Petroleum Source Removal Areas of Concern
Former Griffiss Air Force Base
Rome, New York

LONG-TERM MONITORING REPORT

Contract No. DACW41-02-D-0020
Delivery Order No. 0002

Revision 1.0
November 2005

FPM group

LONG TERM MONITORING REPORT

PETROLEUM SOURCE REMOVAL AREAS of CONCERN

Prepared for:

Air Force Real Property Agency
Former Griffiss Air Force Base
Rome, New York

through

United States Army Corp of Engineers
Kansas City District
Kansas City, Missouri

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Appendix A Sampling Forms, Soil Disposal Documentation, ORC Calculations
Appendix B Validated Lab Data
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LIST OF ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AFCEE	Air Force Center for Environmental Excellence
AOC	Area of Concern
AOI	Area of Interest
ARAR	Applicable or Relevant and Appropriate Requirements
AST	aboveground storage tank
AVGAS	aviation gasoline
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, xylene
BTOIC	below top of inner casing
COC	contaminant of concern
CSM	Conceptual Site Model
c.y.	cubic yard
DO	dissolved oxygen
EBS	Environmental Baseline Survey
E&E	Ecology and Environmental, Inc.
ESI	Expanded Site Investigation
FFA	Federal Facilities Agreement
FID	flame ionization detector
FPM	FPM Group, Ltd.
FSP	field sampling plan
JP-4	jet propulsion fuel grade 4
LAW	Law Engineering and Environmental Services, Inc.
LTM	long-term monitoring
MDL	method detection limit
MOGAS	automotive gasoline
MSL	mean sea level
NYS	New York State
NYSBC	New York State Barge Canal
NYSDEC	New York State Department of Environmental Conservation
ORC®	Oxygen Release Compound®
OWS	oil water separator
PAH	poly-nuclear aromatic hydrocarbon
PCB	polychlorinated biphenyls

PEER	Peer Consultants P.C.
PID	photoionization detector
ppm	parts per million
QAPP	Quality Assurance Project Plan
RI	Remedial Investigation
RL	reporting limit
SAP	sampling and analysis plan
SI	site investigation
SRA	source removal area of concern
STARS	Spill Technology and Remediation Series
SVOC	semi-volatile organic compound
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TOGS	Technical and Operational Guidance Series
TPH	Total Petroleum Hydrocarbon
TRC	Tracer Research Corporation
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound
µg/L	micrograms per liter

1 INTRODUCTION

FPM Group Ltd. (FPM) has been contracted by the U.S. Army Corps of Engineers (USACE), Kansas City District, to conduct a long-term monitoring (LTM) program for groundwater at several Petroleum Source Removal Areas of Concern (SRAs) at the former Griffiss Air Force Base (AFB), New York. The LTM program was conducted in accordance with provisions of the Basic Contract # DACW41-02-D-0020 and Delivery Order (DO) #0002.

The purpose of the LTM program is to monitor the presence of contaminants of concern (COCs), assess the potential for migration of the COCs, statistically identify groundwater trends for the COCs, and establish an early warning system for assuring compliance with potential COC receptors.

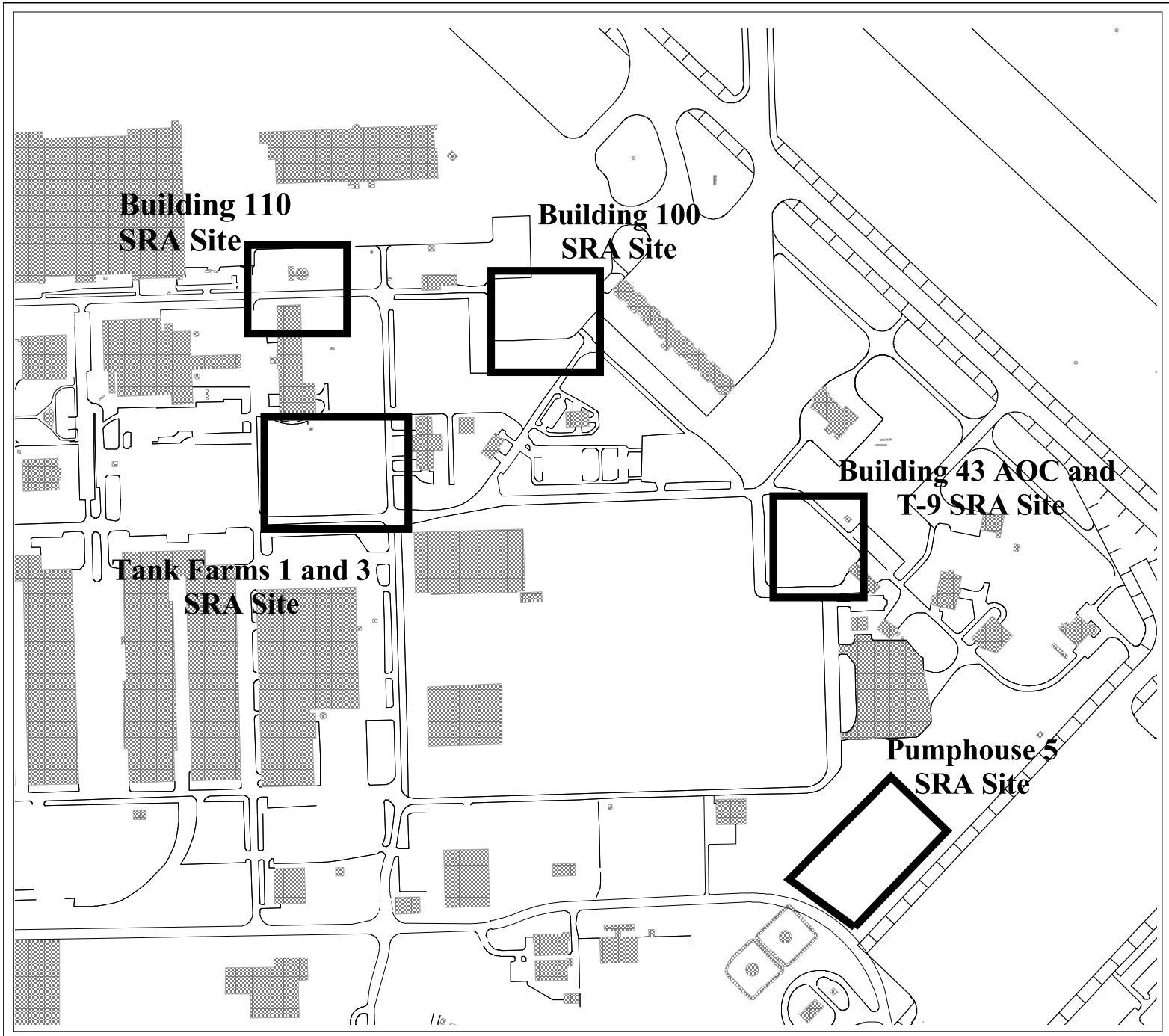
Data evaluation and report preparation for the LTM program includes semi-annual summary updates and a more detailed annual report. The LTM program will also be reviewed periodically to revise sampling locations and/or sampling frequencies for optimal functioning. This semi-annual LTM report includes collection, analysis, and reporting of COCs for the following six SRAs from June 2002 through March 2005:

- Tank Farm 1 and 3 SRA SS-20 (New York State Department of Environmental Conservation [NYSDEC] Spill #9111733)
- Building T-9 SRA SS-25 (NYSDEC Spill #9702173). Spill closed September 24, 2004
- Building 43 SRA ST-26 (NYSDEC Spill #9204543 and #9313076)
- Building 110 SRA ST-36 (NYSDEC Spill #8603763). Spill closed September 29, 2004
- Building 771/Pumphouse 5 SRA ST-37 (NYSDEC Spill #8903144). Site closed October 20, 2004
- Building 100 SRA ST-51 (NYSDEC Spill #9704490). Spill closed September 29, 2004

The locations of the Petroleum SRAs can be reviewed in Figure 1-1. LTM was recommended by FPM and approved by NYSDEC by their approval of site-specific workplans and groundwater monitoring reports for Tank Farms 1 and 3 (FPM, November 2001), T-9 (FPM, January 2003), Building 43 (FPM, May 2003), Building 100 (FPM, April 2003), Building 110 (FPM, July 2001) and Pumphouse 5 (FPM, October 2003).

Groundwater samples were collected from each of the sites listed and analyzed for the respective COCs as identified during previous investigations (e.g., volatile organic compounds [VOCs] and semivolatile organic compounds [SVOCs]). Both existing data and the information from new sampling are utilized for overall performance evaluation.

Groundwater samples were collected and analyzed at as many existing monitoring wells as possible insofar as they were adequately located to track the migration of the COC plume(s).



N

Legend

Road/Airfield

Demolished Building

Existing Building

200 0 200 Feet

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GRIFFISS AIR FORCE BASE
ROME, NEW YORK

Figure 1-1
Petroleum Source Removal Areas Location Map

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New monitoring wells were installed at the Building 43, Building 100, and Tank Farms 1 and 3 SRAs to help establish an LTM network to track the migration and/or attenuation of COCs.

New wells were installed according to the protocol as described in the Field Sampling Plan (FSP) (FPM, August 2003). Reference is also made to the AFCEE Quality Assurance Project Plan (QAPP) Version 3.1 (AFCEE, 2001), with project-specific variances. The QAPP together with the FSP form the Sampling and Analysis Plan (SAP).

1.1 LONG-TERM MONITORING APPROACH

1.1.1 Long-Term Monitoring Background

To illustrate how this LTM Program will operate, the following highlights the overall objectives, components, and constraints of the groundwater LTM Program.

The objectives of LTM are:

- To continue refining the conceptual site model (CSM) for groundwater flow so that the predictions regarding the fate and transport of COCs are accurate;
- To establish an early warning monitoring system for the protection of potential receptors prior to completion of exposure pathways;
- To evaluate COC degradation due to remedial action or natural attenuation processes; and
- To collect data that support attainment of spill closure.

Typical components of a groundwater LTM system include:

- One or more upgradient well(s) representative of background conditions; and
- LTM wells that track the COC migration or degradation trend.

Constraints associated with a groundwater LTM system include:

- All monitoring wells must be screened in the same hydrogeologic unit as the COC plume or known/probable groundwater pathway from a potential source; and
- Downgradient LTM wells must be located to detect unexpected variations in groundwater quality as efficiently as possible (i.e., with respect to groundwater migration rates and downgradient flow direction).

Given the above objectives and constraints the design of an LTM system considers the following tasks:

1. Selecting water-level observation wells and water quality monitoring wells from existing monitoring wells and piezometers, or selecting locations for new wells, depending on the

evaluation of existing data (i.e., well logs, water-level measurements, proximity to natural flow boundaries, trends and uncertainties in the existing data) and the specific intended and distinct role of that monitoring point;

2. Providing a statistical evaluation of water-level elevation data for groundwater flow direction, existing COC concentrations, and groundwater chemistry to predict long-term trends;
3. Identifying performance evaluation criteria (e.g., statistical tests), including appropriate analysis methods for evaluating data variations or closure attainment;
4. Identifying water quality sampling frequency at each monitoring point both for
    a) understanding the trends of COCs and/or their indicator analytes, and
    b) minimizing the costs and maximizing the benefits of the program;
5. Identifying physical and chemical parameters (e.g., transport and attenuation properties) for the COCs; and
6. Periodically assessing the LTM monitoring well network for addition of new monitoring wells or possible decommissioning of monitoring wells from the LTM program.

1.1.2 Purpose of LTM Program

Each site-specific LTM Work Plan has identified monitoring points that will best detect groundwater COCs that are known to exist at the Petroleum Source Removal Areas, and track their transport over time to support a decision for either continued monitoring, remedial measures (i.e., free product recovery in those cases where free product is encountered), or spill closure. The LTM Program will use historic data and new information from annual and quarterly sampling rounds at specified existing and new monitoring wells.

2 ENVIRONMENTAL SETTING

2.1 PHYSIOGRAPHY AND TOPOGRAPHY

The former Griffiss AFB is located in the city of Rome in Oneida County, New York (refer to Figure 2-1). The former Base lies within the Mohawk Valley between the Appalachian plateau and the Adirondack Mountains. A rolling plateau northeast of the former Base reaches an elevation of 1300 feet above mean sea level (MSL). The New York State Barge Canal (NYSBC) and the Mohawk River valley south of the former Base lie below 430 feet above MSL. The topography across the former Base is relatively flat with elevations ranging from 435 feet above MSL in the southwest portion to 595 feet above MSL in the northwest portion of the former Base.

2.2 GEOLOGY

Unconsolidated sediments at the former Griffiss AFB consist primarily of glacial till with minor quantities of clay and sand and significant quantities of silt and gravel. The thickness of these sediments range from 12 feet in the northeast portion to more than 130 feet in the southern portion of the former Base. The average thickness of the unconsolidated sediments is 25 to 50 feet in the central portion and 100 to 130 feet in the south and southwest portions of the former Base. The bedrock beneath the former AFB generally dips from the northeast to the southwest and consists of Utica Shale, a gray and black carbonaceous unit with a high/medium organic content (Remedial Investigation (RI), Law Engineering and Environmental Services, Inc. (LAW), 1996).

2.3 HYDROGEOLOGY

The shallow water table aquifer lies within the unconsolidated sediments, where depth to groundwater, during the December 1998 synoptic Base-wide water-level measurement of wells, ranged from just below the ground surface to approximately 57 feet below ground surface (bgs) in the southwest portion of the base and to 63 feet bgs in the northeast portion of the former Base (FPM, September 2000). Several surface water creeks act as discharge areas for shallow groundwater, and drainage culverts and sewers intercept surface water runoff.

A comprehensive description of regional and local geology, hydrogeology, lithology, and hydrology for the former Griffiss AFB was given in the RI (LAW, December 1996), and in the Supplemental Investigation (SI) prepared by Ecology and Environment, Inc. (E&E, July 1998). Detailed site descriptions and the hydrology for each Petroleum Source Removal Area are presented with each site-specific section.

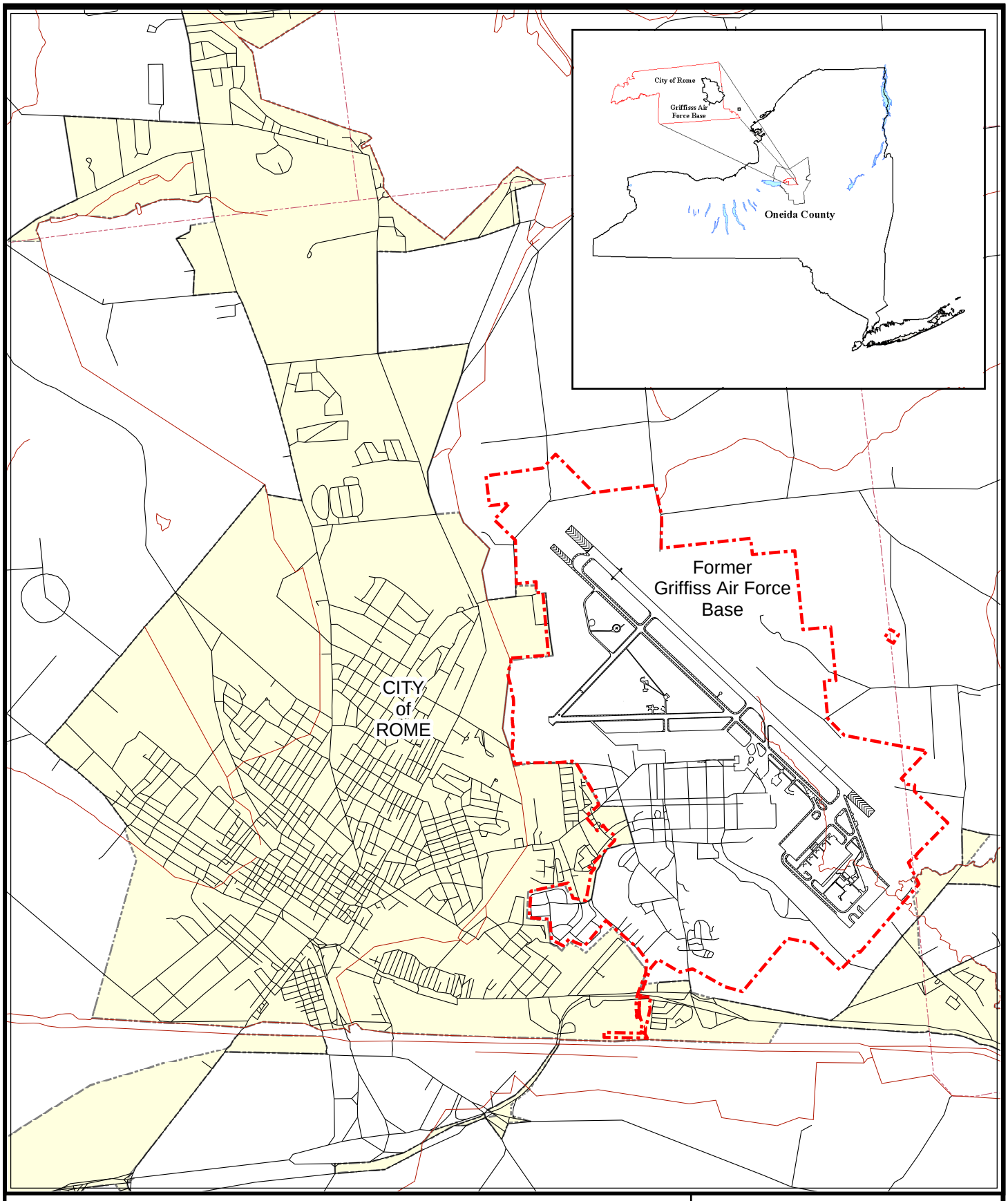


FIGURE 2-1
Base Location Map

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2.4 CLIMATE

The former Griffiss AFB experiences a continental climate characterized by warm, humid, moderately wet summers and cold winters with moderately heavy snowfalls. The mean annual precipitation is 45.6 inches, which includes the mean annual snowfall of 107 inches. The annual evapotranspiration rate is 23 inches. The average temperature during the winter season is 20 degrees Fahrenheit; temperatures during the spring, summer, and fall vary from 31 to 81 degrees Fahrenheit. The prevailing winds are from the southwest, with an average wind speed of 5 knots.

The former Griffiss AFB is located in a region prone to acid precipitation; the annual average pH of precipitation recorded for 1992 at the three closest stations ranged from 4.25 to 4.28. Fluctuations in pH have an inverse correlation to precipitation, such that lower pH levels correlate with higher amounts of precipitation (LAW, December 1996).

2.5 BIOLOGY

The former Griffiss AFB, covering 3,552 acres of property within the Erie-Ontario ecozone of the Great Lakes Physiographic Province, has been heavily disturbed from an ecological perspective. Although there are a few undisturbed communities within the former Base's boundary, the 1993 Inventory of Rare Plant Species and Significant Natural Communities identified six significant habitats of special concern occurring on the former Base (New York Natural Heritage Program, 1994). None of these habitats occur adjacent to the Petroleum Source Removal Areas described in this report.

2.6 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS IDENTIFICATION

At each of the Petroleum SRAs to be monitored under the LTM Program, the Applicable or Relevant and Appropriate Requirements (ARARs) and other criteria and guidelines to be considered include the NYSDEC Spill Technology and Remediation Series (STARS), Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objectives and Cleanup Levels, January 1994, NYSDEC Interim Procedures for Inactivation of Petroleum-Impacted Sites, January 1997, and NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998.

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3 TANK FARMS 1 AND 3 SRA (IRP SITE SS-20, NYSDEC SPILL #9111733)

3.1 SITE LOCATION AND HISTORY

The Tank Farms 1 and 3 SRA is located in the central portion of the former Griffiss AFB, as shown in Figure 1-1. The site is a grass-covered area that is located southeast of Building 112 and is bounded by Brooks Road to the south, Otis Street to the east, and Moody Street to the west. The SRA encompasses the former fuel storage facilities for the following products: aviation gasoline (AVGAS), jet propulsion fuel grade 4 (JP-4), automotive gasoline (MOGAS), diesel fuel, fuel oil, and deicing fluid. The Tank Farms 1 and 3 site layout is shown in Figure 3-1.

Tank Farm 1 is the former location of eight 25,000-gallon underground storage tanks (USTs). The USTs are numerically identified as UST 114-1 through UST 114-8. The tanks originally contained AVGAS, then were used for diesel fuel, MOGAS, and finally fuel oil. Other former facilities associated with Tank Farm 1 include one 50,000-gallon aboveground storage tank (AST) for deicing fluid (AST 6045), one underground 50,000-gallon deicing fluid tank (UST 5885), one pumphouse (Building 114), one pump pit, separator tanks, and one water separator pit. The pumphouse was connected to a railroad car unloading stand with three outlets used to off-load fuel from railroad cars into the tanks (Tetra Tech, September 1994; E&E, December 1997). Open NYSDEC Spill #9111733 is associated with former USTs 114-1 through 114-8.

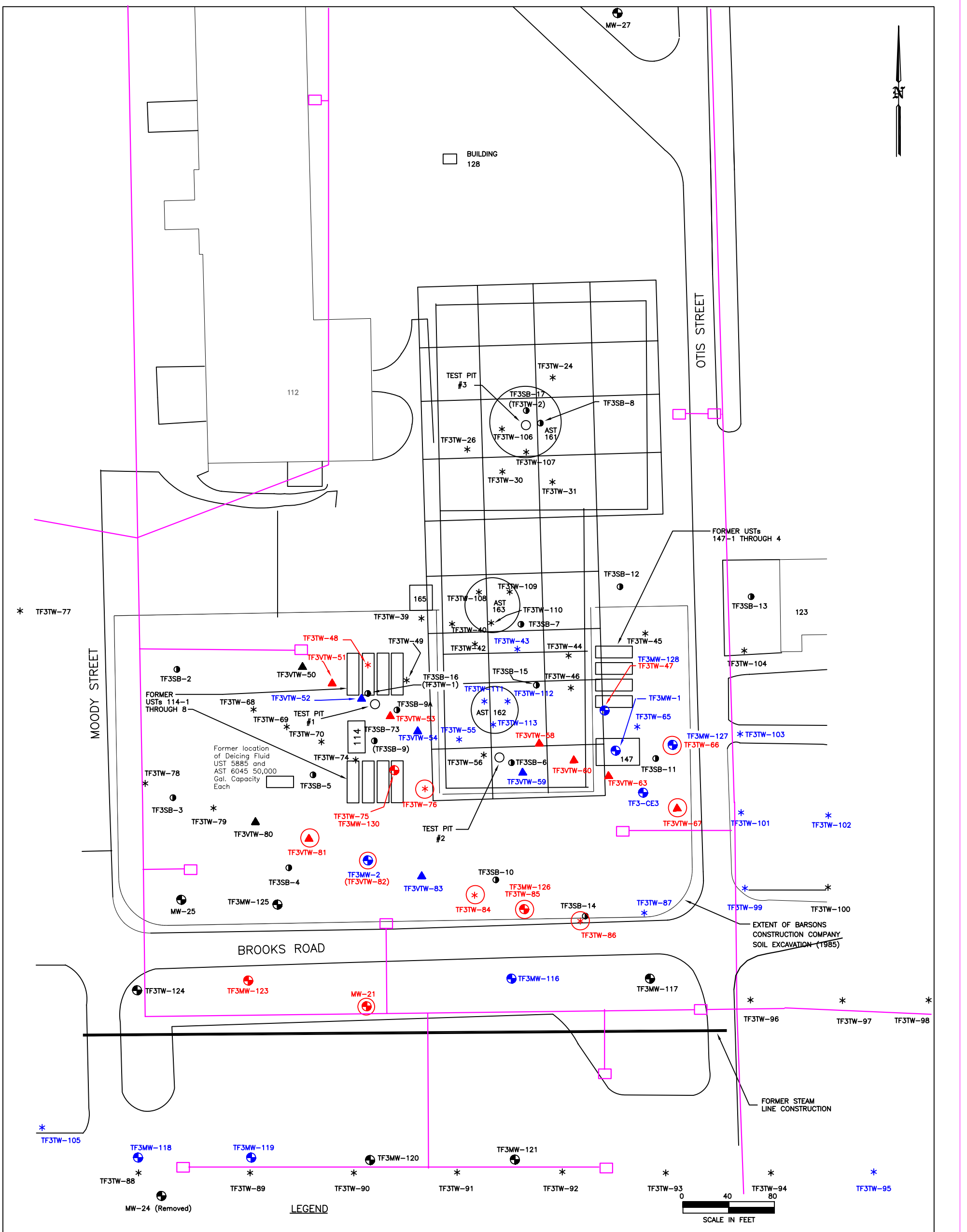
Tank Farm 3 is the former location of four 25,000-gallon USTs (UST 147-1 through -4) that contained JP-4. Other former facilities associated with Tank Farm 3 include two pumphouses (Buildings 147 and 165), one pump pit, separator tanks, one water separator pit, and three aboveground bulk fuel storage tanks (ASTs 161, 162, and 163). The former bulk fuel ASTs originally contained JP-4 but were later used to store fuel oil. Former AST 161 was 840,000 gallons in capacity and former ASTs 162 and 163 were both 420,000 gallons in capacity. Each bulk fuel AST was surrounded by a soil berm.

3.2 DESCRIPTION OF PREVIOUS SAMPLING AND INVESTIGATIONS

In November 1981, Base Fuels verified that 2 to 3 gallons per day of JP-4 leaked from eight valves at Tank Farm 3 for an indefinite period (LAW, February 1995).

In the fall of 1982, investigative soil borings associated with the construction of a steam line were installed to the south of Brooks Road and former Tank Farm 1, where free product was found floating above the water table in the area.

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FIGURE 3-1
TANK FARMS 1 & 3 SRA
SITE LAYOUT MAP

Drawn By: L.G.	Checked By: D.F.	Date: 1/14/03

In October 1983, the Base Civil Engineering Department installed and sampled well TF3-CE3, shown in Figure 3-1. The well was found to contain free product. When monitoring well TF3-CE3 was sampled again during the summer of 1984, no free product was detected.

In the summer of 1984, Roy F. Weston, Inc. installed 33 temporary wells and eight permanent wells. The Weston report hypothesized that the source of the fuel in the groundwater was potentially contributed by two sources: (1) numerous small spills and leaks from the Tank Farms, and (2) from a former truck maintenance shed that was located north of Building 3, where base personnel informed Weston that waste fuels were discharged to the subsurface via a drywell (Weston, November 1985). Review of the 1994 Environmental Baseline Survey (EBS) did not confirm information on drywells or a truck maintenance shed north of Building 3, prior to 1985. The Expanded Site Investigation (ESI) of Area of Interest (AOI) Site 58/101 detected minor SVOCs in surficial soils north of Building 3; however, the groundwater was not impacted (Tetra Tech, September 1994).

In November 1985, all ASTs and USTs associated with Tank Farms 1 and 3 were removed, with the exception of the bulk fuel ASTs (AST 161, 162, and 163). While underground piping was being cut and capped at Tank Farm 1, a 4-inch pipe was found to be full of AVGAS. While a similar action was being performed at Tank Farm 3, the contractor discovered 3 inches of fuel on the floor of Building 147 (Tank Farm 3 pumphouse) and fuel in a header pipe. Industrial Tank and Oil Company subsequently removed the fuel (1,200 gallons). There is no indication in the administrative records that endpoint sampling was performed following the removal of the ASTs and USTs.

In December 1985, Barsons Construction Company removed 60,000 cubic yards (c.y.) of contaminated soil and replaced it with clean fill.

In 1988, the bulk fuel ASTs (AST 161, 162, and 163) and associated underground facilities were removed, along with any contaminated soils. The soil berms surrounding the bulk fuel ASTs were used to fill the excavated area previously occupied by the removed contaminated soil and underground facilities. Additional cover soil was placed on top of the former berm material to bring the excavated area to grade.

In 1993 and 1994, monitoring wells TF3MW-21, -25, -27 and TF3-CE3 were sampled as part of the quarterly sampling program. The analytical results indicated no VOC or SVOC exceedances of the NYS Groundwater Standards. No VOC, SVOC, or metal data were found to exist for wells TF3MW-22, -23, -24, -26, and -28. Based on the October 1998 well/piezometer inventory (E&E, January 1999), and visual inspection, these additional wells do not exist at the present time.

Groundwater observation wells TF3TW-1 and -2 were placed as close as practical to boring locations TF3SB-16 and -17, respectively, to identify the presence of free product. No free

product was observed in either temporary well. However, the boring logs and field notes from TF3TW-1 indicated flame ionization detector (FID) readings as high as 1,000 ppm near the surface of the water table (14 ft bgs) and sheen on all split-spoon samples. The field notes for TF3TW-2 indicated a maximum FID reading of 100 ppm at an interval from 4 to 6 ft bgs (vadose zone) and a slight sheen on all split-spoon samples, except the interval from 0 to 2 ft bgs.

In 1999 and 2000, FPM completed a Supplemental Study to fill data gaps and fully delineate groundwater contamination at the site (FPM, September 2000). A total of 96 soil borings were installed with 72 groundwater samples collected and analyzed using United States Environmental Protection Agency (USEPA) methods 8021 for VOCs and 8270 for SVOCs. In addition, groundwater samples were collected from existing monitoring wells TF3MW-1, TF3-CE3, and TF3MW-21 and newly installed TF3MW-2. These locations are shown in Figure 3-1.

In general, groundwater sample analysis showed numerous exceedances downgradient of USTs 114-1 through -8 (NYSDEC open Spill #9111733) and USTs 147-1 through -4. Except for minor exceedances at TF3TW-43 and -55, groundwater samples immediately downgradient from former Building 165, bulk fuel storage ASTs 161, 163, and 6045, and UST 5885 showed no groundwater exceedances.

In November 2001, monitoring wells TF3MW-116, -117, -118, -119, -120, -121, -123, -124, -125, -126, -127, -128, -129, and -130 were installed and developed prior to sampling. A source removal action in Fall 2002, at the Tank Farms 1 and 3 site, removed residual soil contamination that was identified during the previous soil boring activities and not removed during the Barson's excavation in 1985. Approximately 12,800 c.y. of soil was excavated from locations within the former bermed area and vicinity including the former building 147 footprint at Tank Farms site. Removal of the residual soil contamination continued into the saturated zone where contamination was located and stopped any additional leaching of contamination to groundwater from the vadose zone (Parsons, December 2003).

In summary, separate petroleum plumes may have originated from three locations including, USTs 114-1 through -8 and USTs 147-1 through -4, as well as the former truck maintenance shed north of Building 3, possibly in the vicinity of TF3MW-123 or -125. The dissolved groundwater plume appears to be well defined and to be naturally attenuating. Based on observations at the site and based on the size and stability of the dissolved plume, residual free product has not been identified. (FPM, February 2004)

3.3 LTM PLAN

Table 3-1 summarizes the original LTM sampling and analysis plan. The objectives of the Tank Farm 1 and 3 LTM program include the following:

- Monitor the groundwater to track plume migration.

- Monitor natural attenuation parameters including pH, temperature, alkalinity, redox potential, nitrate, ferrous iron, sulfate, sulfide and dissolved oxygen to assess the potential for natural attenuation of the petroleum plume.

Table 3-1
Tank Farms 1 and 3 Quarterly Sampling Analysis Summary

Site/ Sampling Locations	Screen Interval (ft. MSL)	Sampling Rationale	Target Analytes/ USEPA Method Numbers	Sampling Frequency
TF3-CE3	442-457	Downgradient, within plume	VOCs 8260 Full List	Quarterly
TF3MW-2	450-460	Downgradient, within plume		
TF3MW-21	445-465	Downgradient within plume	SVOCs 8270 Full List	
TF3MW-25	444-464	Crossgradient		
TF3MW-116	449-459	Downgradient within plume	* Natural attenuation	
TF3MW-117	448-458	Crossgradient from plume	parameters pH, temperature,	
TF3MW-123	449-459	Downgradient within plume	redox potential, ferrous	
TF3MW-124	449-459	Crossgradient from plume	iron, and dissolved oxygen	
TF3MW-125	449-459	Downgradient	will be measured in the	
TF3MW-126	449-459	Downgradient within plume	field.	
TF3MW-127	450-460	Upgradient within plume		
TF3MW-128	451-461	Upgradient within plume	Alkalinity, nitrate, sulfate,	
TF3MW-129	451-461	Upgradient from plume	sulfide	
TF3MW-130	451-461	Upgradient within plume		

3.4 RESULTS

Twelve sampling rounds were conducted at the Tank Farm 1 and 3 SRA site in: December 2001; February, June, September and December 2002; March, June, September and December 2003, and March, June, and September 2004. Sampling locations are identified on Figure 3-2. The detected groundwater analytical results are shown in Table 3-3, and total VOC detections are illustrated in Figures 3-3 and 3-4. Groundwater flow is to the south-southeast. A VOC- and SVOC-contaminated groundwater plume is shown on Figure 3-2. Two plumes from two source areas have comingled to create a single plume. The plume located near monitoring wells TF3MW-127 and -128 is associated with former UST 147-1 through 4, while the second plume is located in the vicinity of TF3MW-123 and -125, where the source was most likely former USTs 114-1 through -8 and the former truck maintenance shed that was located north of Building 3 (possibly near TF3MW-123 and -125).

December 2001 Downgradient Delineation Results:

During December 2001 sampling round, monitoring wells TF3MW-116, -117, -118, -119, -120,

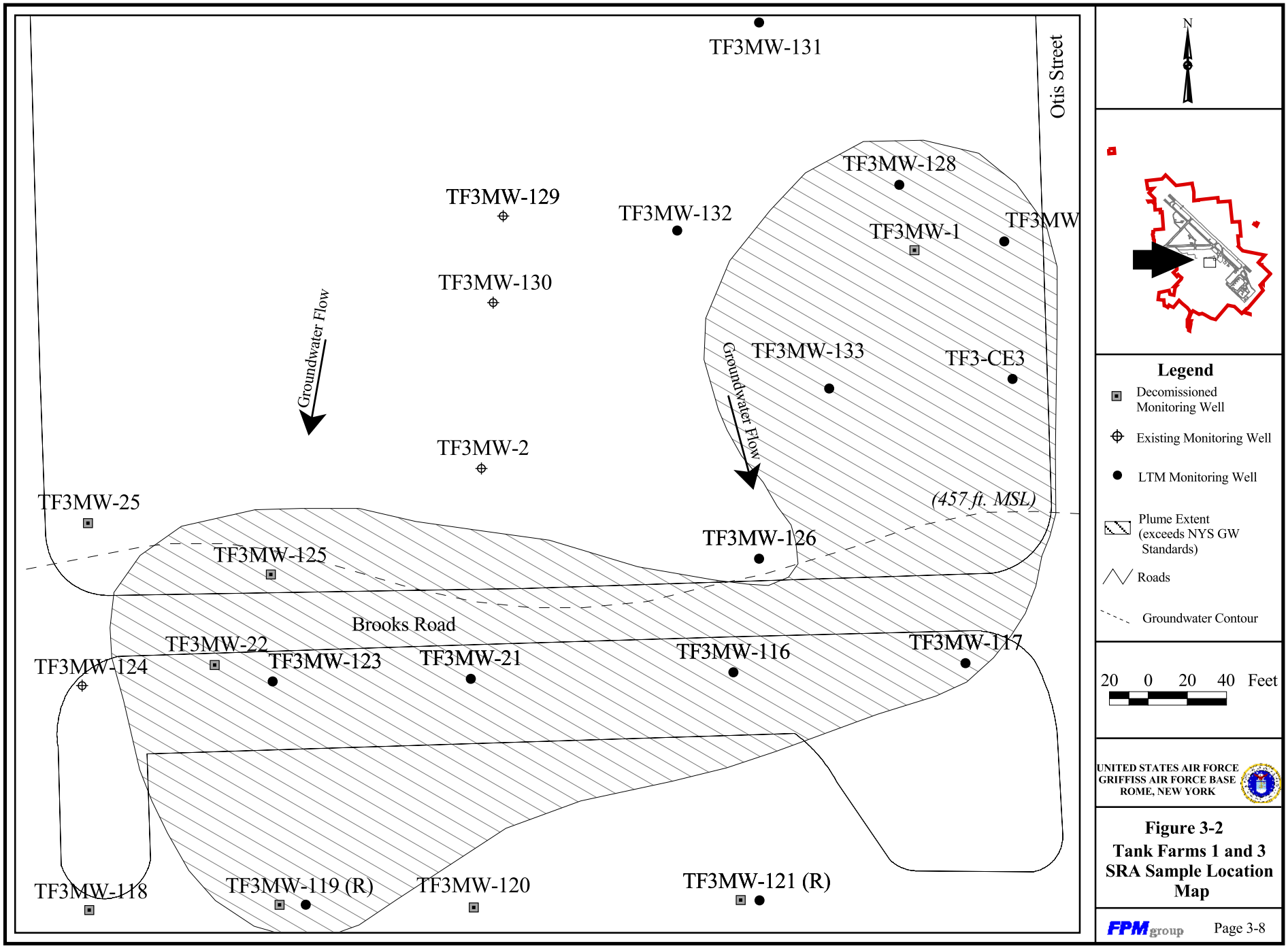

TF3MW-131
Otis Street
TF3MW-128
TF3MW-129
TF3MW-132
TF3MW-1
TF3MW
TF3MW-130
Groundwater Flow
TF3MW-133
TF3-CE3
Groundwater Flow
TF3MW-2
TF3MW-25
(457 ft. MSL)
TF3MW-126
TF3MW-125
Brooks Road
TF3MW-22
TF3MW-124
TF3MW-123
TF3MW-21
TF3MW-116
TF3MW-117
TF3MW-118
TF3MW-119 (R)
TF3MW-120
TF3MW-121 (R)
N
Legend
Decomissioned Monitoring Well
Existing Monitoring Well
LTM Monitoring Well
Plume Extent (exceeds NYS GW Standards)
Roads
Groundwater Contour
20 0 20 40 Feet
UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME, NEW YORK
Figure 3-2
Tank Farms 1 and 3
SRA Sample Location
Map

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results

Monitoring Well ID	NYSDEC	TF3-CE3												
Sample ID	GW	TF3CE313AA	TF3CE312BB	TF3CE313CA	TF3CE312DA	TF3CE312EA	TF3CE313FA	TF3CE313GB	TF3CE313HB	TF3CE312IB	TF3CE313JB	TF3CE313KB	TF3CE313LB	TF3CE313MA
Date of Collection	Standards[1]	2/19/02	6/19/02	9/13/02	12/12/02	3/12/03	6/20/03	9/12/03	12/12/2003	3/17/2004	6/17/2004	9/16/2004	1/3/2005	3/29/2005
Sample Depth (ft)	(µg/L)	13	12	13	12	12	13	13	13	12	13	13	13	13
VOCs (ug/L)														
n - butylbenzene	5	1.1	1.1	U	U	U	U	U	U	2.7	0.85 F	8.6	0.37 F	1.4
sec-butylbenzene	5	4.4	4.8	8.1	3.4 ♦	1.9	1.6	1.7	6.0	6.0	5.0	5.8	2.9	4.7
t-butylbenzene	5	0.85	1.1	1.2	0.83 ♦	0.39 F	U	0.34 F	0.79 F	0.71 F	0.69 F	0.78 F	0.46 F	0.7 F
chloroethane	5	U	U	0.21 F	U	U	U	U	U	U	U	U	U	0.22 F
chloromethane	5	U	U	0.24 F	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5	0.21 F	U	0.37 F	U	U	U	U	U	0.28 F	U	0.22 F	U	U
isopropylbenzene	5	6.9	7.6	13	5.1 ♦	2.1	3.1	3.6	9.8	11	7.8	8.7	3.4	7.3
naphthalene	10	U	1.3	5.2	2 J	0.72 F	0.78 F	0.81 F	2.6	3.8	2.0	2.2	0.71 F	2.2
n-propylbenzene	5	8.1	5.8	11	4.8 ♦	2	2.3	2.1	10	13	8.4	U	3.4	8.6
trichloroethylene	5	1.7	0.98	1	2	2	1.4	3	1.6	1.3	1.1	1.2	1.7	0.95 F
Total VOCs		22.16	21.58	40.32	18.13	9.11	9.18	11.55	30.79	38.79	25.84	27.5	12.94	26.07
SVOCs (µg/L)														
2-methylnaphthalene	--	6 F	U	U	U	U	2 F	4 F	3 F	U	N/S	N/S	N/S	N/S
di-n-butyl phthalate	50	4 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)														
nitrate	10,000	0.36	0.087	0.32	N/A	0.38	0.71	0.60	0.56	0.63	0.46	0.52	0.17	0.4
sulfate	250,000	17.3	11.4 B	17.4	6.4	10.7 B	15	20.3	11.6	14.2	N/S	N/S	N/S	N/S
sulfide		U	U	U	U	U	U	U	U	0.077 F	N/S	N/S	N/S	N/S
total alkalinity	--	242	217	342	174	189	202	211	412	179 B	243	197	210	230
Field Parameters														
dissolved iron (mg/L)		3.5	N/A	5.5	2.8	2.9	2.8	2.5	3.4	2.4	3	3	3.4	2.8
pH		7.11	7.88	6.68	7.12	7.09	7.29	7.32	6.61	7.32	7.22	7.74	7.93	7.01
specific conductance (µS/cm)		469	550	658	534	497	342	515	589	66	66	67	62	64
temperature (degrees C)		9.8	10.3	12.8	11.8	9.33	9.76	12.35	11.42	8.68	9.7	12	10.7	9.1
dissolved oxygen (mg/L)		4.23	1.05	1.62	2.78	4.62	3.12	6	2.95	3.3	3.5	4.03	5.6	6.41
oxidation reduction potential (mV)		-103	-127	-3	-114	-27	-122	-141	-110	-79	-108	-107	-88	50

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

-- Indicates no NYS GA Groundwater Standard

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL. However the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	**NYSDEC**	**TF3MW-2**									
Sample ID	**GW**	**TF3M0214AA**	**TF3M0214BB**	**TF3M0219CA**	**TF3M0214DA**	**TF3M0214EA**	**TF3M0214FA**	**TF3M0215GB**	**TF3M0214HB**	**TF3M0214IB**	**Well was not sampled after 3/2004**
Date of Collection	**Standards[1]**	**2/26/02**	**6/19/02**	**9/13/02**	**12/12/02**	**3/12/03**	**6/23/03**	**9/12/03**	**12/12/2003**	**3/18/2004**	
Sample Depth (ft)	**(µg/L)**	**14**	**14**	**19**	**14**	**14**	**14**	**15**	**14**	**14**	
VOCs (ug/L)											
1,1,1-trichloroethane	5	U	0.68	0.31 F	0.41 F	0.54	0.35 F	U	U	U	
1,2,4-trimethylbenzene	5	0.71	U	U	0.24 F	U	0.24 F	0.39 F	U	U	
acetone	50	U	U	U	U	U	U	U	4.1 F	U	
chloroform	7	1.8	2	0.77	1.3	2.1	0.92	0.83	1.1 B	1	
ethylbenzene	5	0.54	0.3 F	0.24 F	0.21 F	U	0.3 F	U	U	U	
isopropylbenzene	5	0.66	U	0.58	0.38 F	U	0.29 F	0.29 F	0.43 F	U	
methyl ethyl ketone	5	U	U	U	U	1.6 UJ	U	U	U	U	
n-propylbenzene	5	0.39 F	U	0.31 F	0.23 F	U	0.23 F	U	U	U	
trichloroethylene	5	0.91	1	0.51	0.62	0.95	0.52 F	0.75 F	0.9 F	0.68 F	
m,p-xylene	5	0.45 F	U	U	U	U	U	U	U	U	
Total VOCs		5.46	3.98	2.72	3.39	3.59	2.85	0.83	5.43	1.68	
SVOCs (µg/L)											
Total SVOCs		0	0	0	0	0	0	0	0	0	
Wet Chemistry Data (mg/L)											
nitrate	10,000	1.3	1.1	1.5	N/A	1.3	0.8	0.94	1	1.3	
sulfate	250,000	27.2	17 B	13.1	9.1	17.6 B	16.5	15.7	15.3	18.1	
sulfide		U	U	U	U	U	U	U	U	U	
total alkalinity	--	144	120	148	87.2	132	148	158	222	218	
Field Parameters											
dissolved iron (mg/L)		0.3	N/A	0.8	0.8	0	0	0	0.4	0	
pH		7.35	7.58	7.26	7.17	7.49	7.26	7.42	6.44	7.4	
specific conductance (µS/cm)		326	360	544	469	277	287	426	459	48	
temperature (degrees C)		10.3	10.4	12.7	12.5	9.96	10.49	12.13	12.44	9.41	
dissolved oxygen (mg/L)		5.65	3.92	3.79	6.19	6.8	5.56	6.26	4.97	6.7	
oxidation reduction potential (mV)		-47	-19	-19	-35	226	-11	-73	78	52	

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

-- Indicates no NYS GA Groundwater Standard

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

N/A - Analyte was not analyzed during sampling

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL. However the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC GW Standards[1]	TF3MW-21												
Sample ID		TF3M2114AA	TF3M2114BB	TF3M2115CA	TF3M2113DA	TF3M2114EA	TF3M2114FA	TF3M2114GB	TF3M2114HB	TF3M2114IB	TF3M2114JB	TF3M2114KB	TF3M2114LB	TF3M2114MA
Date of Collection		2/27/02	6/19/02	9/13/02	12/12/2002	3/12/2003	6/23/2003	9/11/2003	12/12/2003	3/18/2004	6/17/2004	9/13/2004	12/30/2004	3/29/2005
Sample Depth (ft)	(µg/L)	14	14	15	13	14	14	14	14	14	14	14	14	14
VOCs (ug/L)														
1,1-dichloroethane	5	0.33 F	0.25 F	U	0.23 F	0.24 F	U	U	U	U	U	U	U	U
1,1,2,2-tetrachloroethane	5	U	1.9	U	U	0.16 UJ	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	U	U	2.1 J ♦	U	0.25 UJ	U	U	U	U	U	U	U	U
1,2,3-trichloropropane	0.04	U	1.1	U	U	0.16 UJ	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5	3.3	2.4 ♦	11	0.41 F	2.2 J ♦	0.9 F	9.6	1.8	U	1.9 F	U	U	U
1,3,5-trimethylbenzene	5	1.3	U	0.4 F	U	0.5 J ♦	U	2.6	U	U	U	U	U	U
benzene	1	0.75	0.55	0.56 ♦	U	0.15 UJ	U	U	U	U	U	U	U	U
n - butylbenzene	5	5.1	4.4	6.9 J ♦	4.3	0.22 UJ	U	8.1	U	3.8 F	3 F	2.5 F	1.8 F	2.2 F
sec-butylbenzene	5	6.4	6.4	9.8	4.8	4.7 J ♦	U	7.2	6.4	2.9 F	5.4	5.3	3.8 F	3.3 F
t-butylbenzene	5	1.8	1.6	2.3	1.2	1.3 J ♦	1.2 J	2	U	U	0.69 F	1.5 F	U	U
chloroethane	5	U	U	0.82 J ♦	0.55	0.16 UJ	0.44 F	U	U	U	U	U	U	U
chloromethane	5	U	U	0.85 ♦	0.33 F	0.26 J ♦	0.28 F	U	U	U	U	U	U	U
ethylbenzene	5	U	0.28 F	U	U	0.18 UJ	0.71 F	3.5	U	U	U	U	U	U
Hexachlorobutadiene	0.5	U	U	U	U	U	U	U	U	U	1.4 F	U	U	U
isopropylbenzene	5	34	28	50	36	25 J ♦	32 J	71	63	23	30	41	29	24
p-isopropyltoluene	5	8.9	7	10 ♦	4	4.4 J ♦	3.5 J	7.6	6.3	2.4 F	4.4 F	4.1 F	4 F	3.8 F
methylene chloride	5	U	U	U	U	U	U	U	U	2.6 F	U	U	U	U
naphthalene	10	U	U	1.6 J ♦	0.78 J	0.21 UJ	0.7 F	2.2	2	U	1.1 F	1.2 F	1.2 F	1.6 F
n-propylbenzene	5	7.8	6.7	10	6.9	5.2 J ♦	5.2 J	12	11	4.2	6.7	8.8	6.7	5.4
tetrachloroethylene	5	U	U	U	U	0.18 UJ	U	U	U	U	U	U	U	U
trichloroethylene	5	U	U	U	U	0.17 UJ	U	U	U	U	U	U	U	U
toluene	5	0.31 F	U	0.48 F	U	0.16 UJ	U	U	U	U	U	2 F	U	U
m,p-xylene	5	4.4	4.5	8.2	1.2	1.9 J ♦	2.3 J	18	5.2	2 F	3.7 F	2.4 F	2.8 F	3.2 F
Total VOCs		74.39	65.08	108.11	60.7	40.5	42.03	143.8	95.7	40.9	58.29	68.8	49.3	43.5
SVOCs (µg/L)														
2-methylnaphthalene	--	5 F	U	6	U	U	3 F	4 F	4 F	U	N/S	N/S	N/S	N/S
acenapthene		U	U	U	U	U	U	U	2 F	U	N/S	N/S	N/S	N/S
benzoic acid	--	U	U	U	U	13 UJ	17 R	18 R	U	U	N/S	N/S	N/S	N/S
phenanthrene		U	U	U	U	U	U	U	2 F	U	N/S	N/S	N/S	N/S
di-n-butyl phthalate	50	3 F	U	3	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4,5-trichlorophenol	1*	U	3 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4,6 - trichlorophenol	1*	U	4 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4-dichlorophenol	1*	U	5 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4-dinitrophenol	1*	U	13 M	U	U	11 UJ	U	U	U	U	N/S	N/S	N/S	N/S
4,6-dinitro-2-methylphenol	1*	U	18 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
4 - nitrophenol	1*	U	4 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
Total SVOCs		8 F	0	9	0	0	3F	4 F	8 F	0	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)														
nitrate	10000	U	U	U	U	U	U	U	U	U	U	U	U	U
sulfate	250000	4	9	3.7 B	4.5	10.5 B ♦	34.9	8.4	6.9	10.9	N/S	N/S	N/S	N/S
sulfide		U	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
total alkalinity	--	233	185	210 ♦	158	178	182	221	456	215	210	187	174	166
Field Parameters														
dissolved iron (mg/L)		3.8	N/A	3.2	2	1.9	1.9	1.6	2.4	1.6	2.4	3.2	3.6	3.6
pH		7.26	8.19	6.92	7.09	9.95	7.36	7.43	8.99	7.41	6.92	6.98	6.73	7.83
specific conductance (µS/cm)		591	665	940	524	443	749	898	979	62	60	60	68	92.8
temperature (degrees C)		10.5	10.5	12.8	12.3	10.1	10.4	12.05	12.79	10.11	10.6	13.2	12.5	10.7
dissolved oxygen (mg/L)		3.26	1.08	1.54	6.99	4.24	4.28	4.35	8.13	4.1	2.4	5.2	8.19	7.06
oxidation reduction potential (mV)		-130	-139	108	-101	-121	-156	-149	-144	-90	-95	-107	-133	-90

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

* - Sum of total phenolic compounds may not exceed 1 ppm.

