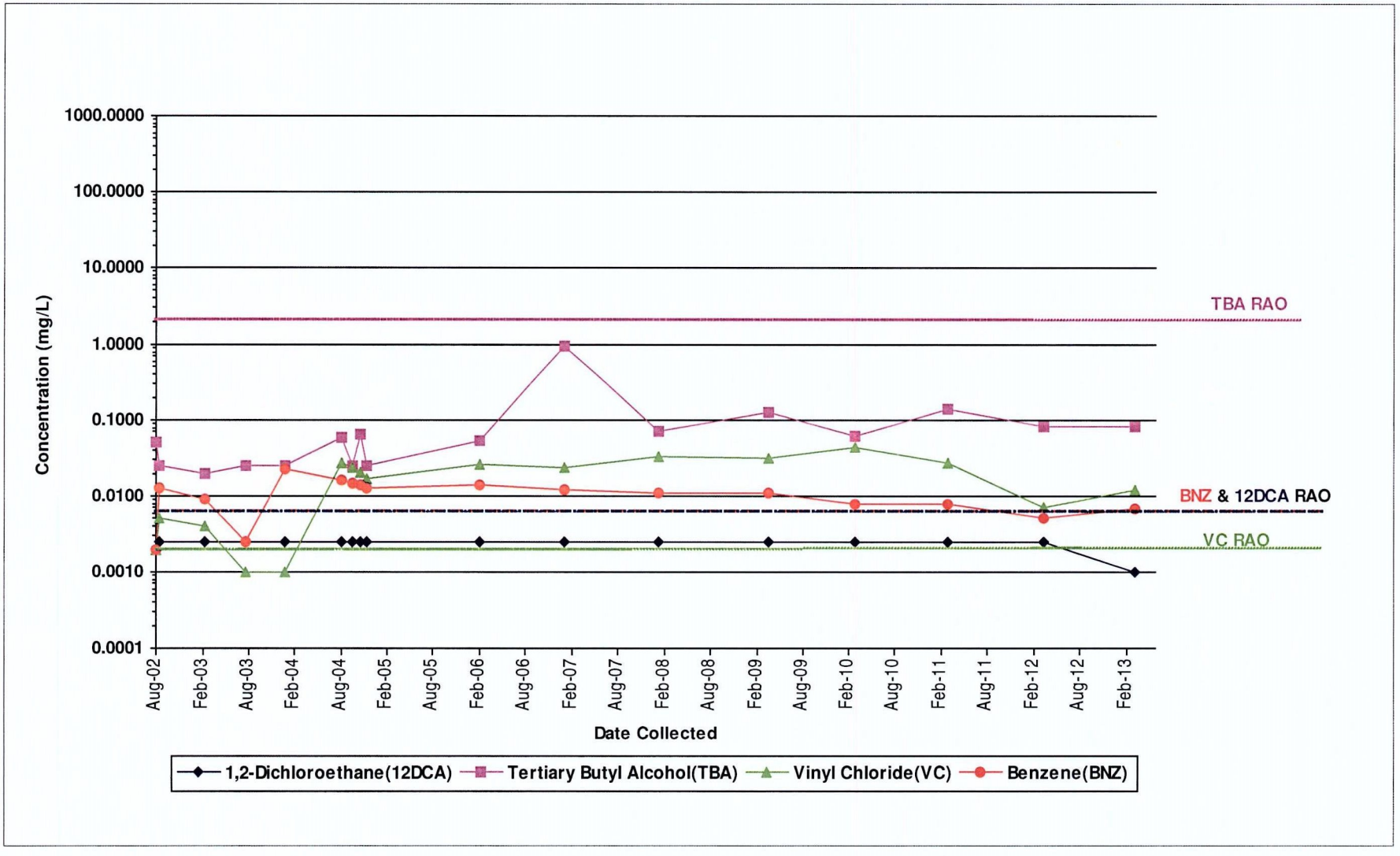


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-253

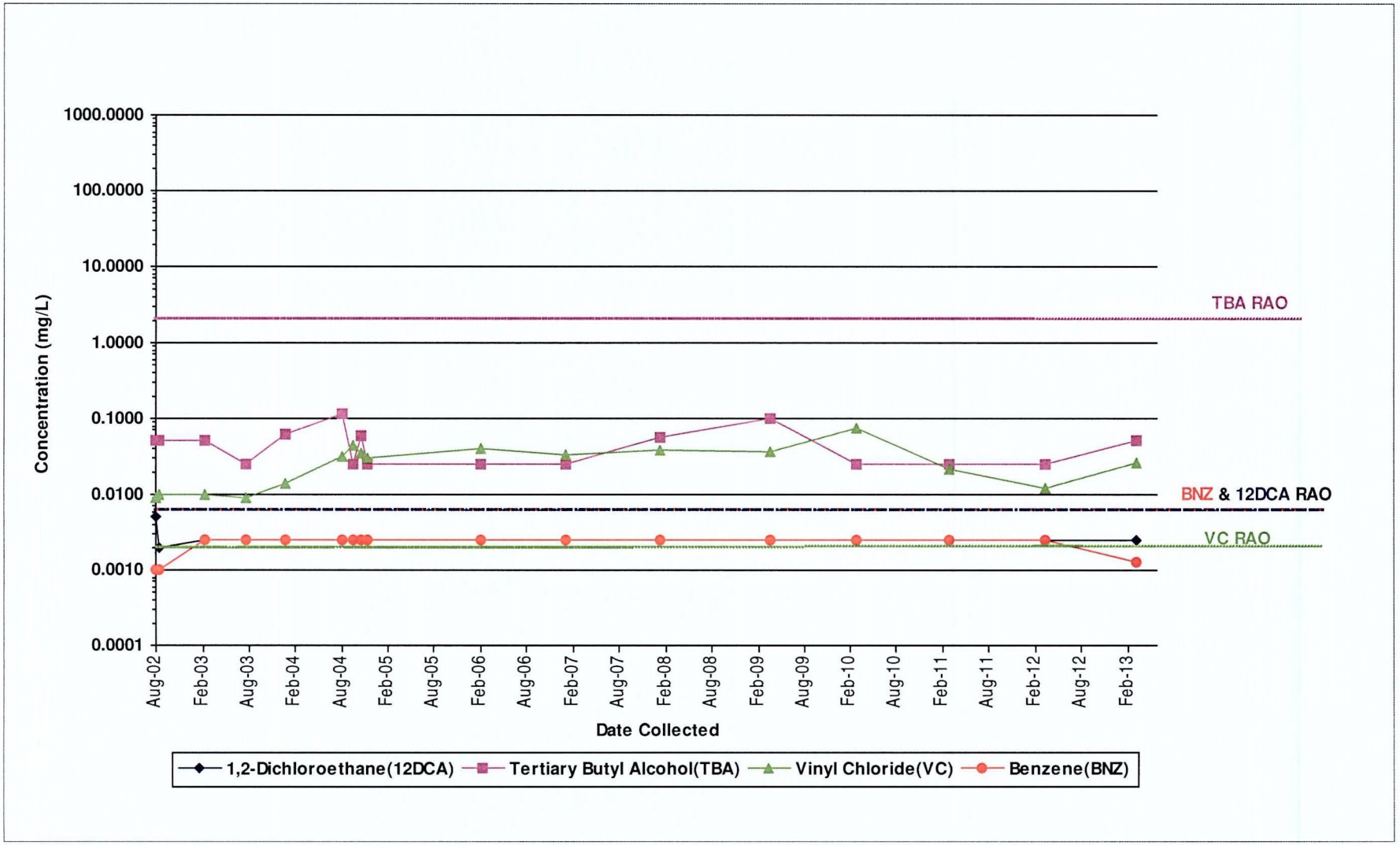


Not Detected results are graphed as 1/2 the laboratory reporting limit.

WEST PLUME AREA

Unit Screened: INT

Well: INT-254



Not Detected results are graphed as 1/2 the laboratory reporting limit.

Not Detected results are graphed as 1/2 the laboratory reporting limit.

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