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

M - Matrix effect present

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	**NYSDEC**	**TF3MW-25**							
Sample ID	**GW**	**TF3M2513AA**	**TF3M2513BB**	**TF3M2514CA**	**TF3M2512DA**	**TF3M2513EA**	**TF3M2513FA**	**TF3M2513GB**	
Date of Collection	**Standards[1]**	**2/26/02**	**6/19/02**	**9/13/02**	**12/12/2002**	**3/12/2003**	**6/20/2003**	**9/11/2003**	
Sample Depth (ft)	**(µg/L)**	**13**	**13**	**14**	**12**	**13**	**13**	**14**	
VOCs (ug/L)									
acetone	50	U	U	U	U	U	U	2.4 F	
t-butylbenzene	5	1.8	U	U	U	U	U	U	
bromomethane	5	U	U	U	U	0.19 UJ	U	U	
chloroform	7	1.2	1.2	1.1	0.97	1.1	0.61	0.63	
ethylbenzene	5	0.23 F	U	U	U	U	U	U	
tetrachloroethylene	5	0.29 F	0.27 F	0.33 F	0.28 F	0.31 F	U	0.29 F	
trichloroethylene	5	0.4 F	0.35 F	0.38 F	0.38 F	0.35 F	U	0.31 F	
toluene	5	U	U	U	U	U	U	U	
m,p-xylene	5	U	U	U	U	U	U	U	
Total VOCs		3	1.2	1.1	0.97	1.1	0.61	3.94	
SVOCs (µg/L)									
benzoic acid	--	U	U	U	U	13 UJ	17 R	18 R	
isophorone	50	U	U	U	U	U	1 R	U	
2,4-dinitrophenol	1*	U	U	U	U	11 UJ	U	U	
Total SVOCs		0	0	0	0	0	0	0	
Wet Chemistry Data (mg/L)									
nitrate	10000	1	0.83	0.85	N/A	1.5	0.92	0.7	
sulfate	250000	27.9	17.9 B	178 B	7.7	16.1 B	17.9	17.4	
sulfide		U	U	U	U	U	U	U	
total alkalinity	--	160	122	148	106	131	140	139	
Field Parameters									
Dissolved Iron (mg/L)		0.5	N/A	0.6	0.8	0.1	1.8	N/S	
pH		7.38	7.94	7.1	7.1	7.06	7.28	N/S	
Specific Conductance (µS/cm)		483	573	876	506	385	503	N/S	
Temperature (degrees C)		10.3	10.4	13.2	12.5	10.14	10.15	N/S	
Dissolved Oxygen (mg/L)		4.35	2.76	3.12	3.89	9.07	4.45	N/S	
Oxidation Reduction Potential (mV)		-77	-101	-22	-88	235	-108	N/S	

Decomissioned and not sampled after September 2003

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

* - Sum of total phenolic compounds may not exceed 1 ppm.

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

M - Matrix effect present

N/A - Analyte was not analyzed during sampling

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continuec

Monitoring Well ID	NYSDEC GW Standards[1]	TF3MW-116													
Sample ID		**TF3M11613AA**	**TF3M11613AA**	**TF3M11613BB**	**TF3M11614CA**	**TF3M11613DA**	**TF3M11613EA**	**TF3M11613FA**	**TF3M11614GB**	**TF3M11613HB**	**TF3M11613IB**	**TF3M11613JB**	**TF3M11613KB**	**TF3M11613LB**	**TF3M11613MA**
Date of Collection		**12/13/01**	**2/27/02**	**6/18/02**	**9/13/02**	**12/19/02**	**3/12/03**	**6/23/03**	**9/12/2003**	**12/12/2003**	**3/17/2004**	**6/17/2004**	**9/13/2004**	**12/30/2004**	**3/29/2005**
Sample Depth (ft)	**(µg/L)**	**13**	**13**	**13**	**14**	**13**	**13**	**13**		**13**	**13**	**13**	**16**	**13**	**13**
VOCs (ug/L)															
1,2,4-trimethylbenzene	5								U	U	U	0.26 F	UM	U	U
sec-butylbenzene	5	10	8.1 ♦	7.3	10	10	4.1	7.9	3.1 ♦	3.5 ♦	4.9 ♦	6.5	13 M	14	8 M
t-butylbenzene	5	2.1	1.5 ♦	2.2	2.1	2.1	1.2	1.7 J	0.86 ♦	1.2 ♦	1.8 ♦	1.9	2.8 M	2.3	1.8 J
cis-1,2-dichloroethylene	5	U	0.26 F	U	U	U	U	U	U	0.24 F	U	U	U	U	U
chloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	0.36 F
ethylbenzene	5	U							U	U	U	0.24 F	U	.21 F	U
isopropylbenzene	5	15	7.9 ♦	12	6.3	14	4.9	9	2.8 ♦	5.8 ♦	9.4 ♦	14	22	18	9.4 M
n - butylbenzene	5	3.8	3.6	4.4	7.8	3.8	U	3.1 J	2 ♦	1.5 ♦	1.8 ♦	1.5	3.6 M	3.8	3.3 J
n-propylbenzene	5	8.3	10 ♦	11	9.5	6.8	4.6	9.4	2.7 ♦	3.7 ♦	6 ♦	6.8	16	18	9.3 M
napthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	0.21 F
Total VOCs		39.2	32.18	36.9	36.57	37.08	15.02	31.1	11.46	15.94	23.9	31.2	57.6	56.31	32.37
SVOCs (µg/L)															
2-methylnaphthalene	--	8	10	11	4	11	10	3	10	7 F ♦	6 F ♦	N/S	N/S	N/S	N/S
2,4-dichlorophenol	1*	U	U	5 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4-dinitrophenol	1*	U	U	13 M	U	U	11 UJ	U	U	U	U	N/S	N/S	N/S	N/S
2,4,5-trichlorophenol	1*	U	U	3 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
4,6-dinitro-2-methylphenol	1*	U	U	18 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
4-nitrophenol	1*	U	U	4 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4,6-trichlorophenol	1*	U	U	4 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
napthalene	10	U	U	U	U	U	U	4	U	U	U	N/S	N/S	N/S	N/S
phenanthrene	50	U	U	U	U	U	U	2	U	U	U	N/S	N/S	N/S	N/S
pyrene	50	U	U	U	U	U	U	2	U	U	U	N/S	N/S	N/S	N/S
di-n-octyl phthalate	50	U	U	3 F	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
Total SVOCs		8	10	14	4	11	10	11	10	7	6	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)															
nitrate	10000	N/A	U	U	U	U	0.056	U	U	U	0.1 ♦	0.052	U	0.31	U
sulfate	250000	N/A	U	11.1	2.9 B	7.9	11.4 B	U	13.2	21.6 ♦	10.1	N/S	N/S	N/S	N/S
sulfide	--	N/A	U	U	U	U	U	U	U	U	0.091 F ♦	N/S	N/S	N/S	N/S
total alkalinity	--	N/A	232 ♦	215	252	181	260	252	227 ♦	487	161 B ♦	222	191	224 ♦	201
Field Parameters															
dissolved iron (mg/L)		N/A	6	N/A	6.8	3.5	2.4	5.6	2.8	N/A	4.4	5	5	4.2	1.8
pH		7.5	7.05	7.96	6.91	6.92	9.9	7.09	6.85	8.78	6.74	6.8	6.65	6.49	8
specific conductance (µS/cm		1020	437	668	821	674	471	519	582	767	66	83	79	63	90
temperature (degrees C)		12.91	10.5	10.7	13.1	12.5	10.3	10.78	12.22	12.9	9.38	10.4	13.1	12.2	10.2
dissolved oxygen (mg/L)		5.06	3.55	0.62	1.16	5.55	3.71	4.46	5.24	4.36	3.5	3.9	2.65	7.29	6.78
oxidation reduction potential (mV)		-124	-117	-135	-16	-105	-120	-142	-136	-135	-63	-99	-106	-131	-113

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

* - Sum of total phenolic compounds may not exceed 1 ppm.

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

M - Matrix effect present

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	**NYSDEC**	**TF3MW-117**													
Sample ID	**GW**	**TF3M11713AA**	**TF3M11713AA**	**TF3M11713BB**	**TF3M11713CA**	**TF3M11712DA**	**TF3M11713EA**	**TF3M11713FA**	**TF3M11713GB**	**TF3M11713HB**	**TF3M11713IB**	**TF3M11713JB**	**TF3M11713KB**	**TF3M11713LB**	**TF3M11713MA**
Date of Collection	**Standards[1]**	**12/13/01**	**2/27/02**	**6/18/02**	**9/13/02**	**12/12/2002**	**3/12/03**	**6/20/03**	**9/12/2003**	**12/12/2003**	**3/18/2004**	**6/17/2004**	**9/13/2004**	**12/30/2004**	**3/29/2005**
Sample Depth (ft)	**(µg/L)**	**13**	**13**	**13**	**13**	**12**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**
VOCs (ug/L)															
1,1,2 -trichloroethane	1	U	U	0.42 M	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	5	U	U	U	U	U	0.25 UJ	U	U	U	U	U	U	U	U
benzene	1	0.29 F	0.35 F	U	0.28 F	0.31 F	U	0.28	0.24 F	U	0.26 F	U	U	U	U
bromomethane	5	U	U	U	U	U	0.19 UJ	U	U	U	U	U	U	U	U
chloroethane	5	U	U										U	U	0.38 F
chloromethane	5	U	U	U	U	0.21 F	U	U	U	U	U	U	U	U	0.49 F
sec-butylbenzene	5	1.9	1.6	1.4	2.8	1.9	U	6.1	2.4	5.6	2.1	4.8	6.4	U	U
t-butylbenzene	5	1	2.5	2.6	2	2.1	2.2	2	2.7	1.9	2.8	2.9	2.8	U	2
cis-1,2-dichloroethylene	5	0.4 F	0.29 F	U	U	U	0.36 F	0.22 F	U	0.48 F	0.33 F	U	U	U	U
isopropylbenzene	5	2	0.52	1.1	4.7	1.1	0.8	7.7	2.9	6.1	2.9	6.4	12	5.9	3.9
p-isopropyltoluene	5	1.8	4.5	U	U	U	3.8	U	5.5	U	5.2	6	5.5	U	U
n-butylbenzene	5	U	U										U	0.48 F	U
n-propylbenzene	5	0.32 F	U	U	0.52	U	U	0.83 F	0.37 F	2.5	0.39 F	2.5	5.2	3.7	0.66 F
Total VOCs		7.71	9.76	5.1	10.3	5.62	7.16	17.13	14.11	16.58	13.98	22.6	31.9	10.08	7.43
SVOCs (µg/L)															
2,4-dichlorophenol	1*	U	U	4 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4-dinitrophenol	1*	U	U	12 M	U	U	11UJ	U	U	U	U	N/S	N/S	N/S	N/S
2,4,5-trichlorophenol	1*	U	U	3 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
4,6-dinitro-2-methylphenol	1*	U	U	16 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
4-nitrophenol	1*	U	U	3 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
2,4,6-trichlorophenol	1*	U	U	4 M	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
benzoic acid		U	U	U	U	U	13 UJ	17 R	7 R	U	U	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)															
nitrate	10000	N/A	0.064	U	U	U	U	U	U	0.061	0.11	0.069	2.5	0.67	0.29
sulfate	250000	N/A	U	7.7	6.2 B	3.2	5.8 B	83.4	U	6.3	1.3	N/S	N/S	N/S	N/S
sulfide		N/A	U	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
total alkalinity	--	N/A	298	274	312	206	251	264	307	445	336	316	269	244	237
Field Parameters															
dissolved iron (mg/L)		N/A	6	N/A	6.2	5.6	4.6	4.9	4	3.3	4.2	4.4	3.6	3.2	3.5
pH		7.57	6.87	7.82	6.92	6.84	9.58	6.93	6.98	8.63	6.82	6.64	6.78	6.45	7.87
specific conductance (µS/cm)		1340	1190	1840	1620	1330	158	209	180	179	13	95	82	80	98
temperature (degrees C)		13.71	10	11	14.8	13.4	9.5	10.72	14.03	13.88	8.81	10.7	15	12	8.8
dissolved oxygen (mg/L)		4.31	4.19	6.93	1.39	3.55	5.35	4.13	5.53	6.71	4.9	2.5	4.42	9.22	5.46
oxidation reduction potential (mV)		-93	-98	-123	88	-102	-102	-119	-141	-112	-68	-53	-97	-122	-94

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

-- Indidcates no NYS GA Groundwater Standard

* - Sum of total phenolic compounds may not exceed 1 ppm.

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

M - Matrix effect present

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL. However the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continuec

Decommissioned Monitoring Wells (November 2001) Including Replacement Wells (September 200																
Monitoring Well ID	**NYSDEC GW Standards[1] (µg/L)**	**TF3MW-118**		**TF3MW-119**		**TF3MW-119R**			**TF3MW-120**		**TF3MW-121**		**TF3MW-121R**		
Sample ID		**TF3M11810AA**	**TF3M11810AA**	**TF3M11913AA**	**TF3M11913AA**	**TF3M119R12KB**	**TF3M119R12LB**	**TF3M119R13MA**	**TF3M12010AA**	**TF3M12010AA**	**TF3M12110AA**	**TF3M12110AA**	**TF3M121R12KB**	**TF3M121R12LB**	**TF3M121R12MA**
Date of Collection		**12/13/01**	**2/27/02**	**12/13/01**	**2/27/02**	**9/13/2004**	**12/30/2004**	**3/29/2005**	**12/13/01**	**2/27/02**	**12/20/01**	**2/27/02**	**9/13/2004**	**12/30/2004**	**3/29/2005**
Sample Depth (ft)		**10**	**10**	**13**	**13**	**12**	**12**	**13**	**11**	**11**	**11**	**11**	**12**	**12**	**12**
VOCs (ug/L)															
1,1-dichloroethane	5	U	U	U	U	U	U	U	U	U	U	0.23 F	U	U	U
1,2,4-trimethylbenzene	5	U	U	U	U	U	U	U	4.1	U	U	1.4	U	U	U
1,3,5-trimethylbenzene	5	U	U	U	U	U	U	U	1.2	U	U	0.54	U	U	U
t-butylbenzene	5	0.6 F	0.54	1.2	0.41 F	1.4 F	U	U	0.3 F	U	U	0.43 F	U	U	U
ethylbenzene	5	U	U	U	U	U	U	U	0.56 F	U	U	U	U	U	U
isopropylbenzene	5	6.8	0.21 F	2.3	8.5	6.3	U	U	U	U	U	U	U	U	U
n-butylbenzene	5	U	U	0.53 F	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5	0.36 F	0.28 F	1.4	0.43 F	1.9 F	U	U	U	U	U	U	U	U	U
n-propylbenzene	5	0.33 F	U	0.24 F	0.57	U	U	U	0.24 F	U	U	U	U	U	U
acetone	50	U	U	U	U	U	U	U	U	U	U	U	5.1 F	U	U
chlorobenzene	5	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	U
chloroform	5	U	U	U	U	U	U	U	U	0.29 F	0.49 F	U	0.29 F	U	U
cis-1,2-dichloroethylene	5	U	U	U	U	2.9 F	U	U	U	U	U	U	U	U	U
toluene	5	U	U	U	U	U	U	U	3.8	U	U	U	U	U	U
trichloroethylene	5	U	0.44 F	0.31 F	U	U	U	U	U	2.8	2.5	U	2.6	1.8	1.6
o-xylene	5	U	U	U	U	U	U	U	2.1	U	U	U	U	U	U
m,p,-xylene	5	U	U	U	U	U	U	U	3.8	U	U	0.46 F	U	U	U
Total VOCs		8.09	1.47	5.98	9.91	14.3	0	0	16.1	3.09	2.99	3.06	7.99	1.8	1.6
SVOCs (µg/L)															
anthracene	50	U	U	7 J	U	N/S	N/S	U	U	U	U	U	N/S	N/S	U
bis(2-ethylhexyl)phthalate	5	U	2	8 J	5	N/S	N/S	U	U	U	U	U	N/S	N/S	U
chrysene	0.002	U	U	8 J	3	N/S	N/S	U	U	U	U	U	N/S	N/S	U
benzo(a)anthracene	0.002	U	U	8 J	3	N/S	N/S	U	U	U	U	U	N/S	N/S	U
benzo(b)fluoranthene	0.002	U	U	7 J	U	N/S	N/S	U	U	U	U	U	N/S	N/S	U
benzo(a)pyrene	0.002	U	U	6 J	2	N/S	N/S	U	U	U	U	U	N/S	N/S	U
flouranthene	50	U	U	8 J	8	N/S	N/S	U	U	U	U	U	N/S	N/S	U
phenanthrene	50	U	U	7 J	U	N/S	N/S	U	U	U	U	U	N/S	N/S	U
pyrene	50	U	U	7 J	8	N/S	N/S	U	U	U	U	U	N/S	N/S	U
Total SVOCs		8	2	0	26	N/S	N/S	U	0	0	0	0	N/S	N/S	U
Wet Chemistry Data (mg/L)															
nitrate	10000	N/S	0.16	N/S	U	U	U	U	N/S	0.37	N/S	0.054	1.2	1.4	1
sulfate	250000	N/S	U	N/S	U	U	N/S	N/S	N/S	U	N/S	U	N/S	N/S	N/S
sulfide		N/S	U	N/S	U	U	N/S	N/S	N/S	U	N/S	U	N/S	N/S	N/S
total alkalinity	--	N/S	90.8	N/S	176	127	97.7	163	N/S	233	N/S	232	156	202	144
Field Parameters															
dissolved iron (mg/L)		N/A	0	N/A	2	0	1.2	2.5	N/A	0	N/A	0	0	0	0
pH		6.79	6.61	7.64	7.12	7.14	6.74	7.65	7.76	7.13	7.71	7.12	6.95	6.61	7.25
specific conductance (µS/cm)		242	1520	815	794	0.14 *	0.18 *	0.2 *	1030	601	819	743	0.13 *	0.13 *	97.5
temperature (degrees C)		14.62	7.4	14.88	11.3	16	13.9	10.1	15.5	12	16.07	12.6	15.7	14	11.6
dissolved oxygen (mg/L)		6.71	4.44	6.09	3.34	5.6	6.9	4.13	3.6	3.2	5.62	4.02	4.78	8.29	4.31
oxidation reduction potential (mV)		-79	-40	-87	-94	47	-95	-46	-62	-94	179	83	101	64	128

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

* - specific conductance is measured in S/m.

-- Indidcates no NYS GA Groundwater Standard

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

J - The analyte was positively identified, the quantitation is an approximate value of the analyte in the sample

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC GW Standards[1]	TF3MW-123													
Sample ID		**TF3M12313AA**	**TF3M12313AA**	**TF3M12313BB**	**TF3M12313CA**	**TF3M12313DA**	**TF3M12313EA**	**TF3M12313FA**	**TF3M12313GB**	**TF3M12313HB**	**TF3M12313IB**	**TF3MW12313JB**	**TF3M12313KB**	**TF3M12313LB**	**TF3M12313MA**
Date of Collection		**12/13/01**	**2/26/02**	**6/19/02**	**9/13/02**	**12/12/02**	**3/12/03**	**6/23/03**	**9/12/2003**	**12/12/2003**	**3/18/2004**	**6/17/2004**	**9/13/2004**	**12/30/2004**	**3/29/2005**
Sample Depth (ft)	**(µg/L)**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**
VOCs (ug/L)															
1,2,4-trimethylbenzene	5	350 ♦	88 ♦	46 ♦	78 M♦	28	31 ♦	60	72	37	54	45	66	28	19
1,3,5-trimethylbenzene	5	26 ♦	10	6.1 ♦	12	4	4.1	8.9	9.9	4.9	7.1	7	10	4.4	2.7 F
t-butylbenzene	5	8.2 ♦	2.5	1.4	3.9 M	1.3	1.2 ♦	U	2.2	U	U	1.5 F	2.1 F	1 F	0.96 F
isopropylbenzene	5	480 ♦	140 ♦	73 ♦	130 M♦	53	62 J ♦	120	130	63	110	85	120	56	51
n-butylbenzene	5	20 ♦	4.7	2.1 ♦	U	U	U	U	5.2	U	U	1.4 F	1.9 F	0.9 F	1.2 F
ethylbenzene	5	2.4	1.7	0.95 ♦	U	0.33 F	U	U	U	U	U	U	U	U	U
methylene chloride	5	U	U	U	U	U	U	6.5 B	U	3 B	U	U	U	U	U
p-isopropyltoluene	5	21 ♦	6.4	3 ♦	5 ♦	2.4	1.9 ♦	U	4.6	1.2	U	2.6 F	3.7 F	1.6 F	1.4 F
sec-butylbenzene	5	22 ♦	6.1	2.7 ♦	5 ♦	2.5	2 ♦	2.7	4.8	1.4	U	2.8 F	4.3	2 F	1.6 F
n-propylbenzene	5	U	23	U	26	9.1	U	U	16	7	11	11	15	7.1	6.2
naphthalene	10	U	U	2.2 ♦	3.4	U	U	U	U	U	U	U	U	U	U
toluene	5	1.1	0.27 F	U	2	U	U	U	U	U	U	U	1 F	U	U
m,p-xylene	5	22 ♦	7	2.5 ♦	4.3	1.8	1.2	U	U	1.3 F	U	1.4 F	1.4 F	U	U
Total VOCs		1021.3	305.99	151.35	288.1	102.97	109.8	209.1	244.7	118.8	182.1	168.7	225.4	101	84.06
SVOCs (µg/L)															
not sampled at this location															
Wet Chemistry Data (mg/L)															
nitrate	10000	N/A	0.8	U	U	U	0.063	U	U	0.29	0.06	U	0.12	0.04 F	U
sulfate	250000	N/A	U	11	4.7 B	4	9.3 B	25.5	17	6.3	4.4	N/S	N/S	N/S	N/S
sulfide		N/A	U	U	U	U	U	U	U	U	0.06 F	N/S	N/S	N/S	N/S
total alkalinity	--	N/A	202	156	204	150	160	159	167	352	222	202	186	205	188
Field Parameters															
dissolved iron (mg/L)		N/A	4	N/A	3	2.8	1.9	2.8	2.2	NA	1.8	1	3	N/A	1.4
pH		7.75	6.94	7.89	7.14	6.73	9.9	7.03	7.16	8.76	7.12	6.99	6.57	6.6	7.81
specific conductance (µS/cm)		721	751	686	615	594	531	590	600	830	64	77	90	88	98
temperature (degrees C)		12.48	9.1	10.8	14.4	11.8	9	11.56	13.38	13.82	8.5	11.1	14.2	11.9	8.9
dissolved oxygen (mg/L)		3.98	3.29	0.86	1.05	4.02	4.24	3.89	4.8	4.58	2.3	4.8	7.32	8.02	4.99
oxidation reduction potential (mV)		-99	-84	-118	-19	-65	-109	-130	-128	-113	-67	-84	-71	-111	-90

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

2 - When the guidance value or standard is below the method detection limit, ahieving the method detection limit is considered acceptable for meeting the guidance value or standard

♦ - Concentrations are from duplicate sample, which was greater than the original sample.

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

J - Analyte was positively identified, quantitation is an approximation

M - Matrix effect present

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

R - The data is unusable due to deficiences in the ability to analyze the sample and meet QC criteria.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL, however the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC	TF3MW-124										
Sample ID	GW	TF3M12413AA	TF3M12413AA	TF3M12413BB	TF3M12414CA	TF3M12412DA	TF3M12413EA	TF3M12413HA	TF3M12413GB	TF3M12413HB	TF3M12413IB	
Date of Collection	Standards[1]	12/13/01	2/25/02	6/18/02	9/13/02	12/12/2002	3/12/2003	6/19/2003	9/12/2003	12/12/2003	3/17/2004	
Sample Depth (ft)	(µg/L)	13	13	13	14	12	13	13	13	13	13	
VOCs (ug/L)												
1,2-dibromo-3-chloropropane	0.04	U	U	U	U	U	0.25 UJ	U	U	U	U	Monitoring well not sampled after March 2004
acetone	50	U	U	U	U	U	U	U	U	4.4 F	3.3 F	
benzene	1	0.76 F	0.76	0.43 F	0.5	U	U	U	U	U	U	
1-chlorohexane	--	U	U	U	U	U	U	0.14 M	0.14 M	U	U	
1,2,3-trichloropropane	5	U	U	U	U	U	U	0.21 M	U	U	U	
1,2,4-trimethylbenzene	5	U	U	U	U	U	U	0.23 M	U	U	U	
1,3,5-trimethylbenzene	5	U	U	U	U	U	U	0.25 M	U	U	U	
chloromethane	5	U	U	U	U	0.22 F	U	U	U	U	U	
t-butylbenzene	5	0.45 F	0.3 F	U	U	U	U	U	U	U	U	
bromodichloromethane	50	U	U	U	U	U	U	0.11 M	U	U	U	
bromomethane	5	U	U	U	U	U	0.19 UJ	U	0.13 M	U	U	
isopropylbenzene	5	2.3	0.23 F	U	U	U	U	U	U	U	U	
p - isopropyltoluene	5	0.21 F	U	U	U	U	U	U	U	U	U	
sec - butylbenzene	5	0.47 F	U	U	U	U	U	U	U	U	U	
m,p-xylene	5	U	U	U	U	U	U	0.34 M	U	U	U	
2-hexanone	--	U	U	11	U	U	U	U	U	U	U	
toluene	5	U	U	U	U	U	U	0.17 M	U	U	U	
trichloroethylene	5	0.52 F	0.57	0.59	0.61	0.48 F	0.62 J	0.33 F	U	0.6 F	0.55 F	
styrene	5	U	U	U	U	U	U	0.12 M	U	U	U	
tetrachloroethylene	5	U	U	U	U	U	U	U	0.18 M	U	U	
trichlorofluoromethane	5	U	U	U	U	U	U	U	0.14 M	U	U	
Total VOCs		4.71	1.86	12.02	1.11	0.7	0.62	1.9	0.59	5 F	3.85 F	
SVOCs (µg/L)												
2,4,5-trichlorophenol	1*	U	U	3 M	U	U	3 UJ	U	U	U	U	
2,4,6-trichlorophenol	1*	U	U	4 M	U	U	4 UJ	U	U	U	U	
2,4-dichlorophenol	1*	U	U	5 M	U	U	4 UJ	U	U	U	U	
2,4-dinitrophenol	1*	U	U	12 M	UJ	U	11 UJ	U	U	U	U	
4,6-dinitro-2-methylphenol	1*	U	U	16 M	U	U	15 UJ	U	U	U	U	
4-nitrophenol	1*	U	U	4 M	U	U	3 UJ	U	U	U	U	
benzoic acid	--	U	U	U	U	U	13 UJ	17 R	17 R	U	U	
isophorone	50	U	U	U	U	U	5 UJ	R	U	U	U	
benzo(a)anthracene	1*	U	U	U	U	U	2 UJ	3 M	U	U	U	
Wet Chemistry Data (mg/L)												
nitrate	10000	N/A	U	U	U	U	0.12	0.056	U	U	U	
sulfate	250000	N/A	U	27.9	22 B	24.3	28.8 B	198	35.5	114	33.1 M	
sulfide		N/A	U	U	U	U	U	U	U	U	0.049 M	
total alkalinity	--	N/A	165	132	160	116	150	129	148	154	167	
Field Parameters												
dissolved iron (mg/L)		N/A	1.4	N/A	1.5	1.3	0.2	2.5	2	0.6	3.2	
pH		7.98	7.31	7.96	7.12	6.79	10.15	7.17	7.29	7.2	7.19	
specific conductance (µS/cm)		867	581	799	856	658	526	700	937	880	240	
temperature (degrees C)		13.68	10.4	11.6	15.6	13.3	9.6	11.52	14.95	14.1	8.63	
dissolved oxygen (mg/L)		3.88	3.35	0.63	1.56	3.98	4.61	3.9	5.52	8.17	2.6	
oxidation reduction potential (mV)		-73	-90	-129	4	-39	-107	-110	-128	-106	-10	

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 20(

2 - When the guidance value or standard is below the method detection limit, ahieving the method detection limit is considered acceptable for meeting the guidance value or standard

* - Sum of total phenolic compounds may not exceed 1 ppm.

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

M - Matrix effect present

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL, however the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC GW Standards[1]	TF3MW-125							
Sample ID		TF3M12513AA	TF3M12513BB	TF3M12514CA	TF3M12513DA	TF3M12513EA	TF3M12513FA	TF3M12514GB	
Date of Collection		2/12/02	6/19/02	9/13/02	12/20/2002	3/12/2003	6/23/2003	9/2/2003	
Sample Depth (ft)	(µg/L)	13	13	14	13	13	13	14	
VOCs (ug/L)									
1,2-dichloropropane	1	U	U	U	U	.32 UJ	U	U	
1,2,4-trimethylbenzene	5	81 ♦	48 ♦	56 ♦	29	28	23	36	
1,3,5-trimethylbenzene	5	33 ♦	19	21 ♦	14	10 M	8.3	13	
benzene	1	0.36 F	U	U	U	0.30 UJ	U	U	
n-butylbenzene	5	U	2.3	3 J	U	0.44 UJ	U	U	
sec-butylbenzene	5	2.7 ♦	2	2.6 ♦	1.4	1.8 M	U	U	
t-butylbenzene	5	1.6 ♦	0.98	1.3 ♦	0.9	0.92 J	U	U	
chloroethane	5	U	U	0.63	U	0.32 UJ	U	U	
chloromethane	5	U	U	0.66	U	0.28 UJ	U	U	
ethylbenzene	5	94 ♦	82 ♦	90 ♦	53	61 M	51	62	
isopropylbenzene	5	80 ♦	62 ♦	85 ♦	40	50 M	37	43	
p-isopropyltoluene	5	4.2 ♦	2.9 ♦	3.6	U	2.1 M	U	U	
methylene chloride	5	U	U	U	U	0.5	7 B	8.5	
methyl ethyl ketone	5	U	U	U	U	3.1 UJ	U	U	
n-propylbenzene	5	14	15	18 ♦	9.5	11 M	7.8	11	
naphthalene	10	U	11	14 ♦	7.8	10 J	6.8	9.1	
toluene	5	1.1 ♦	0.86	1.1 ♦	U	0.54 M	U	U	
o-xylene	5	2.5	1.1	1.4 ♦	0.87	0.78 M	U	U	
m,p-xylene	5	89 ♦	47 ♦	42 ♦	26	28 J	26	37	
Total VOCs		403.46	294.14	337.29	182.47	204.64	159.9	219.6	
SVOCs (µg/L)									
bis-(2-ethylhexyl) phthalate	5	5 F	U	U	U	U	U	U	
benzoic acid	--	U	U	U	U	U	17 R	18 R	
naphthalene	10	4 F	U	U	6 F	6 F	4 F	6 F	
phenanthrene	50	U	U	U	U	3 F	U	U	
pyrene	50	3 F	U	U	U	U	U	U	
2-methylnaphthalene	--	U	U	U	U	5 F	2 F	2 F	
bis (2-etylhexyl) phthalate	5	U	U	U	U	4 M	U	U	
Total SVOCs		12	0	0	6	18	6	8	
Wet Chemistry Data (mg/L)									
nitrate	10000	U	U	U	N/A	U	U	U	
sulfate	250000	U	5.4	5.2 B	2.7	10.9 B	39.7	4.3	
sulfide		U	U	U	U	1 M	U	U	
total alkalinity	--	106	97.6	137	96.3	143	116	116	
Field Parameters									
dissolved iron (mg/L)		3.5	N/A	5.6	4.4	2.8	3.5	N/S	
pH		6.64	6.55	6.9	6.87	6.84	6.8	N/S	
specific conductance (µS/cm)		380	403	422	481	391	228	N/S	
temperature (degrees C)		9.6	9.9	13	12.8	9.38	9.99	N/S	
dissolved oxygen (mg/L)		4.90	3.87	1.09	2.88	4.51	3.56	N/S	
oxidation reduction potential (mV		-50	-83	-22	-112	-3	-132	N/S	

Decomissioned in September 2003

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

2 - When the guidance value or standard is below the method detection limit, ahieving the method detection limit is considered acceptable for meeting the guidance value or standard

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

J - Analyte was positively identified, quantitation is an approximation

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL. However the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC GW Standards[1]	TF3MW-126													
Sample ID		**TF3M112613AA**	**TF3M112613BB**	**TF3M12614CA**	**TF3M12612DA**	**TF3M12613EA**	**TF3M12613FA**	**TF3M12614GB**	**TF3M12612HB**	**TF3M12613IB**	**TF3M12613JB**	**TF3M12613KB**	**TF3M12613LB**	**TF3M12613MA**
Date of Collection		**2/12/02**	**6/19/02**	**9/13/02**	**12/20/2002**	**3/12/03**	**6/20/03**	**9/12/2003**	**12/12/2003**	**3/18/2004**	**6/17/2004**	**9/13/2004**	**1/3/2005**	**3/29/2005**
Sample Depth (ft)	**(µg/L)**	**13**	**13**	**14**	**12**	**13**	**13**	**14**	**12**	**13**	**13**	**13**	**13**	**13**
VOCs (ug/L)														
1,2-dichloropropane	1	U	U	0.42 F	U	U	U	U	U	U	U	U	U	U
1-2-dichloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	0.26 F
1,2,4-trimethylbenzene	5	0.55	U	1.6	U	U	U	U	U	U	0.39 F	U	U	U
acetone	50	U	U	U	U	U	U	U	5.7 F	U	U	U	U	U
n-butylbenzene	5	7.8	4.7	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5	11	6.5	6	2.4	2.4	1.9 J ♦	1.8	1.1	1.4	2	1.2	0.77 F	U
t-butylbenzene	5	2.5	1.5	1.5	1.4	0.88	0.6 F ♦	1.2	1.4	1.1	1.6	1.5	0.96 F	0.87 F
chloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	0.29 F
chloromethane	5	U	U	U	0.26 F	U	U	U	U	U	U	U	U	0.33 F
ethylbenzene	5	U	0.37 F	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5	11	4.2	8.1	3.1	U	0.35 F ♦	1.6	1	1.1	3	0.39 F	1	0.86 F
p-isopropyltoluene	5	1	0.38 F	0.31 F	0.3 F	U	U	U	U	2.5	U	3.2	U	U
methyl ethyl ketone	5	U	U	U	U	1.6 UJ	U	U	U	U	U	U	U	U
n-propylbenzene	5	18	2.9	6.9	1	0.99	0.33 F ♦	0.77 F	0.49 F	0.83 F	0.8 F	U	U	0.25 F
Total VOCs		51.85	20.55	24.41	8.46	4.27	3.18	5.37	9.69	6.93	7.79	6.29	2.73	2.86
SVOCs (µg/L)														
benzoic acid	--	U	U	U	U	U	17 R	17 R	U	U	N/S	N/S	N/S	N/S
2-methylnaphthalene	--	12	U	10	U	U	U	U	U	U	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)														
nitrate	10000	U	U	U	N/A	U	U	U	U	0.58	0.18	0.065	0.67	U
sulfate	250000	U	13.8	4.9 B	8.9	16.8 B	50	9.2	35.4	22.7	N/S	N/S	N/S	N/S
sulfide		U	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
total alkalinity	--	267	220	233	182	233	241	243	400	308	275	218	271	243
Field Parameters														
dissolved iron (mg/L)		3.5	N/A	5.4	6	3.4	4.4	2.5	1.8	2	3.2	4.8	2.3	2.8
pH		7.12	6.64	6.74	6.94	6.9	7.15	7.17	6.7	6.95	7.11	6.88	7.48	7.65
specific conductance (µS/cm)		451	479	660	590	509	414	581	686	68	58	59	65.8	70.4
temperature (degrees C)		10	9.8	13.2	12.7	9.6	10.11	13.32	12.52	8.5	9.9	13.4	11.3	9.3
dissolved oxygen (mg/L)		5.18	3.51	1.13	2.18	4.5	3.75	3.54	0.9	4.8	2.9	6.08	8.82	4.44
oxidation reduction potential (mV		-84	-91	-8	-118	-30	-125	-152	-122	-70	-104	-100	-10	-102

Notes:

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2 - When the guidance value or standard is below the method detection limit, ahieving the method detection limit is considered acceptable for meeting the guidance value or standard

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

J - Analyte was positively identified, quantitation is an approximation

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL. However the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued

Monitoring Well ID	NYSDEC	TF3MW-127												
Sample ID	GW	TF3M12713AA	TF3M12713BB	TF3M12714CA	TF3M12712DA	TF3M12713EA	TF3M12713FA	TF3M12713GB	TF3M12713HB	TF3M12713IB	TF3M12713JB	TF3M12713KB	TF3M12713LB	TF3M12713MA
Date of Collection	Standards[1]	2/12/02	6/19/02	9/13/02	12/20/2002	3/12/2003	6/20/2003	9/12/2003	12/12/2003	3/17/2004	6/17/2004	9/13/2004	12/30/2004	3/29/2005
Sample Depth (ft)	(µg/L)	13	13	14	12	13	13	13	13	13	13	13	13	13
VOCs (ug/L)														
1,2,4-trimethylbenzene	5	180 ♦	16	190 ♦	14	15	5.6	56 J	56	21	72	43	70	6.2
1,3,5-trimethylbenzene	5	66 ♦	6.6	74 ♦	7.9	6.3	2.5	30	20	7.1	0.83 F	13	U	2.9
benzene	1	2.6	0.94	5.7	1.3	0.54	2.2	5.2	2.1	2.9	4.2	3.3	2.2	0.97
n-butylbenzene	5	9	1.2	U	U	U	U	3.5	U	U	0.87 F	0.64 F	0.49 F	0.41 F
sec-butylbenzene	5	12	2.1	15 ♦	2.7	1.5	1.3	6.7	5.1	2.7	3.2	2.7	1.7 F	1.2
t-butylbenzene	5	1.7	0.24 F	1.7 ♦	0.34 F	U	U	0.87 F	0.52 F	0.26 F	0.87 F	U	U	U
chloroethane	5	U	U	0.44 F	U	U	U	U	U	U	U	U	U	U
chloromethane	5	U	U	0.47 F	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5	81	15	120 B	20	35	12	41 J	47	25	50	26	30	5.2
isopropylbenzene	5	37	5.9	67 ♦	8.7	7.6	3.1	24	18	8.6	18	10	10	3.6
p-isopropyltoluene	5	14	1.3	11	1.2	0.56	U	2.5	1.7	0.48 F	1.7 F	0.89 F	0.74 F	0.34 F
methyl ethyl ketone	5	U	U	U	U	1.6 UJ	U	U	U	U	U	U	U	U
n-propylbenzene	5	48	7.3	80 ♦	9.6	7.1	3.1	28	20	7.7	19	11	10	3.9
naphthalene	10	U	5.1	44	7.6 J	8.5	2.2	22	19	8.2	19	12	12	2.6
trichloroethylene	5	0.54	0.44 F	0.26 F	0.49 F	0.43 F	U	0.23 F	U	U	U	U	U	U
toluene	5	U	U	1.2	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5	45	7	49	7.7	20	4.6	45	40	18	41	24	25	2.7
methylene chloride	5	U	U	U	U	U	U	U	0.8 F	U	2.2	0.53 F	U	U
Total VOCs		451.84	62.12	659.77	73.83	82.53	36.6	220	230.22	101.94	230.67	147.06	162.13	30.02
SVOCs (µg/L) MCL[2]														
2-methylnaphthalene	--	35	23	140	9 F	8 F	3 F	9 F	2 F	U	N/S	N/S	N/S	N/S
benzo(a)anthracene	0.002	5 F	U	25 F	2 F	U	U	U	U	U	N/S	N/S	N/S	N/S
acenaphthene	20	4 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
anthracene	50	4 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
benzo(a)pyrene	ND	3 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
benzo(b)flouranthene	0.002	3 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
benzoic acid	--	U	U	U	U	U	17 R	17 R	U	U	N/S	N/S	N/S	N/S
bis(2-ethylhexyl)phthalate	5	2 F	U	26 F	U	U	U	U	U	U	N/S	N/S	N/S	N/S
chrysene	0.002	4 F	U	28 F	U	U	U	U	U	U	N/S	N/S	N/S	N/S
flouranthene	50	17	4 F	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
flourene	50	U	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
naphthalene	10	23	20	110	9 F	12	8 F	12	6 F	3 F	N/S	N/S	N/S	N/S
phenanthrene	50	13	4 F	53	4 F	U	U	U	2 F	U	N/S	N/S	N/S	N/S
pyrene	50	14	3 F	30 F	3 F	U	U	U	U	U	N/S	N/S	N/S	N/S
Total SVOCs		127	54	412	27	20	11	21	10	3	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)														
nitrate	10000	0.11	U	U	N/A	U	0.055	U	0.15	0.83	0.36	0.13	0.36	0.24
sulfate	250000	U	24.8	14.8	11.5	10.6 B	14.2	21	21.6	24.8	N/S	N/S	N/S	N/S
sulfide		U	U	U	U	U	U	U	U	0.061 F	N/S	N/S	N/S	N/S
total alkalinity	--	284	218	268	214	252	253	231	389	233 B	341	246	314	298
Field Parameters														
dissolved iron (mg/L)		3.2	N/A	6.5	3.5	2	1.8	4	2.5	2	2.8	1	2	1.8
pH		6.81	7.85	6.56	7.03	7.08	7.15	7.07	6.44	7.07	6.99	7.59	6.24	6.82
specific conductance (µS/cm)		524	752	839	566	451	353	517	543	76	81	68.8	71	74
temperature (degrees C)		9.6	10.2	13.3	11.5	8.3	9.37	13.22	11.69	7.79	9.9	13.2	10.4	8.4
dissolved oxygen (mg/L)		3.55	0.8	1.2	2.66	4.88	4.02	6.28	3.41	4.1	2.9	4.59	8.11	6.87
oxidation reduction potential (mV)		-90	-111	6	-99	52	-89	-129	-73	-21	-70	-38	-51	75

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

* - Sum of total phenolic compounds may not exceed 1 ppm.

♦ - Concentrations are from duplicate sample or dilution, which was greater than the original sample

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

J - Analyte was positively identified, quantitation is an approximation

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL, however the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC GW Standards[1]	TF3MW-128												
Sample ID		TF3M112813AA	TF3M112813BB	TF3M12814CA	TF3M12813DA	TF3M12814EA	TF3M12813FA	TF3M12814GB	TF3M12813HB	TF3M12813IB	TF3M12814JB	TF3M12813KB	TF3M12814LB	TF3M12814MA
Date of Collection		2/12/02	6/19/02	9/13/02	12/20/2002	3/12/2003	6/20/2003	9/11/2003	12/12/2003	3/17/2004	6/17/2004	9/13/2004	12/30/2004	3/29/2005
Sample Depth (ft)	(µg/L)	13	13	14	13	14	13	14	13	13	14	13	14	14
VOCs (ug/L)														
1,2,4-trimethylbenzene	5	140 ♦	98 ♦	53	33	31	60 ♦	44	24	16	32	20	8.3	25
1,3,5-trimethylbenzene	5	54	39 ♦	23	14	10	24 ♦	18	7.9	5.5	12	6.7	2.7	11
acetone	50	U	U	U	U	U	U	U	3.4 F	U	U	U	U	U
benzene	1	4.2	2.2 ♦	3.3	1.4	0.62	0.99 ♦	1.4	0.42 F	0.63	0.8	0.42 F	.25 F	1.2
n-butylbenzene	5	6	3.6	U	U	U	U	3	0.89 F	U	0.74 F	0.59 F	U	1.8
sec-butylbenzene	5	9.3	6.8	6	3.1	2	4.5 ♦	3.8	1.2	1.4	2.2	1.5	0.44 F	3.4
t-butylbenzene	5	1.2	0.75	0.8	0.42 F	0.24 F	0.3 F	0.47 F	U	U	0.3 F	U	U	0.34 F
chloroethane	5	U	U	0.29 F	U	U	U	U	U	U	U	U	U	U
chloromethane	5	U	U	0.31 F	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5	98 ♦	58 ♦	54 B	19	12	22 ♦	21	9.1	10	15	8.6	5.5	17
isopropylbenzene	5	32	21 ♦	24	9.3	5.5	10 ♦	9.8	3.9	4.7	7.3	3.9	2.1	9
p-isopropyltoluene	5	40	17 ♦	19	9.8	3.9	5.6 ♦	3.8	1.2	2	5.3	2.4	0.75 F	5
methyl ethyl ketone	5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5	41	30 ♦	30	13	7.3	16 ♦	14	5.4	5.2	9.6	5.5	2.5	12
naphthalene	10	U	23	30	9.9 J	5.4	9	8.3	3.1	4.8	6.5	3.4	2.4	7.4
toluene	5	1 ♦	0.5	0.36 F	0.23 F	U	U	U	U	U	U	U	U	U
o-xylene	5	1.1	U	0.44 F	0.25 F	U	U	U	U	U	U	U	U	U
m,p-xylene	5	82	47 ♦	32 B	14	11	21 ♦	20	9.4	8.4	14	8	4.2	12
Total VOCs		427.8	346.85	276.5	127.4	88.96	173.39	147.57	69.91	58.63	105.74	61.01	29.14	105.14
SVOCs (µg/L) MCL[2]														
2-methylnaphthalene	--	24	17	12	U	4 F	6 F	8 F	U	5 F	N/S	N/S	N/S	N/S
benzo(a)anthracene	0.002	U	U	U	2 F	U	U	U	U	U	N/S	N/S	N/S	N/S
acenaphthene	20	8 F	U	5 F	U	U	U	U	U	U	N/S	N/S	N/S	N/S
anthracene	50	5 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
benzoic acid	--	U	U	U	U	13 UJ	17 R	18 R	U	U	N/S	N/S	N/S	N/S
dibenzofuran	--	4 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
flouranthene	50	6 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
flourene	50	6 F	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
naphthalene	10	26	15	17	6 F	4 F	5 F	7 F	U	4 F	N/S	N/S	N/S	N/S
phenanthrene	50	20	4 F	8 F	U	U	U	U	U	U	N/S	N/S	N/S	N/S
pyrene	50	4 F	U	3	U	U	U	U	U	U	N/S	N/S	N/S	N/S
Total SVOCs		103	32	45	8 F	8 F	11 F	15 F	0	9 F	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)														
nitrate	10000	U	U	U	N/A	0.73	0.32	U	0.074	0.19	U	U	0.59	U
sulfate	250000	12.9	6.1	5.8	31.8	9.3 B	25.8	6.1	4	2.6	N/S	N/S	N/S	N/S
sulfide		U	U	U	U	U	U	U	U	U	N/S	N/S	N/S	N/S
total alkalinity	--	247	233	293	212	203	253	329	573	314 B	362	371	381	402
Field Parameters														
dissolved iron (mg/L)		0.7	N/A	3.2	1.6	0	1.6	0.4	0.2	0.4	0.5	0	0	0.8
pH		7.29	7.74	7.13	7.05	7.34	7.05	7.09	5.83	6.8	6.72	7.21	6.3	6.86
specific conductance (µS/cm)		377	457	612	609	338	609	500	659	75	75	76.5	73	71
temperature (degrees C)		9.7	9.9	13.4	11.2	6.72	11.2	12.05	10.83	7.92	9.8	13.4	10.6	9
dissolved oxygen (mg/L)		4.8	1.81	4.46	4.27	6.89	4.27	5.89	3.48	4.2	5.3	5.93	7.81	7.5
oxidation reduction potential (mV		-124	-90	-15	-79	162	-79	-61	246	91	-12	65	99	92

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

* - Sum of total phenolic compounds may not exceed 1 ppm.

♦ - Concentrations are from duplicate sample or dilution, which was greater than the original sample

-- Indidcates no NYS GA Groundwater Standard

B - The analyte was also detected in a blank.

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

J - Analyte was positively identified, quantitation is an approximation

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ - The analyte was not detected above the RL, however the quantitation is an approximation.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC GW Standards[1] (µg/L)	TF3MW-129									
Sample ID		TF3M12918AA	TF3M12918BB	TF3M12915CA	TF3M12917DA	TF3M12918EA	TF3M12918FA	TF3M12918GB	TF3M12918HB	TF3M12918IB	Monitoring well not sampled after 3/2004
Date of Collection		2/12/02	6/19/02	9/13/02	12/20/2002	3/12/2003	6/20/03	9/12/03	12/12/2003	3/17/2004	
Sample Depth (ft)		13	13	15	17	18	17	18	18	18	
VOCs (ug/L)											
1,1,1-trichloroethane	5	U	0.41 F	0.25 F	U	0.35 F	0.24 F	U	U	U	
1,3,5-trimethylbenzene	5	U	U	U	U	U	U	U	U	0.39 F	
acetone	50	U	U	U	U	U	U	U	4.4 F	U	
benzene	1	0.44 F	U	U	U	U	0.61	0.58	0.31 F	2.2	
chloroform	7	U	0.45 F	U	U	0.31 F	0.39 F	0.22 F	0.21 F	U	
sec - butylbenzene	5	0.21 F	U	U	U	U	U	U	U	U	
ethylbenzene	5	0.78	0.25 F	0.42 F	0.23 F	1.1	0.95 F	1.2	0.61 F	3.9	
isopropylbenzene	5	1	0.29 F	0.34 F	U	1.3	0.65 F	0.67 F	0.3 F	4.5	
n-propylbenzene	5	U	U	U	U	U	U	U	U	0.22 F	
naphthalene	10	U	U	U	UJ	0.21 F	U	U	U	U	
trichloroethylene	5	0.34 F	0.41 F	0.32 F	0.4 F	0.33 F	0.2 F	0.27 F	0.3 F	0.28 F	
o-xylene	5	U	U	U	U	U	U	U	U	0.31 F	
Total VOCs		2.77	1.81	1.33	0.63	3.6	3.04	2.94	6.13	11.8	
SVOCs (µg/L)											
bis(2-ethylhexyl)phthalate	5	3 F	U	U	U	U	U	U	U	U	
benzoic acid	--	U	U	U	U	U	17 R	7 R	U	U	
di-n-butyl phthalate	50	3 F	U	U	U	U	U	U	U	U	
flouranthene	50	23	4 F	4 F	5 F	4 F	U	U	U	U	
phenanthrene	50	8 F	U	U	U	U	U	U	U	U	
pyrene	50	16	U	3 F	4 F	3 F	U	2 F	U	U	
Total SVOCs		53	4 F	7 F	9 F	7 F	0	2 F	0	0	
Wet Chemistry Data (mg/L)											
nitrate	10000	0.22	0.28	0.14	N/A	0.46	0.84	0.4	0.82	0.8	
sulfate	250000	U	14.7	17.6	9.3	14.2 B	24	12.6	23.6	18.3	
sulfide	--	U	U	U	U	U	U	U	U	U	
total alkalinity	--	216	208	223	149	202	235	221	324	175 B	
Field Parameters											
dissolved iron (mg/L)		0.3	N/A	0.2	0.4	0.2	0.02	0	0.6	0.5	
pH		7.17	7.59	6.75	7.39	9.09	7.39	7.37	6.83	7.17	
specific conductance (µS/cm)		563	478	537	512	439	293	480	584	61	
temperature (degrees C)		11	11	12.4	12.7	11.1	11.12	12.06	12.86	10.48	
dissolved oxygen (mg/L)		3.90	1.36	1.22	3.09	3.97	3.89	5.06	7.71	3.2	
oxidation reduction potential (mV)		-59	-75	29	-50	-73	-61	-102	-43	151	

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

N/A - Analyte was not analyzed during sampling

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC	TF3MW-130									
Sample ID	GW	TF3M13016AA	TF3M13017BB	TF3M13018CA	TF3M13016DA	TF3M13017EA	TF3M13017FA	TF3M13017GB	TF3M13017HB	TF3M13017IB	
Date of Collection	Standards[1]	2/12/02	6/19/02	9/13/02	12/20/2002	3/12/2003	6/23/2003	9/12/2003	12/12/2003	3/17/2004	
Sample Depth (ft)	(µg/L)	16	16	16	16	17	17	17	17	17	
VOCs (ug/L)											
1,1,2-trichloroethane	1	1.1	U	U	U	U	U	U	U	U	
1,2,4-trimethylbenzene	5	12	U	0.75	0.59	0.37 F	0.67 F	0.87 F	0.83 F	1.8	
1,3,5-trimethylbenzene	5	2.5	U	U	U	U	0.37 F	0.74 F	0.89 F	U	
bromodichloromethane	5	0.25 F	U	U	U	U	U	U	U	U	
chloroethane	5	U	U	0.25 F	0.26 F	U	U	U	U	U	
chloroform	7	0.25 F	U	U	U	U	U	U	U	U	
sec - butylbenzene	5	0.61	U	1.2	0.21 F	U	U	0.65 F	0.39 F	0.48 F	
ethylbenzene	5	1.7	0.74	0.98 B	1.3	0.68	0.41 F	3.8	3.3	1.7	
isopropylbenzene	5	2.4	0.23 F	1.2	1.4	0.46 F	0.72 F	1.8	2.5	2.3	
methylene chloride	5	U	U	U	U	0.53	U	U	U	U	
p-isopropyltoluene	5	0.45 F	U	0.49 F	U	U	U	U	U	U	
n-propylbenzene	5	1.3	U	1.4	0.78	0.44 F	0.34 F	2.4	2	2.1	
naphthalene	10	U	0.53 F	0.61 F	1.9	0.47 F	1.7	0.98 F	3	1	
o-xylene	5	1.3	0.26 F	U	0.47 F	U	U	0.48 F	0.55	0.38 F	
m,p-xylene	5	1.5	0.47 F	U	0.38 F	U	U	1.4 F	1.1 F	0.68 F	
Total VOCs		25.36	2.23	6.88	7.29	2.95	4.21	13.12	14.56	48.78	
SVOCs (µg/L)											
bis(2-ethylhexyl)phthalate	5	U	U	2 F ♦	U	U	U	U	U	U	
benzoic acid	--	U	U	U	U	U	17 R	7 R	U	U	
Wet Chemistry Data (mg/L)											
nitrate	10000	0.29	1.5	U	N/A	1.3	1.8	0.86	1.5	0.75	
sulfate	250000	48	13.1	12.3	70	13.2 B	17.6	8.4	13.2	12.6	
sulfide	--	U	U	U	U	U	U	U	U	0.056 F	
total alkalinity	--	225	136	246	120	157	149	212	240	137 B	
Field Parameters											
dissolved iron (mg/L)		1	N/A	0.6	0.8	0.4	0	0	0.2	0	
pH		6.92	7.18	7.11	7	7.02	6.63	7.1	6.18	6.76	
specific conductance (µS/cm)		465	301	591	340	345	226	412	343	50	
temperature (degrees C)		10.3	10.2	13	12.6	9.88	10.34	12.88	12.89	9.38	
dissolved oxygen (mg/L)		3.69	2.57	1.22	3.65	5.19	6.3	4.48	3.81	2.7	
oxidation reduction potential (mV)		-41	4	-12	-17	163	32	-38	48	81	

Monitoring well not sampled after 3/2004

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

N/A - Analyte was not analyzed during sampling

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 3-2
Tank Farms 1 and 3 Detected Analytical Results (continued)

Monitoring Well ID	NYSDEC	TF3MW-131						TF3MW-132						TF3MW-133					
Sample ID	**GW**	**TF3M13117HB**	**TF3M13114IB**	**TF3M13115JB**	**TF3M13115KB**	**TF3M13114LB**	**TF3M13114MA**	**TF3M13217HB**	**TF3M13217IB**	**TF3M13217JB**	**TF3M13217KB**	**TF3M13217LB**	**TF3M13217MA**	**TF3M13316HB**	**TF3M13317IB**	**TF3M13316JB**	**TF3M13316KB**	**TF3M13316LB**	**TF3M13316MA**
Date of Collection	**Standards[1]**	**11/25/2003**	**3/17/2004**	**6/17/2004**	**9/13/2004**	**12/30/2004**	**3/29/2005**	**11/25/2003**	**3/17/2004**	**6/17/2004**	**9/13/2004**	**12/30/2004**	**3/29/2005**	**11/25/2003**	**3/17/2004**	**6/17/2004**	**9/13/2004**	**12/30/2004**	**3/29/2005**
Sample Depth (ft)	**(µg/L)**	**17**	**14**	**15**	**15**	**15**	**14**	**17**	**17**	**16**	**17**	**17**	**17**	**17**	**16**	**16**	**16**	**16**	**16**
VOCs (ug/L)																			
1,2,4-trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	80	72	49	15	12	9.3
1,3,5-trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	44	26	16	6.2	5.7	8.6
acetone	5	U	U	1.5 F	U	U	U	U	U	1.8 F	1.9 F	U	U	U	U	U	U	U	U
chloroform	7	0.34 F	U	0.55	0.4 F	0.47 F	0.3 F	0.93	U	0.79	0.63 B	0.57	0.78	U	U	U	U	U	U
chloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.33 F
cis-1,2-dichloroethylene	5	U	U	U	U	U	U	U	U	0.21 F	0.22 F	U	U	U	U	U	U	U	U
sec - butylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	11	12	8.4	4.8	4.1	6.3
ethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	0.73 F	0.97 F	U	U	0.2 F
isopropylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	13	20	14	5.3	4.3	6.8
methylene chloride	5	U	U	U	U	U	U	U	U	U	U	U	U	2.9 B	0.56 F	1.8 F	U	U	U
p-isopropyltoluene	5	U	U	U	U	U	U	U	U	U	U	U	U	18	3.5	1.9 F	0.8 F	0.88 F	1.5
n-butylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	5.1	3.1	1.8 F	0.77 F	0.68 F	1.4
n-propylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	16	20	14	6.6	5.4	7.6
naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	3.7	5.2	3	0.87 F	0.98 F	1.6
trichloroethylene	5	0.43 F	0.32 F	0.36 F	0.38 F	0.27 F	0.29 F	0.8 F	0.67 F	0.64 F	0.69 F	0.6 F	0.65 F	U	U	U	U	U	U
t-butylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	1.9	1.3 F	1 F	0.54 F	0.45 F	0.75 F
m,p-xylene	5	U	U	U	U	U	U	U	U	U	U	U	U	8.2	5	3.4 F	1.2 F	0.95 F	1 F
Total VOCs		0.77	0.32	2.41	0.78	0.74	0.59	1.73	0.67	3.44	3.44	1.17	1.43	200.9	169.39	115.27	42.08	35.44	38.08
SVOCs (µg/L)																			
2-methylnapthalene	--	U	U	N/S	N/S	N/S	N/S	U	U	N/S	N/S	N/S	N/S	15	9 F	N/S	N/S	N/S	N/S
naphthalene	10	U	U	N/S	N/S	N/S	N/S	U	U	N/S	N/S	N/S	N/S	3 F	3 F	N/S	N/S	N/S	N/S
Total SVOCs		0	0	N/S	N/S	N/S	N/S	0	0	N/S	N/S	N/S	N/S	18	12 F	N/S	N/S	N/S	N/S
Wet Chemistry Data (mg/L)																			
nitrate	10000	1	1.1	1.1	0.73	0.95	0.55	2	2	1.8	1.6	1.7	1.4	0.064	0.45	0.14	0.098	0.59	U
sulfate	250000	16.7	14.9	N/S	N/S	N/S	N/S	19.3	20.4	N/S	N/S	N/S	N/S	36.8	9.4	N/S	N/S	N/S	N/S
sulfide	--	U	0.26 F	N/S	N/S	N/S	N/S	U	U	N/S	N/S	N/S	N/S	U	U	N/S	N/S	N/S	N/S
total alkalinity	--	416	146 B	200	226	187	222	346	182 B	268	236	233	237	310	153 B	263	223	226	272
Field Parameters																			
dissolved iron (mg/L)		0	N/A	0	0	0	0	0.8	0	0	0	0	0	0.8	1.8	3.3	2.8	2	3.2
pH		5.9	6.89	6.98	7.46	6.57	6.65	6.02	7.18	7.13	7.31	6.57	7.01	6.61	7.05	7.15	7.29	6.09	6.98
specific conductance (µS/cm)		626	80	0.11 *	84.8	65	0.1 *	682	66	63	76.7	90	0.071 *	542	41	58	62.7	62	70
temperature (degrees C)		13.15	9.21	11	14.6	11.7	9	12.03	9.94	10.1	12.1	11.4	10.2	11.63	8.12	9.7	12.7	11	8.9
dissolved oxygen (mg/L)		2.43	1.6	4.8	3.64	7.58	6.39	2.63	2.9	4.9	6.52	8.78	9.52	1.1	2.8	4.1	3.82	8.41	6.89
oxidation reduction potential (mV)		249	169	59	154	141	152	274	169	77	269	118	204	-101	-37	-96	-94	-31	32

Notes:

1 - Groundwater Standards are from Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998. Amended in April 2000

* - specific conductance is measured in S/m.

♦ - Indicates higher value detected in the sample duplicate or during the dilution phase.

-- Indidcates no NYS GA Groundwater Standard

F - Ananlyte was positively identified but the associated numerical value is below the reporting limit

N/A - Analyte was not analyzed during sampling

N/S- Analyte was not sampled.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Figure 3-3
Tank Farms 1 and 3 SRA VOC Concentrations and Groundwater Elevation Trends

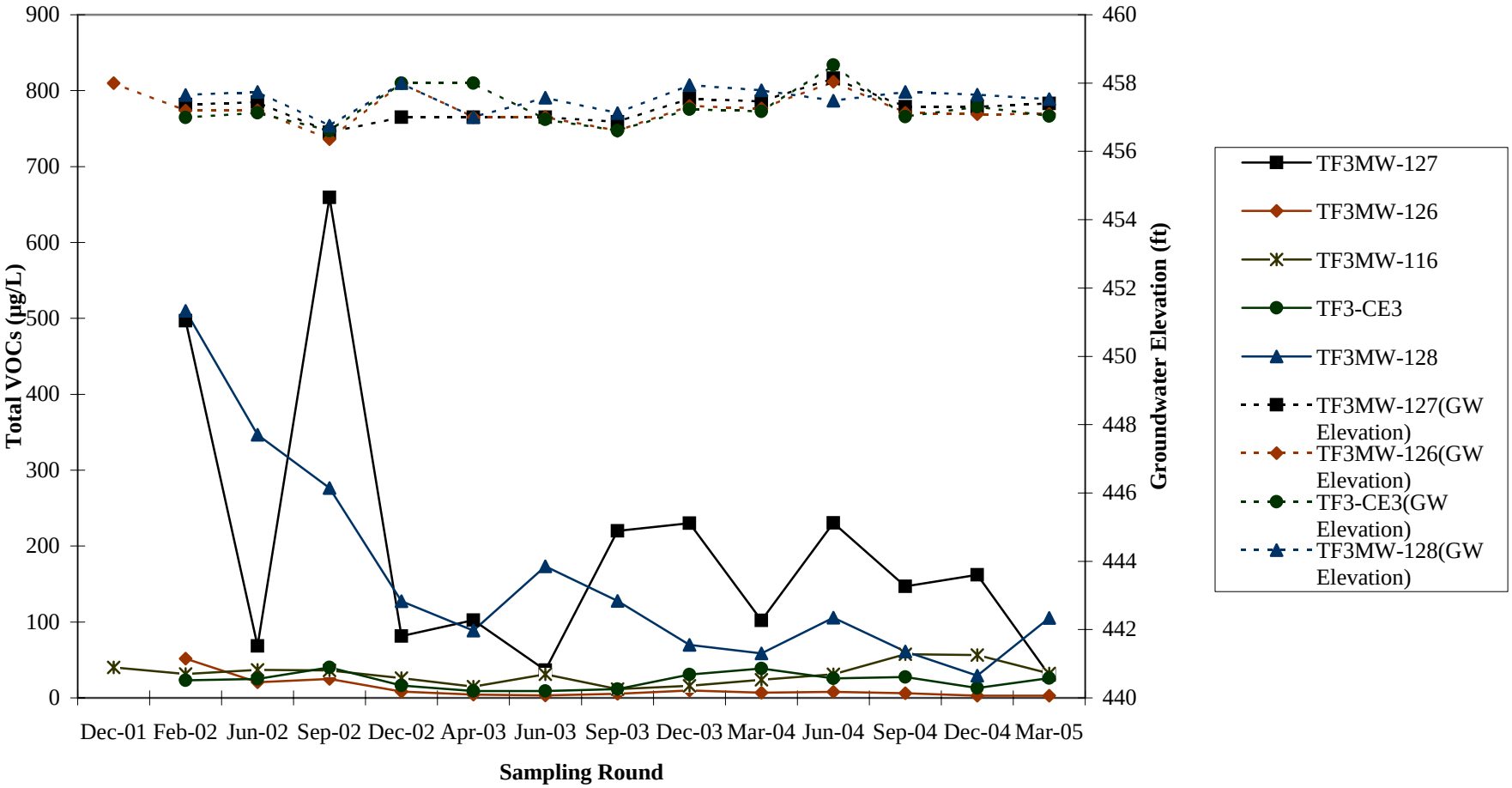
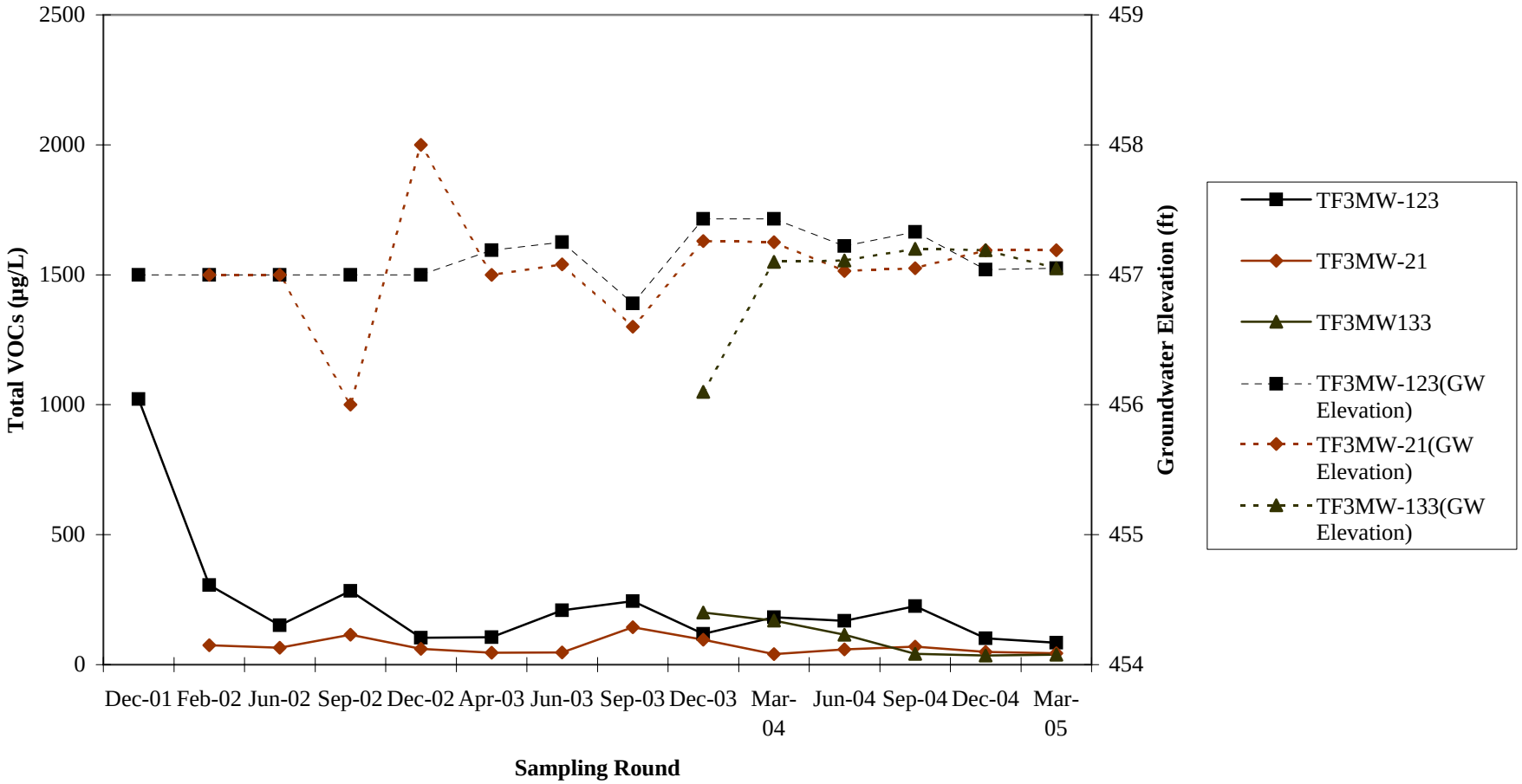


Figure 3-4
Tank Farms 1 and 3 SRA VOC Concentrations and Groundwater Elevation Trends



-121, -123, -124 were sampled along Brooks Road to assess the downgradient migration of the plume. Samples were not analyzed for natural attenuation parameters during this sampling round. TF3MW-123 reported several VOC exceedances and three SVOC exceedances. TF3MW-116 and -118 contained two and one VOC exceedances, respectively, while TF3MW-119 contained one VOC and several SVOC exceedances. No exceedances were reported in monitoring wells TF3MW-117, -120, -121 and -124.

- Minimum VOC exceedance: 5.6 µg/L for 2-dibromo-3-chloropropane at TF3MW-123
- Maximum VOC exceedance: 480 µg/L for isopropylbenzene at TF3MW-123
- Maximum total VOCs: 1,021 µg/L at TF3MW-123
- Maximum SVOC exceedance: 16 µg/L for bis(2-ethylhexyl)phthlate at TF3MW-123
- Maximum total SVOCs: 148 µg/L at TF3MW-123

February 2002:

Monitoring wells TF3CE-3, TF3MW-21, -116, -126, and -130 contained only VOC exceedances, while TF3MW-119, -123, -125, -127, and -128 showed exceedances for VOCs and SVOCs. Monitoring wells TF3MW-2, -25, -117, -118, -120, -121, -124, and -129 showed no exceedances of NYS Groundwater Standards. In March 2002, monitoring wells TF3MW-118 through -121 were decommissioned due to site construction that changed the site topography and usage. Following completion of site construction, replacement monitoring wells will be installed to monitor plume migration.

- Minimum VOC exceedance: 5.1 µg/L of n-butylbenzene at TF3MW-21
- Maximum VOC exceedance: 140 µg/L of 1,2,4-trimethylbenzene at TF3MW-128
- Maximum total VOCs: 510 µg/L at TF3MW-128
- Maximum SVOC exceedance: 26 µg/L of naphthalene at TF3MW-128
- Maximum total SVOCs: 127 µg/L at TF3MW-127

June 2002:

Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -123, -125,-126, -127, and -128 contained VOC or SVOC exceedances. TF3MW-21, -116, -117, and -123 showed SVOC exceedances that were qualified with an "M" qualifier that indicated a matrix effect was present. Monitoring wells TF3MW-2, -25, -124, -129, and -130 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.8 µg/L of n-propylbenzene at TF3CE-3
- Maximum VOC exceedance: 98 µg/L of 1,2,4-trimethylbenzene at TF3MW-128
- Maximum total VOCs: 294 µg/L at TF3MW-125
- Maximum SVOC exceedance: 20 µg/L of naphthalene at TF3MW-127
- Maximum total SVOCs: 54 µg/L at TF3MW-127

September 2002:

Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -123, -125, and -126 contained only VOC exceedances. Monitoring wells TF3MW-127 and -128 contained VOC and SVOC exceedances. Monitoring wells TF3MW-2, -25, -117, -124, -129, and -130 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.7 µg/L of benzene at TF3MW-127
- Maximum VOC exceedance: 190 µg/L of 1,2,4-trimethylbenzene at TF3MW-127
- Maximum total VOCs: 659.77 µg/L at TF3MW-127
- Maximum SVOC exceedance: 110 µg/L of naphthalene at TF3MW-127
- Maximum total SVOCs: 412 µg/L at TF3MW-127

December 2002:

Monitoring wells TF3-CE3, TF3MW-21, -116, and -125 contained VOC exceedances. Monitoring wells TF3MW-123, -127, and -128 contained both VOC and minor SVOC exceedances. Monitoring wells TF3MW-2, -25, -117, -124, -126, -129, and -130 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.1 µg/L of isopropylbenzene at TF3-CE3
- Maximum VOC exceedance: 53 µg/L for isopropylbenzene at TF3MW-123 and ethylbenzene at TF3MW-125
- Maximum total VOCs: 182 µg/L at TF3MW-125
- Maximum SVOC exceedance: 2 F µg/L at TF3MW-127 and -128 for benzo(a)anthracene
- Maximum total SVOCs: 27 µg/L at TF3MW-127

March 2003:

Monitoring wells TF3MW-21, -117, -123, -125, -127, and -128 contained only VOC exceedances. No SVOC exceedances were detected, except for naphthalene, also a VOC, at TF3MW-127. Monitoring wells TF3-CE3, TF3MW-2, -25, -116, -117, -124, -126, -129, and -130 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.2 J for n-propylbenzene for TF3MW-21
- Maximum VOC exceedance: 61 M µg/L for ethylbenzene for TF3MW-125
- Maximum total VOCs: 205 µg/L at TF3MW-125

June 2003:

Monitoring wells TF3MW-21, -116, -117, -123, -125, -127, and -128 contained only VOC exceedances. No SVOC exceedances were detected. Monitoring wells TF3-CE3, TF3MW-2, -25, -124, -126, -129, and -130 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.2 J µg/L for n-propylbenzene at TF3MW-21
- Maximum VOC exceedance: 120 µg/L for isopropylbenzene at TF3MW-123
- Maximum total VOCs: 209 µg/L at TF3MW-123

September 2003:

Monitoring wells TF3MW-21, -117, -123, -125, -127, and -128 contained only VOC exceedances. No SVOC exceedances were detected, except for naphthalene, also a VOC, at TF3MW-127. Monitoring wells TF3-CE3, TF3MW-2, -25, -116, -124, -126, -129, and -130 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.2 µg/L for benzene at TF3MW-127 and n-butylbenzene at TF3MW-123
- Maximum VOC exceedance: 130 µg/L for isopropylbenzene at TF3MW-123
- Maximum total VOCs: 245 µg/L for TF3MW-123

In September 2003, monitoring wells TF3MW-25 and -125 were decommissioned due to site construction at the Tank Farms 1 and 3 site. As with previously decommissioned monitoring wells, replacement monitoring wells will be installed following completion of site construction and evaluation of the LTM monitoring well network. In addition, in November 2003, TF3MW-131, -132, and -133 were installed in the central portion of the Tank Farm 1 and 3 site.

December 2003:

Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -123, -125, -127, -128, and -133 contained only VOC exceedances. No SVOC exceedances were detected. Monitoring wells TF3MW-2, -25, -124, -126, -129, -130, -131, and -132 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 2.1 µg/L for benzene at TF3MW-127
- Maximum VOC exceedance: 80 µg/L for 1,2,4-trimethylbenzene at TF3MW-133
- Maximum total VOCs: 230 µg/L for TF3MW-127

March 2004:

Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -123, -125, -127, -128, -129 and -133 contained only VOC exceedances. No SVOC exceedances were detected. Monitoring wells TF3MW-2, -25, -124, -126, -130, -131, and -132 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 2.2 µg/L for benzene at TF3MW-129
- Maximum VOC exceedance: 110 µg/L for isopropylbenzene at TF3MW-123
- Maximum total VOCs: 182 µg/L for TF3MW-123

Following the March 2004 sampling round SVOCs, sulfate and sulfide were no longer sampled for at the Tank Farms 1 & 3 site. In addition, monitoring wells TF3MW-2, -25, -124, -125, -129, and -130 are no longer sampled because previous sampling data showed an absence of contamination.

June 2004:

Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -123, -125, -127, -128, and -133 contained VOC exceedances. Monitoring wells -126, -131, and -132 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 4.2 µg/L for benzene at TF3MW-127
- Maximum VOC exceedance: 85 µg/L for isopropylbenzene at TF3MW-123
- Maximum total VOCs: 230.67 µg/L for TF3MW-127

September 2004:

Replacement monitoring wells TF3MW-119R and TF3MW-121R were installed prior to the September 2004 sampling round. Replacement monitoring well TF3MW-125R could not be installed due to the installation of new site utilities that obstruct the installation of the replacement well. Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -119R, -123, -125, -127, -128, and -133 contained VOC exceedances. Monitoring wells -126, -131, and -132 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 3.3 µg/L for benzene at TF3MW-127
- Maximum VOC exceedance: 120 µg/L for isopropylbenzene at TF3MW-123
- Maximum total VOCs: 225.4 µg/L for TF3MW-123

December 2004:

Monitoring wells TF3-CE3, TF3MW-21, -116, -117, -123, -125, -127, -128, and -133 contained VOC exceedances. Monitoring wells TF3MW-119R, -126, -131, and -132 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.4 µg/L for n-propylbenzene at TF3MW-133
- Maximum VOC exceedance: 70 µg/L for isopropylbenzene at TF3MW-127
- Maximum total VOCs: 162.13 µg/L for TF3MW-127

March 2005:

Monitoring wells TF3-CE3, TF3MW-21, -116, -123, -125, -127, -128, and -133 contained VOC exceedances. Monitoring wells TF3MW-117, -119R, -121R, -126, -131, and -132 showed no exceedances of NYS Groundwater Standards.

- Minimum VOC exceedance: 5.2 µg/L for ethylbenzene at TF3MW-127
- Maximum VOC exceedance: 62 µg/L for isopropylbenzene at TF3MW-125
- Maximum total VOCs: 105.14 µg/L for TF3MW-128

Natural Attenuation
Natural attenuation includes any reduction in concentration as a result of any of the natural attenuation processes, including dilution, dispersion, sorption, volatilization, biodegradation /biotransformation, and abiotic degradation/transformation.

Groundwater samples collected were also analyzed for the following geochemical indicator parameters: alkalinity, dissolved ferrous iron, nitrate, sulfate, and sulfide. These parameters can be used to document if the groundwater conditions support *biological* natural attenuation processes, particularly hydrocarbon biodegradation. These parameters help to identify if groundwater conditions are aerobic or anaerobic, and to indicate if other alternate electron acceptors are available to assist in the biodegradation of remaining COCs.

Microorganisms obtain energy for cell production and maintenance by catalyzing the transfer of electrons from electron donors to electron acceptors. This process results in the oxidation of the electron donor (which, in this case, is benzene, toluene, ethylbenzene and xylene (BTEX)/Total Petroleum Hydrocarbons (TPH), and the reduction of the electron acceptor. In most scenarios, Dissolved Oxygen (DO) is the primary electron acceptor. After DO is consumed, anaerobic microorganisms generally use electron acceptors in the following order of preference – nitrate, ferric iron, sulfate, and carbon dioxide (Wiedemeier et al., November 1995). Anaerobic destruction of BTEX is associated with the reduction of nitrate, solubilization of iron, reduction of sulfate, and production of methane (the latter of which is not included in the list of those

geochemical parameters analyzed). Each of these parameters will be reviewed in the following subsections. Please refer to Table 3-3 for natural attenuation parameter results.

Dissolved Oxygen (DO)

Oxygen is the most thermodynamically preferred electron acceptor and is normally depleted in areas with relatively higher BTEX/TPH concentrations. The Tank Farms site contained data within normal DO ranges but did show lower readings during the June (summer) and September (fall) 2002 sampling rounds at several well locations (TF3-CE3, TF3MW-21, -116, -123, -124, -127, -128, and -129). No correlation could be found between depleted DO levels within plume boundaries or at contaminated monitoring wells. It does appear that DO levels have been rising site wide since LTM began. Please note that DO levels were measured in the field from samples collected with a disposable bailer and do not necessarily represent subsurface conditions.

Nitrate

After the DO has been consumed, nitrate is used as an alternate electron acceptor for anaerobic biodegradation. In this process, nitrate (NO_3^-) is converted to nitrite (NO_2^-); therefore, nitrate depletion relative to background conditions can be an indication of biological activity. Depleted nitrate conditions appear to exist at monitoring wells within most of the designated plume areas. Nitrate levels in three uncontaminated and upgradient/crossgradient monitoring wells (TF3MW-2, -25, -130, -131, and -132) contained positive detections of nitrate generally within the range of 0.8 to 2 mg/L. These monitoring wells also showed no contamination during sample analysis. Monitoring wells within the eastern plume show mostly depleted or undetectable nitrate levels. Downgradient well TF3-CE3 showed some nitrate depletion, with levels between 0.087 and 0.71 mg/L that are higher than the source area but lower than uncontaminated upgradient or crossgradient wells. Downgradient wells TF3MW-116 through -119R and -126 also showed depleted or undetectable nitrate ranges of 0-0.58 mg/L with no or low levels of contamination. In addition, uncontaminated well TF3MW-124 and contaminated wells TF3MW-21, -123, and -125 within the western plume boundary along Brooks Road showed depleted or undetectable levels of nitrate when compared to uncontaminated upgradient wells discussed above. It should be noted that downgradient replacement monitoring well TF3MW-121R showed a positive detection of nitrate at 1.2 mg/L for the September 2004 sampling round. The absence of nitrate in within-plume and downgradient wells suggests biological activity associated with nitrate reduction has consumed the available nitrate in areas affected with relatively higher levels of contamination.

Dissolved Iron

After DO and nitrate have been depleted by microbial activity, ferric iron (Fe^{3+}) is used as an electron acceptor during anaerobic biodegradation of hydrocarbons. Ferric iron is reduced to ferrous iron (Fe^{2+}), which is soluble in groundwater, and is therefore an indicator of microbial degradation activity. The presence of ferrous iron above background levels is indicative of anaerobic consumption of petroleum hydrocarbons via iron reduction. Low dissolved iron levels were identified at upgradient/crossgradient uncontaminated locations TF3MW-2, -25, -129, and -

130, with an approximate range of 0-1.8 mg/L. Monitoring wells within the Building 147 plume (TF3MW-127, -128, and TF3-CE3) as well as downgradient wells TF3MW-116, -117, and -126 contained relatively higher levels (1-6.5 mg/L) of ferrous iron than upgradient, uncontaminated wells described above. The western plume along Brooks Road shows similar results with contaminated wells TF3MW-21, -123, and, -125 showing relatively elevated ferrous iron levels (1.6 – 5.6 mg/L). Crossgradient well TF3MW-124 showed slightly elevated levels 0.2 –3.2 mg/L, while downgradient uncontaminated monitoring wells TF3MW-118, -120, and -121 all showed undetectable ferrous iron levels. Monitoring wells TF3MW-119 and TF3MW-119R, located downgradient of TF3MW-123, did show an elevated level of 2 mg/L during the February 2002 and September 2004 sampling round in addition to minor SVOC contamination for the 2002 sampling round. The presence of ferrous iron above background levels within plume boundaries is indicative of anaerobic degradation of petroleum hydrocarbons in the vicinity of these wells.

Sulfate

Sulfate is the next thermodynamically preferred alternate electron acceptor and is used by microbes once the oxygen, nitrate, and ferric iron have been depleted by the anaerobic biodegradation of hydrocarbons. Sulfate is converted to sulfide in the subsurface during anaerobic biodegradation, often forming hydrogen sulfide gas, which produces a “rotten egg” odor. This process results in a depletion of sulfate and the production of sulfide. Sulfide may not always be detected in groundwater samples, however, because it commonly forms metal sulfide precipitates and falls out of solution. Sulfate levels at upgradient/crossgradient uncontaminated locations TF3MW-2, -25, -129, and -130 did not differ significantly when compared to contaminated, within-plume wells TF3MW-21, -123, -125, -127, and -128. Sulfide was detected during the March 2004 sampling round, but was identified just above the detection limit at wells TF3-CE3, TF3MW-116, -123, -127, -130, -131, -132 and -133. These results indicate that sulfate reduction is not a significant process for the potential anaerobic completion of petroleum hydrocarbons at the site and was not sampled for after the March 2004 sampling round.

Alkalinity

Aerobic biodegradation (during the oxidation of hydrocarbon) uses oxygen to oxidize (destroy) the hydrocarbon and produces carbon dioxide by the process known as mineralization. When carbon dioxide is produced, it increases the alkalinity, or the water’s ability to buffer an acid, and can therefore be an indicator of biological activity. In general, areas contaminated with hydrocarbons exhibit a higher total alkalinity than background areas. Changes in alkalinity are most pronounced during aerobic respiration, denitrification, iron reduction, and sulfate reduction. Generally higher (>200 mg/L) alkalinity levels were measured in downgradient or within-plume wells (TF3-CE3, TF3MW-116, -117, -120, -121, -126, -127, -128, -133) than other wells at the site, with levels generally less than 200 mg/L. It should be noted that alkalinity levels are most likely to be higher in wells downgradient of the plumes; some of the highest levels reported above 300 mg/L were associated with wells TF3CE-3 and TF3MW-116, -117, -126, and -128.

These results are indicative of active (albeit, limited) biodegradation of petroleum hydrocarbons at the site.

pH
Hydrocarbon-degrading microbes are active within a pH range of 5 to 9 standard units (s.u.). There was no clear correlation with pH and contaminant locations. All pH readings are within normal ranges with no discernable trends identified between pH levels and seasonal variations or contaminant levels between wells.

Temperature
Groundwater temperature affects the rate of biodegradation, and for every 10 °C increase in temperature between 5 and 25 °C, biodegradation rates may double. The highest groundwater temperatures were found during the fall and winter sampling rounds and the lowest observed during spring and summer sampling, with temperatures falling within normal variation. The temperature discrepancy may be caused by buried steam heat piping at the site which is active during fall, winter and early spring.

Specific Conductance
Specific conductance is a measure of a groundwater's ability to conduct electricity. As the concentration of ions in solution increases, the specific conductance increases. Specific conductance was found to be highest during the summer and fall (June and September) sampling round and lowest during the winter (December, February) sampling.

Redox (Reduction/Oxidation Potential)
The redox potential of groundwater is a measure of electron activity and is an indicator of the relative tendency of a solution to accept or transfer electrons. The redox potential of groundwater typically ranges from –400 mV to +800 mV. Positive redox values (redox > 0) indicate oxidizing (and generally aerobic) conditions (i.e., loss of electrons) and negative measurement (redox < 0) indicate reducing (and generally anaerobic) conditions (i.e., gain of electrons). Redox conditions are usually mediated by biological activity. Positive redox measurements are generally favorable for hydrocarbon biodegradation. Mostly, there appears to be site-wide negative redox measurements throughout, except for TF3MW-121 (which was decommissioned and replaced by TF3MW-121R), TF3MW-2, -128, -129, -130, -131, and -132 during the past sampling rounds. These measurements are consistent with the observation of ongoing anaerobic processes such as nitrate and iron reduction, therefore the potential for significant biodegradation is severely limited.

3.5 CONCLUSIONS AND RECOMMENDATIONS

The 2002 source removal excavation (Parsons, December 2003) positively affected localized groundwater conditions. Removal of the residual soil contamination continued into the saturated zone where contamination was located and stopped any additional leaching of contamination to

groundwater from the vadose zone. Future sampling rounds will identify and track any further changes in groundwater contamination that was influenced by the excavation.

Monitoring wells TF3MW-123, -125, -127, -128, and -133 appear to be the most contaminated wells, with primarily VOC contamination. Contaminant levels in sampled wells appear to be attenuating, with downgradient locations showing no increases in contamination. Significant SVOC contamination has not been observed since the December 2002 round and SVOC sampling was discontinued after the March 2004 sampling round. Based on the December 2001 through March 2005 quarterly sampling and review of analytical results, a groundwater plume exists as shown on Figure 3-2.

Groundwater contamination data and review of natural attenuation parameters does show definite seasonal fluctuations. In addition to the decline of total VOC levels over time, nitrate depletion, ferrous iron production, and increased alkalinity have provided the best evidence of natural attenuation provided by biodegradation at the site. No definable trends or attenuation mechanisms were identified using sulfate and sulfide levels. Generally, low levels of sulfate indicate that sulfate reduction is not a major anaerobic pathway for the site and were not sampled for after March 2004. In general, biodegradation processes appear to be severely electron acceptor-limited at the site.

Future monitoring rounds will illustrate any future trends that may develop. Recommendations are as follows:

- Addition of electron acceptor by means of ORC® injection is recommended and would likely aid ongoing biodegradation and speed VOC depletion rates. ORC® injection is planned to be performed in Fall 2005.

The original LTM plan is summarized in Table 3-2, and has been optimimized as summarized in Table 3-4. A modified LTM network is listed in Table 3-4 and shown on Figure 3-2.

Table 3-4
Tank Farms 1 & 3 Proposed Future LTM Sampling

Recommended LTM Changes				
Analysis/ Frequency Changes				
Sampling Locations	**Sampling Rationale**	**Target Analytes/ Method Numbers**	**Sampling Frequency**	**Evaluation Criteria/ Modification Justification**
TF3-CE3 TF3MW-21 TF3MW-116 TF3MW-117 TF3MW-119R TF3MW-121R TF3MW-123 TF3MW-126 TF3MW-127 TF3MW-128 TF3MW-133	Within plume Within plume Within plume Crossgradient of plume Downgradient of plume Downgradient of plume Within plume Within plume Within plume Within plume Within plume	VOCs (AFCEE QAPP 3.1 List)/SW8260	Annually	Perform ORC® injections at grid locations near contaminated monitoring wells in lieu of groundwater monitoring for 3 quarters. Monitor groundwater at monitoring wells identified in Table 3-4 in the 4th quarter (Spring round). Assessment and recommendation will be made on an annual basis for either continued monitoring or spill closure.
Removed Sampling Locations				
TF3MW-131 TF3MW-132	Upgradient of plume Upgradient of plume			Previous quarterly LTM samples indicate that no contamination is present and additional groundwater sampling is not needed.
Historical LTM Network Changes				
February 2005 Removed Sampling Locations				
TF3MW-124 TF3MW-129 TF3MW-130	Crossgradient of plume Upgradient of plume Upgradient of plume			Previous quarterly LTM samples indicate that no contamination is present and additional groundwater sampling is not needed.

Table 3-4 (continued)
Tank Farms 1 & 3 Proposed Future LTM Sampling

June 2004				
Added Sampling Locations				
TF3MW-119R TF3MW-121R	Downgradient of plume Downgradient of plume	VOCs and SVOCs(AFCEE QAPP 3.1 List)/SW8260 and SW8270	Quarterly	Quarterly monitoring with semi-annual evaluation and recommendations. SVOC analysis was added due to previous identification of SVOC contamination. Monitoring well locations were replacements for previous well locations.
Removed Sampling Locations				
TF3MW-118 TF3MW-119 TF3MW-120 TF3MW-121	Downgradient of plume Downgradient of plume Downgradient of plume Downgradient of plume	VOCs (AFCEE QAPP 3.1 List)/SW8260	Quarterly	Decomissioned March 2002 due to site construction.
TF3MW-1 TF3MW-25 TF3MW-125	Within plume Crossgradient of plume Within plume	VOCs (AFCEE QAPP 3.1 List)/SW8260	Quarterly	Destroyed 2003 due to site construction.

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4 SITE T-9 AOC (IRP SITE SS-25, NYSDEC Spill #9702173)

The closure of NYSDEC Spill #9702173 was recommended in the July 2004 semi-annual report and was accepted by the NYSDEC in a letter dated September 24, 2004.

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5 BUILDING 43 SRA (IRP SITE ST-26, NYSDEC Spill #9204543 and #9313076)

5.1 SITE LOCATION AND HISTORY

The Building 43 SRA is located adjacent to the T-9 Site and was used as a Base gas station. Five 10,000-gallon USTs [USTs 43-1 through -5] (installed in 1985) holding diesel and gasoline were located in a grassy area on the northeast side of the gas station. Two additional USTs (43-6 and -7) at the site were used to store and dispense deicing liquid (these USTs are still located on the site). The gas station was used until 1998 and USTs 43-1 through -5 were removed in 2000.

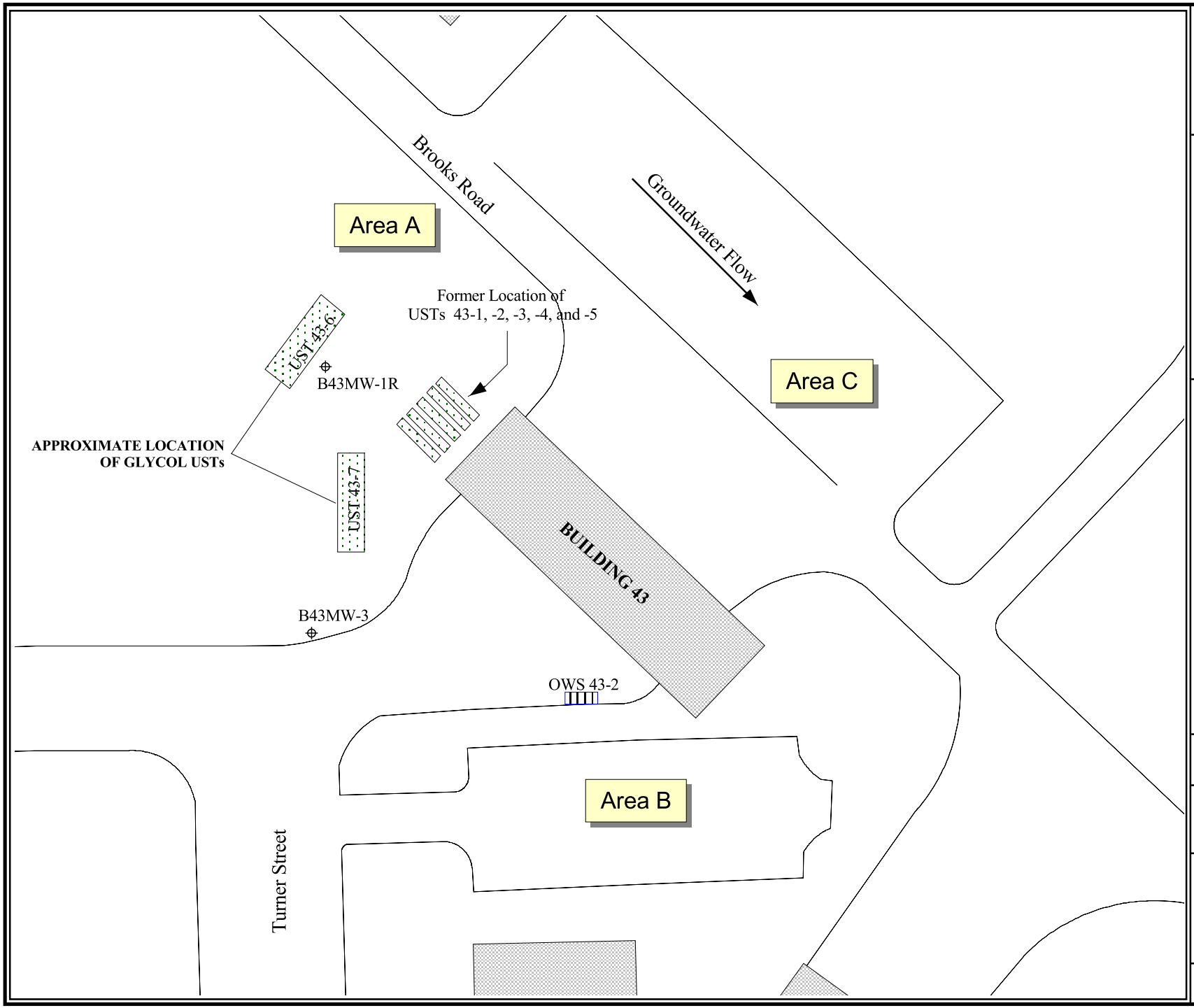
Records indicate several spills associated with the Building 43 SRA. Currently only two spill numbers (9204543 [associated with USTs 43-1,-2,-3,-4, and -5] and 9313076 [associated with OWS 43-1]) are open with the NYSDEC. The site was classified as an SRA in the 1992 Federal Facility Agreement (FFA) for Griffiss AFB.

Oil Water Separator (OWS)/UST-43 was used to collect and treat surface runoff from the gas station. The OWS was located 50 feet west of Building 43. The 1,000-gallon UST was placed on the north side of the separator unit. In November 2000, the OWS unit and petroleum storage tank were taken out of service and replaced with the existing OWS 43-2 in June 2001.

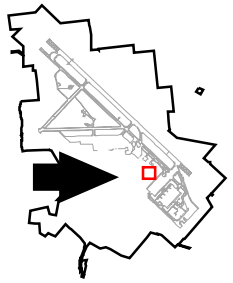
5.2 DESCRIPTION OF PREVIOUS SAMPLING AND INVESTIGATIONS

Storm events in the 1990s caused the OWS at the site to overflow and the discharge flowed south to a ditch east of Turner Street. Soil sampling was performed in the ditch and no petroleum contamination was found (LAW, February 1995). Groundwater was sampled from three monitoring wells (B43MW-1, -2, and -3). Samples from monitoring well B43MW-2 indicated VOC and SVOC detections above the NYS Groundwater Standards.

In 1997, PEER performed soil gas testing as part of their site investigation at the Building 43 AOC. One location (north of the gas station) of the 33 locations tested using the soil gas method indicated a concentration of toluene at 15 ppb. Fourteen temporary piezometers were installed by PEER for groundwater sampling. Geoprobe® testing was used for additional soil sampling. Groundwater was collected from the 14 piezometers and B43MW-2. Ten VOCs and one SVOC were detected in exceedance of the NYS Groundwater Standards at B43MW-2. Fifty-four soil samples were collected from 26 Geoprobe® locations; one sample was collected from 2 to 6 ft bgs and one from 6 to 10 ft bgs. The results indicated soil contamination surrounded the Building 43 AOC. Therefore, the site was divided into Area A, B, and C (Figure 5-1). Area A is from Brooks Road northwest of Building 43 and south to Turner Street. Area B is from Turner Street south of Building 43 to the northeast corner of the building. Area C is the area northeast of Building 43 and across Brooks Road.



N



Legend

- Monitoring Well
- Road
- Existing Building
- Demolished Building
- UST
- OWS

20 0 20 40 Feet

UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME, NEW YORK

Figure 5-1
Building 43
Site Location Map

- Area A soil sampling showed one SVOC detection above NYSDEC STARS Guidance Values.
- Area B soil sampling indicated four SVOC detections above STARS Guidance Values.
- Area C soil sampling resulted in 11 locations with SVOC and three locations with VOC detections above STARS Guidance Values.

A removal action of the USTs started in September 2000. 1,500 gallons of petroleum/water was removed from the tanks and transported to Industrial Oil Tank Service Corporation, Oriskany, NY, for recycling. Once the USTs were free of hazardous liquids, they were removed and disposed of off-site. The soil was monitored using a photoionization detector (PID) during the tank removal. Contaminated soils were transported to the Apron 1 landfarm. Overexcavation was performed to remove the contaminated soil. Once the USTs were removed and the initial overexcavation was complete, composite soil samples were collected from the sidewalls and the bottom of the excavation pit and analyzed for VOCs and SVOCs in Area A (the area in which tanks were buried).

VOCs exceeding STARS Guidance Values were detected in two southwall samples and one bottom sample. Also, one SVOC, naphthalene, was detected above its STARS Guidance Value, in one sidewall sample.

Overexcavation of Area A was conducted in October 2000. The soil was retested and VOC contamination still existed on the south sidewall and continued overexcavation was necessary, which was accomplished on October 10, 2000. A total of 199 cubic yards of contaminated soil was excavated and transported to the Alert Apron Landfarm during two rounds of overexcavation. Testing was performed once the second overexcavation was completed and results confirmed that Area A was successfully remediated. The site was restored using 362 cubic yards of cobbles up to the top of the water table and 1,785 cubic yards of bioremediated soil from the water table to ground surface. About 152 tons of topsoil were placed, compacted, graded and seeded. The gravel road that traversed the site was restored by placing and compacting 12 cubic yards of crushed stone. Also, a fill pipe associated with UST 043-6, one of the glycol tanks, was restored.

Soil excavation was initiated on October 12, 2000 in Area B (south of Building 43) and continued until October 25, 2000. A PID was used to monitor the quality of the soil. The contaminated soil was transported directly to the Alert Apron Landfarm. As soil removal continued, composite samples were collected from the walls and floor of the excavation and analyzed for the VOCs and SVOCs. Twelve samples were collected on October 16 and 17, 2000 and eight more samples were collected on October 23, 2000. The analytical results of the initial round of Area B soil sampling found that the excavation's north, south and bottom samples indicated SVOC exceedances. To address the SVOC contamination, further overexcavation was conducted. Overexcavation soil samples were collected and analyzed for VOCs and SVOCs. The results were compared to TAGM 4046 Recommended Soil Cleanup Objectives (RSCOs).

SVOC exceedances were reported at three sample locations, further overexcavation was performed, and the contaminated soil was removed to the Alert Apron Landfarm. Between October 25 and 31, 2000, Area B excavation was backfilled to existing grade using approximately 755 cubic yards of bioremediated soil.

In November 2000, the associated OWS was removed. Two soil samples were collected from the OWS/UST excavation at 1 ft and 8 ft bgs and analyzed for VOCs, SVOCs, polychlorinated biphenyls (PCBs), and Target Analyte List (TAL) metals. Results indicated toluene, barium, calcium, and lead in exceedance at the shallow sample. 218 cubic yards of contaminated soil were removed from the site and transported to the Alert Apron Landfarm. Additionally, 65 cubic yards of clean rubble and 30 cubic yards of contaminated rubble were removed from the site, staged temporarily at the Alert Apron, and subsequently disposed of off-site. Monitoring well B43MW-2 was removed to facilitate removal of contaminated soil in the excavated pit. Ten composite soil samples were collected from the excavation pit on November 16, 2000; seven samples from the sidewalls and three samples were collected from the bottom of the excavation pit. Results indicated 22 VOC exceedances in the bottom and four in the sidewalls of the excavation pit. These contaminated areas were overexcavated in December 2000. The soil was moved to the Alert Apron Landfarm and additional soil sampling was performed with the collection of two more composite samples. Results indicated only one SVOC detection exceeding its respective STARS Guidance Value.

Restoration of the OWS pit began with the installation of a new OWS (OWS 43-2). The rest of the pit was backfilled with cobble, crushed stone, and sand.

Between June 10 and 18, 2001, isolated locations within Area B suspected of being contaminated were remediated. On June 11, 2001, three test pits were excavated at locations adjacent to the newly installed OWS to reestablish the edges of contaminated soil identified during the 2000 remedial activities. Excavated material from the test pits was transported to the Alert Apron landfarm for bioremediation. Confirmatory sampling was performed at all three test pits by collecting one bottom and one sidewall sample per test pit. At one sample location, several VOCs were detected, but at concentrations well below the TAGM 4046 RSCOs. Two locations indicated SVOC exceedances. Based on analytical results from the test pit samples and field observations during removal of the OWS unit in 2000, exploratory excavations were conducted.

On June 13, 2001, two 4-inch fiberglass fuel lines (supply and return) were encountered about 4 ft bgs running parallel to the south edge of the canopy. Strong petroleum odors were noted during the excavation of the trench. Approximately 55 cubic yards of rubble, including asphalt, were excavated from the soil, staged at the Alert Apron Landfarm, and subsequently disposed of off-site. The fuel lines were also removed, staged and later disposed of off-site as rubble. About 447 cubic yards of contaminated soil were taken to the Apron 1 Landfarm and stockpiled for bioremediation. The excavation extended west until clean fill at Area A was encountered, east to the northeast corner of the canopy (Test Pit 1), south to the OWS excavation clean fill, and north

to as close to the canopy as possible without undermining the stability of the building. Fuel lines were cut and capped at the edge of the canopy.

On June 18, 2001, four composite soil samples were collected from the eastern side of the excavation and analyzed for VOCs and SVOCs. These sampling locations were selected as clean fill was encountered in the other areas of the excavation. Results indicated no VOC or SVOC detections exceeding their respective TAGM 4046 Guidance Values.

During this final round of remedial activities, approximately 282 c.y. of additional contaminated soil excavated from the Building 43 SRA were transported to the Alert Apron Landfarm. 53 cubic yards of clean rubble/asphalt were generated, staged temporarily at the Alert Apron staging area, and subsequently disposed of off-site. Restoration of the Building 43 Site was partially completed in December 2000. During the months of June and July 2001, final restoration was completed. During that period, excavated areas were backfilled with 123 cubic yards of bioremediated soil and compacted. 40 tons of crushed stone were placed as sub-base in the excavation adjacent to Building 43 and a top slab was poured. Six cubic yards of 4,000-psi concrete was placed at the site and finished. Asphalt (190 tons) was placed at other areas of the site. About 43 tons of topsoil were spread at areas requiring seeding and graded. Final restoration was completed by the application of grass seed followed by mulch.

Monitoring wells B43MW-4, -5, -6, -7, -8, and -9 were installed by FPM in November 2003 (well installation logs are included in Appendix B). Soils were screened at 2-foot intervals. At the installation point for B43MW-9, a PID reading of 280 parts per million (ppm) was detected at the 4- to 6-foot interval, and soil was characterized as being grey to brown silt with an observable sheen. PID readings decreased from 140 ppm at 10- ft bgs to 10 ppm at 16-ft bgs. A soil sample B43S0904AA was collected from the 4-6 ft interval; Table 5-1 summarizes the analytical results. Delineation of the encountered soil contamination is planned.

5.3 LTM PLAN

Long-term monitoring is performed to assess the groundwater contamination at the area downgradient of Building 43 and Area C. The sampling locations consist of eight monitoring wells (B43MW-1R, -3, -4, -5, -6, -7, -8, and -9, shown in Figure 5-2). Sampling was conducted for four rounds on a quarterly basis in November 2003, March, July, and September 2004. Table 5-2 summarizes the LTM sampling and analysis plan.

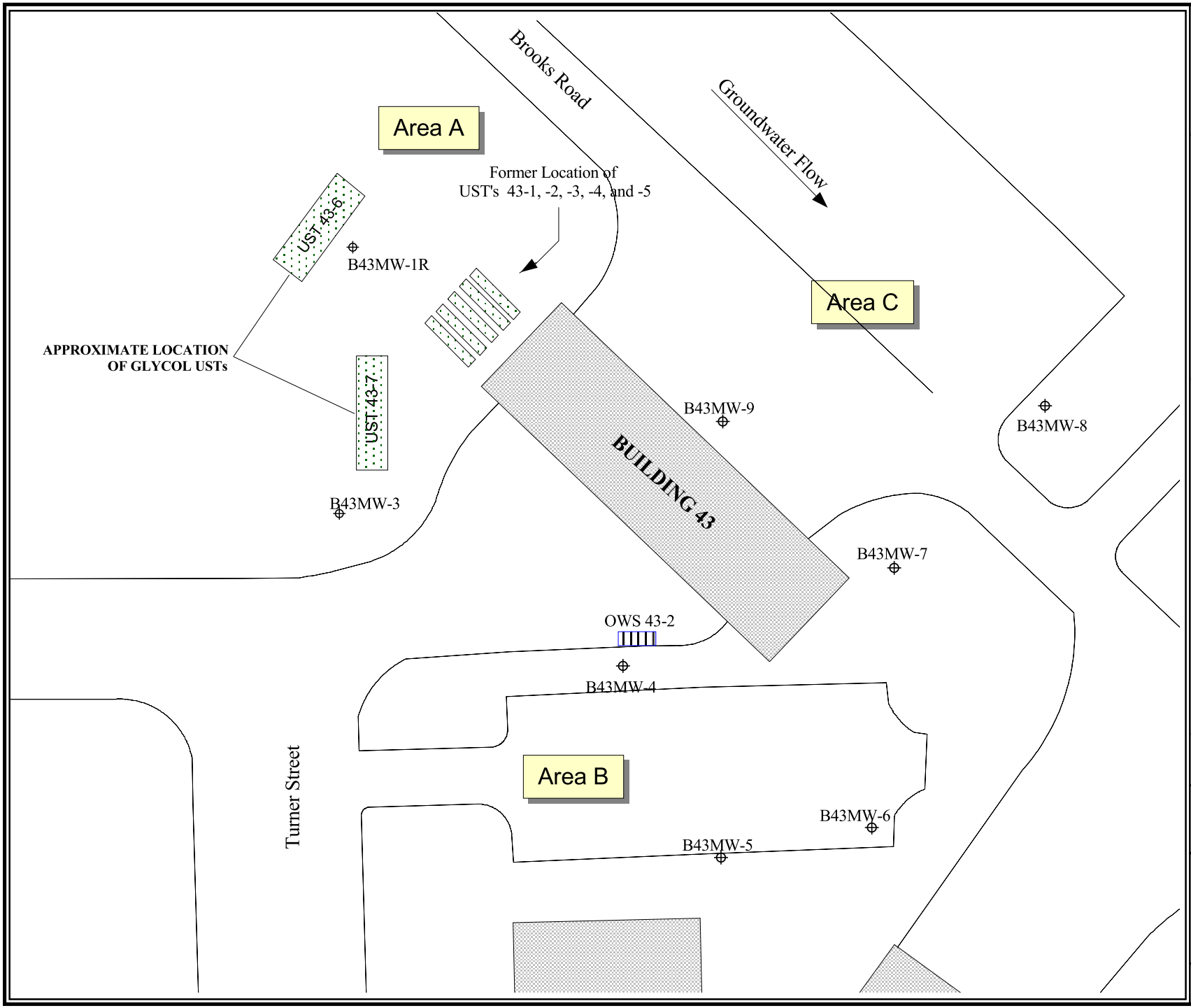
The objectives of the Building 43 LTM Program include the following:

- Monitor the presence of petroleum contamination within and downgradient of the site; and
- Characterize contamination and delineate localized groundwater flow.

Table 5-1
Building 43 Detected Soil Analytical Results (November 2003)

Monitoring Well ID	TAGM 4046 RSCOs (ppb)	B43MW-9
Sample ID		**B43S0904AA**
Date of Collection		**Nov-03**
Sample Depth (ft)		**4-6**
VOCs (µg/Kg)		
1,3,5-trimethylbenzene	3,300	58,000
1,2,4-trimethylbenzene	10,000	180,000
benzene	60	7,800
ethylbenzene	5,500	58,000
isopropylbenzene	2,300	8,100
m,p-xylene	1,200	240,000
n-butylbenzene	10,000	10,000
n-propylbenzene	3,700	26,000
naphthalene	13,000	28,000
o-xylene	1,200	100,000
p-isopropyltoluene		1,800
toluene	1,200	110,000
SVOCs (µg/Kg)		
acenaphthene	50,000	480 F
anthracene	41,000	920
benzo(a)anthracene	224	1,600
benzo(a)pyrene	61	1,400
benzo(k)fluoranthene	1,100	1,000
benzo(b)fluoranthene	1,100	1,200
benzo(g,h,i)perylene	50,000	880
chrysene	400	1,500
dibenz(a,h)anthracene	14	380 F
dibenzofuran	6,200	260 F
fluoranthene	50,000	3,400
fluorene	50,000	600 F
indeno(1,2,3-c,d)pyrene	3,200	700
naphthalene	13,000	910
phenanthrene	50,000	3,000
pyrene	30	3,200

Notes:
F - the analyte was detected above the MDL, but below the RL.
- Exceedance of TAGM RSCOs



N

Legend

- Monitoring Well Location
- Road
- Existing Building
- Existing Building
- UST
- OWS

20 0 20 40 Feet

UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME, NEW YORK

Figure 5-2
Building 43
Site Location Map

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Table 5-2
Building 43 SRA Proposed Future LTM Sampling

Sampling Locations	Sampling Rationale	Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
B43MW-1R B43MW-3 B43MW-4 B43MW-5 B43MW-6 B43MW-7 B43MW-8 B43MW-9	Upgradient of UST 43 -1 through -5 Upgradient of OWS 43-2 Downgradient of OWS 43-2 Downgradient of Area A and B Downgradient of Area A and B Downgradient of Area A and B Downgradient of Area C Within VOC contaminated area	VOCs (Target COCs[1]) /SW8260 SVOCs (AFCEE QAPP 3.1 List) /SW8270	Quarterly	No additional sampling recommended. Spill closure is recommended.

[1] Target COCs: The union of AFCEE QAPP 3.1 list and the USEPA Target Compound List (includes all STARS VOC compounds).

All specified sampling locations were tested for VOCs using USEPA Method SW8260 (Full List) and SVOCs using USEPA Method SW8270 (Full List). One well was placed in (B43MW-9) and two wells were placed downgradient (B43MW-7 and -8) of Area C. Since groundwater contamination was found in Area B, one well was placed in (B43MW-4) and two wells are placed downgradient (B43MW-5 and -6) of the Area. For details regarding the sampling analysis and field activity procedures, refer to the FSP.

The determination of residual groundwater contamination and requirements for continued monitoring will be based on comparisons of the sample analytical data to the applicable regulatory criteria and guidelines. The criteria and guidelines applicable to the Building 43 AOC are the NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998.

5.4 RESULTS

Monitoring wells B43MW-1R and -3 were sampled along with newly installed wells B43MW-4, -5, -6, -7, -8, and -9 in November 2003, March, July, and September 2004. Table 5-3 shows detected analytical results.

November 2003:

- No VOC or SVOC exceedances of the NYS Groundwater Standards were encountered in any of the monitoring wells sampled.

March 2004:

- No VOC or SVOC exceedances of the NYS Groundwater Standards were encountered in any of the monitoring wells sampled.

July 2004:

- No VOC or SVOC exceedances of the NYS Groundwater Standards were encountered in any of the monitoring wells sampled.

September 2004:

- No VOC or SVOC exceedances of the NYS Groundwater Standards were encountered in any of the monitoring wells sampled.

Table 5-3
Building 43 AOC Detected Analytical Results

Sample Location	**NYS**	**B43MW-1R**				**B43MW-3**			
Sample ID	**Groundwater**	**B43M01R13EB**	**B43M01R13FB**	**B43301R13GB**	**B43M01R13HB**	**B43M0312EB**	**B43M0313FB**	**B43M0312GB**	**B43M0312HB**
Date of Collection	**Standards**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**
Depth to top of Groundwater	**(µg/L)**	**13**	**13**	**13**	**13**	**12**	**13**	**12**	**12**
VOCs (µg/L)									
1,1,1-Trichloroethane	5	U	U	U	U	U	U	U	0.24 F
1,1- dichloroethane	5	U	U	U	U	0.22 F	U	U	U
acetone	50	U	U	U	2.1 F	3.1 F	3.2 F	1.6 F	2.1 F
benzene	1	U	U	U	U	U	U	U	U
carbon disulfide		U	U	U	U	U	U	U	U
chloroform	7	U	U	U	U	U	U	U	U
Hexachlorobutadiene	0.5*	U	U	U	U	U	U	U	0.32 F
tert-butyl methyl ether	5	U	U	U	U	U	U	U	U
naphthalene	10	U	U	U	U	U	U	U	U
trichlorofluoromethane	5	U	U	U	U	U	U	U	U
SVOCs (µg/L)									
phenanthrene	50	U	U	U	U	U	U	U	U

Notes:

F = The analyte was detected above the MDL, but below the RL.

U = The analyte was not detected. The associated numerical value is at or below the method detection limit.

▭ = Exceedance of NYS Groundwater Standards.

Table 5-3
Building 43 AOC Detected Analytical Results

Sample Location	**NYS**	**B43MW-4**				**B43MW-5**			
Sample ID	**Groundwater**	**B43M0414AA**	**B43M0413BA**	**B43M0414GA**	**B43M0414HA**	**B43M0514AA**	**B43M0514BA**	**B43M0514GA**	**B43M0514GA**
Date of Collection	**Standards**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**
Depth to top of Groundwater	**(µg/L)**	**14**	**13**	**12**	**14**	**14**	**14**	**14**	**14**
VOCs (µg/L)									
1,1,1-Trichloroethane	5	U	U	U	U	U	U	U	U
1,1- dichloroethane	5	U	U	U	U	U	0.38 F	0.54 F	0.59 F
acetone	50	U	U	U	U	U	U	U	U
benzene	1	U	U	U	U	U	U	U	U
carbon disulfide		U	U	0.24 F ♦	U	U	U	U	U
chloroform	7	U	U	U	U	U	U	U	U
Hexachlorobutadiene	0.5*	U	U		U	U	U	U	0.32 F
tert-butyl methyl ether	5	U	U	U	U	U	U	U	U
naphthalene	10	U	U	U	U	U	U	U	U
trichlorofluoromethane	5	0.52	U	0.22 F	0.5 F ♦	U	U	U	U
SVOCs (µg/L)									
phenanthrene	50	U	U	U	U	U	U	U	U

Notes:

F = The analyte was detected above the MDL, but below the RL.

U = The analyte was not detected. The associated numerical value is at or below the method detection limit.

▭ = Exceedance of NYS Groundwater Standards.

♦ = Higher Numerical value taken from the sample duplicate

Table 5-3
Building 43 AOC Detected Analytical Results

Sample Location	**NYS**	**B43MW-6**				**B43MW-7**			
Sample ID	**Groundwater**	**B43M0614AA**	**B43M0614BA**	**B43M0614GA**	**B43M0614HA**	**B43M0715AA**	**B43M0714BA**	**B43M0715GA**	**B43M0715HA**
Date of Collection	**Standards**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**
Depth to top of Groundwa	**(µg/L)**	**14**	**14**	**14**	**14**	**15**	**14**	**15**	**15**
VOCs (µg/L)									
1,1,1-Trichloroethane	5	U	U	U	U	U	U	U	U
1,1- dichloroethane	5	0.48 F	U	U	U	U	U	U	U
acetone	50	U	U	1.7 F	U	U	U	2 F	U
benzene	1	U	U	U	U	U	U	U	U
carbon disulfide		U	U	U	U	U	U	U	U
chloroform	7	U	U	U	U	0.55	U	U	U
Hexachlorobutadiene	0.5*	U	U		U	U	U	U	U
tert-butyl methyl ether	5	U	U	U	U	U	U	U	U
naphthalene	10	U	U	U	U	U	U	U	U
trichlorofluoromethane	5	U	U	U	U	U	U	U	U
SVOCs (µg/L)									
phenanthrene	50	U	U	U	U	U	U	U	U

Notes:

F = The analyte was detected above the MDL, but below the RL.

U = The analyte was not detected. The associated numerical value is at or below the method detection limit.

▭ = Exceedance of NYS Groundwater Standards.

Table 5-3
Building 43 AOC Detected Analytical Results

Sample Location	**NYS**	**B43MW-8**				**B43MW-9**			
Sample ID	**Groundwater**	**B43M0813AA**	**B43M0813BA**	**B43M0813GA**	**B43M0813HA**	**B43M0912AA**	**B43M0912BA**	**B43M0912GA**	**B43M0912HA**
Date of Collection	**Standards**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**	**11/17/2003**	**3/10/2004**	**7/6/2004**	**9/29/2004**
Depth to top of Groundwa	**(µg/L)**	**13**	**13**	**13**	**13**	**12**	**12**	**12**	**12**
VOCs (µg/L)									
1,1,1-Trichloroethane	5	U	U	U	U	U	U	U	U
1,1- dichloroethane	5	U	U	U	U	U	U	U	U
acetone	50	U	U	U	2.3	U	U	2.2 F	U
benzene	1	U	U	U	U	0.22 F	U	U	U
carbon disulfide		U	U	U	U	0.33 F	0.78 ♦	0.2 F	U
chloroform	7	0.45 F	U	U	U	U	U	U	U
Hexachlorobutadiene	0.5*	U	U		U	U	U	U	U
tert-butyl methyl ether	5	U	U	U	U	0.66 F ♦	U	U	U
naphthalene	10	2.5	U	U	U	U	U	U	U
trichlorofluoromethane	5	U	U	U	U	0.22 F	U	U	U
SVOCs (µg/L)									
phenanthrene	50	U	3 F	U	U	U	U	U	U

Notes:

F = The analyte was detected above the MDL, but below the RL.

U = The analyte was not detected. The associated numerical value is at or below the method detection limit.

▭ = Exceedance of NYS Groundwater Standards.

♦ = Higher numerical value was taken from the sample duplicate.

5.5 SOURCE REMOVAL

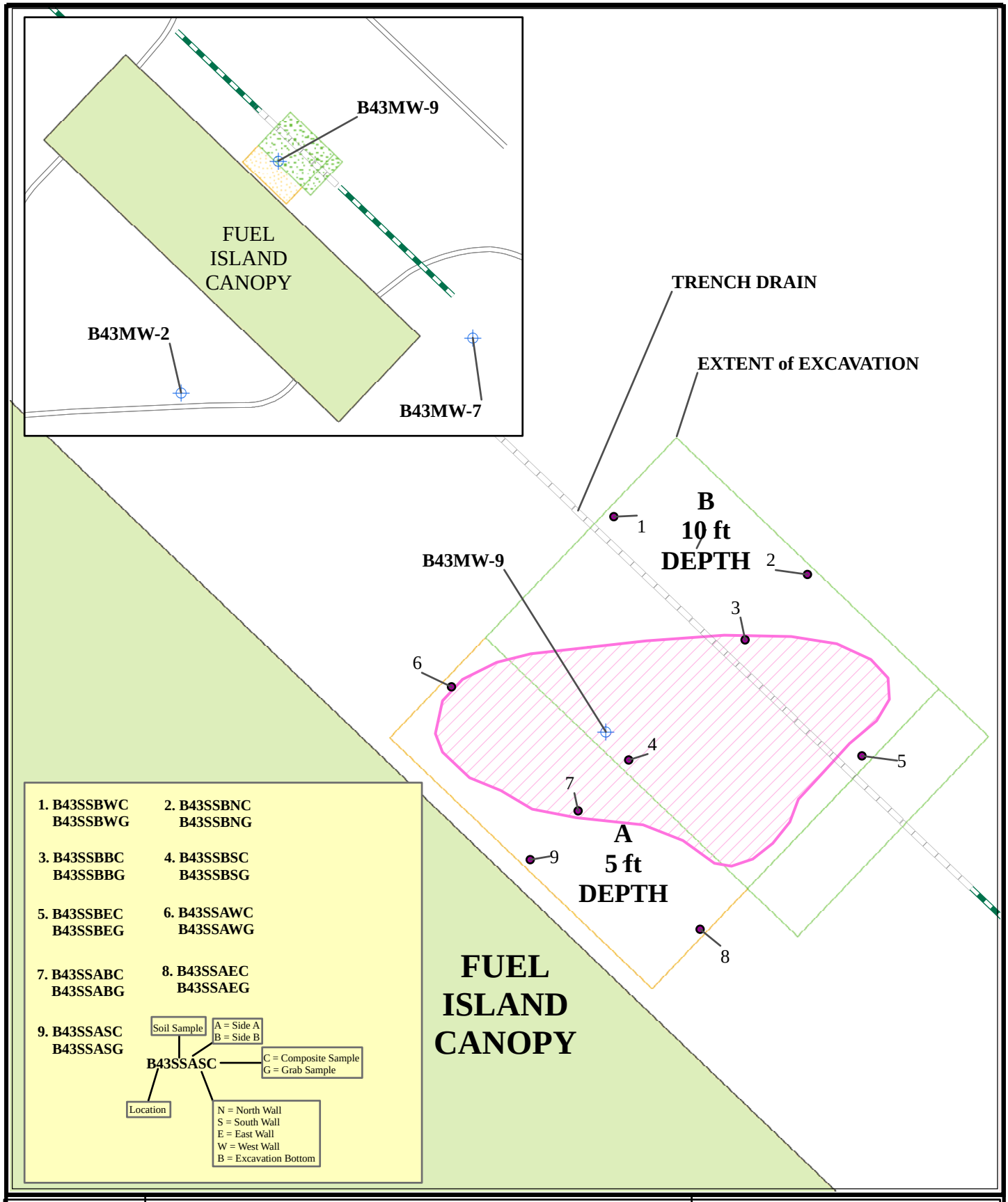
In June of 2005 investigatory test pitting took place at the B43MW-9 location that exhibited perched contamination during well installation, and showed no contamination from the saturated zone during LTM groundwater sampling. B43MW-9 was decommissioned by FPM just prior to excavation.

Test pitting was started at the former B43MW-9 location. The excavation continued southwest toward the pump island and fueling apron, then north and east under the trench drain area. During excavation, contamination was identified surrounding the former B43MW-9 location but appeared to be confined by lithology. Contamination was followed and excavated northerly and easterly from former B43MW-9 and was mostly limited to a layer near the well location that was approximately 5 feet thick. Additional contamination was identified surrounding B43MW-9 and was approximately 25x10 feet across and mostly confined to a thin layer. The contamination has appeared to travel by preferential pathway through one foot thick sandy layer with little silt at approximately 5 feet bgs. The area east of B43MW-9 location that was beneath the trench drain appeared to be the source area and contained contamination that was 6 feet thick beneath the trench drain and below the elbows for fuel piping to the center pump island. No staining was identified beneath the fuel supply lines until the elbows were excavated and found to be encased in a 8x6x2 block of concrete that appeared to be poured during the installation of the fuel lines. The trench drain was excavated and removed to provide better access for soil removal. The B43MW-9 location was excavated further and the original ground surface was discovered approximately 6 feet bgs, indicated by buried grass and a partially complete barbed-wire fence. It was observed that most of the soil within the excavation area was sand fill, down to approximately 6 feet bgs, where indigenous surface soils appear to contain more silt and clay. Soil excavation was continued beneath the trench drain area until soil screening (PID, staining, petroleum odor) indicated that no contamination remained. The excavation consisted of two different depths. The south area (Area A) of the excavation was approximately five feet deep and the north area (Area B) was approximately ten feet deep. Composite and grab soil samples were collected from the northern wall of side B the southern, eastern and western walls and bottom of the excavation at both areas. Figure 5-3 shows excavation areas and endpoint sample locations. Soil disposal documentation is provided in Appendix A.

5.5.1 Soil Sampling

The location and number of endpoint soil samples were completed in accordance with NYSDEC Spill Technology and Remediation Series (STARS) document, and Technical and Administrative Guidance Memorandum (TAGM) 4046.

Composite and grab endpoint samples were collected at each sidewall and bottom of the excavation to confirm the effectiveness of the removal action. Additional soil grab samples were



Site Location

Key to Features

- SAMPLE POINTS
- WELLS
- CONTAMINATED SOIL OBSERVED DURING EXCAVATION
- FALICITIES

EXCAVATION
- A - 5 ft DEPTH
- B - 10 ft DEPTH

TRENCH DRAIN
- INTACT
- EXCAVATED/REPLACED

FIGURE 5-3
EXCAVATION and END POINT SAMPLES

N

0 2 4 8 Feet

UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME,NEW YORK

08/30/2005

FPM group

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collected from the excavation at locations to confirm that all contamination was removed where field screening (odor, staining, PID) indicated contamination was present and overexcavation occurred to remove residuals. Grab samples collected are used to confirm composite soil sample results. The wall grab and composite samples were taken approximately three feet from the excavation bottom which is approximately one third distance from the excavation floor to ground surface.

The sample identification numbering system for the former Griffiss AFB samples is summarized as follows:

Individual samples were identified by a unique alphanumeric code. Normal field samples (non-quality control) were numbered according to the following convention:

B43	=	Building 43 SRA (3 digit alpha-numeric)
SS	=	the sample matrix, Soil (SS)
A	=	Excavation A or B
S	=	the sample location, South wall (S), North (N), East (E), West (W), and Bottom (B)
C	=	the sample type, Composite (C) or Grab (G)

For example, **B43SSASC** is a composite soil sample from the Building 43SRA, excavation A south wall.

One of the eighteen soil samples (B43SSBSG) showed an MTBE exceedance. The grab sample is located at the south wall of side B (shown on Figure 5-3). The MTBE exceedance (200 ppb) is within the same order of magnitude of RSCOs (120 ppb). The composite sample from the south wall, side B also showed a MTBE detection (19 ppb), however the concentration is well below RSCOs. All excavation endpoint soil sampling data is included in Table 5-4.

5.6 CONCLUSIONS AND RECOMMENDATIONS

During well installation, VOC soil contamination was reported in the vadose zone at B43MW-9 at a depth from 4 to 6 ft bgs; however, groundwater sampling results indicated minimal VOC detections at a depth of 12 ft bgs. All monitoring wells at the site were sampled for four sampling rounds and confirmed the absence of groundwater contamination at levels above NYS groundwater standards.

Following the identification of contamination at the former B43MW-9 location, investigatory test pitting revealed that the contamination was localized and appeared to be emanating from beneath the trench drain area. All contamination was excavated and disposed of. Endpoint samples were taken following excavation to confirm that no contamination remained.
LTM groundwater data has contained no exceedances. As a result, FPM recommends that NYSDEC Spill number 9204543 be closed.

Table 5-4
Excavation Endpoint Sampling Results

Sampling ID	TAGM 4046 RSCOs (ppb)	B43SSABC	B43SSABG	B43SSAEC	B43SSAEG	B43SSASC	B43SSASG	B43SSAWC	B43SSAWG	B43SSBBC	B43SSBBG
Date of Collection		6/28/2005	6/28/2005	6/28/2005	6/28/2005	6/28/2005	6/28/2005	6/28/2005	6/28/2005	6/28/2005	6/28/2005
VOCs (µg/Kg)											
1,3,5-trimethylbenzene	3,300	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	10,000	U	U	U	U	U	U	U	U	U	U
acetone	11,000	5 F	4.1 F	3.8 F	3.7 F	36 F	U	4.4 F	U	6.6 F	4.3 F
benzene	60	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5,500	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	2,300	U	U	U	U	U	U	U	U	U	U
m,p-xylene	1,200	U	U	U	U	U	U	U	U	U	U
MTBE	120	U	U	U	U	U	U	U	U	1.5 F	1.2 F
n-butylbenzene	10,000	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	3,700	U	U	U	U	U	U	U	U	U	U
naphthalene	13,000	U	U	U	U	U	U	U	U	U	U
o-xylene	1,200	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	10,000	U	U	U	U	U	U	U	U	U	U
t-butylbenzene	10,000	U	U	U	U	U	U	U	U	11	U
toluene	1,500	U	U	U	U	U	U	U	U	U	U

Notes:
F - Ananlyte was positively identified but the associated numerical value is below the reporting limit
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 5-4
Excavation Endpoint Sampling Results

Sampling ID	TAGM 4046 RSCOs (ppb)	B43SSBEC	B43SSBEG	B43SSBNC	B43SSBNG	B43SSBSC	B43SSBSG	B43SSBWG	B43SSBWG
Date of Collection		**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/28/2005**
VOCs (µg/Kg)									
1,3,5-trimethylbenzene	3,300	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	10,000	U	U	U	U	U	U	U	U
acetone	11,000	6.9 F	U	U	U	U	9.3 F	6.0 F	12 F
benzene	60	U	U	U	U	U	U	U	U
ethylbenzene	5,500	U	U	U	U	U	U	U	U
isopropylbenzene	2,300	U	U	U	U	U	U	U	U
m,p-xylene	1,200	U	U	U	U	U	U	U	U
MTBE	120	2.4 F	U	U	U	19	200	U	U
n-butylbenzene	10,000	U	U	U	U	U	U	U	U
n-propylbenzene	3,700	U	U	U	U	U	U	U	U
naphthalene	13,000	U	U	U	U	U	U	U	U
o-xylene	1,200	U	U	U	U	U	U	U	U
p-isopropyltoluene	10,000	U	U	U	U	U	U	U	U
t-butylbenzene	10,000	U	U	U	U	U	U	U	U
toluene	1,500	U	U	U	U	U	U	U	U

Notes:
F - Ananlyte was positively identified but the associated numerical value is below the reporting limit
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
▭ - The analyte was identified above NYDEC TAGMS 4046 RSCO.

6 BUILDING 110 SRA (IRP SITE ST-36, NYSDEC SPILL #8603763)

The closure of NYSDEC Spill # 8603763 was recommended in the draft semi-annual report (FPM, July 2004). Spill closure was accepted on September 29, 2004.

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7 PUMPHOUSE 5 SRA, BUILDING 771 (IRP SITE ST-37, NYSDEC Spill #8903144)

Six consecutive sampling rounds (ending in March 2004) have been performed confirming the absence of contamination of concern at the sampling locations; therefore, no further sampling is recommended at the Pumphouse 5 SRA. Site closure was approved by the NYSDEC on October 20, 2004. Full closure for the Pumphouse 5 SRA and the associated petroleum spill closure will be recommended once applicable results are obtained from the Landfarm/biopile confirmatory sampling.

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8 BUILDING 100 SRA (IRP SITE ST-51 and Former UST 131-2, NYSDEC Spill #9704490)

The closure of NYSDEC Spill #9704490 was recommended in the Draft semi-annual report (FPM, July 2004) and was accepted by the NYSDEC in a letter dated September 29, 2004.

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Wiedemeier, T.H.; Wilson, J.T.; Wilson, B.H.; Kampbell, D.H.; Miller, R.N.; Hansen, J.E. Technical Protocol for Implementing Intrinsic Remediation with Long-Term Monitoring for Natural Attenuation of Fuel Contamination Dissolved in Groundwater, Draft – Revision 0, Air Force Center for Environmental Excellence, November 1995.

Appendix A
Daily Chemical Quality Control Reports, Soil Disposal Documentation, ORC Calculations

Daily Chemical Quality Control Report

Project/Delivery Order Number: DACW41-02-D-0020-002 Date: 12/30/04

Project Name/Site Number: Griffiss AOC LTM sampling (Tank Farms 1 and 3).

Weather conditions: Temperature: 35 Barometric reading: 30.42
Wind direction and speed: southeast 7 mph.
Significant wind changes: none.

General description of tasks completed: Bailer sampling at Site Tank Farms 1 and 3 (TF3MW-21, -116, -117, -119R, -121R, -123, -127, -128, -131, -132, and -133).

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: none.

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: none.

Corrective actions taken or instructions obtained from AFCEE/USACE personnel: No corrective actions necessary.

Sampling shipment completed: √Yes □ No STL courier.

DCQCR Prepared by: Niels van Hoesel, FOM Date: 3 January 2005

CQCC Signature: Cornelia van Hoesel Date: 1/5/05

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
√	✓ Field sampling forms
√	✓ Equipment Calibration Log
√	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs)
√	✓ Daily Health and Safety Meeting Form

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: PC JP

Location and Site Code (SITEID): TF 3

Well No. (LOCID): TF3mw-21 Well Diameter (SDIAM): 4"

Date (LOGDATE): 12.30.04 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

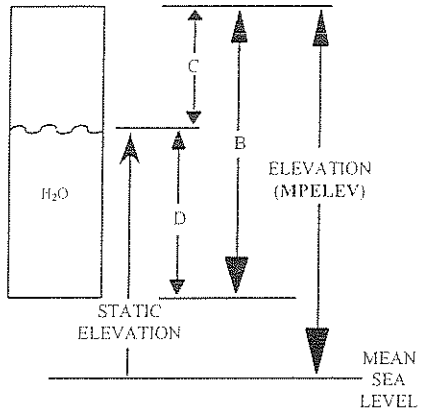
Measured Well Depth (B) (**TOTDEPTH**) 26.03 ft.

Measured Water Level Depth (C) (STATDEP) 13.92 ft.

Length of Static Water Column (D) = 26.03 (B) - 13.92 (C) = 12.11 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 12.11 (D) = 7.87 gal

Minimum Purge Volume = 23.6 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: silty brown-grey / slight sheen
Fe-3.6 no odor

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1620	5	6.90	79	12.4	530	5.15	-107
1623	10	6.68	73	12.6	>999	7.06	-127
1626	15	6.69	71	12.6	>999	7.39	-128
1629	18	6.68	71	12.7	>999	6.60	-129
1632	21	6.73	67	12.7	>999	7.55	-125
1635	24	6.72	67	12.7	>999	7.38	-130
1638	27	6.73	68	12.5	>999	8.19	-133

Sample Time: 1645 Sample ID: TF3m2114LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JP PC

Location and Site Code (**SITEID**): TF3

Well No. (**LOCID**): TF3MW-116 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 12-30-04 Weather: 35 cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

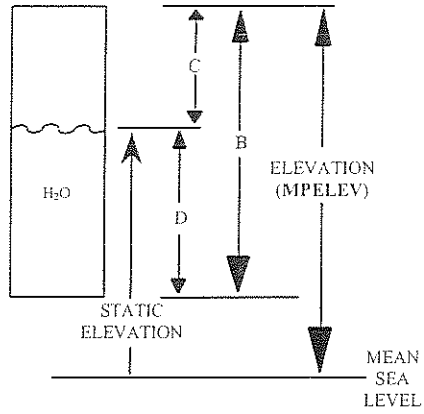
Measured Well Depth (B) (**TOTDEPTH**) 21.11 ft.

Measured Water Level Depth (C) (**STATDEP**) 13.20 ft.

Length of Static Water Column (D) = 21.11 (B) - 13.20 (C) = 7.91 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.91 (D) = 1.26 gal

Minimum Purge Volume = 3.80 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: silty grey, no odor

EC - 4.2

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1425	1	6.60	62	11.7	310	9.15	-124
1429	2	6.58	63	12.1	540	7.46	-126
1432	3	6.50	63	12.2	490	6.88	-129
1434	4	6.49	63	12.2	300	7.25	-131

Sample Time: 1440 Sample ID: TF3M116 13LB/LC/LS/LD

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: TP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3MW-117 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12.30.04 Weather: 35 cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

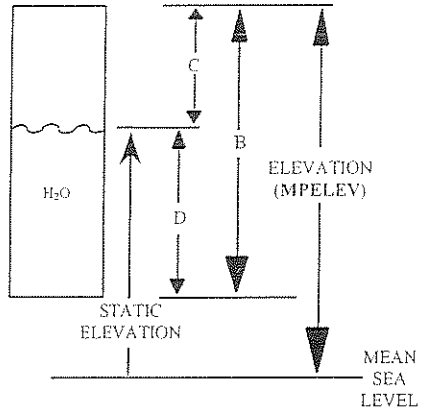
Measured Well Depth (B) (TOTDEPTH) 21.20 ft.

Measured Water Level Depth (C) (STATDEP) 12.80 ft.

Length of Static Water Column (D) = 21.20 (B) - 12.8 (C) = 8.40 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.40 (D) = 1.34 gal

Minimum Purge Volume = 4.03 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: Silty orange / petro odor / no sheen

* gray

ferrous . 3.2

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1402	1	6.50	84	11.9	590	9.45	-67
1404	2	6.49	81	12.0	530	8.55	-90
1406	3	6.44	82	12.2	646	7.51	-99
1408	4	6.43	81	12.2	670	7.94	-120
1410	5	6.45	80	12.0	790	9.22	-122

Sample Time: 1415 Sample ID: TF3MW117131LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JP RC

Location and Site Code (**SITEID**): TF3

Well No. (**LOCID**): TF3mw-119R Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 12.30.04 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

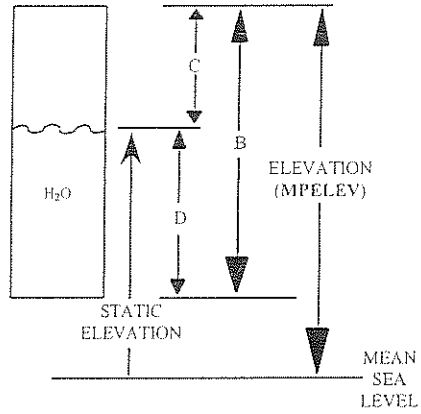
Measured Well Depth (B) (**TOTDEPTH**) 18.21 ft.

Measured Water Level Depth (C) (**STATDEP**) 11.52 ft.

Length of Static Water Column (D) = 18.21 (B) - 11.52 (C) = 6.71 (D) ft.

Casing Water Volume (E) = 0.18 (A) x 6.71 (D) = 1.07 gal

Minimum Purge Volume = 3.22 gal (3 well volumes)



Purge Date and Method: 12/30 Bailer

Physical Appearance/Comments: Sheen, silty Brown, petro odor
Ferrous 1.2

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1518	.75	6.73	0.18	12.6	>999	7.21	-65
1519	1.50	6.77	0.18	13.5	>999	7.17	-76
1521	2.25	6.77	0.18	13.7	>999	8.32	-73
1522	3.0	6.75	0.18	13.9	>999	7.45	-89
1525	3.75	6.74	0.18	13.9	>999	6.90	-95

Sample Time: 1530 Sample ID: TF3m119R12LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04002 Sampled by: JP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3MW-121R Well Diameter (SDIAM): 2"

Date (LOGDATE): 12.30.09 Weather: 25° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

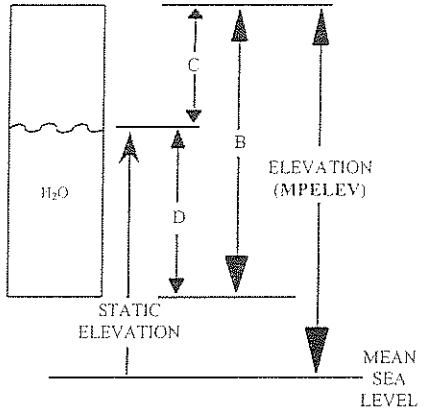
Measured Well Depth (B) (TOTDEPTH) 17.16 ft.

Measured Water Level Depth (C) (STATDEP) 11.91 ft.

Length of Static Water Column (D) = 17.16 (B) - 11.91 (C) = 5.25 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 5.25 (D) = 0.84 gal

Minimum Purge Volume = 2.52 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: silty brown / no odor FE- 0.0

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1535	.75	6.69	0.14	13.3	>999	8.01	46
1537	1.5	6.60	0.13	17.8	>999	7.28	52
1539	2.25	6.56	0.13	14.0	>999	6.92	57
1541	3.00	6.61	0.13	14.0	>999	8.29	64

Sample Time: 1545 Sample ID: TF3M 121R 12LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3MW-123 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12.30.09 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

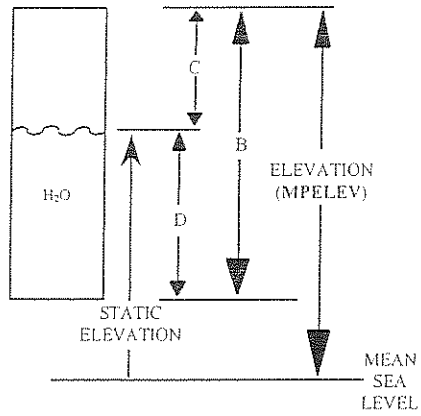
Measured Well Depth (B) (TOTDEPTH) 20.48 ft.

Measured Water Level Depth (C) (STATDEP) 13.22 ft.

Length of Static Water Column (D) = 20.48 (B) - 13.22 (C) = 7.26 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.26 (D) = 1.16 gal

Minimum Purge Volume = 3.48 gal (3 well volumes)



Purge Date and Method: boiler

Physical Appearance/Comments: cloudy brown, petro odor, sheen

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1602	.75	6.68	0.12	11.7	990	10.99	-56
1603	1.5	6.61	87	11.8	400	8.59	-73
1604	2.25	6.60	87	11.9	340	8.56	-98
1606	3.0	6.62	88	12.0	400	7.67	-105
1610	3.75	6.58	87	11.8	440	8.17	-107
1612	4.5	6.60	88	11.9	440	8.02	-111

Sample Time: 1630 Sample ID: TF3M123131LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3MW-127 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12/30/04 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

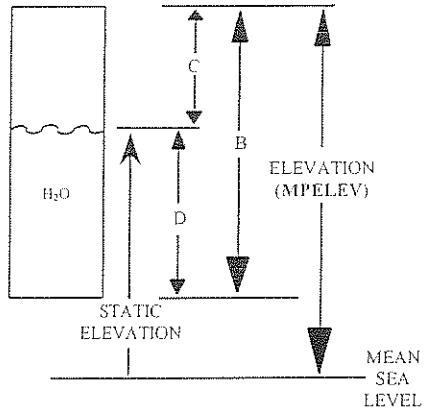
Measured Well Depth (B) (TOTDEPTH) 19.71 ft.

Measured Water Level Depth (C) (STATDEP) 12.91 ft.

Length of Static Water Column (D) = 19.71 (B) - 12.91 (C) = 6.80 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.80 (D) = 1.08 gal

Minimum Purge Volume = 3.26 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: Silty Brown /petro odor - Slight
EE - 8.0

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1057	.75	6.49	54	10.0	150	10.61	47
1058	1.50	6.19	65	10.4	220	9.13	9
1059	2.25	6.24	68	10.4	520	8.89	-24
1101	3.0	6.27	70	10.3	970	8.80	-48
1103	3.75	6.24	71	10.4	>999	8.11	-51

Sample Time: 1111 Sample ID: TF3MW127/3LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JP RC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3MW-128 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12.30.04 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

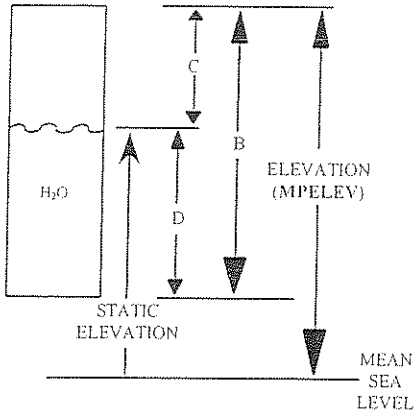
Measured Well Depth (B) (TOTDEPTH) 20.15 ft.

Measured Water Level Depth (C) (STATDEP) 13.55 ft.

Length of Static Water Column (D) = 20.15 (B) - 13.55 (C) = 6.6 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.6 (D) = 1.06 gal

Minimum Purge Volume = 3.17 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: clear / no odor

PE - 0.0

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1123	.75	6.40	71	10.0	400	7.95	101
1124	1.5	6.26	73	10.3	340	8.66	97
1125	2.25	6.30	73	10.5	78	8.48	93
1126	3.0	6.29	73	10.5	37	8.21	96
1127	3.75	6.30	73	10.6	21	7.81	99

Sample Time: 1135 Sample ID: TF3MW128 14 LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: PC JP

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3mw-131 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12/30 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

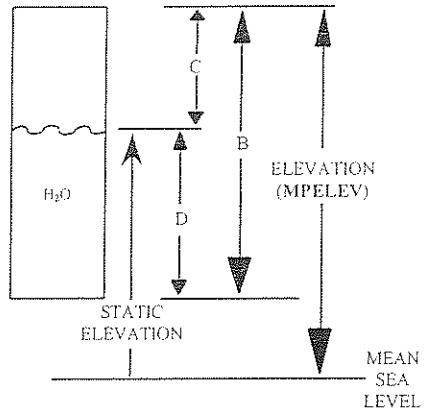
Measured Well Depth (B) (TOTDEPTH) 21.75 ft.

Measured Water Level Depth (C) (STATDEP) 14.47 ft.

Length of Static Water Column (D) = 21.75 (B) - 14.47 (C) = 7.28 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.28 (D) = 1.16 gal

Minimum Purge Volume = 3.50 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: silty brown FE - 0.0

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1337	.75	6.51	64	11.0	930	9.76	150
1338	1.5	6.65	64	11.4	920	8.07	143
1339	2.25	6.60	64	11.6	>999	7.86	139
1340	3.0	6.58	65	11.7	>555	800	139
1341	3.75	6.57	65	11.7	>999	7.58	141

Sample Time: 1350 Sample ID: TF3M13114LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3mw-132 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12.30.04 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

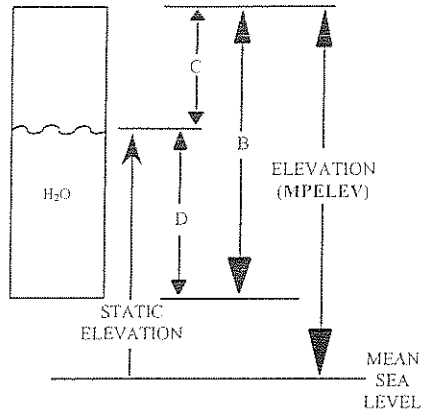
Measured Well Depth (B) (TOTDEPTH) 23.60 ft.

Measured Water Level Depth (C) (STATDEP) 16.97 ft.

Length of Static Water Column (D) = 23.6 (B) - 16.97 (C) = 6.63 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.63 (D) = 1.06 gal

Minimum Purge Volume = 3.18 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: silty Brown / no odor

Ferrous 0.0

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1146	.75	6.69	88	11.2	380	10.03	124
1146	1.5	6.51	90	11.4	780	8.24	112
1147	2.25	6.53	88	11.5	520	7.91	112
1148	3.0	6.57	90	11.3	730	8.88	118
1149	3.75	6.57	90	11.4	740	8.78	118

Sample Time: 1152 Sample ID: TF3m132121-B

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: JV / PC

Location and Site Code (SITEID): TF 1+3

Well No. (LOCID): TF3MW-133 Well Diameter (SDIAM): 2"

Date (LOGDATE): 12-30-04 Weather: 30° / overcast

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

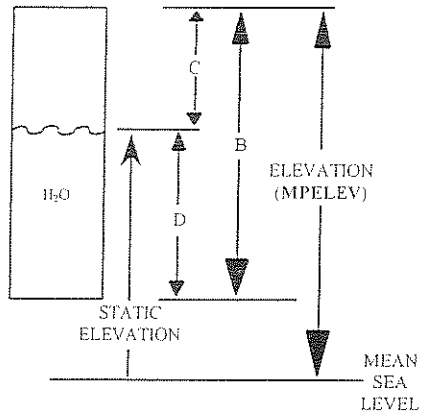
Measured Well Depth (B) (TOTDEPTH) 22.16 ft.

Measured Water Level Depth (C) (STATDEP) 15.91 ft.

Length of Static Water Column (D) = ____ (B) - ____ (C) = 6.25 (D) ft.

Casing Water Volume (E) = ____ (A) x ____ (D) = ____ gal

Minimum Purge Volume = 3 gal (3 well volumes)



Purge Date and Method: BAILER

Physical Appearance/Comments: cloudy / slight petro odor

ferrous 2.0

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1020	75	5.36	51	11.5	276	12.65	181
1022	1.50	5.62	54	11.1	406	11.40	110
1024	2.25	5.75	58	11.0	350	9.73	56
1025	3.00	5.87	60	11.0	270	9.00	33
1026	3.75	6.01	62	11.0	300	8.34	1
1027	4.50	6.03	62	11.0	430	8.65	-11
1028	5.25	6.09	62	11.0	440	8.41	-31

Sample Time: 1030 Sample ID: TF3M133162B

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

EQUIPMENT CALIBRATION LOG

Instrument Name: Horiba U-22

Model No.: FPM # 2

Date and Time	First Standard Concentration	First Standard Reading	Second Standard Concentration	Second Standard Reading	Comments
12/6/04	4.0	3.95	4.0	4.0	
12/7/04	4.0	3.96	4.0	3.99	
12/8/04	4.00	4.00			
12/9	4.00	4.01			
12/10	4.00	3.99			
12/13	4.00	3.98	4.0	4.00	
12/14	4.00	4.0			
12/15	4.00	3.93			
12/16	4.00	3.96	4.0	4.00	
12/22	4.00	4.00			WOL level.
12/27	4.00	3.99			
12/28	4.00	3.99			
12/29	4.00	4.00			
12/30	4.00	3.97	4.00	4.00	

FPM

USACE
CHAIN OF CUSTODY RECORD (AC)

COC#: _1_ SDG#: _89_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600 Carrier: STL courier.	Project Name: Griffiss AFB TF 1 and 3 Sampling Sampler Name: Jake Pratt Sampler Signature:	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441 Phone: (315) 336-7721 Ext. 205

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2004	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOC note 1 40 mL vials (HCl)	SVOCs note 2 1 L amber	Total Alkalinity note 3 (zero headspace)	Nitrogen (Nitrate) note 4 16 oz poly	Total Sulfide Note 5 16 oz poly (ZnAC and NaOH)	Comments
TF3M2114LB	TF3MW21	12/30	1645	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LB	WL-TF3MW-116	12/30	1440	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LC	WL-TF3MW-116	12/30	1440	WG	B	0/0	FD	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LS	WL-TF3MW-116	12/30	1440	WG	B	0/0	MS	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LD	WL-TF3MW-116	12/30	1440	WG	B	0/0	SD	HCl	Unf.	5	3	-	1	1	-	
TF3M11713LB	WL-TF3MW-117	12/30	1415	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M119R12LB	WL-TF3MW-119R	12/30	1530	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M121R12LB	WL-TF3MW-121R	12/30	1545	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12313LB	WL-TF3MW-123	12/30	1630	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12713LB	WL-TF3MW-127	12/30	1111	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12814LB	WL-TF3MW-128	12/30	1135	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13114LB	WL-TF3MW-131	12/30	1350	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13217LB	WL-TF3MW-132	12/30	1152	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13316LB	WL-TF3MW-133	12/30	1030	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
123004LE	FIELDQC	12/30	0830	WG	B	0/0	EB	HCl	Unf.	5	3	-	1	1	-	
123004LF	FIELDQC	12/30	1330	WG	B	0/0	AB	HCl	Unf.	3	3	-	-	-	-	
123004LR	FIELDQC	12/30	0815	WG	B	0/0	TB	HCl	Unf.	3	3	-	-	-	-	

Collect water levels at all wells that are not sampled.

Sample Condition Upon Receipt at Laboratory:	Cooler Temperature:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1 Note 1: VOCs: SW8260, AFCEE QAPP 3.1 List. Note 2: SVOCs: SW8270, AFCEE QAPP 3.1 List. Note 3: Total Alkalinity, 310.2. Note 4: Nitrogen: 353.2, Nitrate: Automated. Note 5: Total Sulfide: 376.2.	

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 12/30/04	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 17:10	Company Name:	Time
#1 Received by: (Sig) Niels van Hoesel	Date: 12/2/04	#2 Received by: (Sig)	Date 12/30/04	#3 Received by: (Sig)	Date
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 1710	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Daily Health and Safety Meeting Form

Date: 12-30-04 *Time Start:* 0930

Time End: 0940

Location: FPM office (garage)

Weather Conditions: OVERCAST /30°

Meeting Type: H+S

Personnel Present: Jake Ruff, Peter Conyl.ono, Niels VanHoesel

Visitors Present:

Visitor Training:

PPE Required: D

Possible risks, injuries, concerns: cold stress, ice on ground

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented): none

Daily Health and Safety Meeting Form (Page 2)

Property Damage: —

Description (include sequence of events describing step by step how incident happened):

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

Report made by (Name): Tate Pruitt

SSHP Organization Title: H+S Supv

Daily Chemical Quality Control Report

Project/Delivery Order Number: DACW41-02-D-0020-002 Date: 1/3/05

Project Name/Site Number: Griffiss AOC LTM sampling (Tank Farms 1 and 3).

Weather conditions: Temperature: 38 Barometric reading: 30.33
Wind direction and speed: west 8 mph.
Significant wind changes: none.

General description of tasks completed: Bailer sampling at Site Tank Farms 1 and 3 (TF3MW-126 and TF3CE3).

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: none.

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: none.

Corrective actions taken or instructions obtained from AFCEE/USACE personnel: No corrective actions necessary.

Sampling shipment completed: √Yes □ No STL courier.

DCQCR Prepared by: Niels van Hoesel, FOM Date: 3 January 2005

CQCC Signature: Concordia van Hoesel Date: 1/5/05

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
√	✓ Field sampling forms
√	✓ Equipment Calibration Log
√	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs)
√	✓ Daily Health and Safety Meeting Form

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: GP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): TF3mw-126 Well Diameter (SDIAM): 2"

Date (LOGDATE): 1/3/04 Weather: 35 cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

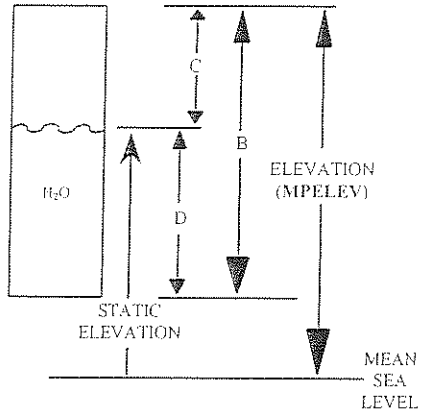
Measured Well Depth (B) (TOTDEPTH) 20.86 ft.

Measured Water Level Depth (C) (STATDEP) 13.07 ft.

Length of Static Water Column (D) = 20.86 (B) - 13.07 (C) = 7.79 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.79 (D) = 1.25 gal

Minimum Purge Volume = 3.74 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: Iron floc in 1st bailer, petro odor, N. sheen orange

Fe^{2+} = 2.3

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0945	0.75	6.54	84.7	12.3	480	9.37	211
0949	1.50	7.21	72.9	11.7	210	6.60	106
0951	2.25	7.32	69.5	11.6	189	6.00	42
0953	3.00	7.43	67.6	11.5	141	7.30	16
0955	3.75	7.49	66.9	11.5	122	7.25	-6
0957	4.50	7.48	65.8	11.3	122	8.82	-10

Sample Time: 1000 Sample ID: TF3M12613LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: GP PC

Location and Site Code (SITEID): TF3

Well No. (LOCID): MW-CE Well Diameter (SDIAM): 4in

Date (LOGDATE): 1/3/14 Weather: 35° cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

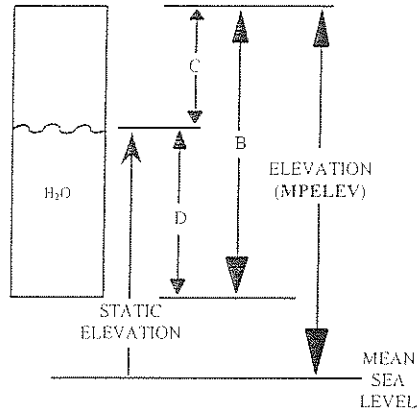
Measured Well Depth (B) (TOTDEPTH) 28.00 ft.

Measured Water Level Depth (C) (STATDEP) 12.53 ft.

Length of Static Water Column (D) = 28.00 (B) - 12.53 (C) = 15.47 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 15.47 (D) = 10.05 gal

Minimum Purge Volume = 30.15 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: cloudy grey / slight petro odor

FE - 3.4

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1023	5	7.74	63.6	9.8	105.0	6.55	-7
1027	10	7.66	63.3	10.7	58.7	5.55	-66
1030	15	7.89	62.6	10.8	61.6	7.85	-64
1035	20	7.92	62.2	10.7	49.7	6.21	-80
1039	25	7.93	62.3	10.8	50.2	5.25	-84
1044	30.50	7.93	62.0	10.7	44.3	5.60	-88

Sample Time: 1051 Sample ID: TF3CE3131LB

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

EQUIPMENT CALIBRATION LOG

Instrument Name: Horiba U-22

Model No.: FPM # 01

Date and Time	First Standard Concentration	First Standard Reading	Second Standard Concentration	Second Standard Reading	Comments
10/21	4.00	3.89	4.00	4.00	
10-25	4.00	3.99	4.00	4.00	
12/10/04	4.00	3.99			
12/10/04	4.00	3.99			
12/14/04	4.00	4.01			
12/15	4.00	3.99	4.00	4.00	
12/16	4.00	3.98	4.00	~~3.99~~ 4.00	
12-17	4.00	4.00			
12/27	4.00	4.00			
12-28	4.00	4.00			
12-29	4.00	3.98	4.00	4.00	
11/3/05	4.00	4.00			
11/4/05	4.00	4.00			

FPM

EQUIPMENT CALIBRATION LOG

Instrument Name: Hnu 6x 4.22

Model No.: FPM # 2

Date and Time	First Standard Concentration	First Standard Reading	Second Standard Concentration	Second Standard Reading	Comments
12/6/04	4.0	3.95	4.0	4.0	
12/7/04	4.0	3.96	4.0	3.99	
12/8/04	4.00	4.00			
12/9	4.00	4.01			
12/10	4.00	3.97			
12/13	4.00	3.98	4.0	4.00	
12/14	4.00	4.0			
12/15	4.00	3.93			
12/16	4.00	3.96	4.0	4.00	
12/20	4.00	4.00			Wk Dual.
12/27	4.00	3.99			
12/28	4.00	3.99			
12/29	4.00	4.00			
12/30	4.00	3.97	4.00	4.00	
1-3	4.00	3.97	4.00	4.00	
1-4	4.00	4.00			

FPM

USACE
CHAIN OF CUSTODY RECORD (AC)

COC#: _1_ SDG#: _89_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB TF 1 and 3 Sampling Sampler Name: Jake Pratt Sampler Signature:	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441 Phone: (315) 336-7721 Ext. 205
Carrier: STL courier.		

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOC note 1 40 mL vials (HCl)	SVOCs note 2 1 L amber	Total Alkalinity note 3 (zero headspace)	Nitrogen (Nitrate) note 4 16 oz poly	Total Sulfide Note 5 16 oz poly (ZnAC and NaOH)	Comments
TF3M12613LB	WL-TF3MW-126	1/3	1000	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3CE313LB	MW-CE	1/3	1051	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
100305LE	FIELDQC	1/3	0830	WG	B	0/0	EB	HCl	Unf.	5	3	-	1	1	-	

Collect water levels at all wells that are not sampled.

Sample Condition Upon Receipt at Laboratory: Cooler Temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1
Note 1: VOCs: SW8260, AFCEE QAPP 3.1 List.
Note 2: SVOCs: SW8270, AFCEE QAPP 3.1 List.
Note 3: Total Alkalinity, 310.2.
Note 4: Nitrogen: 353.2, Nitrate: Automated.
Note 5: Total Sulfide: 376.2.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 1/3/05	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1700	Company Name:	Time
#1 Received by: (Sig) Niels van Hoesel	Date: 12/2/04	#2 Received by: (Sig)	Date 1/3/05	#3 Received by: (Sig)	Date
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 1700	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Daily Health and Safety Meeting Form

Date: 1-3-05 *Time Start:* 8:10

Time End: 8:15

Location: FPM office (garage)

Weather Conditions: cloudy / 30°F

Meeting Type: Health & Safety

Personnel Present: Justin Damann, Peter Corigliano, Dan Baldyga, Jake Pratt

Visitors Present: None

Visitor Training: None

PPE Required: ~~X~~ Warm ~~clothing~~ PB clothing for winter conditions

Possible risks, injuries, concerns: cold weather, slippery surfaces

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented): None

Daily Health and Safety Meeting Form (Page 2)

Property Damage: None

Description (include sequence of events describing step by step how incident happened):

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

Report made by (Name): Dan Baldiga

SSHP Organization Title: Health + Safety Officer

Daily Chemical Quality Control Report

Project/Delivery Order Number: DACW41-02-D-0020-002 Date: 03/29/05

Project Name/Site Number: Griffiss AOC LTM sampling (Building 101, FPTA, Building 35, and Tank Farms 1 and 3).

Weather conditions: Temperature: 51 Barometric reading: 29.81
Wind direction and speed: northwest 12 mph.
Significant wind changes: wind changed from calm in the morning to west in the afternoon.

General description of tasks completed: Bladder pump sampling at Site Building 35 (B035MW-4). Bailer sampling at Site Building 101 (101MW-2), Site FPTA (ANGMW-1) and Site Tank Farms 1 and 3 (TF3MW-21, -116, -117, -119R, -121R, -123, -126, -127, -128, -131, -132, -133, and TF3CE-3).

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: none.

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: none.

Corrective actions taken or instructions obtained from AFCEE/USACE personnel: No corrective actions necessary.

Sampling shipment completed: √Yes □ No STL courier.

DCQCR Prepared by: Niels van Hoesel, FOM Date: 29 March 2005

CQCC Signature: Concordia van Hoesel Date: 3/31/05

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
✓	✓ Field sampling forms
✓	✓ Equipment Calibration Log
✓	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs)
✓	✓ Daily Health and Safety Meeting Form

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: NVM DP

Location and Site Code (**SITEID**): Tank Farm 1+3

Well No. (**LOCID**): MW-CE Well Diameter (**SDIAM**): 4"

Date (**LOGDATE**): 3/29/05 Weather: 40° sunny

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

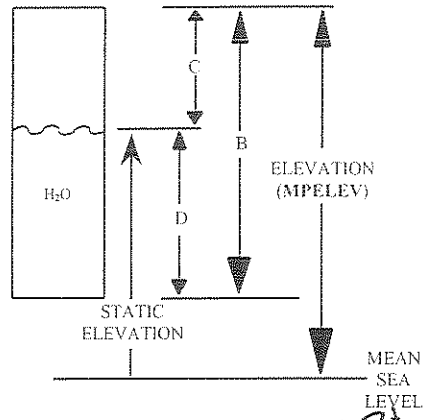
Measured Well Depth (B) (**TOTDEPTH**) 27.55 ft.

Measured Water Level Depth (C) (**STATDEP**) 12.51 ft.

Length of Static Water Column (D) = 27.55 (B) - 12.51 (C) = 15.04 (D) ft.

Casing Water Volume (E) = 15.04 (A) x 0.65 (D) = 9.78 gal

Minimum Purge Volume = 29.33 gal (3 well volumes)



Purge Date and Method: 3/29/05 bailer

Physical Appearance/Comments: strong petro odor cloudy/grey

Fe^{2+} [2.8]

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
14:46	5	7.01	70	9.4	150	10.50	33
14:54	10	6.97	66	9.1	130	6.38	49
14:57	15	6.97	65	9.1	290	6.44	50
15:05	20	6.99	65	9.2	220	6.50	52
15:10	25	7.01	66	9.2	180	6.46	52
15:15	30	7.01	64	9.1	110	6.41	50

Sample Time: 15:17 Sample ID: TF3CE313MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: DB / PC

Location and Site Code (SITEID): TF 1+3

Well No. (LOCID): WL-TF3MW-21 Well Diameter (SDIAM): 2"

Date (LOGDATE): 3-29-05 Weather: sun / 40

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

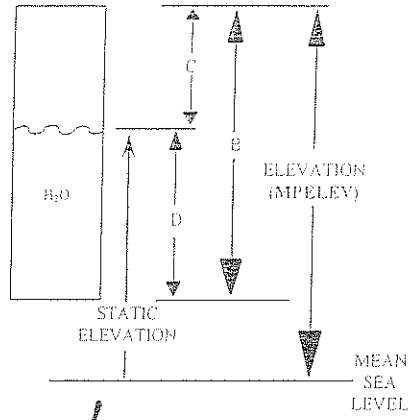
Measured Well Depth (B) (TOTDEPTH) 26.34 ft.

Measured Water Level Depth (C) (STATDEP) 13.92 ft.

Length of Static Water Column (D) = 26.34 (B) − 13.92 (C) = 12.42 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 12.42 (D) = 8.0 gal

Minimum Purge Volume = 24 gal (3 well volumes)



Purge Date and Method: Bailer / 3-29-05

Physical Appearance/Comments: silty brown / petro odor / iron = 3.6

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1127	4	7.91	0.102	10.3	348.0	9.01	-58
1130	8	7.84	95.6	10.4	414.0	5.58	-90
1134	12	7.83	93.3	10.5	386.0	4.58	-93
1138	16	7.83	93.9	10.6	350.0	3.96	-99
1143	20	7.84	92.9	10.6	259.0	4.86	-105
1147	24	7.83	92.8	10.7	220.0	7.06	-90

Sample Time: 1150 Sample ID: TF3M2114MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: RC DB

Location and Site Code (SITEID): TF 1+3

Well No. (LOCID): WL-TF3MW-116 Well Diameter (SDIAM): 2

Date (LOGDATE): 3-29-05 Weather: 40

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

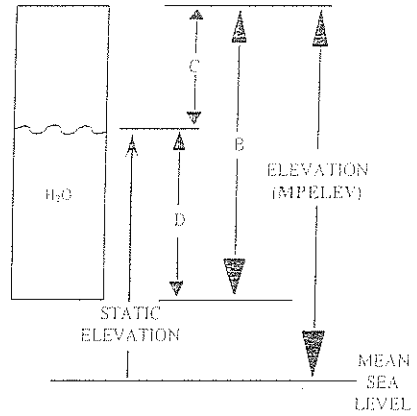
Measured Well Depth (B) (TOTDEPTH) 21.35 ft.

Measured Water Level Depth (C) (STATDEP) 13.17 ft.

Length of Static Water Column (D) = 21.35 (B) - 13.17 (C) = 8.18 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.18 (D) = 1.308 gal

Minimum Purge Volume = 3.926 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: Silty Brown, Iron Odor, petro odor

Ferrous 1.8

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1301	1	8.35	92.4	10.7	116	9.11	-98
1303	2	8.18	91.2	10.5	87.9	6.24	-116
1304	3	8.06	90.7	10.5	71.9	5.61	-115
1305	4	7.99	91.1	10.2	181.9	5.13	-115
1306	5	8.00	90.0	10.1	160	6.78	-113

Sample Time: 1310 Sample ID: TF3M11613 mA ms

m0 mL

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: DB / PC

Location and Site Code (SITEID): TF 143

Well No. (LOCID): WL-TF3MW-117 Well Diameter (SDIAM): 2"

Date (LOGDATE): 3-29-05 Weather: sun / 40

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

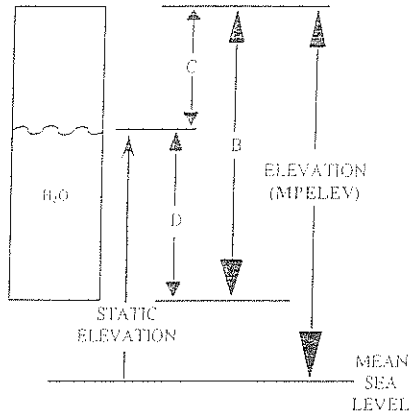
Measured Well Depth (B) (TOTDEPTH) 20.64 ft.

Measured Water Level Depth (C) (STATDEP) 12.73 ft.

Length of Static Water Column (D) = 20.64 (B) - 12.73 (C) = 7.91 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.91 (D) = 1.26 gal

Minimum Purge Volume = 3.7 gal (3 well volumes)



Purge Date and Method: Bailer / 3-29-05

Physical Appearance/Comments: iron flor / silty brown / slight petro odor
iron = 3.5

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1339	1	7.90	0.099	9.4	291.0	10.46	-58
1341	2	8.10	99.4	9.1	236.0	5.22	-100
1342	3	7.96	98.7	9.0	191.0	4.77	-101
1343	4	7.90	97.9	9.2	134.0	4.76	-101
1345	5	7.87	98.0	8.8	199.0	5.46	-94

Sample Time: ~~1350~~ 1350 DB Sample ID: TF3M11713MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: DB / PE

Location and Site Code (SITEID): TF163

Well No. (LOCID): WL-TF3MW-119R Well Diameter (SDIAM): 2"

Date (LOGDATE): 3-29-05 Weather: cold / cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

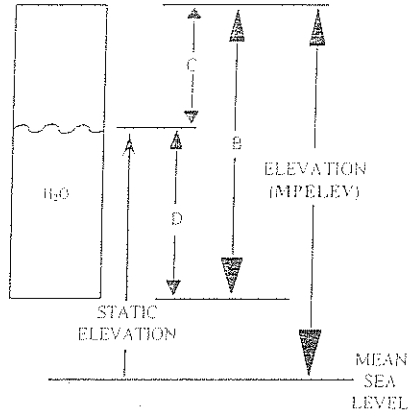
Measured Well Depth (B) (TOTDEPTH) 18.65 ft.

Measured Water Level Depth (C) (STATDEP) 12.52 ft.

Length of Static Water Column (D) = 18.65 (B) - 12.52 (C) = 6.13 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.13 (D) = .94 gal

Minimum Purge Volume = 3 gal (3 well volumes)



6.13
.16
3278
613
.9408

Purge Date and Method: bailer / 3-29-05

Physical Appearance/Comments: silty brown / petro odor / sheen

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

1 vol = 2.5

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0938	0.75	6.40	0.127	8.7	>999	6.63	184
0939	1.5	6.59	0.179	9.6	>999	6.32	142
0940	2.25	6.99	0.196	10.1	>999	5.73	74
0942	3.0	7.20	0.199	10.2	>999	8.60	10
0944	3.75	7.41	0.199	10.3	>999	4.64	-23
0945	4.50	7.52	0.200	10.3	>999	4.09	-39
0947	5.25	7.58	0.201	10.4	>999	4.89	-31
0948	6.00	7.65	0.200	10.1	>999	4.13	-46

Sample Time: 0950 Sample ID: TF3M119R@13MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

- purged 6 well volumes

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: DB / PC

Location and Site Code (SITEID): TF143

Well No. (LOCID): WL-TF3MW-121R Well Diameter (SDIAM): 2"

Date (LOGDATE): 3-29-05 Weather: cold / cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

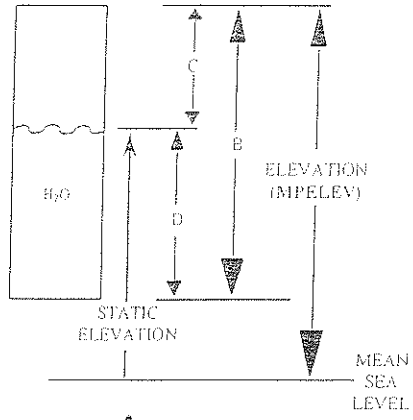
Measured Well Depth (B) (TOTDEPTH) 17.57 ft.

Measured Water Level Depth (C) (STATDEP) 11.61 ft.

Length of Static Water Column (D) = 17.57 (B) - 11.61 (C) = 5.96 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 5.96 (D) = 0.95 gal

Minimum Purge Volume = 3 gal (3 well volumes)



Purge Date and Method: Bailer / 3-29-05

Physical Appearance/Comments: silty brown / no odor

FIELD MEASUREMENTS:

iron = 0

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1013	0.75	7.66	90.9	10.4	>999	9.49	149
1015	1.5	7.32	93.8	11.2	>999	5.97	109
1017	2.25	7.29	97.0	11.6	>999	4.10	112
1018	3.0	7.25	97.5	11.6	>999	4.31	128

Sample Time: 1020 Sample ID: TF3M121R12MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-09-02 Sampled by: PC DB

Location and Site Code (SITEID): TF 1+3

Well No. (LOCID): wl-TF3mw-123 Well Diameter (SDIAM): 2

Date (LOGDATE): 3/29/05 Weather: 30 windy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

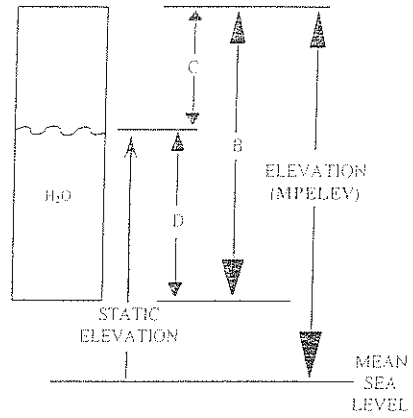
Measured Well Depth (B) (TOTDEPTH) 20.76 ft.

Measured Water Level Depth (C) (STATDEP) 13.21 ft.

Length of Static Water Column (D) = 20.76 (B) - 13.21 (C) = 7.55 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.55 (D) = 1.208 gal

Minimum Purge Volume = 3.624 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: cloudy brown, petro odor, no sheen

Ferrous 1.4

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1058	.75	8.17	8.98 s/cm	8.4	204.2	8.63	-91
1059	1.5	7.98	96.5	8.7	240	6.06	-65
1100	2.25	7.88	.107 s/cm	8.8	217	4.96	-77
1103	3.0	7.84	98.2	8.8	288	4.53	-87
1104	3.75	7.81	98.2	8.8	291	4.97	-88
1105	4.5	7.81	98.0	8.9	207	4.99	-90

Sample Time: 1108 Sample ID: TF3mw123 13 MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: PC DB

Location and Site Code (SITEID): TF 1+3

Well No. (LOCID): WL-TF3##-12 Well Diameter (SDIAM): 2

Date (LOGDATE): 3/29/05 Weather: 40

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

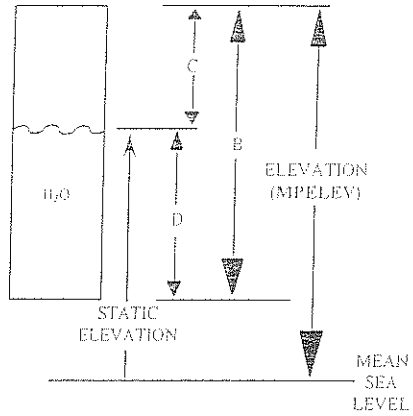
Measured Well Depth (B) (TOTDEPTH) 20.86 ft.

Measured Water Level Depth (C) (STATDEP) 13.06 ft.

Length of Static Water Column (D) = (B) 20.86 - (C) 13.06 = (D) 7.8 ft.

Casing Water Volume (E) = (A) 0.16 x (D) 7.8 = 1.248 gal

Minimum Purge Volume = 3.744 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: iron stock, s.l.g brown Farous 28

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1359	1	7.71	70.9	8.8	423	9.11	-82
1400	2	7.73	71.8	8.9	191	7.65	-88
1403	3	7.64	70.3	9.1	43.4	6.62	-95
1404	4	7.68	71.1	9.3	96.8	7.19	-96
1406	5	7.65	70.4	9.3	15.0	4.64	-102

Sample Time: 1410 Sample ID: TF3M1213MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: DF MVH

Location and Site Code (SITEID): Tank Farm 1+3

Well No. (LOCID): WL-TF3MW-12B Well Diameter (SDIAM): 2"

Date (LOGDATE): 3/29/05 Weather: 40° sunny

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

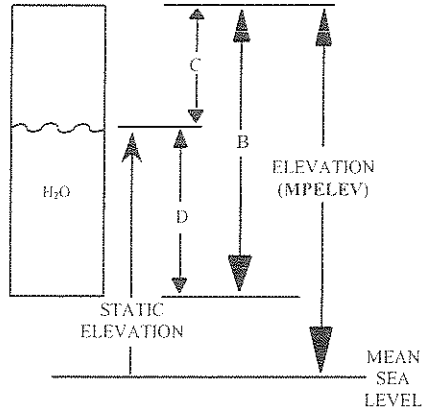
Measured Well Depth (B) (**TOTDEPTH**) 19.50 ft.

Measured Water Level Depth (C) (**STATDEP**) 12.82 ft.

Length of Static Water Column (D) = 19.50 (B) - 12.82 (C) = 6.68 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.68 (D) = 1.07 gal

Minimum Purge Volume = 3.21 gal (3 well volumes)



Purge Date and Method: 3/29/05 bailer Fe^{2+} [1.8]

Physical Appearance/Comments: slight petro odor cloudy

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
14:19	1	6.84	59	8.4	180	8.65	115
14:21	2	6.82	64	8.3	220	8.25	97
14:22	3	6.82	70	8.4	230	7.49	78
14:23	4	6.82	94	8.4	180	6.87	75

Sample Time: 14:25 Sample ID: TF3m12713MW

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: MH DF

Location and Site Code (**SITEID**): Tank Farm 173

Well No. (**LOCID**): WL-TF3mw-128 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 3/29/05 Weather: 40° Stormy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

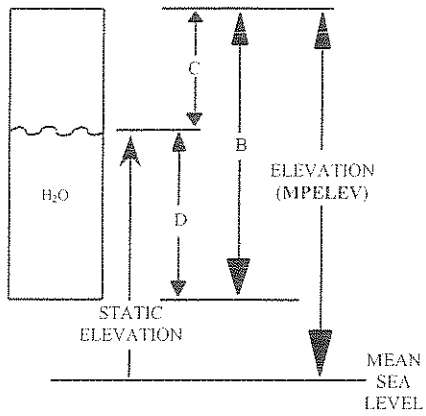
Measured Well Depth (B) (**TOTDEPTH**) 19.99 ft.

Measured Water Level Depth (C) (**STATDEP**) 13.68 ft.

Length of Static Water Column (D) = 19.99 (B) - 13.68 (C) = 6.31 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.31 (D) = 1.01 gal

Minimum Purge Volume = 3.03 gal (3 well volumes)



Purge Date and Method: bailer 3-29-05 e^{24}=0.8

Physical Appearance/Comments: slow recharge clear slight petro/rotten egg smell

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
13:49	1	7.04	65	9.0	65	11.09	112
13:51	2	6.89	70	8.8	22	7.94	94
13:54	3	6.88	74	8.9	23	7.99	91
13:58	4	6.86	71	9.0	23	7.60	92

Sample Time: 14:01 Sample ID: TF3m128 14mA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

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WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: D. Force, N. VanHouse

Location and Site Code (**SITEID**): TF1+3 CTM

Well No. (**LOCID**): WL-TF3MW-131 Well Diameter (**SDIAM**): 2" PVC

Date (**LOGDATE**): 3-29-05 Weather: 40° Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

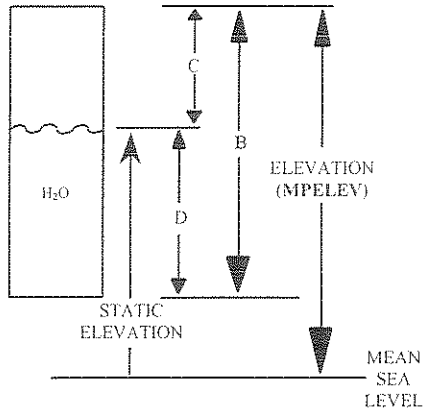
Measured Well Depth (B) (**TOTDEPTH**) 21.47 ft.

Measured Water Level Depth (C) (**STATDEP**) 14.61 ft.

Length of Static Water Column (D) = _____ (B) - _____ (C) = _____ (D) ft.

Casing Water Volume (E) = _____ (A) x _____ (D) = 1.3 gal

Minimum Purge Volume = 3.9 gal (3 well volumes)



Purge Date and Method: 3-29

Physical Appearance/Comments: No odor, cloudy

Fe^{+2} = 0.0 mg/L

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
9:52	1	6.87	.084	8.8	240	10.82	168
9:54	2	6.71	.084	8.8	260	8.20	164
9:57	3	6.68	.10	8.9	610	6.82	160
9:59	4	6.66	.10	9	450	6.34	153
10:01	5	6.65	.10	9	376	6.39	152

Sample Time: 1000 Sample ID: TF3M13114MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: D. Force, N. van Hoesel

Location and Site Code (**SITEID**): TANK FARMS 1+3

Well No. (**LOCID**): WL-TF3MW 137 Well Diameter (**SDIAM**): 2" PVC

Date (**LOGDATE**): 3-29-05 Weather: 40° Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

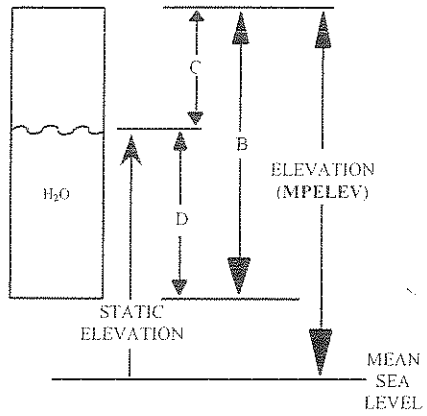
Measured Well Depth (B) (**TOTDEPTH**) 23.29 ft.

Measured Water Level Depth (C) (**STATDEP**) 17.20 ft.

Length of Static Water Column (D) = (B) 23.29 - (C) 17.20 = (D) 6.09 ft.

Casing Water Volume (E) = (A) ____ x (D) 6.09 = 1 gal

Minimum Purge Volume = 3 gal (3 well volumes)



Purge Date and Method: 3-29-05 bailer Fe^{2+} [0.0]

Physical Appearance/Comments: no odor / no sheen slightly silty

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
12:00	1	7.02	0.69	10.1	180	9.22	197
12:02	2	6.96	0.073	10.0	190	8.20	199
12:04	3	6.96	0.070	10.2	120	7.87	202
12:05	4	7.01	0.071	10.2	110	9.52	204

Sample Time: 12:10 Sample ID: TF3MW13217MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: D. Farce N. van Hoesel

Location and Site Code (**SITEID**): _____

Well No. (**LOCID**): WL-TF3MW-133 Well Diameter (**SDIAM**): 2" PVC

Date (**LOGDATE**): 3-29-05 Weather: _____

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

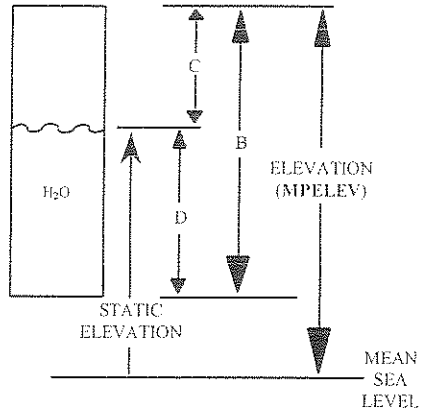
Measured Well Depth (B) (**TOTDEPTH**) 21.09 ft.

Measured Water Level Depth (C) (**STATDEP**) 16.05 ft.

Length of Static Water Column (D) = (B) 21.09 - (C) 16.05 = (D) 5.04 ft.

Casing Water Volume (E) = (A) _____ x (D) _____ = _____ gal

Minimum Purge Volume = _____ gal (3 well volumes)



Purge Date and Method: _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS: Fe+2 = 3.2

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
13:17	1	7.29	58	9.6	77	11.11	135
13:20	2	7.10	66	9.0	52	8.82	18
13:21	3	7.00	70	8.9	30	7.69	29
13:23	4	6.98	71	8.9	34	7.13	31
13:26	5	6.98	70	8.9	44	6.89	32

Sample Time: 1331 Sample ID: TF3M133/6MA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04-02 Sampled by: D. Forse, N. Van Kleeck

Location and Site Code (SITEID): B101

Well No. (LOCID): 101MW-2 Well Diameter (SDIAM): 2"

Date (LOGDATE): 3-29-05 Weather: 40° Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

Measured Well Depth (B) (TOTDEPTH) 23.92 ft.

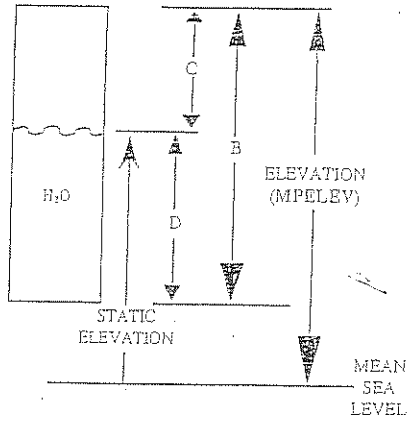
Measured Water Level Depth (C) (STATDEP) 16.02 ft.

Length of Static Water Column (D) = (B) 23.92 - (C) 16.02 = 7.90 (D) ft.

5 7.9 1.6 4 7 7 1 64

Casing Water Volume (E) = 7.9 (A) x (D) = 1.1 gal

Total Purge Volume = 3.3 gal (min. of 3 well volumes)



Purge Date and Method: 3-29-05

Physical Appearance/Comments: slightly cloudy no odor / no sheen

FIELD MEASUREMENTS:

Allowable Range: ±0.1 ±5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
9:10	1	6.0	.16	11.7	270	10.39	219
9.14	2	6.19	.14	11.8	200	9.4	193
9:16	3	6.47	.10	11.9	210	7.34	138
9:18	4	6.53	.09	11.9	230	6.97	60
9:20	5	6.77	.09	11.8	320	6.05	49
9.23	6	6.82	.09	11.9	280	5.86	57
9:28	7	6.93	.09	11.9	450	6.55	63

Sample Time: 930 Sample ID: 101MW2-6MAR

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 32-04_02 Sampled by: DB / PC

Location and Site Code (SITEID): FPTA

Well No. (LOCID): WL-ANGMW-1 Well Diameter (SDIAM): 2"

Date (LOGDATE): 3-29-05 Weather: sun / 40s

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

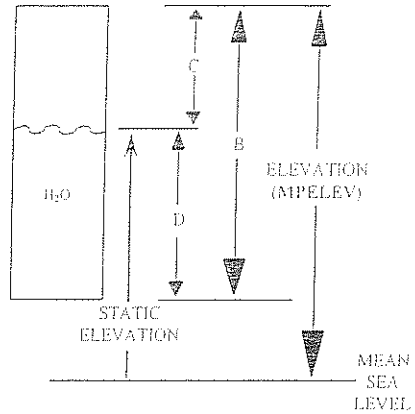
Measured Well Depth (B) (TOTDEPTH) 17.50 ft.

Measured Water Level Depth (C) (STATDEP) 11.06 ft.

Length of Static Water Column (D) = ____ (B) - ____ (C) = 6.44 (D) ft.

Casing Water Volume (E) = ____ (A) x ____ (D) = 1.03 gal

Minimum Purge Volume = 3 gal (3 well volumes)



Purge Date and Method: Bailer / 3-29-05

Physical Appearance/Comments: iron floc / silty brown / petro odor

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1543	0.75	7.95	83.1	7.7	351.0	9.54	-57
1544	1.50	7.75	81.1	7.0	452.0	6.04	-80
1545	2.25	7.64	79.0	7.1	569.0	3.99	-81
1547	3.0	7.58	78.5	6.8	578.0	3.54	-77
1549	3.75	7.55	78.0	6.8	478.0	3.58	-76

Sample Time: 1550 Sample ID: ANGMO111EA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM
(LOW FLOW)

Project: 32-09-02 Sampled by: PC DB

Location and Site Code (**SITEID**): B35

Well No. (**LOCID**): WL-B35MW-4 Well Diameter (**SDIAM**): 2

Date (**LOGDATE**): 3/29-05 Weather: 40

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

Measured Well Depth (B) (**TOTDEPTH**) _____ ft. (optional)

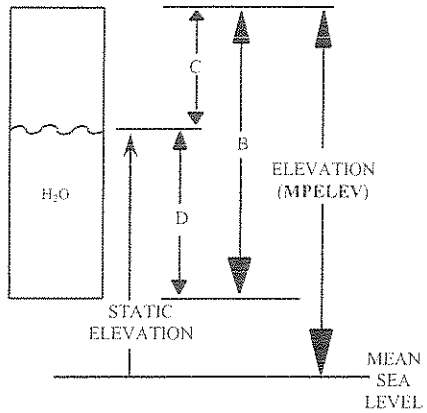
Measured Water Level Depth (C) (**STATDEP**) 8.89 ft.

Length of Static Water Column (D) = _____ (B) - _____ (C) = _____ (D) ft. (optional)

Pump Intake Depth (ft): 15

Depth during Purging/Sampling: 8.89 ft (provide range)

Comments (re: Depth during purging/sampling): _____



Purge Date and Method: BLADDER PUMP _____

Physical Appearance/Comments: _____

Dissolved Ferrous Iron (mg/L): clear no odor 0.0

FIELD MEASUREMENTS:

Time	Depth to Water (ft BTOC)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)	Flow Rate (mL/min)
Allowable Range:		± 0.1	± 3%		± 10%	± 10%	± 10mV	
1511	8.89	7.71	.120	7.0	14.3	7.82	199	400
1512	↓	7.57	.141	6.4	16.3	4.10	197	↓
1513		7.39	.145	6.3	15.7	2.72	195	
1514		7.32	.149	6.2	13.3	2.12	190	
1515		7.30	.147	6.4	12.1	2.05	183	
1516		7.29	.148	6.3	10.8	1.99	180	
	↓							↓

Sample Time: 1518 Sample ID: B035MW4 1SDA

Note: Maintain a flow rate of 200-500 mL/min during purging. Purge a minimum of 1L between readings. Collect samples at a flow rate between 100-250 mL/min. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

EQUIPMENT CALIBRATION LOG

Instrument Name: Horiba U-22

Model No.: FPM #1

Date and Time	First Standard Concentration	First Standard Reading	Second Standard Concentration	Second Standard Reading	Comments
3-24	4.00	4.00			

FPM

EQUIPMENT CALIBRATION LOG

Instrument Name: Horiba U-22

Model No.: FPM #2

Date and Time	First Standard Concentration	First Standard Reading	Second Standard Concentration	Second Standard Reading	Comments
3-29	4.00	4.00			

FPM

USACE
CHAIN OF CUSTODY RECORD (AC 51351)

COC#: _1_ SDG#: _94_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB Site Building 101 sampling Sampler Name: Daniel Baldyga	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441
Carrier: STL courier.	Sampler Signature:	Phone: (315) 336-7721 Ext 205

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOCs Note 1 40 mL vial (HCl)		Comments
B035M0415DA	B035MW04	3/29	1518	WG	BP	0/0	N	HCl	Unf.	3	3		

Sample Condition Upon Receipt at Laboratory: Cooler Temperature:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1
Note 1: VOC: method SW8260: Target COCs: PCE, TCE, cis- and trans 1,2-DCE, and VC.

Water levels need to be collected at all other wells on site.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 3/29/05	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1600	Company Name:	Time:
#1 Received by: (Sig) Niels van Hoesel	Date: 3/02/05	#2 Received by: (Sig) RE, STL	Date: 3/29/05	#3 Received by: (Sig)	Date:
Company Name: FPM Group Ltd	Time: 1200	Company Name:	Time: 17:00	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

USACE
CHAIN OF CUSTODY RECORD (AC 51296)

COC#: _2_ SDG#: _94_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB Site Building 101 sampling Sampler Name: Niels van Hoesel	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441
Carrier: STL courier.	Sampler Signature:	Phone: (315) 336-7721 Ext 205

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOCs Note 1 40 mL vial (HCl)		Comments
101M0216MA	101MW-2	3/29	0930	WG	B	0/0	N	HCl	Unf.	3	3		

Sample Condition Upon Receipt at Laboratory: Cooler Temperature:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1
Note 1: VOC: method SW 8260: Target COCs: PCE, TCE, DCE, Vinyl Chloride and Chloroform.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 3/29/05	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1601	Company Name:	Time:
#1 Received by: (Sig) Niels van Hoesel	Date: 3/02/05	#2 Received by: (Sig) RE STL	Date: 3/29/05	#3 Received by: (Sig)	Date:
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 17:30	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

USACE
CHAIN OF CUSTODY RECORD (AC 51297)

COC#: _3_ SDG#: _94_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716)691-2600	Project Name: Griffiss AFB FPTA Sampling Sampler Name: Daniel Baldyga	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441 Phone: (315) 336-7721 ext. 205
Carrier: per STL courier.	Sampler Signature:	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOCs Note 1 40 mL Vials (HCl)	Comments
ANGM0111EA	ANGMW-1	3/29	1550	WG	B	0/0	N	HCl	Unf.	3	3	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1
Note 1: VOCs: SW 8260 analysis for STARS List including MTBE.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 3/29/05	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1602	Company Name:	Time:
#1 Received by: (Sig) Niels van Hoesel	Date: 3/14/05	#2 Received by: (Sig) RE	Date: 3/29/05	#3 Received by: (Sig)	Date:
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL STL	Time: 1752	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

USACE
CHAIN OF CUSTODY RECORD (AC 51295)

COC#: _4_ SDG#: _94_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB TF 1 and 3 Sampling Sampler Name: David Forse	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441 Phone: (315) 336-7721 Ext. 205
Carrier: STL courier.	Sampler Signature: David Forse	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOC note 1 40 mL vials (HCl)	SVOCs note 2 1 L amber	Total Alkalinity note 3 (zero headspace)	Nitrogen (Nitrate) note 4 16 oz poly	Total Sulfide Note 5 16 oz poly (ZnAC and NaOH)	Comments
TF3M2114MA	TF3MW21	3/29	1150	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MA	WL-TF3MW-116	3/29	1310	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MC	WL-TF3MW-116	3/29	1310	WG	B	0/0	FD	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MS	WL-TF3MW-116	3/29	1310	WG	B	0/0	MS	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MD	WL-TF3MW-116	3/29	1310	WG	B	0/0	SD	HCl	Unf.	5	3	-	1	1	-	
TF3M11713MA	WL-TF3MW-117	3/29	1350	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M119R13MA	WL-TF3MW-119R	3/29	0950	WG	B	0/0	N	HCl	Unf.	7	3	2	1	1	-	
TF3M121R12MA	WL-TF3MW-121R	3/29	1020	WG	B	0/0	N	HCl	Unf.	7	3	2	1	1	-	
TF3M12313MA	WL-TF3MW-123	3/29	1108	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12613MA	WL-TF3MW-126	3/29	1410	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3CE313MA	MW-CE	3/29	1517	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12713MA	WL-TF3MW-127	3/29	1423	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12814MA	WL-TF3MW-128	3/29	1401	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13114MA	WL-TF3MW-131	3/29	1000	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13217MA	WL-TF3MW-132	3/29	1210	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13316MA	WL-TF3MW-133	3/29	1331	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
032905ME	FIELDQC	3/29	0810	WQ	B	0/0	EB	HCl	Unf.	7	3	2	1	1	-	
032905MF	FIELDQC	3/29	1301	WQ	NA	0/0	AB	HCl	Unf.	3	3	-	-	-	-	
032905MR	FIELDQC	3/29	0800	WQ	NA	0/0	TB	HCl	Unf.	3	3	-	-	-	-	

Collect water levels at all wells that are not sampled.

Sample Condition Upon Receipt at Laboratory:	Cooler Temperature:
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1 Note 1: VOCs: SW8260, AFCEE QAPP 3.1 List. Note 2: SVOCs: SW8270, AFCEE QAPP 3.1 List. Note 3: Total Alkalinity, 310.2. Note 4: Nitrogen: 353.2, Nitrate: Automated. Note 5: Total Sulfide: 376.2.	

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) Brad Farse	Date: 3/29/05	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1606	Company Name:	Time
#1 Received by: (Sig) Niels van Hoesel	Date: 3/2/05	#2 Received by: (Sig) RC	Date 3/29/05	#3 Received by: (Sig)	Date
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 1710	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Daily Health and Safety Meeting Form

Date: 3-29-05 Time Start: 8:45

Time End: 8:55

Location: FPM office (garage)

Weather Conditions: 40° overcast

Meeting Type: Health + Safety

Personnel Present: Dan Baldyga, Pete Corigliano, Niels Vanhoesen, David Farrar

Visitors Present:

Visitor Training:

PPE Required: Modified Level D

Possible risks, injuries, concerns: slip, trip, fall, splash + injestion risk w/ acids + contam.

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):

None

Daily Health and Safety Meeting Form (Page 2)

Property Damage: NO

Description (include sequence of events describing step by step how incident happened):

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

Report made by (Name): David Payne

SSHP Organization Title: SHSO

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NY6 Route 5&20
Stanley, NY 14561

TICKET: 107731
DATE: 10/21/2005
TIME: 12:09 - 12:43

CUSTOMER: CE00034 / EARTHWATCH WASTE SYSTEMS P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 105840 LBS
ORIGIN: ON / ONEIDA TARE: 36840 LBS
TRUCK: MAN48 TRAILER: NET: 68000 LBS
GENERATOR: NA / NON APPLICABLE PROFILE #: NA
HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE
COMMENT: app410 CELL/TRN#: P4

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	34.4000	ST

120.40

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES.

Weighmaster: Driver:

IN: NANCY B: PCSCALE_OC OUT: NANCY B: PCSCALE_OC

Earthwatch
WASTE SYSTEMS, INC.

4950 Genesee Street
Suite 170
Buffalo, NY 14225
(716) 681-6433
FAX (716) 681-6165

352272

352272 Load # 1

NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN	TIME OUT
Mangiardi Bros. Trucking Castleton NY.	10-31-05		
	EWS# 7132		
TRUCK# 48	TRAILER# 30		

CONSIGNEE:	SHIPPER
News of New York, Inc. Postlane Road Rt. 5 & 20 (County Road 49) Stanley, NY 14561 PHONE# (585) 526-5431	Air Force Real Property Agency 153 Brooks Road Rome, NY 13441

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Non-Hazardous Contaminated Soil	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Mark R Rake PRINT NAME Mark R Rake

DRIVER SIGNATURE Tom Vieta PRINT NAME Tom Vieta

SPECIAL INSTRUCTIONS:

Facility Hours: Monday to Friday - 7:00 am - 3:30 pm
Saturday - 7:00 am - 12 noon
Sunday - closed

Facility Directions: I-90 to Exit 42
Rt. 14 South
Go to Rt. 51 (20 West)

Approval # ~~240~~ 410

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM: _____ DATE _____

BY _____ TIME ____ ☐AM ☐PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material.

This shipment is to be delivered to the consignee without recourse on Earthwatch, shipper or consignee. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.

1st Copy - Earthwatch 2nd Copy - Driver 3rd Copy - Land Fill 4th Copy Shipper

NEWS NE : ONTARIO COUNTY LANDFILL
Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 107711
DATE: 10/31/2005
TIME: 11:36 - 11:36

CUSTOMER: LE00034 / EARTHWATCH WASTE SYSTEMS P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 111160 LBS
ORIGIN: ON / ONEIDA TARE: 38820 LBS
TRUCK: MAN42 TRAILER: NET: 72340 LBS
GENERATOR: NA / NON APPLICABLE PROFILE #: NA
HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE
COMMENT: app410 CELL/TRENCH: P4

MATERIAL	QUANTITY	UNIT
OC / ALTERNATIVE DAILY COVER	36.1700	ST

By signing below, I declare that I did NOT deposit any UNAPPROVED/PROHIBITED WASTES

Weighmaster: Driver:

IN: NANCY B: SCALE_OC OUT: NANCY B: SCALE_OC

Earthwatch
WASTE SYSTEMS, INC.

4950 Genesee Street
Suite 170
Buffalo, NY 14225
(716) 681-6433
FAX (716) 681-6165

352273

352273 Load #_____

NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
Mangiardi Trucking 4139 Rt. 20 Castleton NY	10/31/05		
	EWS# 7132		
TRUCK# 42	TRAILER# 24		

CONSIGNEE:	SHIPPER
News of New York, Inc. Postlane Road Rt. 5 & 20 (County Road 49) Stanley, NY 14561 (585) 526-5431 PHONE#	Air Force Real Property Agency 153 Brooks Road Rome, NY 13441

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Non-Hazardous Contaminated Soil	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Mark R Rabe PRINT NAME Mark R Rabe

DRIVER SIGNATURE Chris Hale PRINT NAME Chris Hale

SPECIAL INSTRUCTIONS:

Facility Hours: Monday to Friday - 7:00 am - 3:30 pm
Saturday - 7:00 am - 12 noon
Sunday - closed

Facility Directions: I-90 to Exit 42
Rt. 14 South
Go to Rt. 51 (20 West)

Approval #410

FOR APPROVAL:
CONSIGNEE PRINT NAME _____
CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM: _____ DATE _____
BY _____ TIME _____ ☐AM ☐PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material.

This shipment is to be delivered to the consignee without recourse on Earthwatch, shipper or consignee. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.

1st Copy - Earthwatch 2nd Copy - Driver 3rd Copy - Land Fill 4th Copy Shipper

MENG NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 107509
DATE: 11/01/2005
TIME: 07:02 - 07:33

CUSTOMER: LE00024 / EARTHWATCH WASTE SYSTEMS
HAULCOST: MD: 0 APPROVAL #:
ORIGIN: ON / ONEIDA
TRUCK: MAN18
GENERATOR: NA / NON APPLICABLE PROFILE #: NA
HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE
COMMENT: ahd#10

P.O.:
GROSS: 110840 LBS
TARE: 37140 LBS
NET: 73500 LBS
TRAILER:
DELIVTANK: P4

MATERIAL	QUANTITY	UNIT
AC - ALTERNATIVE DAILY COVER	36.8400	ST

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES

Weighmaster: _____ Driver: _____

IN: NANCY Sc: ROSCALE_OC OUT: NANCY S : ROSCALE_OC

Earthwatch
WASTE SYSTEMS, INC.

4950 Genesee Street
Suite 170
Buffalo, NY 14225
(716) 681-6433
FAX (716) 681-6165

352271

352271 Load # 02

NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
Mangiardi Bros. Trucking Castleton NY	10-31-05		
	EWS# 7132		
TRUCK# 48	TRAILER# 30		

CONSIGNEE:	SHIPPER
News of New York, Inc. Postlane Road Rt. 5 & 20 (County Road 49) Stanley, NY 14561 PHONE# (585) 526-5431	Air Force Real Property Agency 153 Brooks Road Rome, NY 13441

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
		WEIGHT IN
1	Non-Hazardous Contaminated Soil	WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Mark R Ryder PRINT NAME Mark R Ryder

DRIVER SIGNATURE Tom Vieta PRINT NAME Tom Vieta

SPECIAL INSTRUCTIONS:

Facility Hours: Monday to Friday - 7:00 am - 3:30 pm
Saturday - 7:00 am - 12 noon
Sunday - closed

Facility Directions: I-90 to Exit 42
Rt. 14 South
Go to Rt. 51 (20 West)

APPROVAL #~~940~~ 410

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM: _____ DATE _____

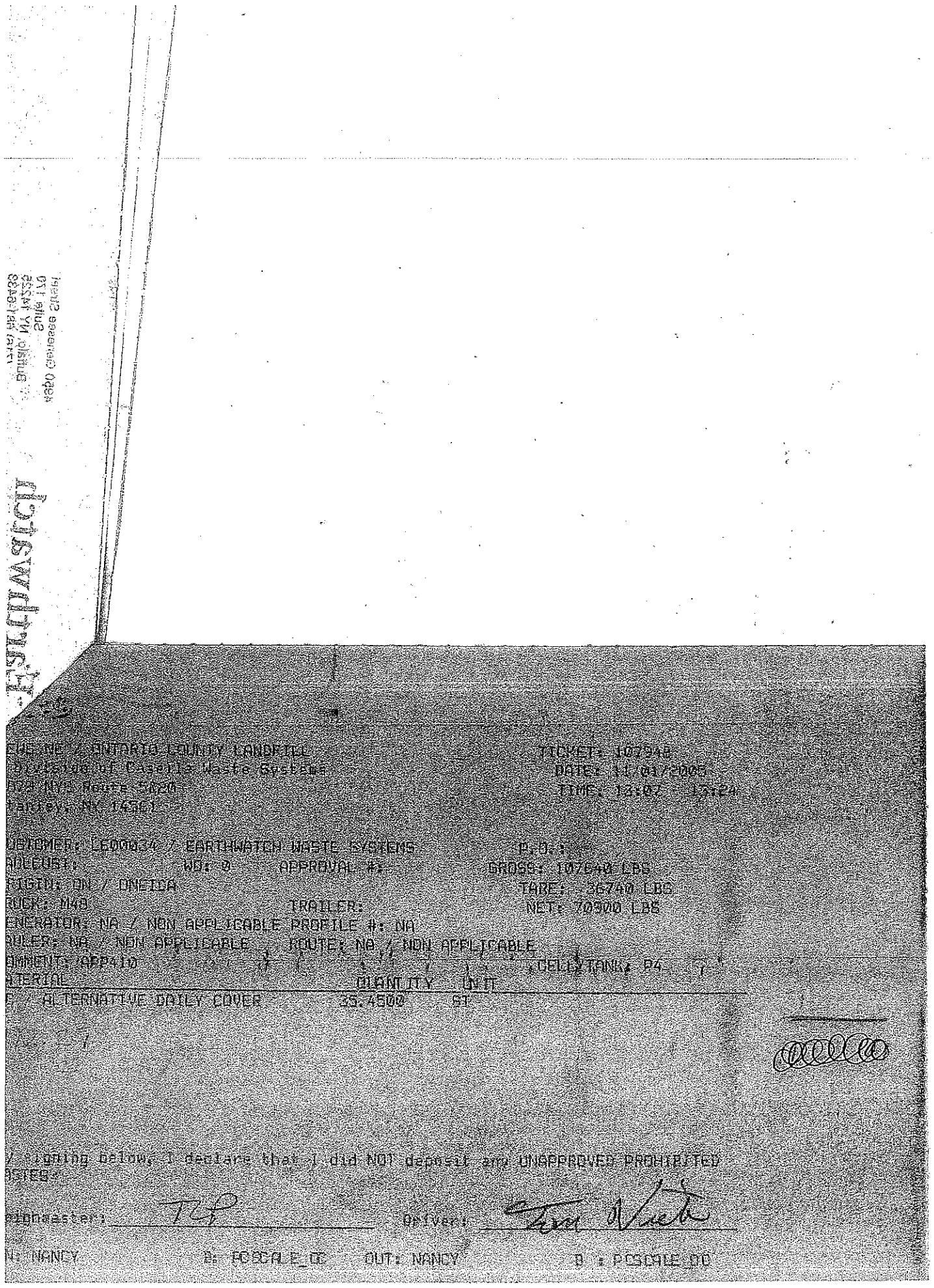
BY _____ TIME _____ ☐AM ☐PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

The transporter herein named agrees to hold harmless and to indemnify EWS against all losses and claims as a result of shipment of any material.

This shipment is to be delivered to the consignee without recourse on Earthwatch, shipper or consignee. The transporter shall not make delivery of this shipment without payment of freight and all other lawful charges.

1st Copy - Earthwatch 2nd Copy - Driver 3rd Copy - Land Fill 4th Copy Shipper



CUL NE / ONTARIO COUNTY LANDFILL
Division of Casella Waste Systems
024 NYS Route 5&20
Farley, NY 14461

TICKET: 107948
DATE: 11/01/2005
TIME: 13:07 13:24

USTOMER: EC00034 / EARTHWATCH WASTE SYSTEMS P.O.:
ARRIER: WO: 0 APPROVAL #: GROSS: 107640 LBS
RIGIN: ON / ONEIDA TARE: 36740 LBS
RUCK: N40 TRAILER: NET: 70900 LBS
ENERATOR: NA / NON APPLICABLE PROFILE #: NA
ULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE
OMMENTS: APP#10 CELL/TANK: P4

ATERIAL	QUANTITY	UNIT
E - ALTERNATIVE DAILY COVER	35.4500	ST

/ signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED
ASTES.

ighhaster: _____ Driver: _____

N: NANCY 2: PCSCALE_IC OUT: NANCY 2 : PCSCALE_DC

Earthwatch
WASTE SYSTEMS, INC.

4950 Genesee Street
Suite 170
Buffalo, NY 14225
(716) 681-6433
FAX (716) 681-6165

352270

352270 Load #_____

NON-HAZARDOUS WASTE SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
Mangiardi Bros Trucking Castleton N.Y.	1-1-05		
	EWS# 7132		
TRUCK# 48	TRAILER# 30		

CONSIGNEE:	SHIPPER
News of New York, Inc. Postlane Road Rt. 5 & 20 (County Road 49) Stanley, NY 14561 (585) 526-5431 PHONE#	Air Force Real Property Agency 153 Brooks Road Rome, NY 13441

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Non-Hazardous Contaminated Soil	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Mark R. Rhodes PRINT NAME Mark R. Rhodes

DRIVER SIGNATURE Tom Vieta PRINT NAME Tom Vieta

SPECIAL INSTRUCTIONS:

Facility Hours: Monday to Friday - 7:00 am - 3:30 pm
Saturday - 7:00 am - 12 noon
Sunday - closed

Facility Directions: I-90 to Exit 42
Rt. 14 South
Go to Rt. 51 (20 West)

Approval # ~~240~~ 410

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM: _____ DATE 11/01/05

BY _____ TIME _____ ☐AM ☐PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

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1st Copy - Earthwatch 2nd Copy - Driver 3rd Copy - Land Fill 4th Copy Shipper

ORC Design Software for Grid Applications Using Slurry Injection

August 2004

Regenesis Technical Support: USA (949) 366-8000 www.regenesis.com

Site Name:
Location:
Consultant:

Estimated Plume Requiring Treatment

Width of plume (intersecting gw flow direction)	150	ft		
Length of plume (parallel to gw flow direction)	50	ft	7,500	ft^2
Depth to contaminated zone	16	ft		
Thickness of contaminated saturated zone	8	ft		
Nominal aquifer soil (gravel, sand, silty sand, silt, clay)	silty sand			
Total porosity	0.4	Effective porosity:	0.2	
Hydraulic conductivity	10	ft/day	3.5E-03	cm/sec
Hydraulic gradient	0.005	ft/ft		
Seepage velocity	91.3	ft/yr	0.250	ft/day
Treatment Zone Pore Volume	24,000	ft^3	179,544	gallons

Dissolved Phase Oxygen Demand:	Contaminant Conc. (mg/L)	Contaminant Mass (lb)	Stoichiometry (wt/wt) O_2/contaminant	ORC Dose (lb)
Individual species that represent oxygen demand:				
Benzene	0.00	0.0	3.1	0
Toluene	0.00	0.0	3.1	0
Ethylbenzene	0.02	0.0	3.2	1
Xylenes	0.02	0.0	3.2	1
MTBE	0.00	0.0	2.7	0
cis-1,2-DCE	0.00	0.0	0.7	0
Vinyl Chloride	0.00	0.0	1.3	0
User added, add stoich. demand and Koc (see pull-down)	0.00	0.0	0.0	0
User added, add stoich. demand and Koc (see pull-down)	0.00	0.0	0.0	0
Reduced metals: Fe^{+2} and Mn^{+2}	10.00	15.0	0.10	15
TPH-g	<- pull-down menu			
Measures of total oxygen demand				
Total Petroleum Hydrocarbons (see pull-down for Koc)	10.00	15.0	3.1	464
Biological Oxygen Demand (BOD)	5.00	7.5	1.0	75
Chemical Oxygen Demand (COD)	10.00	15.0	1.0	150

Parameters for Sorbed Phase Oxygen Demand:

Soil bulk density	1.76	g/cm^3 =	110 lb/cf
Fraction of organic carbon (foc)	0.003	range: 0.0001 to 0.01	

(Estimated using sorbed phase = foc*Koc*Cgw)
(Adjust Koc as necessary to provide realistic estimates)

Individual species that represent oxygen demand:	Koc (L/kg)	Contaminant Conc. (mg/kg)	Contaminant Mass (lb)	Stoichiometry (wt/wt) O_2/contaminant	ORC Dose (lb)
Benzene	123	0.00	0.0	3.1	0
Toluene	267	0.00	0.0	3.1	0
Ethylbenzene	327	0.02	0.1	3.2	4
Xylenes	298	0.02	0.1	3.2	4
MTBE	12	0.00	0.0	2.7	0
cis-1,2-DCE	80	0.00	0.0	0.7	0
Vinyl Chloride	2.5	0.00	0.0	1.3	0
User added, add stoich. demand and Koc (see pull-down)	0.0	0.00	0.0	0.0	0
User added, add stoich. demand and Koc (see pull-down)	0.0	0.00	0.0	0.0	0
Measures of total oxygen demand					
Total Petroleum Hydrocarbons	0	0.00	0.0	3.1	0

Summary of Estimated ORC Requirements	Dissolved Phase ORC Demand (lbs)	Sorbed Phase ORC Demand (lbs)	Additional Demand Factor (1 to 10x)	Total ORC Demand	ORC Cost	
Total BTEX, MTBE, etc.	17	8	5.0	124	$1,500	<-
Total Petroleum Hydrocarbons	464	0	2.0	928	$9,300	
Biological Oxygen Demand (BOD)	75	75	2.0	299	$3,000	
Chemical Oxygen Demand (COD)	150	150	1.5	449	$4,500	

Required ORC quantity (in 30 lb increments) ----------> 150 pounds ORC

Delivery Design for ORC Slurry

Spacing within rows (ft)	15.0	feet	
# points per row	10	points/row	
Spacing between rows (ft)	15.0	ft	
# of rows	4	rows	
Advective travel time bet. rows (days)	60	days	
Number of points in grid	40	points	
ORC application rate Minimum Dose Override->	3.0	lbs/foot	
Total ORC required Minimum Dose Override->	**960**	lbs of ORC	

Slurry Mixing Volume for Injections

Pounds per location	24	pounds
Buckets per location	0.8	buckets
Design solids content (20-40% by wt. for injections)	30%	
Volume of water required per hole (gal)	7	gallons
Total water for mixing all holes (gal)	269	gallons
Simple ORC Backfilling: min hole dia. for 67% slurry	2.9	inches
Feasibility for slurry injection in sand: ok up to 15 lb/ft	(ok)	
Feasibility for slurry injection in silt: ok up to 10 lb/ft	(ok)	
Feasibility for slurry injection in clay: ok up to 10 lb/ft	(ok)	

Project Summary		
Number of ORC delivery points (adjust as necessary for site)	40	
ORC application rate in lbs/ft (adjust as necessary for site)	3.0	<-Minimum Dose Override
ORC bulk material for slurry injection (lbs)	960	
Number of 30 lb ORC buckets	32.0	
ORC bulk material cost	$ 10.00	
Cost for bulk ORC material	$ 9,600	#REF!
Shipping and Tax Estimates in US Dollars		
Sales Tax rate: 0.00%	$ -	
Total Material Cost	$ 9,600	
Shipping (call for amount)	$ -	
Total Regenesis Material Cost	**$ 9,600**	

ORC Slurry Injection Cost Estimate (responsibility of customer to contract work)		
Footage for each point = uncontaminated interval + ORC injection interval (ft)	24	
Total length for direct push for project (ft)	960	
Estimated daily installation rate (ft per day: 300 for push, 150 for drilling)	300	
Estimated points per day (10 to 30 is typical for direct push)	12.5	
Required number of days	4	
Mob/demob cost for injection subcontractor	$ 400	
Daily rate for injection subcontractor ($1-2K for push, $3-4K for drill rig)	$ 1,500	
Total injection subcontrator cost for application	$ 6,400	
Total Install Cost (not including consultant, lab, etc.)	**$ 16,000**	

Other Project Cost Estimates		
Design	$	-
Permitting and reporting	$	-
Construction management	$	-
Groundwater monitoring and rpts	$	-
Other	$	-
Other	$	-
Other	$	-
Other	$	-
Total Project Cost	**$**	**16,000**

Appendix B
Validated Lab Data

FPM-GROUP
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
Site Griffiss AFB TANK FARM 1/3
Water Sampling
Contract No. DACW41-02-D-0020

FPM Project No. 32-04-02

STL Job # A04-C895

Laboratory:	STL Buffalo
Sample Matrix:	Water
Number of Samples:	17
Analytical Protocol:	AFCEE QAPP, Version 3.1, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	December 30, 2004

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	*Date*	*QC Samples*	*Date*
TF3M11713LB	12/30/04	123004LE, 123004LF, 123004LR	12/30/04
TF3M11613LB	12/30/04	TF3M11613LC, TF3M11613LD, TF3M11613LS	12/30/04
TF3M119R12LB	12/30/04		
TF3M121R12LB	12/30/04		
TF3M12313LB	12/30/04		
TF3M12713LB	12/30/04		
TF3M12814LB	12/30/04		
TF3M13114LB	12/30/04		
TF3M13217LB	12/30/04		
TF3M13316LB	12/30/04		
TF3M2114LB	12/30/04		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.

LB – Primary environmental samples
LC – Field duplicate sample
LD – Matrix spike duplicate (MSD)
LE – Equipment blank
LF – Ambient blank
LR – Trip blank
LS – Matrix spike (MS)

DELIVERABLES

The data deliverable report was per requirements of the AFCEE QAPP 3.1 and approved variances. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the soil sample analysis was per methods as specified in the AFCEE Quality Assurance Project Plan, Version 3.1 and AFCEE approved laboratory variances. The analytical methods employed included SW-846: Volatile Organic Compounds (VOCs) by Method SW8260, Alkalinity by EPA Method 310.2, and Nitrate by Method 353.2.

VERIFICATION GUIDANCE

The analytical work was performed by Severn Trent Laboratory in accordance with the Air Force Center for Environmental Excellence (AFCEE), Quality Assurance Project Plan (QAPP), Version 3.1, with AFCEE approved laboratory variances. The data was verified according to the protocols and QC requirements of the respective analytical methods and of the QAPP Version 3.1. For data usability purposes all values were further evaluated, including positive and non-detect results that were qualified "R" (Rejected) according to QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the U.S. Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) National Functional Guidelines for Organic (and Inorganic) Data Review (February 1994), and the USACE Data Quality Evaluation Guidance CENWK-EC-EF (July 11, 2001).

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and reporting limits (MDL, RL)
- Holding times, sample preservation and storage
- MS tune performance
- Initial and Continuing calibration summaries
- Second source calibration verification summary
- Method blanks
- Ambient, equipment, and trip blanks (as applicable)
- Field duplicate results
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)

- Results reported between MDL and RL (F-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with AFCEE QAPP and USEPA criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

MISSING SAMPLES

None. All samples documented on the chain of custody were received by the laboratory.

SAMPLE LABELING

No problems were encountered with sample labeling and transcription to laboratory forms.

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between MDL and RL), the laboratory and/or data verifier qualified the subject results with an "F" flag. Since no qualification of associated field samples are required for blanks less than the RL, no further action was taken in such instances.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the laboratory analyzed the samples TF3M2114LB and TF3M119R12LB at a dilution of 1:5, and sample TF3M12313KB at 1:4, due to the presence of high levels of non-target compounds. Sample TF3M12713KB was analyzed at a dilution of 1:2 due to the presence of high levels of target compounds. The dilution results only are reported and are used in data verification as representing original results.

- The following table summarizes QC exceedances of the matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and/or RPDs for parent samples TF3M11613LB/LC. The spike analytes, MS recoveries, MSD recoveries, spike recovery QC limits, and RPDs and their QC limit between the MS and MSD are listed.

Parent Samples: TF3M11613LB/LC

Spike Compounds	MS %Rec	MSD %Rec	AFCEE QC Limits	STL QC Limits[1,2]	RPD % (AFCEE limit 20%)	STL QC Limit[1,2]	Flag Applied	Rationale
Acetone	***144***	***143***	40-135	56-142	0	NA	M	% Rec outside AFCEE and STL QC limits
2-Butanone	***214***	***220***	49-136	57-140	3	NA	M	% Rec outside AFCEE and STL QC limits
Sec-Butylbenzene	***65***	***68***	72-127	74-127	4	NA	M	% Rec outside AFCEE and STL QC limits
Isopropylbenzene	***38***	***41***	75-127	77-122	8	NA	M	% Rec outside AFCEE and STL QC limits
n-Propylbenzene	***32***	***35***	72-129	77-124	9	NA	M	% Rec outside AFCEE and STL QC limits
1,1,2-Trichloroethane	***134***	***180***	75-125	76-122	***29***	15	M	% Rec and RPD outside AFCEE and STL QC limits

[1]N/A = not available.
[2]Applicable only when %Rec or RPD exceeds AFCEE QC limits (NA = not applicable).

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices. Generally, these data alone cannot be used to evaluate the precision and accuracy of individual samples. A matrix spike and matrix spike duplicate analysis is an aliquot of sample spiked with known concentrations of all the analytes in the method. According to the AFCEE QAPP, the MS/MSD result is used to assess whether the sample matrix may bias the results. The AFCEE recommended frequency of analysis is one MS/MSD per 20 samples. Exceedances of either percent recovery (%Rec) control limits of spike concentrations or relative percent difference (RPD) control limits between the MS and MSD results, according to the QAPP require a "M" (matrix effect) qualifier for the specific analyte in all samples collected from

the same site matrix as the parent. However, due to the varied nature of environmental samples, such as locations, depths, physical characteristics (dissolved and suspended solids, turbidity, pH, organic content, etc.), it is difficult to assign one set of MS/MSD sample analysis as truly representative of an entire site matrix. Therefore, based on the definition of this type of QA/QC sample, using professional judgment it is deemed inappropriate to qualify more than the actual parent sample due to a percent recovery or RPD exceedance. This approach is in accordance with the EPA National Functional guidelines, which states that the MS/MSD results are not used alone to qualify the entire data package, however, can be used in conjunction with other QC criteria to determine the need for some qualification of the data. According to the approved AFCEE variance, STL may apply internal control limits as a second tier evaluation. If the data fails both first tier (AFCEE) and second tier (STL) evaluation, corrective action (i.e., "M" flags) shall be implemented. Using professional judgment, no corrective action and/or flagging is deemed required for minimal exceedances (i.e., within 1% of the control limits).

Corrective Action: "M" flags were applied to the results in parent samples TF3M11613LB/LC.

WET CHEMISTRY ANALYSES

- According to the case narrative, the laboratory analyzed the samples TF3M12713LB and TF3M12814LB at a dilution of 1:5 for total alkalinity. The dilution results only are reported and are used in data verification as representing original results.

- The following equipment blank sample analysis indicated a blank contaminant present at a concentration equal to or greater than the reporting limit (RL). The Blank ID, detected contaminant, and concentration are listed.

BLANK ID	Analyte	Concentration (mg/L)	REPORTING LIMIT (mg/L)	Samples Affected
123004LE	Total Alkalinity	13.8	5.0	None, all results > 5x blank concentration

The purpose of laboratory, equipment or trip blank analysis is to determine the existence and magnitude of contamination resulting from lab or field activities. If contamination is found in blanks the associated sample results for these analytes may be considered suspect. As per the QAPP, based on the blank contaminants present above the RL, results for the specific analytes in the associated environmental samples are qualified with a "B" flag. However, in accordance with the EPA National Functional Guidelines and consistent with USACE Data Evaluation Guidance, the "B" flag is **not** applied for sample results that are greater than five times (5x) the blank concentration. Thus the "B" flag is only applied to those samples for which the sample result is positive and less than five times (5x) the blank concentration.

Corrective Action: No "B" flags were applied since all field sample results were greater than 5x the blank concentration for total alkalinity.

- The following table summarizes QC exceedances of the matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and/or RPDs for parent samples TF3M11613LB/LC. The spike analytes, MS recoveries, MSD recoveries, spike recovery QC limits, and RPDs and their QC limit between the MS and MSD are listed.

Parent Sample: TF3M11613LB/LC

Spike Compounds	MS %Rec	MSD %Rec	AFCEE QC Limits	STL QC Limits[1,2]	RPD % (AFCEE limit 20%)	STL QC Limit[1,2]	Flag Applied	Rationale
Total Alkalinity	67	90	22-128	NA	***29***	N/A	M	RPD outside AFCEE and STL QC limits

[1]N/A = not available.
[2]Applicable only when %Rec or RPD exceeds AFCEE QC limits (NA = not applicable).

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices. Generally, these data alone cannot be used to evaluate the precision and accuracy of individual samples. A matrix spike and matrix spike duplicate analysis is an aliquot of sample spiked with known concentrations of all the analytes in the method. According to the AFCEE QAPP, the MS/MSD result is used to assess whether the sample matrix may bias the results. The AFCEE recommended frequency of analysis is one MS/MSD per 20 samples. Exceedances of either percent recovery (%Rec) control limits of spike concentrations or relative percent difference (RPD) control limits between the MS and MSD results, according to the QAPP require a "M" (matrix effect) qualifier for the specific analyte in all samples collected from the same site matrix as the parent. However, due to the varied nature of environmental samples, such as locations, depths, physical characteristics (dissolved and suspended solids, turbidity, pH, organic content, etc.), it is difficult to assign one set of MS/MSD sample analysis as truly representative of an entire site matrix. Therefore, based on the definition of this type of QA/QC sample, using professional judgment it is deemed inappropriate to qualify more than the actual parent sample due to a percent recovery or RPD exceedance. This approach is in accordance with the EPA National Functional guidelines, which states that the MS/MSD results are not used alone to qualify the entire data package, however, can be used in conjunction with other QC criteria to determine the need for some qualification of the data. According to the approved AFCEE variance, STL may apply internal control limits as a second tier evaluation. If the data fails both first tier (AFCEE) and second tier (STL) evaluation, corrective action (i.e., "M" flags) shall be implemented. Using professional judgment, no corrective action and/or flagging is deemed required for minimal exceedances (i.e., within 1% of the %Rec control limits).

Corrective Action: An "M" flag was applied to the results as shown in the table above for parent samples TF3M11613LB/LC only.

- Field duplicate samples, which are collected at the same location and at the same time using identical collection, handling, and analytical procedures, are used to assess precision of the sample collection process. The AFCEE QAPP requires qualification of data for field duplicates criterion if the duplicate samples contain detected compounds with concentrations

above the reporting limits (RL's) and the relative percent differences (RPD's) between the duplicate sample results exceed AFCEE QAPP's RPD control limits. If these conditions are met for any analytes in the field duplicate samples, per the AFCEE QAPP, the specific analytes in all samples collected on the same sampling date are to be qualified as estimated ("J") for positive results and rejected ("R") for nondetects. For data usability purposes, the USACE DQEG conditions will be followed for determining the need for qualification of data. Using professional judgment, it is deemed inappropriate to consider any set of field duplicate samples to be truly representative of a site or sampling event. Therefore, if qualification of data is needed, then only the parent-duplicate sample set will be qualified as estimated ("J") for positive results and rejected ("R") for non-detects, and no action will be taken for this criterion in all the other samples collected on the same sampling date.

The following table summarizes QC exceedances of the relative percent differences (RPD's) of field duplicate samples TF3M11613LB and TF3M11613LC.

Sample ID, Normal	***Sample ID, Field Duplicate***	***Analyte***	***Normal Result (mg/L-N)***	***Field Dup Result (mg/L-N)***	***MDL (mg/L-N)***	***RPD %***	***Flag Applied***	***Rationale***
TF3M11613LB	TF3M11613LC	Nitrate	0.31	0.093	0.036	108	J	RPD>20%

Corrective Action: Nitrate exhibited an RPD exceedance (above AFCEE's 20% limit). As discussed above, "J" qualifiers are applied to the nitrate results of samples TF3M11613LB and TF3M11613LC and the results are considered estimated. It should be noted that these samples were reanalyzed; the result for TF3M11613LC (reanalysis) was 0.35 mg/L-N, and for TF3M11613LC (reanalysis) was 0.16 mg/L-N. However, the reanalyses was performed outside of holding time, so the reanalysis results are rejected and are not considered usable.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results of the samples for VOCs are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

Wet Chemistry

Based on the evaluation of all information in the analytical data groups, the wet chemistry results are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # A04-C895 are valid and usable with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 2/2/05

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Definition of AFCEE Data Qualifiers
- Definition of USEPA Data Qualifiers
- Qualified final data verification results on annotated Lab Sheet 2s

METHOD 8260 DATA

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98

AAB #: A5B00194

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
TF3M11613LB	A4C89502
TF3M11613LC	A4C89502FD
TF3M11613LD	A4C89502SD
TF3M11613LS	A4C89502MS
TF3M11713LB	A4C89503
TF3M119R12LB	A4C89504
TF3M121R12LB	A4C89505
TF3M12313LB	A4C89506
TF3M12713LB	A4C89507
TF3M12814LB	A4C89508
TF3M13114LB	A4C89509
TF3M13217LB	A4C89510
TF3M2114LB	A4C89501

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/28/15 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U M
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U M
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

cnt 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLORDETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.21	1.00	N/A	F
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	19	1.00	N/A	M
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U M
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	3.8	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	19	1.00	N/A	M
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	14	1.00	N/A	M
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	2.3	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AWK 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	100	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	93	72 - 119	
DIBROMOFLUOROMETHANE	86	85 - 115	

CAK 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2372344	1228596 - 4914384	
CHLOROBENZENE-d5	1018169	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	776517	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	UM
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	UM
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

WK 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.21	1.00	N/A	F
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	18	1.00	N/A	M
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	UM
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	3.7	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	18	1.00	N/A	M
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	14	1.00	N/A	M
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	2.3	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

WA 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	101	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	87	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2676022	1228596 - 4914384	
CHLOROBENZENE-d5	1099194	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	842021	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	5.9	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.48	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	3.7	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	5.3	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	1.8	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	94	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

CWK 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2819540	1228596 - 4914384	
CHLOROBENZENE-d5	1178110	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	913953	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	1.2	5.00	N/A	U
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
n-PROPYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	1.7	5.00	N/A	U
NAPHTHALENE	0.57	5.0	0.57	5.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	0.97	5.00	N/A	U
SEC-BUTYLBENZENE	1.3	5.0	1.3	5.00	N/A	U
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	88	85 - 115	

cont 1/21/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2824859	1228596 - 4914384	
CHLOROBENZENE-d5	1131232	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	892956	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

WA 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	1.8	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

CWS 2/9/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

cwk 2/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2704115	1228596 - 4914384	
CHLOROBENZENE-d5	1073139	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	838848	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.46	2.0	0.46	4.00	N/A	U
1,1,1-TRICHLOROETHANE	0.78	4.0	0.78	4.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.42	2.0	0.42	4.00	N/A	U
1,1,2-TRICHLOROETHANE	0.47	4.0	0.47	4.00	N/A	U
1,1-DICHLOROETHANE	0.63	4.0	0.63	4.00	N/A	U
1,1-DICHLOROETHENE	0.50	4.0	0.50	4.00	N/A	U
1,1-DICHLOROPROPENE	0.57	4.0	0.57	4.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.64	4.0	0.64	4.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.0	0.83	4.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.91	4.0	28	4.00	N/A	
1,2-DICHLOROETHANE	0.49	2.0	0.49	4.00	N/A	U
1,2-DICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.89	8.0	0.89	4.00	N/A	U
1,2-DICHLOROPROPANE	0.50	4.0	0.50	4.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.56	4.0	0.56	4.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.0	4.0	4.4	4.00	N/A	
1,3-DICHLOROBENZENE	0.51	4.0	0.51	4.00	N/A	U
1,3-DICHLOROPROPANE	0.50	2.0	0.50	4.00	N/A	U
1,4-DICHLOROBENZENE	0.55	2.0	0.55	4.00	N/A	U
1-CHLOROHEXANE	0.57	4.0	0.57	4.00	N/A	U
2,2-DICHLOROPROPANE	1.1	4.0	1.1	4.00	N/A	U
2-CHLOROTOLUENE	1.0	4.0	1.0	4.00	N/A	U
4-CHLOROTOLUENE	0.79	4.0	0.79	4.00	N/A	U
ACETONE	5.4	40	5.4	4.00	N/A	U
BENZENE	0.60	2.0	0.60	4.00	N/A	U
BROMOBENZENE	0.63	4.0	0.63	4.00	N/A	U
BROMOCHLOROMETHANE	0.54	4.0	0.54	4.00	N/A	U
BROMODICHLOROMETHANE	0.45	2.0	0.45	4.00	N/A	U
BROMOFORM	0.33	4.0	0.33	4.00	N/A	U

ant 2/2/05

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.52	12	0.52	4.00	N/A	U
CARBON TETRACHLORIDE	0.73	4.0	0.73	4.00	N/A	U
CHLOROBENZENE	0.58	2.0	0.58	4.00	N/A	U
CHLOROETHANE	0.55	4.0	0.55	4.00	N/A	U
CHLOROFORM	0.64	2.0	0.64	4.00	N/A	U
CHLOROMETHANE	0.84	4.0	0.84	4.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.57	4.0	0.57	4.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.41	2.0	0.41	4.00	N/A	U
DIBROMOCHLOROMETHANE	0.40	2.0	0.40	4.00	N/A	U
DIBROMOMETHANE	0.49	4.0	0.49	4.00	N/A	U
DICHLORODIFLUOROMETHANE	0.89	4.0	0.89	4.00	N/A	U
ETHYLBENZENE	0.58	4.0	0.58	4.00	N/A	U
HEXACHLOROBUTADIENE	0.92	2.4	0.92	4.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.99	4.0	56	4.00	N/A	
METHYLENE CHLORIDE	0.90	4.0	0.90	4.00	N/A	U
tert-BUTYL METHYL ETHER	0.38	20	0.38	4.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	4.8	40	4.8	4.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5.7	40	5.7	4.00	N/A	U
n-BUTYLBENZENE	0.87	4.0	0.90	4.00	N/A	F
n-PROPYLBENZENE	0.86	4.0	7.1	4.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.3	8.0	1.3	4.00	N/A	U
NAPHTHALENE	0.46	4.0	0.46	4.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.66	4.0	0.66	4.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.78	4.0	1.6	4.00	N/A	F
SEC-BUTYLBENZENE	1.0	4.0	2.0	4.00	N/A	F
STYRENE	0.50	4.0	0.50	4.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.65	4.0	0.65	4.00	N/A	U
t-BUTYLBENZENE	0.86	4.0	1.0	4.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.74	4.0	0.74	4.00	N/A	U
TOLUENE	0.68	4.0	0.68	4.00	N/A	U

cwk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.49	4.0	0.49	4.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.41	4.0	0.41	4.00	N/A	U
TRICHLOROFLUOROMETHANE	0.57	4.0	0.57	4.00	N/A	U
VINYL CHLORIDE	0.77	4.0	0.77	4.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	95	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	90	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

CAT 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2747433	1228596 - 4914384	
CHLOROBENZENE-d5	1102882	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	862668	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.23	1.0	0.23	2.00	N/A	U
1,1,1-TRICHLOROETHANE	0.39	2.0	0.39	2.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	1.0	0.21	2.00	N/A	U
1,1,2-TRICHLOROETHANE	0.24	2.0	0.24	2.00	N/A	U
1,1-DICHLOROETHANE	0.31	2.0	0.31	2.00	N/A	U
1,1-DICHLOROETHENE	0.25	2.0	0.25	2.00	N/A	U
1,1-DICHLOROPROPENE	0.28	2.0	0.28	2.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.32	2.0	0.32	2.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.42	2.0	0.42	2.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.27	2.0	0.27	2.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.46	2.0	40	2.00	N/A	
1,2-DICHLOROETHANE	0.24	1.0	0.24	2.00	N/A	U
1,2-DICHLOROBENZENE	0.27	2.0	0.27	2.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.44	4.0	0.44	2.00	N/A	U
1,2-DICHLOROPROPANE	0.25	2.0	0.25	2.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.28	2.0	0.28	2.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.50	2.0	0.50	2.00	N/A	U
1,3-DICHLOROBENZENE	0.25	2.0	0.25	2.00	N/A	U
1,3-DICHLOROPROPANE	0.25	1.0	0.25	2.00	N/A	U
1,4-DICHLOROBENZENE	0.28	1.0	0.28	2.00	N/A	U
1-CHLOROHEXANE	0.28	2.0	0.28	2.00	N/A	U
2,2-DICHLOROPROPANE	0.54	2.0	0.54	2.00	N/A	U
2-CHLOROTOLUENE	0.51	2.0	0.51	2.00	N/A	U
4-CHLOROTOLUENE	0.40	2.0	0.40	2.00	N/A	U
ACETONE	2.7	20	2.7	2.00	N/A	U
BENZENE	0.30	1.0	2.2	2.00	N/A	
BROMOBENZENE	0.32	2.0	0.32	2.00	N/A	U
BROMOCHLOROMETHANE	0.27	2.0	0.27	2.00	N/A	U
BROMODICHLOROMETHANE	0.22	1.0	0.22	2.00	N/A	U
BROMOFORM	0.17	2.0	0.17	2.00	N/A	U

CWK 1/29/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.26	6.0	0.26	2.00	N/A	U
CARBON TETRACHLORIDE	0.36	2.0	0.36	2.00	N/A	U
CHLOROBENZENE	0.29	1.0	0.29	2.00	N/A	U
CHLOROETHANE	0.28	2.0	0.28	2.00	N/A	U
CHLORDFORM	0.32	1.0	0.32	2.00	N/A	U
CHLOROMETHANE	0.42	2.0	0.42	2.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.28	2.0	0.28	2.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.21	1.0	0.21	2.00	N/A	U
DIBROMOCHLOROMETHANE	0.20	1.0	0.20	2.00	N/A	U
DIBROMOMETHANE	0.24	2.0	0.24	2.00	N/A	U
DICHLORODIFLUOROMETHANE	0.44	2.0	0.44	2.00	N/A	U
ETHYLBENZENE	0.29	2.0	30	2.00	N/A	
HEXACHLOROBUTADIENE	0.46	1.2	0.46	2.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.50	2.0	10	2.00	N/A	
METHYLENE CHLORIDE	0.45	2.0	0.45	2.00	N/A	U
tert-BUTYL METHYL ETHER	0.19	10	0.19	2.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	2.4	20	2.4	2.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	2.9	20	2.9	2.00	N/A	U
n-BUTYLBENZENE	0.44	2.0	0.49	2.00	N/A	F
n-PROPYLBENZENE	0.43	2.0	10	2.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.67	4.0	25	2.00	N/A	
NAPHTHALENE	0.23	2.0	12	2.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.33	2.0	0.33	2.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.39	2.0	0.74	2.00	N/A	F
SEC-BUTYLBENZENE	0.51	2.0	1.7	2.00	N/A	F
STYRENE	0.25	2.0	0.25	2.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.32	2.0	0.32	2.00	N/A	U
t-BUTYLBENZENE	0.43	2.0	0.43	2.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.37	2.0	0.37	2.00	N/A	U
TOLUENE	0.34	2.0	0.34	2.00	N/A	U

2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	2.0	0.24	2.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	2.0	0.20	2.00	N/A	U
TRICHLOROFLUOROMETHANE	0.29	2.0	0.29	2.00	N/A	U
VINYL CHLORIDE	0.39	2.0	0.39	2.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	76 - 119	
1,2-DICHLOROETHANE-d4	89	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

cwk 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2658705	1228596 - 4914384	
CHLOROBENZENE-d5	1065801	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	849748	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	8.3	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	2.7	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.25	1.00	N/A	F
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

cwk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	5.5	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	2.1	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	2.5	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	4.2	1.00	N/A	
NAPHTHALENE	0.11	1.0	2.4	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.75	1.00	N/A	F
SEC-BUTYLBENZENE	0.25	1.0	0.44	1.00	N/A	F
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

lwt 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	76 - 119	
1,2-DICHLOROETHANE-d4	90	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

clrk 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2633756	1228596 - 4914384	
CHLOROBENZENE-d5	1039580	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	832891	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

cwk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.47	1.00	N/A	F
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.27	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

cwk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4CB9509 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

WM 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2578199	1228596 - 4914384	
CHLOROBENZENE-d5	1012265	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	766919	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

2/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.57	1.00	N/A	
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.60	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

cwk 1/21/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2476834	1228596 - 4914384	
CHLOROBENZENE-d5	984808	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	759453	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B0D194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	29	5.00	N/A	
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	1.8	5.00	N/A	F
n-PROPYLBENZENE	1.1	5.0	6.7	5.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	2.8	5.00	N/A	F
NAPHTHALENE	0.57	5.0	1.2	5.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	4.0	5.00	N/A	F
SEC-BUTYLBENZENE	1.3	5.0	3.8	5.00	N/A	F
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	76 - 119	
1,2-DICHLOROETHANE-d4	85	72 - 119	
DIBROMOFLUOROMETHANE	88	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2102295	1228596 - 4914384	
CHLOROBENZENE-d5	861601	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	682936	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98

AAB #: A5B00232

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
123004LE	A4C89512
123004LF	A4C89513
123004LR	A4C89514
TF3M13316LB	A4C89511

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 1/28/05

Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	97	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	86	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

cwt 1/12/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2375196	1228596 - 4914384	
CHLOROBENZENE-d5	865166	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	625652	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LF Lab Sample ID: A4C89513 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LF Lab Sample ID: A4C89513 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LF Lab Sample ID: A4C89513 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	85	76 - 119	
1,2-DICHLOROETHANE-d4	90	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2278901	1228596 - 4914384	
CHLOROBENZENE-d5	836245	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	592306	374060 - 1496238	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LR Lab Sample ID: A4C89514 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LR Lab Sample ID: A4C89514 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LR Lab Sample ID: A4C89514 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	85	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2199908	1228596 - 4914384	
CHLOROBENZENE-d5	804274	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	590997	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	12	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	5.7	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	4.3	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.68	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	5.4	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.95	1.00	N/A	F
NAPHTHALENE	0.11	1.0	0.98	1.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.88	1.00	N/A	F
SEC-BUTYLBENZENE	0.25	1.0	4.1	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.45	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

ant 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	88	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

cnt 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2245456	1228596 - 4914384	
CHLOROBENZENE-d5	912584	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	701795	374060 - 1496238	

Comments:

WET CHEMISTRY DATA

Wet Chemistry Analysis

Client Sample No.: TF3M11613LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.31	J			353.2	12/31/2004
Total Alkalinity	MG/L	212	M			310.2	12/31/2004

Comments:

CWK 2/2/05

Wet Chemistry Analysis

Client Sample No.: 123004LE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89512

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2	12/31/2004
Total Alkalinity	MG/L	13.8				310.2	12/31/2004

Comments:

cnt 1/3/05

Wet Chemistry Analysis

Client Sample No.: TF3M11613LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502F1

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.16				353.2	01/04/2005

Comments:

- Do not use - EWK 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M11613LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502RE

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.35				353.2	01/04/2005

Comments:

— Do not use — cwk 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M11613LC

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502FD

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.093	J			353.2	12/31/2004
Total Alkalinity	MG/L	224	M			310.2	12/31/2004

Comments:

cwk 1/21/05

Wet Chemistry Analysis

Client Sample No.

TF3M11713LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89503

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.67				353.2	12/31/2004
Total Alkalinity	MG/L	244				310.2	12/31/2004

Comments:

Cont 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M119R12LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89504

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2	12/31/2004
Total Alkalinity	MG/L	97.7				310.2	12/31/2004

Comments:

cwk 2/2/05

Wet Chemistry Analysis

Client Sample No.

TF3M121R12LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89505

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.4				353.2	12/31/2004
Total Alkalinity	MG/L	202				310.2	12/31/2004

Comments:

mdk 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M12313LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89506

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.040		F		353.2	12/31/2004
Total Alkalinity	MG/L	205				310.2	12/31/2004

Comments:

CWK 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M12713LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89507

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.36				353.2	12/31/2004
Total Alkalinity	MG/L	314				310.2	12/31/2004

Comments:

CWK 2/7/05

Wet Chemistry Analysis

Client Sample No.: TF3M12814LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89508

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.12				353.2	12/31/2004
Total Alkalinity	MG/L	381				310.2	12/31/2004

Comments:

cwk 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M13114LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89509

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.95				353.2	12/31/2004
Total Alkalinity	MG/L	187				310.2	12/31/2004

Comments:

WK 2/3/05

Wet Chemistry Analysis

Client Sample No.: TF3M13217LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89510

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.7				353.2	12/31/2004
Total Alkalinity	MG/L	233				310.2	12/31/2004

Comments:

cwk 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M13316LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89511

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.59				353.2	12/31/2004
Total Alkalinity	MG/L	226				310.2	12/31/2004

Comments:

CWK 2/2/05

Wet Chemistry Analysis

Client Sample No.: TF3M2114LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89501

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2	12/31/2004
Total Alkalinity	MG/L	174				310.2	12/31/2004

Comments:

ecn 4/2/05

FPM-GROUP
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
Site Griffiss AFB TANK FARM 1/3
Water Sampling
Contract No. DACW41-02-D-0020

FPM Project No. 32-04-02

STL Job # A05-0038

Laboratory:	STL Buffalo
Sample Matrix:	Water
Number of Samples:	3
Analytical Protocol:	AFCEE QAPP, Version 3.1, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	January 3, 2005

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	*Date*	*QC Samples*	*Date*
TF3CE313LB	1/3/05	100305LE	1/3/05
TF3M12613LB	1/3/05		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
LB – Primary environmental samples
LE – Equipment blank

DELIVERABLES

The data deliverable report was per requirements of the AFCEE QAPP 3.1 and approved variances. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the soil sample analysis was per methods as specified in the AFCEE Quality Assurance Project Plan, Version 3.1 and AFCEE approved laboratory variances. The analytical methods employed included SW-846: Volatile Organic Compounds (VOCs) by Method SW8260, Alkalinity by EPA Method 310.2, and Nitrate by Method 353.2.

VERIFICATION GUIDANCE

The analytical work was performed by Severn Trent Laboratory in accordance with the Air Force Center for Environmental Excellence (AFCEE), Quality Assurance Project Plan (QAPP), Version 3.1, with AFCEE approved laboratory variances. The data was verified according to the protocols and QC requirements of the respective analytical methods and of the QAPP Version 3.1. For data usability purposes all values were further evaluated, including positive and non-detect results that were qualified "R" (Rejected) according to QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the U.S. Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) National Functional Guidelines for Organic (and Inorganic) Data Review (February 1994), and the USACE Data Quality Evaluation Guidance CENWK-EC-EF (July 11, 2001).

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and reporting limits (MDL, RL)
- Holding times, sample preservation and storage
- MS tune performance
- Initial and Continuing calibration summaries
- Second source calibration verification summary
- Method blanks
- Ambient, equipment, and trip blanks (as applicable)
- Field duplicate results
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)

- Results reported between MDL and RL (F-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with AFCEE QAPP and USEPA criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

MISSING SAMPLES

None. All samples documented on the chain of custody were received by the laboratory.

SAMPLE LABELING

No problems were encountered with sample labeling and transcription to laboratory forms.

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between MDL and RL), the laboratory and/or data verifier qualified the subject results with an "F" flag. Since no qualification of associated field samples are required for blanks less than the RL, no further action was taken in such instances.

MS/MSD

For nitrate, the lab performed a matrix spike sample for parent sample 100305LE. However, this sample was not requested by the client in the chain-of-custody; therefore, no action was taken for the MS/MSD criterion.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- There were no exceedances for VOCs.

WET CHEMISTRY ANALYSES

- According to the case narrative, the laboratory analyzed the sample TF3M12613LB at a dilution of 1:5 for total alkalinity. The dilution results only are reported and are used in data verification as representing original results.

- The following equipment blank sample analysis indicated a blank contaminant present at a concentration equal to or greater than the reporting limit (RL). The Blank ID, detected contaminant, and concentration are listed.

BLANK ID	Analyte	Concentration (mg/L)	REPORTING LIMIT (mg/L)	Samples Affected
100305LE	Total Alkalinity	9.0	5.0	None, all results > 5x blank concentration

The purpose of laboratory, equipment or trip blank analysis is to determine the existence and magnitude of contamination resulting from lab or field activities. If contamination is found in blanks the associated sample results for these analytes may be considered suspect. As per the QAPP, based on the blank contaminants present above the RL, results for the specific analytes in the associated environmental samples are qualified with a "B" flag. However, in accordance with the EPA National Functional Guidelines and consistent with USACE Data Evaluation Guidance, the "B" flag is **not** applied for sample results that are greater than five times (5x) the blank concentration. Thus the "B" flag is only applied to those samples for which the sample result is positive and less than five times (5x) the blank concentration.
Corrective Action: No "B" flags were applied since all field sample results were greater than 5x the blank concentration for total alkalinity.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results of the samples for VOCs are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

Wet Chemistry

Based on the evaluation of all information in the analytical data groups, the wet chemistry results are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # A05-0038 are valid and usable with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 2/2/05

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Definition of AFCEE Data Qualifiers
- Definition of USEPA Data Qualifiers
- Qualified final data verification results on annotated Lab Sheet 2s

METHOD 8260 DATA

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98

AAB #: A5B00232

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
100305LE	A5003803
TF3CE313LB	A5003802

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 1/6/05

Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

CMA 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

CWT 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	87	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

CAK 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2647902	1228596 - 4914384	
CHLOROBENZENE-d5	994757	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	741939	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

cwk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	3.4	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.37	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	3.4	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.71	1.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	2.9	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	1.7	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	0.46	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

Cwk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	87	76 - 119	
1,2-DICHLOROETHANE-d4	93	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

ewk 2/2/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2687876	1228596 - 4914384	
CHLOROBENZENE-d5	1052307	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	785976	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4ID001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	1.0	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.77	1.00	N/A	F
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.96	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

cmk 2/2/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	85	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	86	85 - 115	

cwk 1/12/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2292785	1228596 - 4914384	
CHLOROBENZENE-d5	930007	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	672312	374060 - 1496238	

Comments:

WET CHEMISTRY DATA

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
100305LE	A5003803
100305LE	A5003803MS
TF3CE313LB	A5003802
TF3M12613LB	A5003801

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/26/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.67	1.00	

Comments:

COA 2/2/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.17	1.00	

Comments:

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_____

CWK 2/2/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

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cwk 2/2/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803MS Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.0	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
100305LE	A5003803
TF3CE313LB	A5003802
TF3M12613LB	A5003801

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/26/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	271	5.00	

Comments:

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AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	210	1.00	

Comments:

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CLM 2/2/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	9.0	1.00	

Comments:

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cwk 2/2/05

FPM-GROUP
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
Site Griffiss AFB TANK FARM 1/3
Water Sampling
Contract No. DACW41-02-D-0020

FPM Project No. 32-04-02

STL Job # A05-2831

Laboratory:	STL Buffalo
Sample Matrix:	Water
Number of Samples:	19
Analytical Protocol:	AFCEE QAPP, Version 3.1, with AFCEE-approved lab variances
Data Reviewer:	Connie van Hoesel
Sample Date:	March 29, 2005

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	*Date*	*QC Samples*	*Date*
TF3M11613MA	3/29/05	TF3M11613MC, TF3M11613MD, TF3M11613MS	3/29/05
TF3M11713MA	3/29/05	032905ME, 032905MF, 032905MR	3/29/05
TF3M119R13MA	3/29/05		
TF3M121R12MA	3/29/05		
TF3M12313MA	3/29/05		
TF3M12613MA	3/29/05		
TF3M12814MA	3/29/05		
TF3M13114MA	3/29/05		
TF3M13217MA	3/29/05		
TF3M13316MA	3/29/05		
TF3M2114MA	3/29/05		
TF3CE313MA	3/29/05		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.

MA – Primary environmental samples
MC – Field duplicate sample
MD – Matrix spike duplicate (MSD)
ME – Equipment blank
MF – Ambient blank
MR – Trip blank
MS – Matrix spike (MS)

DELIVERABLES

The data deliverable report was per requirements of the AFCEE QAPP 3.1 and approved variances. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the soil sample analysis was per methods as specified in the AFCEE Quality Assurance Project Plan, Version 3.1 and AFCEE approved laboratory variances. The analytical methods employed included SW-846: Volatile Organic Compounds (VOCs) by Method SW8260, Semivolatile Organic Compounds (SVOCs) by Method SW8270, Alkalinity by EPA Method 310.2, and Nitrate by Method 353.2.

VERIFICATION GUIDANCE

The analytical work was performed by Severn Trent Laboratory in accordance with the Air Force Center for Environmental Excellence (AFCEE), Quality Assurance Project Plan (QAPP), Version 3.1, with AFCEE approved laboratory variances. The data was verified according to the protocols and QC requirements of the respective analytical methods and of the QAPP Version 3.1. For data usability purposes all values were further evaluated, including positive and non-detect results that were qualified "R" (Rejected) according to QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the U.S. Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) National Functional Guidelines for Organic (and Inorganic) Data Review (February 1994), and the USACE Data Quality Evaluation Guidance CENWK-EC-EF (July 11, 2001).

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and reporting limits (MDL, RL)
- Holding times, sample preservation and storage
- MS tune performance
- Initial and Continuing calibration summaries
- Second source calibration verification summary
- Method blanks
- Ambient, equipment, and trip blanks (as applicable)
- Field duplicate results
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)

- Results reported between MDL and RL (F-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with AFCEE QAPP and USEPA criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

MISSING SAMPLES

None. All samples documented on the chain of custody were received by the laboratory.

SAMPLE LABELING

No problems were encountered with sample labeling and transcription to laboratory forms.

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between MDL and RL), the laboratory and/or data verifier qualified the subject results with an "F" flag. Since no qualification of associated field samples are required for blanks less than the RL, no further action was taken in such instances.

MS/MSD

For SVOCs, the lab performed matrix spike and matrix spike duplicate samples for parent sample TF3M121R12MA. However, these samples were not requested by the client in the chain-of-custody; therefore, no action was taken for the MS/MSD criterion.

VOLATILE ORGANIC COMPOUNDS (VOCs)

- According to the case narrative, the laboratory analyzed the samples TF3M2114MA and TF3M119R13MA at a dilution of 1:5, and sample TF3M12313MA at 1:4, due to the presence of high levels of non-target compounds. The dilution results only are reported and are used in data verification as representing original results.

- Field duplicate samples, which are collected at the same location and at the same time using identical collection, handling, and analytical procedures, are used to assess precision of the sample collection process. The AFCEE QAPP requires qualification of data for field duplicates criterion if the duplicate samples contain detected compounds with concentrations above the reporting limits (RL's) and the relative percent differences (RPD's) between the duplicate sample results exceed AFCEE QAPP's RPD control limits. If these conditions are met for any analytes in the field duplicate samples, per the AFCEE QAPP, the specific analytes in all samples collected on the same sampling date are to be qualified as estimated ("J") for positive results and rejected ("R") for nondetects. However, the USACE DQEG requires qualification of data for field duplicates criterion (for metals and VOCs only) if the duplicate samples contain detected compounds with concentrations above 10 times (10x) the method detection limit (MDL) and the relative percent differences (RPD's) between the duplicate sample results exceed USACE DQEG's RPD control limits. For data usability purposes, the USACE DQEG conditions will be followed for determining the need for qualification of data. Using professional judgment, it is deemed inappropriate to consider any set of field duplicate samples to be truly representative of a site or sampling event. Therefore, if qualification of data is needed, then only the parent-duplicate sample set will be qualified as estimated ("J") for positive results and rejected ("R") for non-detects, and no action will be taken for this criterion in all the other samples collected on the same sampling date.

  The following table summarizes QC exceedances of the relative percent differences (RPD's) of field duplicate samples TF3M11613MA and TF3M11613MC.

Sample ID, Normal	***Sample ID, Field Duplicate***	***Analyte***	***Normal Result (µg/L)***	***Field Dup Result (µg/L)***	***MDL (µg/L)***	***RPD***	***Flag Applied***	***Rationale***
TF3M11613MA	TF3M11613MC	Isopropylbenzene	9.4	6.1	0.25	***42.6***	M	Matrix effect present
TF3M11613MA	TF3M11613MC	n-Butylbenzene	3.3	1.9	0.22	***53.8***	J	RPD>30% and Results>10xMDL
TF3M11613MA	TF3M11613MC	n-Propylbenzene	9.3	5.9	0.21	***44.7***	M	Matrix effect present
TF3M11613MA	TF3M11613MC	sec-Butylbenzene	8.0	5.2	0.25	***42.4***	M	Matrix effect present
TF3M11613MA	TF3M11613MC	t-Butylbenzene	1.8	1.2	0.21	***40***	J	RPD>30% and Results>10xMDL

- **Corrective Action:** The analytes above exhibited RPD exceedances (above AFCEE's 20% limit). As discussed above, applying USACE DQEG's guidance for data usability purposes, "J" qualifiers are applied to the n-Butylbenzene and t-Butylbenzene results of samples

TF3M11613MA and TF3M11613MC and the results are considered estimated. The results for isopropylbenzene, n-propylbenzene, and sec-butylbenzene indicated a matrix effect (see below). Although these analytes also indicated RPDs greater than 30%, in accordance with the AFCEE QAPP, only an "M" qualifier is applied to these results (the "M" qualifier takes precedence over the "J" qualifier).

- The following table summarizes QC exceedances of the matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and/or RPDs for parent samples TF3M11613MA/MC. The spike analytes, MS recoveries, MSD recoveries, spike recovery QC limits, and RPDs and their QC limit between the MS and MSD are listed.

Parent Samples: TF3M11613MA/MC

Spike Compounds	MS %Rec	MSD %Rec	AFCEE QC Limits	STL QC Limits[1,2]	RPD % (AFCEE limit 20%)	STL QC Limit[1,2]	Flag Applied	Rationale
1,2,4-Trimethylbenzene	***64***	***61***	74-132	76-121	5	NA	M	% Rec outside AFCEE and STL QC limits
1,3,5-Trimethylbenzene	***51***	***49***	74-131	77-121	4	NA	M	% Rec outside AFCEE and STL QC limits
Sec-Butylbenzene	***70***	***73***	72-127	74-127	4	NA	M	% Rec outside AFCEE and STL QC limits
Isopropylbenzene	***49***	***52***	75-127	77-122	6	NA	M	% Rec outside AFCEE and STL QC limits
n-Propylbenzene	***53***	***55***	72-129	77-124	4	NA	M	% Rec outside AFCEE and STL QC limits
Styrene	***22***	***24***	65-134	81-124	9	NA	M	% Rec outside AFCEE and STL QC limits

[1]N/A = not available.
[2]Applicable only when %Rec or RPD exceeds AFCEE QC limits (NA = not applicable).

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices. Generally, these data alone cannot be used to evaluate the precision and accuracy of individual samples. A matrix spike and matrix spike duplicate analysis is an aliquot of sample spiked with known concentrations of all the analytes in the method. According to the AFCEE QAPP, the MS/MSD result is used to assess whether the sample matrix may bias the results. The AFCEE recommended frequency of analysis is one MS/MSD per 20 samples. Exceedances of either percent recovery (%Rec) control limits of spike concentrations or relative percent difference (RPD) control limits between the MS and MSD results, according to the QAPP require a "M" (matrix effect) qualifier for the specific analyte in all samples collected from the same site matrix as the parent. However, due to the varied nature of environmental samples, such as locations, depths, physical characteristics (dissolved and suspended solids,

turbidity, pH, organic content, etc.), it is difficult to assign one set of MS/MSD sample analysis as truly representative of an entire site matrix. Therefore, based on the definition of this type of QA/QC sample, using professional judgment it is deemed inappropriate to qualify more than the actual parent sample due to a percent recovery or RPD exceedance. This approach is in accordance with the EPA National Functional guidelines, which states that the MS/MSD results are not used alone to qualify the entire data package, however, can be used in conjunction with other QC criteria to determine the need for some qualification of the data. According to the approved AFCEE variance, STL may apply internal control limits as a second tier evaluation. If the data fails both first tier (AFCEE) and second tier (STL) evaluation, corrective action (i.e., "M" flags) shall be implemented. Using professional judgment, no corrective action and/or flagging is deemed required for minimal exceedances (i.e., within 1% of the control limits).

Corrective Action: "M" flags were applied to the results in parent samples TF3M11613MA/MC.

SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

- There were no exceedances for SVOCs.

WET CHEMISTRY ANALYSES

- According to the case narrative, the laboratory analyzed the samples TF3M11713MA, TF3M12713MA, TF3M12814MA, and TF3M13316MA at a dilution of 1:5 for total alkalinity. The dilution results only are reported and are used in data verification as representing original results.

- The purpose of laboratory or field blank analysis is to determine the existence and magnitude of contamination resulting from lab or field activities. The following blank sample analyses indicated a blank contaminant present at a concentration equal to or greater than the reporting limit (RL). The Blank ID, detected contaminant, and concentration are listed.

BLANK ID	Analyte	Concentration (mg/L)	REPORTING LIMIT (mg/L)	Samples Affected
Method Blank A5B0443002	Alkalinity	8.4	5.0	032905ME only
032905ME	Alkalinity	6.7	5.0	None, all results > 5x equipment blank concentration

The purpose of laboratory, equipment or trip blank analysis is to determine the existence and magnitude of contamination resulting from lab or field activities. If contamination is found in blanks the associated sample results for these analytes may be considered suspect. As per the QAPP, based on the blank contaminants present above the RL, results for the specific analytes in the associated environmental samples are qualified with a "B" flag. However, in accordance with the EPA National Functional Guidelines and consistent with USACE Data

Evaluation Guidance, the "B" flag is **not** applied for sample results that are greater than five times (5x) the blank concentration. Thus the "B" flag is only applied to those samples for which the sample result is positive and less than five times (5x) the blank concentration.
Corrective Action: With respect to the detection in method blank sample A5B0443002, a "B" flag was applied to the equipment blank 032905ME result only, since field sample results were greater than 5x the method blank concentration for total alkalinity. With respect to the detection in equipment blank sample 032905ME, no "B" flags were applied since all field sample results were greater than 5x the equipment blank concentration for total alkalinity.

- The following table summarizes QC exceedances of the matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and/or RPDs for parent samples TF3M11613MA/MC. The spike analytes, MS recoveries, MSD recoveries, spike recovery QC limits, and RPDs and their QC limit between the MS and MSD are listed.

Parent Sample: TF3M11613MA/MC

Spike Compounds	MS %Rec	MSD %Rec	AFCEE QC Limits	STL QC Limits[1,2]	RPD % (AFCEE limit 20%)	STL QC Limit[1,2]	Flag Applied	Rationale
Total Alkalinity	78	63	22-128	NA	***21***	N/A	M	RPD outside AFCEE and STL QC limits

[1]N/A = not available.
[2]Applicable only when %Rec or RPD exceeds AFCEE QC limits (NA = not applicable).

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices. Generally, these data alone cannot be used to evaluate the precision and accuracy of individual samples. A matrix spike and matrix spike duplicate analysis is an aliquot of sample spiked with known concentrations of all the analytes in the method. According to the AFCEE QAPP, the MS/MSD result is used to assess whether the sample matrix may bias the results. The AFCEE recommended frequency of analysis is one MS/MSD per 20 samples. Exceedances of either percent recovery (%Rec) control limits of spike concentrations or relative percent difference (RPD) control limits between the MS and MSD results, according to the QAPP require a "M" (matrix effect) qualifier for the specific analyte in all samples collected from the same site matrix as the parent. However, due to the varied nature of environmental samples, such as locations, depths, physical characteristics (dissolved and suspended solids, turbidity, pH, organic content, etc.), it is difficult to assign one set of MS/MSD sample analysis as truly representative of an entire site matrix. Therefore, based on the definition of this type of QA/QC sample, using professional judgment it is deemed inappropriate to qualify more than the actual parent sample due to a percent recovery or RPD exceedance. This approach is in accordance with the EPA National Functional guidelines, which states that the MS/MSD results are not used alone to qualify the entire data package, however, can be used in conjunction with other QC criteria to determine the need for some qualification of the data. According to the approved AFCEE variance, STL may apply internal control limits as a second tier evaluation. If the data fails both first tier (AFCEE) and second tier (STL)

evaluation, corrective action (i.e., “M” flags) shall be implemented. Using professional judgment, no corrective action and/or flagging is deemed required for minimal exceedances (i.e., within 1% of the %Rec control limits).

Corrective Action: An “M” flag was applied to the results as shown in the table above for parent samples TF3M11613MA/MC only.

DATA USABILITY RESULTS

VOCs

Based on the evaluation of all information in the analytical data groups, the results of the samples for VOCs are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

Wet Chemistry

Based on the evaluation of all information in the analytical data groups, the wet chemistry results are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

AFCEE SUMMARY

All data in Job # A05-2831 are valid and usable with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 5/7/05

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Definition of AFCEE Data Qualifiers
- Definition of USEPA Data Qualifiers
- Qualified final data verification results on annotated Lab Sheet 2s

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98

AAB #: A5B05305

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
032905ME	A5283113
032905MF	A5283112
032905MR	A5283114
TF3CE313MA	A5283101
TF3M11613MA	A5283102
TF3M11613MC	A5283102FD
TF3M11613MD	A5283102SD
TF3M11613MS	A5283102MS
TF3M11713MA	A5283103
TF3M119R13MA	A5283115
TF3M121R12MA	A5283116
TF3M12313MA	A5283104
TF3M12613MA	A5283105
TF3M12814MA	A5283107
TF3M13114MA	A5283108
TF3M13217MA	A5283109
TF3M13316MA	A5283110
TF3M2114MA	A5283111

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 4/29/05

Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLORODPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2640778	1347751 - 5391002	
CHLOROBENZENE-d5	1734243	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	806453	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5805305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MF Lab Sample ID: A5283112 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.6	1.00	N/A	F
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MF Lab Sample ID: A5283112 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MF Lab Sample ID: A5283112 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	90	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2676072	1347751 - 5391002	
CHLOROBENZENE-d5	1771920	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	825489	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MR Lab Sample ID: A5283114 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MR Lab Sample ID: A5283114 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MR Lab Sample ID: A5283114 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	96	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2533682	1347751 - 5391002	
CHLOROBENZENE-d5	1677332	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	778004	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.22	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	7.3	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.4	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	8.6	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	2.2	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	4.7	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.95	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.70	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

CWM 5/4/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	86	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	98	72 - 119	
DIBROMOFLUOROMETHANE	96	85 - 115	

CWA 5/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2561826	1347751 - 5391002	
CHLOROBENZENE-d5	1703518	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	794317	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	~~M~~ UM
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	~~M~~ UM
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.36	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.29	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	9.4	1.00	N/A	M (J)→M
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	3.3	1.00	N/A	J
n-PROPYLBENZENE	0.21	1.0	9.3	1.00	N/A	M
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.21	1.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	8.0	1.00	N/A	M
STYRENE	0.12	1.0	0.12	1.00	N/A	~~M~~ UM
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	1.8	1.00	N/A	J
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

cont
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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	87	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	96	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

CMS 5/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2709180	1347751 - 5391002	
CHLOROBENZENE-d5	1759487	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	815214	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U M
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U M
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.35	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.30	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	6.1	1.00	N/A	M
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.9	1.00	N/A	J
n-PROPYLBENZENE	0.21	1.0	5.9	1.00	N/A	M
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	5.2	1.00	N/A	M
STYRENE	0.12	1.0	0.12	1.00	N/A	UM
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	1.2	1.00	N/A	J
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

CWR 5/4/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	86	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	98	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

cwt 5/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2759856	1347751 - 5391002	
CHLOROBENZENE-d5	1788482	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	835641	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

cwt 5/4/05

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.38	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.49	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	3.9	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.66	1.00	N/A	F
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	2.3	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	2.0	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

Cust 5/4/05

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	84	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	76 - 119	
1,2-DICHLOROETHANE-d4	99	72 - 119	
DIBROMOFLUOROMETHANE	95	85 - 115	

cwk 5/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2749240	1347751 - 5391002	
CHLOROBENZENE-d5	1824458	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	856869	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	1.2	5.00	N/A	U
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
n-PROPYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	1.7	5.00	N/A	U
NAPHTHALENE	0.57	5.0	0.57	5.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	0.97	5.00	N/A	U
SEC-BUTYLBENZENE	1.3	5.0	1.3	5.00	N/A	U
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	95	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2725657	1347751 - 5391002	
CHLOROBENZENE-d5	1765408	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	838617	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	1.6	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2705949	1347751 - 5391002	
CHLOROBENZENE-d5	1773357	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	814719	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.46	2.0	0.46	4.00	N/A	U
1,1,1-TRICHLOROETHANE	0.78	4.0	0.78	4.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.42	2.0	0.42	4.00	N/A	U
1,1,2-TRICHLOROETHANE	0.47	4.0	0.47	4.00	N/A	U
1,1-DICHLOROETHANE	0.63	4.0	0.63	4.00	N/A	U
1,1-DICHLOROETHENE	0.50	4.0	0.50	4.00	N/A	U
1,1-DICHLOROPROPENE	0.57	4.0	0.57	4.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.64	4.0	0.64	4.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.0	0.83	4.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.91	4.0	19	4.00	N/A	
1,2-DICHLOROETHANE	0.49	2.0	0.49	4.00	N/A	U
1,2-DICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.89	8.0	0.89	4.00	N/A	U
1,2-DICHLOROPROPANE	0.50	4.0	0.50	4.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.56	4.0	0.56	4.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.0	4.0	2.7	4.00	N/A	F
1,3-DICHLOROBENZENE	0.51	4.0	0.51	4.00	N/A	U
1,3-DICHLOROPROPANE	0.50	2.0	0.50	4.00	N/A	U
1,4-DICHLOROBENZENE	0.55	2.0	0.55	4.00	N/A	U
1-CHLOROHEXANE	0.57	4.0	0.57	4.00	N/A	U
2,2-DICHLOROPROPANE	1.1	4.0	1.1	4.00	N/A	U
2-CHLOROTOLUENE	1.0	4.0	1.0	4.00	N/A	U
4-CHLOROTOLUENE	0.79	4.0	0.79	4.00	N/A	U
ACETONE	5.4	40	5.4	4.00	N/A	U
BENZENE	0.60	2.0	0.60	4.00	N/A	U
BROMOBENZENE	0.63	4.0	0.63	4.00	N/A	U
BROMOCHLOROMETHANE	0.54	4.0	0.54	4.00	N/A	U
BROMODICHLOROMETHANE	0.45	2.0	0.45	4.00	N/A	U
BROMOFORM	0.33	4.0	0.33	4.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.52	12	0.52	4.00	N/A	U
CARBON TETRACHLORIDE	0.73	4.0	0.73	4.00	N/A	U
CHLOROBENZENE	0.58	2.0	0.58	4.00	N/A	U
CHLOROETHANE	0.55	4.0	0.55	4.00	N/A	U
CHLOROFORM	0.64	2.0	0.64	4.00	N/A	U
CHLOROMETHANE	0.84	4.0	0.84	4.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.57	4.0	0.57	4.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.41	2.0	0.41	4.00	N/A	U
DIBROMOCHLOROMETHANE	0.40	2.0	0.40	4.00	N/A	U
DIBROMOMETHANE	0.49	4.0	0.49	4.00	N/A	U
DICHLORODIFLUOROMETHANE	0.89	4.0	0.89	4.00	N/A	U
ETHYLBENZENE	0.58	4.0	0.58	4.00	N/A	U
HEXACHLOROBUTADIENE	0.92	2.4	0.92	4.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.99	4.0	51	4.00	N/A	
METHYLENE CHLORIDE	0.90	4.0	0.90	4.00	N/A	U
tert-BUTYL METHYL ETHER	0.38	20	0.38	4.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	4.8	40	4.8	4.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5.7	40	5.7	4.00	N/A	U
n-BUTYLBENZENE	0.87	4.0	1.2	4.00	N/A	F
n-PROPYLBENZENE	0.86	4.0	6.2	4.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.3	8.0	1.3	4.00	N/A	U
NAPHTHALENE	0.46	4.0	0.46	4.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.66	4.0	0.66	4.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.78	4.0	1.4	4.00	N/A	F
SEC-BUTYLBENZENE	1.0	4.0	1.6	4.00	N/A	F
STYRENE	0.50	4.0	0.50	4.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.65	4.0	0.65	4.00	N/A	U
t-BUTYLBENZENE	0.86	4.0	0.96	4.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.74	4.0	0.74	4.00	N/A	U
TOLUENE	0.68	4.0	0.68	4.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.49	4.0	0.49	4.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.41	4.0	0.41	4.00	N/A	U
TRICHLOROFLUOROMETHANE	0.57	4.0	0.57	4.00	N/A	U
VINYL CHLORIDE	0.77	4.0	0.77	4.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2850739	1347751 - 5391002	
CHLOROBENZENE-d5	1832521	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	868879	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.26	1.00	N/A	F
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.29	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.33	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.86	1.00	N/A	F
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.25	1.00	N/A	F
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	1.0	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.87	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	88	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	99	72 - 119	
DIBROMOFLUOROMETHANE	99	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2586466	1347751 - 5391002	
CHLOROBENZENE-d5	1675169	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	776759	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	25	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	11	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	1.2	1.00	N/A	
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	17	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	9.0	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.8	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	12	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	12	1.00	N/A	
NAPHTHALENE	0.11	1.0	7.4	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	5.0	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	3.4	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.45	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2777958	1347751 - 5391002	
CHLOROBENZENE-d5	1823348	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	860898	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.30	1.00	N/A	F
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.29	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2717440	1347751 - 5391002	
CHLOROBENZENE-d5	1794683	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	837596	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.78	1.00	N/A	
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.65	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2716454	1347751 - 5391002	
CHLOROBENZENE-d5	1778371	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	823759	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	9.3	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	8.6	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.33	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.20	1.00	N/A	F
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	6.8	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.4	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	7.6	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	1.0	1.00	N/A	F
NAPHTHALENE	0.11	1.0	1.6	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	1.5	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	6.3	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.75	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

cwt 5/4/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	84	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

cwt 5/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2791629	1347751 - 5391002	
CHLOROBENZENE-d5	1838395	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	876594	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

cwt 5/4/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	24	5.00	N/A	
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	2.2	5.00	N/A	F
n-PROPYLBENZENE	1.1	5.0	5.4	5.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	3.2	5.00	N/A	F
NAPHTHALENE	0.57	5.0	1.6	5.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	3.8	5.00	N/A	F
SEC-BUTYLBENZENE	1.3	5.0	3.3	5.00	N/A	F
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

CWR 5/4/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	100	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

cwt 5/4/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2791835	1347751 - 5391002	
CHLOROBENZENE-d5	1808316	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	845806	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001378

Date Received: 30-Mar-2005 Date Prepared: 11-Apr-2005 Date Analyzed: 11-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	6.2	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	2.9	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.97	1.00	N/A	
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

CWK 5/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001378

Date Received: 30-Mar-2005 Date Prepared: 11-Apr-2005 Date Analyzed: 11-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	5.2	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	3.6	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.41	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	3.9	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	2.7	1.00	N/A	
NAPHTHALENE	0.11	1.0	2.6	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.34	1.00	N/A	F
SEC-BUTYLBENZENE	0.25	1.0	1.2	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

CWA
5/9/05

97/274

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001378

Date Received: 30-Mar-2005 Date Prepared: 11-Apr-2005 Date Analyzed: 11-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	95	72 - 119	
DIBROMOFLUOROMETHANE	97	85 - 115	

cwk 5/1/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2576653	1389836 - 5559344	
CHLOROBENZENE-d5	1741171	932331 - 3729322	
1,4-DICHLOROBENZENE-d4	809351	449613 - 1798450	

Comments:

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
032905ME	A5283113
TF3M119R13MA	A5283115
TF3M121R12MA	A5283116
TF3M121R12MA	A5283116MS
TF3M121R12MA	A5283116SD

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5804303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	2	10	2	1.00	N/A	U
1,2-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,3-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,4-DICHLOROBENZENE	2	10	2	1.00	N/A	U
2,4-DINITROTOLUENE	2	10	2	1.00	N/A	U
2,6-DINITROTOLUENE	2	10	2	1.00	N/A	U
2-CHLORONAPHTHALENE	2	10	2	1.00	N/A	U
2-METHYLNAPHTHALENE	2	10	2	1.00	N/A	U
2-NITROANILINE	2	50	2	1.00	N/A	U
3-NITROANILINE	2	50	2	1.00	N/A	U
3,3'-DICHLOROBENZIDINE	10	20	10	1.00	N/A	U
4-BROMOPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-CHLOROANILINE	4	20	4	1.00	N/A	U
4-CHLOROPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-NITROANILINE	2	50	2	1.00	N/A	U
ACENAPHTHYLENE	2	10	2	1.00	N/A	U
ACENAPHTHENE	2	10	2	1.00	N/A	U
ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)PYRENE	2	10	2	1.00	N/A	U
BENZO(k)FLUORANTHENE	4	10	4	1.00	N/A	U
BENZO(b)FLUORANTHENE	3	10	3	1.00	N/A	U
BENZO(g,h,i)PERYLENE	3	10	3	1.00	N/A	U
BENZYL ALCOHOL	2	20	2	1.00	N/A	U
bis(2-CHLOROETHOXY) METHANE	2	10	2	1.00	N/A	U
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	2	1.00	N/A	U
bis(2-CHLOROISOPROPYL) ETHER	2	10	2	1.00	N/A	U
bis(2-ETHYLHEXYL) PHTHALATE	2	10	2	1.00	N/A	U
BENZYL BUTYL PHTHALATE	2	10	2	1.00	N/A	U
CHRYSENE	3	10	3	1.00	N/A	U

WB 5/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	3	10	3	1.00	N/A	U
DI-n-OCTYL PHTHALATE	2	10	2	1.00	N/A	U
DIBENZ(a,h)ANTHRACENE	3	10	3	1.00	N/A	U
DIBENZOFURAN	2	10	2	1.00	N/A	U
DIETHYL PHTHALATE	2	10	2	1.00	N/A	U
DIMETHYL PHTHALATE	2	10	2	1.00	N/A	U
FLUORANTHENE	3	10	3	1.00	N/A	U
FLUORENE	2	10	2	1.00	N/A	U
HEXACHLOROBENZENE	2	10	2	1.00	N/A	U
HEXACHLOROBUTADIENE	4	10	4	1.00	N/A	U
HEXACHLOROETHANE	3	10	3	1.00	N/A	U
INDENO(1,2,3-c,d)PYRENE	3	10	3	1.00	N/A	U
ISOPHORONE	1	10	1	1.00	N/A	U
N-NITROSODIPHENYLAMINE	3	10	3	1.00	N/A	U
N-NITROSODI-n-PROPYLAMINE	2	10	2	1.00	N/A	U
NAPHTHALENE	2	10	2	1.00	N/A	U
NITROBENZENE	1	10	1	1.00	N/A	U
PHENANTHRENE	2	10	2	1.00	N/A	U
PYRENE	2	10	2	1.00	N/A	U
2,4,5-TRICHLOROPHENOL	2	50	2	1.00	N/A	U
2,4,6-TRICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DIMETHYLPHENOL	1	10	1	1.00	N/A	U
2,4-DINITROPHENOL	10	50	10	1.00	N/A	U
2-CHLOROPHENOL	1	10	1	1.00	N/A	U
2-METHYLPHENOL (o-CRESOL)	2	10	2	1.00	N/A	U
2-NITROPHENOL	1	10	1	1.00	N/A	U
4,6-DINITRO-2-METHYLPHENOL	9	50	9	1.00	N/A	U
4-CHLORO-3-METHYLPHENOL	2	20	2	1.00	N/A	U
4-METHYLPHENOL (p-CRESOL)	3	50	3	1.00	N/A	U

WA 5/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	4	50	4	1.00	N/A	U
BENZOIC ACID	31	100	31	1.00	N/A	U
PENTACHLOROPHENOL	11	50	11	1.00	N/A	U
PHENOL	3	10	3	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	81	41 - 120	
2-FLUOROBIPHENYL	90	48 - 120	
TERPHENYL-D14	99	51 - 135	
PHENOL-D5	29	20 - 120	
2-FLUOROPHENOL	45	20 - 120	
2,4,6-TRIBROMOPHENOL	84	42 - 124	

cont 5/7/05

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	250955	111265 - 445058	
NAPHTHALENE-d8	941206	400717 - 1602866	
ACENAPHTHENE-d10	532371	231799 - 927196	
PHENANTHRENE-d10	914768	408777 - 1635108	
CHRYSENE-d12	867223	414909 - 1659636	
PERYLENE-d12	993831	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	3	10	3	1.00	N/A	U
1,2-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,3-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,4-DICHLOROBENZENE	2	10	2	1.00	N/A	U
2,4-DINITROTOLUENE	2	10	2	1.00	N/A	U
2,6-DINITROTOLUENE	2	10	2	1.00	N/A	U
2-CHLORONAPHTHALENE	2	10	2	1.00	N/A	U
2-METHYLNAPHTHALENE	2	10	2	1.00	N/A	U
2-NITROANILINE	2	50	2	1.00	N/A	U
3-NITROANILINE	2	50	2	1.00	N/A	U
3,3'-DICHLOROBENZIDINE	10	20	10	1.00	N/A	U
4-BROMOPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-CHLOROANILINE	4	20	4	1.00	N/A	U
4-CHLOROPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-NITROANILINE	2	50	2	1.00	N/A	U
ACENAPHTHYLENE	2	10	2	1.00	N/A	U
ACENAPHTHENE	2	10	2	1.00	N/A	U
ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)PYRENE	2	10	2	1.00	N/A	U
BENZO(k)FLUORANTHENE	4	10	4	1.00	N/A	U
BENZO(b)FLUORANTHENE	3	10	3	1.00	N/A	U
BENZO(g,h,i)PERYLENE	3	10	3	1.00	N/A	U
BENZYL ALCOHOL	2	20	2	1.00	N/A	U
bis(2-CHLOROETHOXY) METHANE	2	10	2	1.00	N/A	U
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	2	1.00	N/A	U
bis(2-CHLOROISOPROPYL) ETHER	2	10	2	1.00	N/A	U
bis(2-ETHYLHEXYL) PHTHALATE	2	10	2	1.00	N/A	U
BENZYL BUTYL PHTHALATE	2	10	2	1.00	N/A	U
CHRYSENE	3	10	3	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	3	10	3	1.00	N/A	U
DI-n-OCTYL PHTHALATE	2	10	2	1.00	N/A	U
DIBENZ(a,h)ANTHRACENE	3	10	3	1.00	N/A	U
DIBENZOFURAN	2	10	2	1.00	N/A	U
DIETHYL PHTHALATE	2	10	2	1.00	N/A	U
DIMETHYL PHTHALATE	2	10	2	1.00	N/A	U
FLUORANTHENE	3	10	3	1.00	N/A	U
FLUORENE	2	10	2	1.00	N/A	U
HEXACHLOROBENZENE	2	10	2	1.00	N/A	U
HEXACHLOROBUTADIENE	4	10	4	1.00	N/A	U
HEXACHLOROETHANE	3	10	3	1.00	N/A	U
INDENO(1,2,3-c,d)PYRENE	3	10	3	1.00	N/A	U
ISOPHORONE	1	10	1	1.00	N/A	U
N-NITROSODIPHENYLAMINE	3	10	3	1.00	N/A	U
N-NITROSODI-n-PROPYLAMINE	2	10	2	1.00	N/A	U
NAPHTHALENE	2	10	2	1.00	N/A	U
NITROBENZENE	1	10	1	1.00	N/A	U
PHENANTHRENE	3	10	3	1.00	N/A	U
PYRENE	2	10	2	1.00	N/A	U
2,4,5-TRICHLOROPHENOL	2	50	2	1.00	N/A	U
2,4,6-TRICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DIMETHYLPHENOL	1	10	1	1.00	N/A	U
2,4-DINITROPHENOL	10	50	10	1.00	N/A	U
2-CHLOROPHENOL	1	10	1	1.00	N/A	U
2-METHYLPHENOL (o-CRESOL)	2	10	2	1.00	N/A	U
2-NITROPHENOL	1	10	1	1.00	N/A	U
4,6-DINITRO-2-METHYLPHENOL	10	50	10	1.00	N/A	U
4-CHLORO-3-METHYLPHENOL	2	20	2	1.00	N/A	U
4-METHYLPHENOL (p-CRESOL)	3	50	3	1.00	N/A	U

5/11/05

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5804303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	4	50	4	1.00	N/A	U
BENZOIC ACID	32	100	32	1.00	N/A	U
PENTACHLOROPHENOL	11	50	11	1.00	N/A	U
PHENOL	3	10	3	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	88	41 - 120	
2-FLUOROBIPHENYL	95	48 - 120	
TERPHENYL-D14	96	51 - 135	
PHENOL-D5	30	20 - 120	
2-FLUOROPHENOL	47	20 - 120	
2,4,6-TRIBROMOPHENOL	100	42 - 124	

WK 5/9/05

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	215727	111265 - 445058	
NAPHTHALENE-d8	797671	400717 - 1602866	
ACENAPHTHENE-d10	440289	231799 - 927196	
PHENANTHRENE-d10	784732	408777 - 1635108	
CHRYSENE-d12	796173	414909 - 1659636	
PERYLENE-d12	913622	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	2	10	2	1.00	N/A	U
1,2-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,3-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,4-DICHLOROBENZENE	2	10	2	1.00	N/A	U
2,4-DINITROTOLUENE	2	10	2	1.00	N/A	U
2,6-DINITROTOLUENE	2	10	2	1.00	N/A	U
2-CHLORONAPHTHALENE	2	10	2	1.00	N/A	U
2-METHYLNAPHTHALENE	2	10	2	1.00	N/A	U
2-NITROANILINE	2	50	2	1.00	N/A	U
3-NITROANILINE	2	50	2	1.00	N/A	U
3,3'-DICHLOROBENZIDINE	10	20	10	1.00	N/A	~~U~~
4-BROMOPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-CHLOROANILINE	4	20	4	1.00	N/A	U
4-CHLOROPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-NITROANILINE	2	50	2	1.00	N/A	U
ACENAPHTHYLENE	2	10	2	1.00	N/A	U
ACENAPHTHENE	2	10	2	1.00	N/A	U
ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)PYRENE	2	10	2	1.00	N/A	U
BENZO(k)FLUORANTHENE	4	10	4	1.00	N/A	U
BENZO(b)FLUORANTHENE	3	10	3	1.00	N/A	U
BENZO(g,h,i)PERYLENE	3	10	3	1.00	N/A	U
BENZYL ALCOHOL	2	20	2	1.00	N/A	U
bis(2-CHLOROETHOXY) METHANE	2	10	2	1.00	N/A	U
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	2	1.00	N/A	U
bis(2-CHLOROISOPROPYL) ETHER	2	10	2	1.00	N/A	U
bis(2-ETHYLHEXYL) PHTHALATE	2	10	2	1.00	N/A	U
BENZYL BUTYL PHTHALATE	2	10	2	1.00	N/A	U
CHRYSENE	3	10	3	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	3	10	3	1.00	N/A	U
DI-n-OCTYL PHTHALATE	2	10	2	1.00	N/A	U
DIBENZ(a,h)ANTHRACENE	3	10	3	1.00	N/A	U
DIBENZOFURAN	2	10	2	1.00	N/A	U
DIETHYL PHTHALATE	2	10	2	1.00	N/A	U
DIMETHYL PHTHALATE	2	10	2	1.00	N/A	U
FLUORANTHENE	3	10	3	1.00	N/A	U
FLUORENE	2	10	2	1.00	N/A	U
HEXACHLOROBENZENE	2	10	2	1.00	N/A	U
HEXACHLOROBUTADIENE	4	10	4	1.00	N/A	U
HEXACHLOROETHANE	3	10	3	1.00	N/A	U
INDENO(1,2,3-c,d)PYRENE	3	10	3	1.00	N/A	U
ISOPHORONE	1	10	1	1.00	N/A	U
N-NITROSODIPHENYLAMINE	3	10	3	1.00	N/A	U
N-NITROSODI-n-PROPYLAMINE	2	10	2	1.00	N/A	U
NAPHTHALENE	2	10	2	1.00	N/A	U
NITROBENZENE	1	10	1	1.00	N/A	U
PHENANTHRENE	2	10	2	1.00	N/A	U
PYRENE	2	10	2	1.00	N/A	U
2,4,5-TRICHLOROPHENOL	2	50	2	1.00	N/A	U
2,4,6-TRICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DIMETHYLPHENOL	1	10	1	1.00	N/A	~~M~~ UAF U
2,4-DINITROPHENOL	10	50	10	1.00	N/A	U
2-CHLOROPHENOL	1	10	1	1.00	N/A	U
2-METHYLPHENOL (o-CRESOL)	2	10	2	1.00	N/A	U
2-NITROPHENOL	1	10	1	1.00	N/A	U
4,6-DINITRO-2-METHYLPHENOL	9	50	9	1.00	N/A	U
4-CHLORO-3-METHYLPHENOL	2	20	2	1.00	N/A	U
4-METHYLPHENOL (p-CRESOL)	3	50	3	1.00	N/A	U

CWK 5/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	4	50	4	1.00	N/A	U
BENZOIC ACID	31	100	31	1.00	N/A	U
PENTACHLOROPHENOL	11	50	11	1.00	N/A	U
PHENOL	3	10	3	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	86	41 - 120	
2-FLUOROBIPHENYL	96	48 - 120	
TERPHENYL-D14	92	51 - 135	
PHENOL-D5	28	20 - 120	
2-FLUOROPHENOL	40	20 - 120	
2,4,6-TRIBROMOPHENOL	91	42 - 124	

cwk 5/7/05

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	228556	111265 - 445058	
NAPHTHALENE-d8	880036	400717 - 1602866	
ACENAPHTHENE-d10	483791	231799 - 927196	
PHENANTHRENE-d10	833781	408777 - 1635108	
CHRYSENE-d12	801867	414909 - 1659636	
PERYLENE-d12	902854	428136 - 1712544	

Comments:

Wet Chemistry Data

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
032905ME	A5283113
TF3CE313MA	A5283101
TF3M11613MA	A5283102
TF3M11613MC	A5283102FD
TF3M11613MD	A5283102SD
TF3M11613MS	A5283102MS
TF3M11713MA	A5283103
TF3M119R13MA	A5283115
TF3M121R12MA	A5283116
TF3M12313MA	A5283104
TF3M12613MA	A5283105
TF3M12713MA	A5283106
TF3M12814MA	A5283107
TF3M13114MA	A5283108
TF3M13217MA	A5283109
TF3M13316MA	A5283110
TF3M2114MA	A5283111

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.40	1.00	

Comments:

_____

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AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

_____
_____
_____

cwk 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

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5/9/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MS Lab Sample ID: A5283102MS Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.82	1.00	

Comments:

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AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.29	1.00	

Comments:

cnt 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MD Lab Sample ID: A5283102SD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.81	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

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cwk 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

cwt 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.24	1.00	

Comments:

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cwk
5/4/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

wst 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.55	1.00	

Comments:

CWK 5/4/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.4	1.00	

Comments:

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ewk
5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

cvk 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

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CWK
5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

_____

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cwk 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

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CWT 5/11/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.0	1.00	

Comments:

CMB
5/7/05

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
032905ME	A5283113
TF3CE313MA	A5283101
TF3M11613MA	A5283102
TF3M11613MC	A5283102FD
TF3M11613MD	A5283102SD
TF3M11613MS	A5283102MS
TF3M11713MA	A5283103
TF3M119R13MA	A5283115
TF3M12313MA	A5283104
TF3M12613MA	A5283105
TF3M12713MA	A5283106
TF3M12814MA	A5283107
TF3M13114MA	A5283108
TF3M13217MA	A5283109
TF3M13316MA	A5283110
TF3M2114MA	A5283111

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract,both technically and for completeness,for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	230	1.00	~~B~~

Comments:

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WK
5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	201	1.00	B

Comments:

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5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	184	1.00	B

Comments:

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5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	237	5.00	B

Comments:

CWA 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	188	1.00	~~B~~

Comments:

WLK 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	243	1.00	B

Comments:

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5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	298	5.00	B

Comments:

cork 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	402	5.00	B

Comments:

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5/9/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	222	1.00	~~B~~

Comments:

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Cwk
5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	237	1.00	B

Comments:

CWT 5/9/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	272	5.00	~~B~~

Comments:

WK 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	166	1.00	~~B~~

Comments:

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cwt 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	6.7	1.00	B

Comments:

cwt 5/7/05

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	163	1.00	B

Comments:

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cwk 5/9/05

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2-A98

AAB #: A5B04478

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
TF3M121R12MA	A5283116

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 4/29/05

Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04478

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 2-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	144	1.00	

Comments:

cwk 5/7/05

GRIFFISS ENVIRONMENTAL SAMPLES - PETROLEUM SITES
CHEMICAL DATA QUALITY CONTROL SUMMARY MEMORANDUM: RESULTS FOR ORGANICS

Laboratory:	STL Buffalo	FPM Contract#:	40-04-11	Method:	8260
Job Number:	A05-6677	STL Project #:	NY8A7867.9	Reviewer:	Connie van Hoesel
Sample Date:	6/27/05			Review Date:	9/7/05

Review Questions	Yes	No	N/A	Compounds/Samples Affected and/or Comments	Flag
1a. Were sample preservation requirements met?	X				
1b. Were sample storage requirements met?	X				
2. Were QAPP-specified RLs achieved?	X			As per approved variance.	None
3. Were measurement results for all QAPP-specified target analytes reported?	X				
4. Were all results reported between the MDL and the RL flagged F?	X				
5a. Were surrogate spikes added to every sample, control, standard, and method blank?	X				
5b. Was the %R for each surrogate spike within QAPP specifications?	X				
6. If dilutions were performed, which results should be reported?			X		
7. Were target analytes in the field blank analyses (trip, field or equipment) reported below the RL?	X				
8a. Was a method blank analyzed with each batch?	X				
8b. Were target analytes in the method blank reported below the RL?	X				
9a. Were the mass spectral ion intensities using BFB checked? (I-tune)	X				

Signed: Concordia van Hoesel Dated: 9/7/05

GRIFFISS ENVIRONMENTAL SAMPLES - PETROLEUM SITES
CHEMICAL DATA QUALITY CONTROL SUMMARY MEMORANDUM: RESULTS FOR ORGANICS

Laboratory:	STL Buffalo	FPM Contract#: 40-04-11		Method:	8260
Job Number:	A05-6677	STL Project #: NY8A7867.9		Reviewer:	Connie van Hoesel
Sample Date:	6/27/05			Review Date:	9/7/05

Review Questions	Yes	No	N/A	Compounds/Samples Affected and/or Comments	Flag
9b. Did the mass spectral ion intensities meet QAPP specifications?	X				
10a. Was at least a five-point initial calibration for all analytes performed?	X				
10b. Did the initial calibration meet QAPP specifications?	X				
11a. Was continuing calibration verification performed?	X				
11b. Were continuing calibration verifications within QAPP specifications?	X				
12a. Were internal standards (Iss) run?	X				
12b. Were the QAPP-specified criteria met?	X				
13a. Were retention time windows calculated for each analyte?	X				
13b. Were the QAPP-specified criteria met?	X				
14a. Was an LCS analyzed with each batch?	X				
14b. Were LCS recoveries within QAPP specifications?	X				
15a. Was a second source calibration verification performed?	X				
15b. Did the second source calibration verification meet QAPP specifications?	X				
16a. Was an MS/MSD pair analyzed every 20 AFCEE	X			The MS/MSD samples were collected in association with	

Signed: Concordia van Hoesel Dated: 9/7/05

GRIFFISS ENVIRONMENTAL SAMPLES - PETROLEUM SITES
CHEMICAL DATA QUALITY CONTROL SUMMARY MEMORANDUM: RESULTS FOR ORGANICS

Laboratory:	STL Buffalo	FPM Contract#:	40-04-11	Method:	8260
Job Number:	A05-6677	STL Project #:	NY8A7867.9	Reviewer:	Connie van Hoesel
Sample Date:	6/27/05			Review Date:	9/7/05

Review Questions	Yes	No	N/A	Compounds/Samples Affected and/or Comments	Flag
samples?				another analytical batch.	
16b. Is the MS/MSD sample a parent sample?			X		
16c. Were RPDs for MS/MSD samples within QAPP specifications?			X		
17. Were holding times met?	X				
18a. Was a field duplicate sample analyzed every 10 AFCEE samples?	X			The field duplicate sample was collected in association with another analytical batch.	
18. Were RPDs for field duplicate samples within QAPP specifications?			X		
Comments: 18 normal samples, 0 duplicate, 3 blanks, 0 MS/MSD					

Table A, Surrogate Exceedances
None.

Table B, Blank Exceedances
None.

Table C, Calibration Exceedances
None.

Table D, LCS Exceedances
None.

Signed: Concordia van Hoesel Dated: 9/7/05

GRIFFISS ENVIRONMENTAL SAMPLES - PETROLEUM SITES
CHEMICAL DATA QUALITY CONTROL SUMMARY MEMORANDUM: RESULTS FOR ORGANICS

Laboratory:	STL Buffalo	FPM Contract#: 40-04-11	Method:	8260
Job Number:	A05-6677	STL Project #: NY8A7867.9	Reviewer:	Connie van Hoesel
Sample Date:	6/27/05		Review Date:	9/7/05

Table E, MS/MSD Exceedances
None.

Table F, Field Duplicate Exceedances
None.

Signed: Concordia van Hoesel Dated: 9/7/05

Volatile Data

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98

AAB #: A5B10219

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
062705AE	A5667720
062705AF	A5667721
062705AR	A5667719

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: John Schove

Date: 8/12/05

Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AE Lab Sample ID: A5667720 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AE Lab Sample ID: A5667720 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AE Lab Sample ID: A5667720 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	0.14	1.00	N/A	U
CARBON DISULFIDE	0.11	0.50	0.11	1.00	N/A	U
METHYL ACETATE	0.076	0.50	0.076	1.00	N/A	U
CYCLOHEXANE	0.051	0.50	0.051	1.00	N/A	U
METHYLCYCLOHEXANE	0.091	0.50	0.091	1.00	N/A	U
2-HEXANONE	0.49	2.5	0.49	1.00	N/A	U
XYLENES,TOTAL	0.51	1.5	0.51	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	97	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1388519	759696 - 3038782	
CHLOROBENZENE-d5	925938	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	356557	204988 - 819952	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AF Lab Sample ID: A5667721 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 7-Jul-2005 Date Analyzed: 7-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.5	1.00	N/A	F
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AF Lab Sample ID: A5667721 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 7-Jul-2005 Date Analyzed: 7-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AF Lab Sample ID: A5667721 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001745

Date Received: 28-Jun-2005 Date Prepared: 7-Jul-2005 Date Analyzed: 7-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	0.14	1.00	N/A	U
CARBON DISULFIDE	0.11	0.50	0.11	1.00	N/A	U
METHYL ACETATE	0.076	0.50	0.076	1.00	N/A	U
CYCLOHEXANE	0.051	0.50	0.051	1.00	N/A	U
METHYLCYCLOHEXANE	0.091	0.50	0.091	1.00	N/A	U
2-HEXANONE	0.49	2.5	0.49	1.00	N/A	U
XYLENES,TOTAL	0.51	1.5	0.51	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	94	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	95	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1384360	759696 - 3038782	
CHLOROBENZENE-d5	931676	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	357874	204988 - 819952	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AR Lab Sample ID: A5667719 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AR Lab Sample ID: A5667719 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AR Lab Sample ID: A5667719 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	0.14	1.00	N/A	U
CARBON DISULFIDE	0.11	0.50	0.11	1.00	N/A	U
METHYL ACETATE	0.076	0.50	0.076	1.00	N/A	U
CYCLOHEXANE	0.051	0.50	0.051	1.00	N/A	U
METHYLCYCLOHEXANE	0.091	0.50	0.091	1.00	N/A	U
2-HEXANONE	0.49	2.5	0.49	1.00	N/A	U
XYLENES,TOTAL	0.51	1.5	0.51	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1432778	759696 - 3038782	
CHLOROBENZENE-d5	964543	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	367272	204988 - 819952	

Comments:

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ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
B43SSABC	A5667707
B43SSABG	A5667708
B43SSAEC	A5667705
B43SSAEG	A5667706
B43SSASC	A5667703
B43SSASG	A5667704
B43SSAWC	A5667701
B43SSAWG	A5667702
B43SSBBC	A5667713
B43SSBBG	A5667714
B43SSBEC	A5667717
B43SSBEG	A5667718
B43SSBNC	A5667711
B43SSBNG	A5667712
B43SSBSC	A5667715
B43SSBWG	A5667710

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: John Schove

Date: 8/12/05 Title: Operations Manager

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABC Lab Sample ID: A5667707 Matrix: SOIL

% Solids: 94.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.20	2.9	0.20	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.9	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.9	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.9	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.9	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.9	0.83	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.9	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.098	2.9	0.098	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.9	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.9	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.9	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.9	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.9	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.9	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.9	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.9	0.31	1.00	N/A	U
ACETONE	3.6	49	5.0	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.34	4.9	0.34	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.9	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.21	1.9	0.21	1.00	N/A	U
BROMOFORM	0.55	5.8	0.55	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABC Lab Sample ID: A5667707 Matrix: SOIL

% Solids: 94.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.9	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.28	4.9	0.28	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.9	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.45	2.9	0.45	1.00	N/A	U
DIBROMOMETHANE	0.31	4.9	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.9	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.9	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.9	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.9	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.3	4.9	10	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.9	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.9	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.9	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.9	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.9	0.22	1.00	N/A	U
STYRENE	0.17	4.9	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.9	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.9	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.9	0.26	1.00	N/A	U
TOLUENE	0.38	4.9	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABC Lab Sample ID: A5667707 Matrix: SOIL

% Solids: 94.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.9	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.9	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
VINYL CHLORIDE	0.16	4.9	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.9	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.9	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.9	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.9	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.24	4.9	0.24	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	84 - 118	
1,2-DICHLOROETHANE-d4	98	52 - 149	
DIBROMOFLUOROMETHANE	99	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	353249	231473 - 925892	
CHLOROBENZENE-d5	137373	88160 - 352640	
1,4-DICHLOROBENZENE-d4	118886	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABG Lab Sample ID: A5667708 Matrix: SOIL

% Solids: 94.8 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.20	2.9	0.20	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.9	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.9	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.9	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.9	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.9	0.83	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.9	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.098	2.9	0.098	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.9	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.9	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.9	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.9	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.9	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.9	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.9	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.9	0.31	1.00	N/A	U
ACETONE	3.6	49	4.1	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.34	4.9	0.34	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.9	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.21	1.9	0.21	1.00	N/A	U
BROMOFORM	0.55	5.8	0.55	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABG Lab Sample ID: A5667708 Matrix: SOIL

% Solids: 94.8 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.9	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.28	4.9	0.28	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.9	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.45	2.9	0.45	1.00	N/A	U
DIBROMOMETHANE	0.31	4.9	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.9	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.9	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.9	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.9	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.3	4.9	3.5	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.9	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.9	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.9	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.9	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.9	0.22	1.00	N/A	U
STYRENE	0.17	4.9	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.9	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.9	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.9	0.26	1.00	N/A	U
TOLUENE	0.38	4.9	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABG Lab Sample ID: A5667708 Matrix: SOIL

% Solids: 94.8 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.9	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.9	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
VINYL CHLORIDE	0.16	4.9	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.9	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.9	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.9	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.9	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.24	4.9	0.24	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	103	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	84 - 118	
1,2-DICHLOROETHANE-d4	96	52 - 149	
DIBROMOFLUOROMETHANE	99	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	366159	231473 - 925892	
CHLOROBENZENE-d5	145223	88160 - 352640	
1,4-DICHLOROBENZENE-d4	119674	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEC Lab Sample ID: A5667705 Matrix: SOIL

% Solids: 87.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.7	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.8	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.7	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.7	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.095	2.8	0.095	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.5	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.7	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.7	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.7	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.7	0.31	1.00	N/A	U
ACETONE	3.6	47	3.8	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.7	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.7	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEC Lab Sample ID: A5667705 Matrix: SOIL

% Solids: 87.3 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.7	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.8	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.7	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.8	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.7	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	12	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.7	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEC Lab Sample ID: A5667705 Matrix: SOIL

% Solids: 87.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.7	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.7	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.7	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	111	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	99	52 - 149	
DIBROMOFLUOROMETHANE	103	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	374212	231473 - 925892	
CHLOROBENZENE-d5	145060	88160 - 352640	
1,4-DICHLOROBENZENE-d4	123580	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEG Lab Sample ID: A5667706 Matrix: SOIL

% Solids: 85.0 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.20	2.9	0.20	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.9	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.9	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.9	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.9	0.83	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.63	4.9	0.63	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,2-DICHLOROETHANE	0.098	2.9	0.098	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.9	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.8	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.9	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.9	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.9	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	2.0	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	2.0	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.9	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.9	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.9	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.32	4.9	0.32	1.00	N/A	U
ACETONE	3.6	49	3.7	1.00	N/A	F
BENZENE	0.12	2.0	0.12	1.00	N/A	U
BROMOBENZENE	0.34	4.9	0.34	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.9	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.21	2.0	0.21	1.00	N/A	U
BROMOFORM	0.55	5.8	0.55	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEG Lab Sample ID: A5667706 Matrix: SOIL

% Solids: 85.0 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.8	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.9	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	2.0	0.20	1.00	N/A	U
CHLOROETHANE	0.28	4.9	0.28	1.00	N/A	U
CHLOROFORM	0.22	2.0	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.9	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.45	2.9	0.45	1.00	N/A	U
DIBROMOMETHANE	0.31	4.9	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.9	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.9	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.26	4.9	0.26	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.9	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.3	4.9	16	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	20	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	20	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	20	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.9	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.9	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.9	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.9	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.9	0.22	1.00	N/A	U
STYRENE	0.17	4.9	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.9	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.9	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.9	0.26	1.00	N/A	U
TOLUENE	0.38	4.9	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEG Lab Sample ID: A5667706 Matrix: SOIL

% Solids: 85.0 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.9	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.9	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
VINYL CHLORIDE	0.16	4.9	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.9	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.9	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.9	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.9	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.24	4.9	0.24	1.00	N/A	U
2-HEXANONE	0.88	20	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	15	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	108	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	84 - 118	
1,2-DICHLOROETHANE-d4	100	52 - 149	
DIBROMOFLUOROMETHANE	100	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	363901	231473 - 925892	
CHLOROBENZENE-d5	140460	88160 - 352640	
1,4-DICHLOROBENZENE-d4	122075	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASC Lab Sample ID: A5667703 Matrix: SOIL

% Solids: 94.1 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.7	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.22	4.7	0.22	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.80	4.7	0.80	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.60	4.7	0.60	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.094	2.8	0.094	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.61	9.3	0.61	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.7	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.7	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.7	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.7	0.30	1.00	N/A	U
ACETONE	3.5	47	36	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.7	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.45	4.7	0.45	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.52	5.6	0.52	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASC Lab Sample ID: A5667703 Matrix: SOIL

% Solids: 94.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.67	9.3	0.67	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.19	1.9	0.19	1.00	N/A	U
CHLOROETHANE	0.26	4.7	0.26	1.00	N/A	U
CHLOROFORM	0.21	1.9	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.43	2.8	0.43	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.7	0.24	1.00	N/A	U
ETHYLBENZENE	0.099	4.7	0.099	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.7	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.44	4.7	0.44	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	6.0	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.81	19	0.81	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.7	0.19	1.00	N/A	U
NAPHTHALENE	0.39	4.7	0.39	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.17	5.6	0.17	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

WK 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASC Lab Sample ID: A5667703 Matrix: SOIL

% Solids: 94.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.26	4.7	0.26	1.00	N/A	U
VINYL CHLORIDE	0.15	4.7	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.33	4.7	0.33	1.00	N/A	U
CARBON DISULFIDE	0.15	4.7	0.15	1.00	N/A	U
METHYL ACETATE	0.37	4.7	0.37	1.00	N/A	U
CYCLOHEXANE	0.25	4.7	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.84	19	0.84	1.00	N/A	U
XYLENES,TOTAL	0.96	14	0.96	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	93	52 - 149	
DIBROMOFLUOROMETHANE	97	65 - 135	

AM 9/7/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	394803	231473 - 925892	
CHLOROBENZENE-d5	149344	88160 - 352640	
1,4-DICHLOROBENZENE-d4	131641	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASG Lab Sample ID: A5667704 Matrix: SOIL

% Solids: 86.5 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.5	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.8	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

cwk 9/9/05

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASG Lab Sample ID: A5667704 Matrix: SOIL

% Solids: 86.5 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	17	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.8	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.37	4.8	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASG Lab Sample ID: A5667704 Matrix: SOIL

% Solids: 86.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.8	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	105	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	95	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	406161	231473 - 925892	
CHLOROBENZENE-d5	156286	88160 - 352640	
1,4-DICHLOROBENZENE-d4	134885	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWC Lab Sample ID: A5667701 Matrix: SOIL

% Solids: 90.1 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	4.4	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 843SSAWC Lab Sample ID: A5667701 Matrix: SOIL

% Solids: 90.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	5.1	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.84	19	1.8	1.00	N/A	F
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWC Lab Sample ID: A5667701 Matrix: SOIL

% Solids: 90.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.87	19	0.87	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	96	52 - 149	
DIBROMOFLUOROMETHANE	98	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	435228	231473 - 925892	
CHLOROBENZENE-d5	168506	88160 - 352640	
1,4-DICHLOROBENZENE-d4	146266	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWG Lab Sample ID: A5667702 Matrix: SOIL

% Solids: 88.2 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWG Lab Sample ID: A5667702 Matrix: SOIL

% Solids: 88.2 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	7.4	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.84	19	0.84	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWG Lab Sample ID: A5667702 Matrix: SOIL

% Solids: 88.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.87	19	0.87	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	104	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	418652	231473 - 925892	
CHLOROBENZENE-d5	162694	88160 - 352640	
1,4-DICHLOROBENZENE-d4	139667	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBC Lab Sample ID: A5667713 Matrix: SOIL

% Solids: 86.7 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.7	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.80	4.7	0.80	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.60	4.7	0.60	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.094	2.8	0.094	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.4	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.7	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.7	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.7	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.7	0.30	1.00	N/A	U
ACETONE	3.5	47	6.6	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.7	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.6	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBC Lab Sample ID: A5667713 Matrix: SOIL

% Solids: 86.7 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.4	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.21	1.9	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.43	2.8	0.43	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.7	0.24	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.7	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	10	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	1.5	1.00	N/A	F
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.82	19	0.82	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.7	0.19	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.6	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	11	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5810854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBC Lab Sample ID: A5667713 Matrix: SOIL

% Solids: 86.7 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.15	4.7	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.15	4.7	0.15	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.25	4.7	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.85	19	0.85	1.00	N/A	U
XYLENES,TOTAL	0.97	14	0.97	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	101	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	100	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	350549	231473 - 925892	
CHLOROBENZENE-d5	146796	88160 - 352640	
1,4-DICHLOROBENZENE-d4	140709	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBG Lab Sample ID: A5667714 Matrix: SOIL

% Solids: 87.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.18	2.8	0.18	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.6	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.6	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.6	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.22	4.6	0.22	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.22	4.6	0.22	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.79	4.6	0.79	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.59	4.6	0.59	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.20	5.6	0.20	1.00	N/A	U
1,2-DICHLOROETHANE	0.093	2.8	0.093	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.6	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.61	9.2	0.61	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.6	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.6	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.6	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.8	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.8	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.6	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.6	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.6	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.6	0.30	1.00	N/A	U
ACETONE	3.5	46	4.3	1.00	N/A	F
BENZENE	0.11	1.8	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.6	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.45	4.6	0.45	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.8	0.20	1.00	N/A	U
BROMOFORM	0.52	5.6	0.52	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBG Lab Sample ID: A5667714 Matrix: SOIL

% Solids: 87.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	9.2	0.66	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.6	0.16	1.00	N/A	U
CHLOROBENZENE	0.19	1.8	0.19	1.00	N/A	U
CHLOROETHANE	0.26	4.6	0.26	1.00	N/A	U
CHLOROFORM	0.21	1.8	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.6	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.31	4.6	0.31	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.22	2.8	0.22	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.42	2.8	0.42	1.00	N/A	U
DIBROMOMETHANE	0.29	4.6	0.29	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.6	0.24	1.00	N/A	U
ETHYLBENZENE	0.099	4.6	0.099	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.6	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.44	4.6	0.44	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.6	4.0	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	18	1.2	1.00	N/A	F
METHYL ETHYL KETONE (2-BUTANONE)	1.1	18	1.1	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.81	18	0.81	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.6	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.6	0.19	1.00	N/A	U
NAPHTHALENE	0.39	4.6	0.39	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.6	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.17	5.6	0.17	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.6	0.21	1.00	N/A	U
STYRENE	0.16	4.6	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.6	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.6	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.24	4.6	0.24	1.00	N/A	U
TOLUENE	0.36	4.6	0.36	1.00	N/A	U

cwt 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBG Lab Sample ID: A5667714 Matrix: SOIL

% Solids: 87.1 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.6	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.6	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.26	4.6	0.26	1.00	N/A	U
VINYL CHLORIDE	0.15	4.6	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.33	4.6	0.33	1.00	N/A	U
CARBON DISULFIDE	0.15	4.6	0.15	1.00	N/A	U
METHYL ACETATE	0.37	4.6	0.37	1.00	N/A	U
CYCLOHEXANE	0.25	4.6	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.22	4.6	0.22	1.00	N/A	U
2-HEXANONE	0.84	18	0.84	1.00	N/A	U
XYLENES,TOTAL	0.96	14	0.96	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	104	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	100	84 - 118	
1,2-DICHLOROETHANE-d4	99	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

cmb 9/7/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	372735	231473 - 925892	
CHLOROBENZENE-d5	151517	88160 - 352640	
1,4-DICHLOROBENZENE-d4	148475	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEC Lab Sample ID: A5667717 Matrix: SOIL

% Solids: 88.7 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	6.9	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

CMH 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEC Lab Sample ID: A5667717 Matrix: SOIL

% Solids: 88.7 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	7.7	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	2.4	1.00	N/A	F
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.84	19	0.84	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

Cert 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEC Lab Sample ID: A5667717 Matrix: SOIL

% Solids: 88.7 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.87	19	0.87	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	103	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	97	65 - 135	

WDT 9/7/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	348199	231473 - 925892	
CHLOROBENZENE-d5	140099	88160 - 352640	
1,4-DICHLOROBENZENE-d4	125702	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEG Lab Sample ID: A5667718 Matrix: SOIL

% Solids: 87.4 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.8	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.8	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.8	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.097	2.9	0.097	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.8	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

UNK 9/9/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEG Lab Sample ID: A5667718 Matrix: SOIL

% Solids: 87.4 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.8	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.31	4.8	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	1.6	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.8	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.8	0.22	1.00	N/A	U
STYRENE	0.17	4.8	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.8	0.26	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

cwt 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEG Lab Sample ID: A5667718 Matrix: SOIL

% Solids: 87.4 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.8	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.8	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	88	84 - 118	
1,2-DICHLOROETHANE-d4	100	52 - 149	
DIBROMOFLUOROMETHANE	103	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	342713	231473 - 925892	
CHLOROBENZENE-d5	134111	88160 - 352640	
1,4-DICHLORDBENZENE-d4	109469	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNC Lab Sample ID: A5667711 Matrix: SOIL

% Solids: 91.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.5	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.8	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

CWA 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNC Lab Sample ID: A5667711 Matrix: SOIL

% Solids: 91.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	1.3	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.8	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.37	4.8	0.37	1.00	N/A	U

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AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNC Lab Sample ID: A5667711 Matrix: SOIL

% Solids: 91.2 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.8	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	111	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	101	52 - 149	
DIBROMOFLUOROMETHANE	106	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	354842	231473 - 925892	
CHLOROBENZENE-d5	138228	88160 - 352640	
1,4-DICHLOROBENZENE-d4	118511	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNG Lab Sample ID: A5667712 Matrix: SOIL

% Solids: 91.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNG Lab Sample ID: A5667712 Matrix: SOIL

% Solids: 91.1 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	1.2	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNG Lab Sample ID: A5667712 Matrix: SOIL

% Solids: 91.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	101	52 - 149	
DIBROMOFLUOROMETHANE	105	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	343711	231473 - 925892	
CHLOROBENZENE-d5	137222	88160 - 352640	
1,4-DICHLOROBENZENE-d4	115470	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSC Lab Sample ID: A5667715 Matrix: SOIL

% Solids: 86.3 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.8	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.095	2.8	0.095	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.5	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.8	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSC Lab Sample ID: A5667715 Matrix: SOIL

% Solids: 86.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.8	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.8	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.8	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	12	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	19	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.8	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.8	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.37	4.8	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSC Lab Sample ID: A5667715 Matrix: SOIL

% Solids: 86.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.8	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	84 - 118	
1,2-DICHLOROETHANE-d4	96	52 - 149	
DIBROMOFLUOROMETHANE	99	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	385308	231473 - 925892	
CHLOROBENZENE-d5	147202	88160 - 352640	
1,4-DICHLOROBENZENE-d4	126185	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SS8WG Lab Sample ID: A5667710 Matrix: SOIL

% Solids: 93.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.7	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.80	4.7	0.80	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.60	4.7	0.60	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.094	2.8	0.094	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.4	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.7	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.7	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.7	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.7	0.30	1.00	N/A	U
ACETONE	3.5	47	6.0	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.7	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.6	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWG Lab Sample ID: A5667710 Matrix: SOIL

% Solids: 93.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.4	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.21	1.9	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.43	2.8	0.43	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.7	0.24	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.7	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	12	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.82	19	0.82	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.7	0.19	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.6	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWG Lab Sample ID: A5667710 Matrix: SOIL

% Solids: 93.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.15	4.7	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.15	4.7	0.15	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.25	4.7	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.85	19	0.85	1.00	N/A	U
XYLENES,TOTAL	0.97	14	0.97	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	109	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	100	52 - 149	
DIBROMOFLUOROMETHANE	100	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	340814	231473 - 925892	
CHLOROBENZENE-d5	130473	88160 - 352640	
1,4-DICHLOROBENZENE-d4	109450	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
B43SSBSG	A5667716
B43SSBWC	A5667709

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: John Schove

Date: 8/12/05 Title: Operations Manager

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 043SSBSG Lab Sample ID: A5667716 Matrix: SOIL

% Solids: 82.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.7	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.8	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.7	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.7	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.095	2.8	0.095	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.5	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.7	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.7	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.7	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.7	0.31	1.00	N/A	U
ACETONE	3.6	47	9.3	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.7	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.7	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: TL Buffalo Contract #: _____

Field Sample ID: 43SSBSG Lab Sample ID: A5667716 Matrix: SOIL

% Solids: 82.3 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.7	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.8	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.7	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.8	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.7	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	10	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	200	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.7	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSG Lab Sample ID: A5667716 Matrix: SOIL

% Solids: 82.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.7	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.7	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.7	1.8	1.00	N/A	F
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-d8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	84 - 118	
1,2-DICHLOROETHANE-d4	95	52 - 149	
DIBROMOFLUOROMETHANE	97	65 - 135	

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Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	379233	231473 - 925892	
CHLOROBENZENE-d5	143189	95587 - 382346	
1,4-DICHLOROBENZENE-d4	121898	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 43SSBWC Lab Sample ID: A5667709 Matrix: SOIL

% Solids: 86.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.8	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.8	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.8	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.097	2.9	0.097	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.8	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	12	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

WA 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 643SSBWC Lab Sample ID: A5667709 Matrix: SOIL

% Solids: 86.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.8	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.31	4.8	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	10	1.00	N/A	~~B~~
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	1.8	1.00	N/A	F
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.8	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.8	0.22	1.00	N/A	U
STYRENE	0.17	4.8	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.8	0.26	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

AM 9/7/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWC Lab Sample ID: A5667709 Matrix: SOIL

% Solids: 86.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.8	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.8	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	98	65 - 135	

cwt 9/9/05

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	382611	231473 - 925892	
CHLOROBENZENE-d5	144952	95587 - 382346	
1,4-DICHLOROBENZENE-d4	124720	88160 - 352640	

Comments:

Appendix C
Raw Lab Data

ANALYTICAL REPORT

Job#: A04-C895

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base
Task: Griffiss AFB TF 1 and 3 Sampling

Mr. Gaby A. Atik
FPM Engineering Group, PC
153 Brooks Road
Rome, NY 13441

STL Buffalo

Mark A. Nemec
Project Manager

01/25/2005

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

CASE NARRATIVE

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4C89512	123004LE	12/30/2004	08:30	12/31/2004	09:30
A4C89513	123004LF	12/30/2004	13:30	12/31/2004	09:30
A4C89514	123004LR	12/30/2004	08:15	12/31/2004	09:30
A4C89502	TF3M11613LB	12/30/2004	14:40	12/31/2004	09:30
A4C89502FD	TF3M11613LC	12/30/2004	14:40	12/31/2004	09:30
A4C89502SD	TF3M11613LD	12/30/2004	14:40	12/31/2004	09:30
A4C89502MS	TF3M11613LS	12/30/2004	14:40	12/31/2004	09:30
A4C89503	TF3M11713LB	12/30/2004	14:15	12/31/2004	09:30
A4C89504	TF3M119R12LB	12/30/2004	15:30	12/31/2004	09:30
A4C89505	TF3M121R12LB	12/30/2004	15:45	12/31/2004	09:30
A4C89506	TF3M12313LB	12/30/2004	16:30	12/31/2004	09:30
A4C89507	TF3M12713LB	12/30/2004	11:11	12/31/2004	09:30
A4C89508	TF3M12814LB	12/30/2004	11:35	12/31/2004	09:30
A4C89509	TF3M13114LB	12/30/2004	13:50	12/31/2004	09:30
A4C89510	TF3M13217LB	12/30/2004	11:52	12/31/2004	09:30
A4C89511	TF3M13316LB	12/30/2004	10:30	12/31/2004	09:30
A4C89501	TF3M2114LB	12/30/2004	16:45	12/31/2004	09:30

METHODS SUMMARY

Job#: A04-C895

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base

PARAMETER	ANALYTICAL METHOD
AFCEE - METHOD 8260 - VOLATILE ORGANICS	SW8463 8260-A98
Nitrate	MCAWW 353.2
Total Alkalinity	MCAWW 310.2

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-C895

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-C895
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Hexachlorobutadiene was detected in the Method Blank VBLK15 (A5B0019402) at a level between the MDL and the CDL. All associated samples were qualified with "B." No corrective action is neccessary for any values in Method Blanks that are below the requested reporting limits.

The spike recovery of the analytes Acetone, Methyl ethyl Ketone, sec-Butylbenzene, Isopropylbenzene, n-Propylbenzene and 1,1,2-Trichloroethane in the Matrix Spike and in the Matrix Spike Duplicate of sample TFM11613LB exceeded AFCEE 3.1 and STL quality control limits. The Relative Percent Difference (%RPD) between the between the Matrix Spike and the Matrix Spike duplicate of sample TFM11613LB also exceeded AFCEE 3.1 and STL quality control limits for the analyte 1,1,2-Trichloroethane. The associated sample was appropriately qualified with "M". The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

The analytes Chloroethane, Trichlorofluoromethane, and Dichlorodifluoromethane exhibited percent difference greater than 20% but less than 30% in the Continuing Calibration Verification (CCV) A5C0002345. No corrective action was taken, these analytes may exhibit percent difference greater than 20% yet less than 30% difference according to variances to the AFCEE QAPP.

The analyte Chlromethane exhibited percent difference greater than 20% but less than 30% in the Continuing Calibration Verification (CCV) A5C0002379. No corrective action was taken, this analyte may exhibit percent difference greater than 20% yet less than 30% difference according to variances to the AFCEE QAPP.

The Instrument Performance Check compound Bromofluorobenzene (BFB) required manual identification for the Tunes A4T0003621.

The analytes Dichlorodifluoromethane, Chloromethane, and Vinyl Chloride required manual integration in the initial calibration A4I0001243.

The analyte Chloromethane required manual integration in the continuing calibration verification (CCV) A5C0002345 and in the Matrix Spike Blank MSB16 (A5B0023201).

The analyte n-Butylbenzene required manual integration in samples TF3M11613LB, TF3M11613LC and TF3M11713LB.

Samples TF3M2114LB, TF3M119R12LB and TF3M12313LB were diluted for non-target compounds.

Initial calibration standard curve A4I0001243 exhibited the %RSD of the compounds Bromomethane, Methylene Chloride, Carbon Disulfide, 1,1-Dichloroethene and Iodomethane as greater than 15%. However, the mean RSD of all compounds is 6.43%.

All samples were preserved to a pH less than 2.

Wet Chemistry Data

The relative percent difference between the Matrix Spike of sample TF3M11613LB and the Matrix Spike Duplicate of sample TF3M11613LB exceed quality control criteria for Alkalinity, though all individual recoveries are compliant. No action required.

The requested reporting limits for Bicarbonate, Carbonate and Total Alkalinity are below STL's standard reporting limit. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations. Therefore, no corrective action has been taken for any detections between the requested reporting limits and STLs standard reporting limit.

Revision Comments

The relative percent difference between samples TF3M11613LB and TF3M11613LC exceed quality control limits for Nitrate. Samples were reanalyzed outside of holding time and values were confirmed.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 01/25/2005
Time: 10:34:26

Dilution Log w/Code Information
For Job A04-C895

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TF3M2114LB	A4C89501	8260-A98	5.00	004
TF3M119R12LB	A4C89504	8260-A98	5.00	004
TF3M12313LB	A4C89506	8260-A98	4.00	004
TF3M12713LB	A4C89507	8260-A98	2.00	008
TF3M12713LB	A4C89507	Total Alkalinity	5.00	008
TF3M12814LB	A4C89508	Total Alkalinity	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Chain of Custody

USACE
CHAIN OF CUSTODY RECORD (AC)

COC#: _1_ SDG#: _89_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB TF 1 and 3 Sampling Sampler Name: Jake Pratt NVH for	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441 Phone: (315) 336-7721 Ext. 205
Carrier: STL courier.	Sampler Signature:	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2004	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOC note 1 40 mL vials (HCl)	SVOCs note 2 1 L amber	Total Alkalinity note 3 (zero headspace)	Nitrogen (Nitrate) note 4 16 oz poly	Total Sulfide Note 5 16 oz poly (ZnAC and NaOH)	Comments
TF3M2114LB	TF3MW21	12/30	1645	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LB	WL-TF3MW-116	12/30	1440	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LC	WL-TF3MW-116	12/30	1440	WG	B	0/0	FD	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LS	WL-TF3MW-116	12/30	1440	WG	B	0/0	MS	HCl	Unf.	5	3	-	1	1	-	
TF3M11613LD	WL-TF3MW-116	12/30	1440	WG	B	0/0	SD	HCl	Unf.	5	3	-	1	1	-	
TF3M11713LB	WL-TF3MW-117	12/30	1415	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M119R12LB	WL-TF3MW-119R	12/30	1530	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M121R12LB	WL-TF3MW-121R	12/30	1545	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12313LB	WL-TF3MW-123	12/30	1630	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12713LB	WL-TF3MW-127	12/30	1111	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12814LB	WL-TF3MW-128	12/30	1135	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13114LB	WL-TF3MW-131	12/30	1350	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13217LB	WL-TF3MW-132	12/30	1152	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13316LB	WL-TF3MW-133	12/30	1030	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
123004LE	FIELDQC	12/30	0830	WG	B	0/0	EB	HCl	Unf.	5	3	-	1	1	-	
123004LF	FIELDQC	12/30	1330	WG	B	0/0	AB	HCl	Unf.	3	3	-	-	-	-	
123004LR	FIELDQC	12/30	0815	WG	B	0/0	TB	HCl	Unf.	3	3	-	-	-	-	

Collect water levels at all wells that are not sampled.

Sample Condition Upon Receipt at Laboratory:	Cooler Temperature: 2.0°C

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1
Note 1: VOCs: SW8260, AFCEE QAPP 3.1 List.
Note 2: SVOCs: SW8270, AFCEE QAPP 3.1 List.
Note 3: Total Alkalinity, 310.2.
Note 4: Nitrogen: 353.2, Nitrate: Automated.
Note 5: Total Sulfide: 376.2.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 12/30/04	#3 Released by: (Sig) REAS 1-5h	Date: 12/30/04
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 17:10	Company Name: STL	Time 1830
#1 Received by: (Sig) Niels van Hoesel	Date: 12/2/04	#2 Received by: (Sig) REAS 1-5h	Date 12/30/04	#3 Received by: (Sig)	Date 12/31/04
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 1710	Company Name: STL	Time: 0930

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

METHOD 8260 DATA

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
TF3M11613LB	A4C89502
TF3M11613LC	A4C89502FD
TF3M11613LD	A4C89502SD
TF3M11613LS	A4C89502MS
TF3M11713LB	A4C89503
TF3M119R12LB	A4C89504
TF3M121R12LB	A4C89505
TF3M12313LB	A4C89506
TF3M12713LB	A4C89507
TF3M12814LB	A4C89508
TF3M13114LB	A4C89509
TF3M13217LB	A4C89510
TF3M2114LB	A4C89501

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/28/15 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	M
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	M
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.21	1.00	N/A	F
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	19	1.00	N/A	M
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	M
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	3.8	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	19	1.00	N/A	M
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	14	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	2.3	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	100	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	93	72 - 119	
DIBROMOFLUOROMETHANE	86	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2372344	1228596 - 4914384	
CHLOROBENZENE-d5	1018169	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	776517	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.21	1.00	N/A	F
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	18	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	3.7	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	18	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	14	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	2.3	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	101	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	87	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2676022	1228596 - 4914384	
CHLOROBENZENE-d5	1099194	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	842021	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LD Lab Sample ID: A4C89502SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	10	1.00	N/A	
1,1,1-TRICHLOROETHANE	0.19	1.0	11	1.00	N/A	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	11	1.00	N/A	
1,1,2-TRICHLOROETHANE	0.12	1.0	18	1.00	N/A	
1,1-DICHLOROETHANE	0.16	1.0	11	1.00	N/A	
1,1-DICHLOROETHENE	0.12	1.0	10	1.00	N/A	
1,1-DICHLOROPROPENE	0.14	1.0	11	1.00	N/A	
1,2,3-TRICHLOROBENZENE	0.16	1.0	10	1.00	N/A	
1,2,3-TRICHLOROPROPANE	0.21	1.0	11	1.00	N/A	
1,2,4-TRICHLOROBENZENE	0.14	1.0	10	1.00	N/A	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	11	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	11	1.00	N/A	
1,2-DICHLOROBENZENE	0.14	1.0	10	1.00	N/A	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	9.7	1.00	N/A	
1,2-DICHLOROPROPANE	0.12	1.0	9.9	1.00	N/A	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	10	1.00	N/A	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	11	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	9.9	1.00	N/A	
1,3-DICHLOROPROPANE	0.12	0.50	10	1.00	N/A	
1,4-DICHLOROBENZENE	0.14	0.50	10	1.00	N/A	
1-CHLOROHEXANE	0.14	1.0	12	1.00	N/A	
2,2-DICHLOROPROPANE	0.27	1.0	11	1.00	N/A	
2-CHLOROTOLUENE	0.25	1.0	11	1.00	N/A	
4-CHLOROTOLUENE	0.20	1.0	10	1.00	N/A	
ACETONE	1.3	10	72	1.00	N/A	
BENZENE	0.15	0.50	10	1.00	N/A	
BROMOBENZENE	0.16	1.0	10	1.00	N/A	
BROMOCHLOROMETHANE	0.14	1.0	11	1.00	N/A	
BROMODICHLOROMETHANE	0.11	0.50	12	1.00	N/A	
BROMOFORM	0.083	1.0	9.8	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LD Lab Sample ID: A4C89502SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	8.7	1.00	N/A	
CARBON TETRACHLORIDE	0.18	1.0	12	1.00	N/A	
CHLOROBENZENE	0.14	0.50	10	1.00	N/A	
CHLOROETHANE	0.14	1.0	12	1.00	N/A	
CHLOROFORM	0.16	0.50	11	1.00	N/A	
CHLOROMETHANE	0.21	1.0	8.4	1.00	N/A	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	11	1.00	N/A	
cis-1,3-DICHLOROPROPENE	0.10	0.50	11	1.00	N/A	
DIBROMOCHLOROMETHANE	0.10	0.50	9.8	1.00	N/A	
DIBROMOMETHANE	0.12	1.0	11	1.00	N/A	
DICHLORODIFLUOROMETHANE	0.22	1.0	10	1.00	N/A	
ETHYLBENZENE	0.14	1.0	11	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	9.6	1.00	N/A	B
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	23	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	8.0	1.00	N/A	
tert-BUTYL METHYL ETHER	0.094	5.0	11	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	110	1.00	N/A	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	64	1.00	N/A	
n-BUTYLBENZENE	0.22	1.0	15	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	23	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	21	1.00	N/A	
NAPHTHALENE	0.11	1.0	11	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	10	1.00	N/A	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	11	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	21	1.00	N/A	
STYRENE	0.12	1.0	10	1.00	N/A	
TRICHLOROETHYLENE (TCE)	0.16	1.0	12	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	13	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	10	1.00	N/A	
TOLUENE	0.17	1.0	11	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LD Lab Sample ID: A4C89502SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	11	1.00	N/A	
trans-1,3-DICHLOROPROPENE	0.10	1.0	11	1.00	N/A	
TRICHLOROFLUOROMETHANE	0.14	1.0	11	1.00	N/A	
VINYL CHLORIDE	0.19	1.0	11	1.00	N/A	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	89	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2854630	1228596 - 4914384	
CHLOROBENZENE-d5	1177794	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	920335	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LS Lab Sample ID: A4C89502MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	10	1.00	N/A	
1,1,1-TRICHLOROETHANE	0.19	1.0	11	1.00	N/A	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	11	1.00	N/A	
1,1,2-TRICHLOROETHANE	0.12	1.0	13	1.00	N/A	
1,1-DICHLOROETHANE	0.16	1.0	11	1.00	N/A	
1,1-DICHLOROETHENE	0.12	1.0	10	1.00	N/A	
1,1-DICHLOROPROPENE	0.14	1.0	11	1.00	N/A	
1,2,3-TRICHLOROBENZENE	0.16	1.0	10	1.00	N/A	
1,2,3-TRICHLOROPROPANE	0.21	1.0	11	1.00	N/A	
1,2,4-TRICHLOROBENZENE	0.14	1.0	11	1.00	N/A	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	11	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	11	1.00	N/A	
1,2-DICHLOROBENZENE	0.14	1.0	10	1.00	N/A	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	9.5	1.00	N/A	
1,2-DICHLOROPROPANE	0.12	1.0	10	1.00	N/A	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	10	1.00	N/A	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	11	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	10	1.00	N/A	
1,3-DICHLOROPROPANE	0.12	0.50	10	1.00	N/A	
1,4-DICHLOROBENZENE	0.14	0.50	10	1.00	N/A	
1-CHLOROHEXANE	0.14	1.0	12	1.00	N/A	
2,2-DICHLOROPROPANE	0.27	1.0	11	1.00	N/A	
2-CHLOROTOLUENE	0.25	1.0	11	1.00	N/A	
4-CHLOROTOLUENE	0.20	1.0	10	1.00	N/A	
ACETONE	1.3	10	72	1.00	N/A	
BENZENE	0.15	0.50	10	1.00	N/A	
BROMOBENZENE	0.16	1.0	10	1.00	N/A	
BROMOCHLOROMETHANE	0.14	1.0	11	1.00	N/A	
BROMODICHLOROMETHANE	0.11	0.50	12	1.00	N/A	
BROMOFORM	0.083	1.0	9.7	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LS Lab Sample ID: A4C89502MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	8.6	1.00	N/A	
CARBON TETRACHLORIDE	0.18	1.0	12	1.00	N/A	
CHLOROBENZENE	0.14	0.50	10	1.00	N/A	
CHLOROETHANE	0.14	1.0	12	1.00	N/A	
CHLOROFORM	0.16	0.50	11	1.00	N/A	
CHLOROMETHANE	0.21	1.0	8.9	1.00	N/A	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	11	1.00	N/A	
cis-1,3-DICHLOROPROPENE	0.10	0.50	11	1.00	N/A	
DIBROMOCHLOROMETHANE	0.10	0.50	9.8	1.00	N/A	
DIBROMOMETHANE	0.12	1.0	11	1.00	N/A	
DICHLORODIFLUOROMETHANE	0.22	1.0	10	1.00	N/A	
ETHYLBENZENE	0.14	1.0	11	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	9.4	1.00	N/A	B
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	23	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	8.5	1.00	N/A	
tert-BUTYL METHYL ETHER	0.094	5.0	11	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	110	1.00	N/A	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	63	1.00	N/A	
n-BUTYLBENZENE	0.22	1.0	14	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	22	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	21	1.00	N/A	
NAPHTHALENE	0.11	1.0	11	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	10	1.00	N/A	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	11	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	21	1.00	N/A	
STYRENE	0.12	1.0	11	1.00	N/A	
TRICHLOROETHYLENE (TCE)	0.16	1.0	12	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	13	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	10	1.00	N/A	
TOLUENE	0.17	1.0	11	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LS Lab Sample ID: A4C89502MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	12	1.00	N/A	
trans-1,3-DICHLOROPROPENE	0.10	1.0	11	1.00	N/A	
TRICHLOROFLUOROMETHANE	0.14	1.0	11	1.00	N/A	
VINYL CHLORIDE	0.19	1.0	11	1.00	N/A	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	93	72 - 119	
DIBROMOFLUOROMETHANE	89	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2778474	1228596 - 4914384	
CHLOROBENZENE-d5	1151645	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	898557	374060 - 1496238	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	5.9	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.48	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	3.7	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	5.3	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	1.8	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	94	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2819540	1228596 - 4914384	
CHLOROBENZENE-d5	1178110	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	913953	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	1.2	5.00	N/A	U
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
n-PROPYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	1.7	5.00	N/A	U
NAPHTHALENE	0.57	5.0	0.57	5.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	0.97	5.00	N/A	U
SEC-BUTYLBENZENE	1.3	5.0	1.3	5.00	N/A	U
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	88	85 - 115	

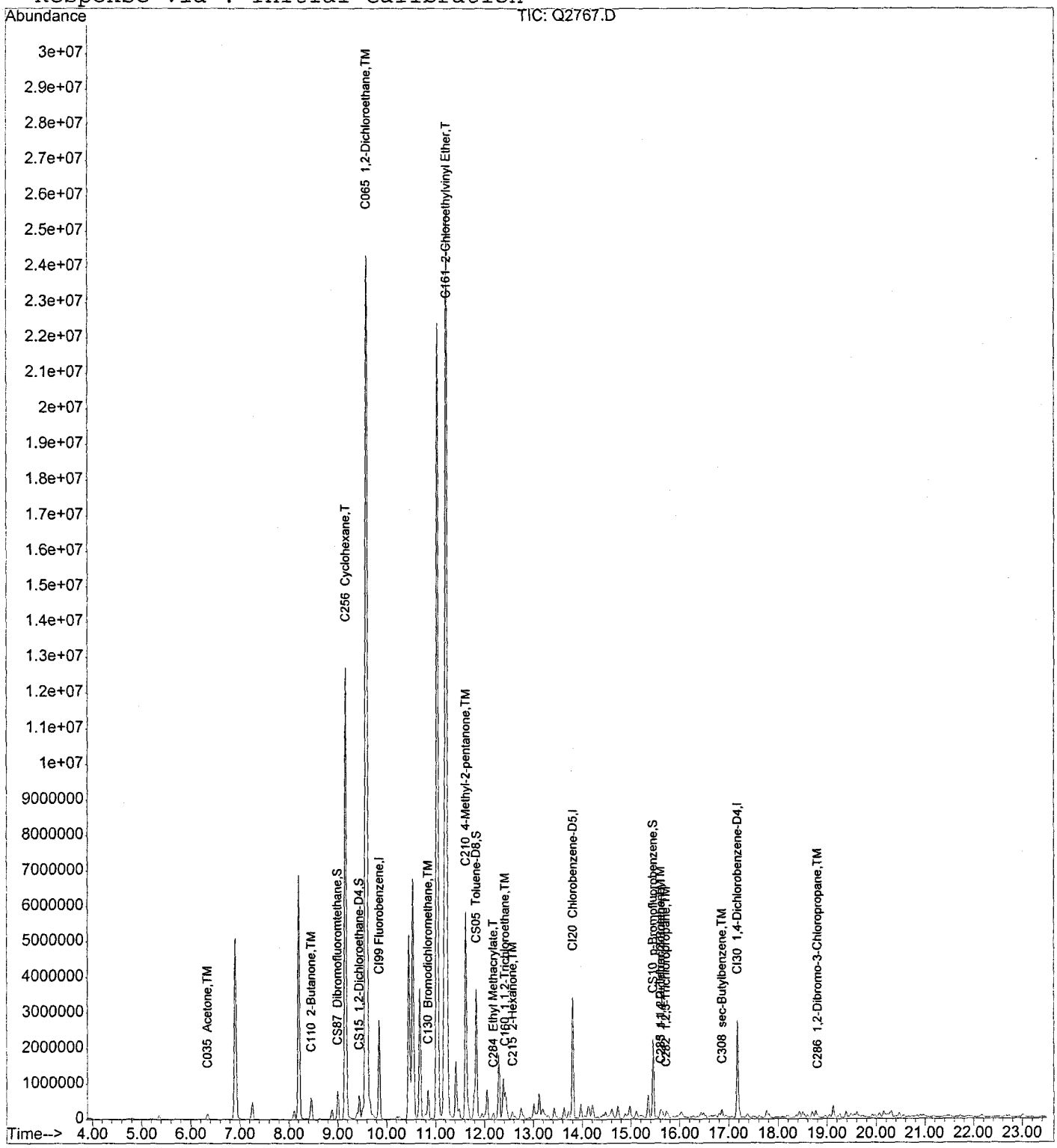
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2824859	1228596 - 4914384	
CHLOROBENZENE-d5	1131232	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	892956	374060 - 1496238	

Comments:

Quantitation Report

Data File : C:\HPCHEM\1\DATA\010505\Q2767.D Vial: 8
Acq On : 6 Jan 2005 4:31 Operator: CDC
Sample : A4C89504 A DF5 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 6 8:23 2005 Quant Results File: A4I01243.RES

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I01243.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:49:22 2004
Response via : Initial Calibration



AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	1.8	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2704115	1228596 - 4914384	
CHLOROBENZENE-d5	1073139	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	838848	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.46	2.0	0.46	4.00	N/A	U
1,1,1-TRICHLOROETHANE	0.78	4.0	0.78	4.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.42	2.0	0.42	4.00	N/A	U
1,1,2-TRICHLOROETHANE	0.47	4.0	0.47	4.00	N/A	U
1,1-DICHLOROETHANE	0.63	4.0	0.63	4.00	N/A	U
1,1-DICHLOROETHENE	0.50	4.0	0.50	4.00	N/A	U
1,1-DICHLOROPROPENE	0.57	4.0	0.57	4.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.64	4.0	0.64	4.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.0	0.83	4.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.91	4.0	28	4.00	N/A	
1,2-DICHLOROETHANE	0.49	2.0	0.49	4.00	N/A	U
1,2-DICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.89	8.0	0.89	4.00	N/A	U
1,2-DICHLOROPROPANE	0.50	4.0	0.50	4.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.56	4.0	0.56	4.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.0	4.0	4.4	4.00	N/A	
1,3-DICHLOROBENZENE	0.51	4.0	0.51	4.00	N/A	U
1,3-DICHLOROPROPANE	0.50	2.0	0.50	4.00	N/A	U
1,4-DICHLOROBENZENE	0.55	2.0	0.55	4.00	N/A	U
1-CHLOROHEXANE	0.57	4.0	0.57	4.00	N/A	U
2,2-DICHLOROPROPANE	1.1	4.0	1.1	4.00	N/A	U
2-CHLOROTOLUENE	1.0	4.0	1.0	4.00	N/A	U
4-CHLOROTOLUENE	0.79	4.0	0.79	4.00	N/A	U
ACETONE	5.4	40	5.4	4.00	N/A	U
BENZENE	0.60	2.0	0.60	4.00	N/A	U
BROMOBENZENE	0.63	4.0	0.63	4.00	N/A	U
BROMOCHLOROMETHANE	0.54	4.0	0.54	4.00	N/A	U
BROMODICHLOROMETHANE	0.45	2.0	0.45	4.00	N/A	U
BROMOFORM	0.33	4.0	0.33	4.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.52	12	0.52	4.00	N/A	U
CARBON TETRACHLORIDE	0.73	4.0	0.73	4.00	N/A	U
CHLOROBENZENE	0.58	2.0	0.58	4.00	N/A	U
CHLOROETHANE	0.55	4.0	0.55	4.00	N/A	U
CHLOROFORM	0.64	2.0	0.64	4.00	N/A	U
CHLOROMETHANE	0.84	4.0	0.84	4.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.57	4.0	0.57	4.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.41	2.0	0.41	4.00	N/A	U
DIBROMOCHLOROMETHANE	0.40	2.0	0.40	4.00	N/A	U
DIBROMOMETHANE	0.49	4.0	0.49	4.00	N/A	U
DICHLORODIFLUOROMETHANE	0.89	4.0	0.89	4.00	N/A	U
ETHYLBENZENE	0.58	4.0	0.58	4.00	N/A	U
HEXACHLOROBUTADIENE	0.92	2.4	0.92	4.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.99	4.0	56	4.00	N/A	
METHYLENE CHLORIDE	0.90	4.0	0.90	4.00	N/A	U
tert-BUTYL METHYL ETHER	0.38	20	0.38	4.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	4.8	40	4.8	4.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5.7	40	5.7	4.00	N/A	U
n-BUTYLBENZENE	0.87	4.0	0.90	4.00	N/A	F
n-PROPYLBENZENE	0.86	4.0	7.1	4.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.3	8.0	1.3	4.00	N/A	U
NAPHTHALENE	0.46	4.0	0.46	4.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.66	4.0	0.66	4.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.78	4.0	1.6	4.00	N/A	F
SEC-BUTYLBENZENE	1.0	4.0	2.0	4.00	N/A	F
STYRENE	0.50	4.0	0.50	4.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.65	4.0	0.65	4.00	N/A	U
t-BUTYLBENZENE	0.86	4.0	1.0	4.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.74	4.0	0.74	4.00	N/A	U
TOLUENE	0.68	4.0	0.68	4.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.49	4.0	0.49	4.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.41	4.0	0.41	4.00	N/A	U
TRICHLOROFLUOROMETHANE	0.57	4.0	0.57	4.00	N/A	U
VINYL CHLORIDE	0.77	4.0	0.77	4.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	95	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	90	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

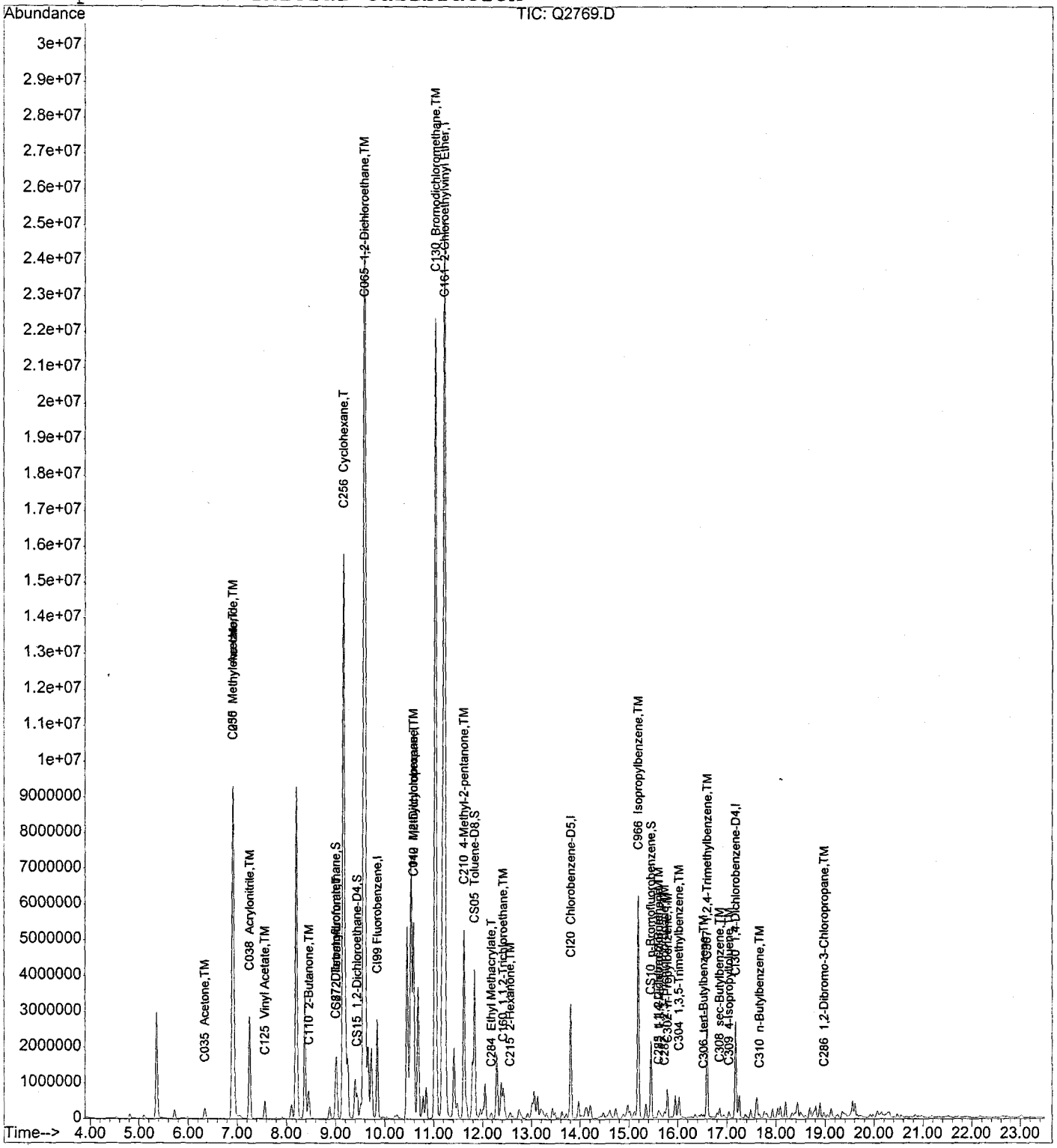
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2747433	1228596 - 4914384	
CHLOROBENZENE-d5	1102882	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	862668	374060 - 1496238	

Comments:

Quantitation Report

Data File : C:\HPCHEM\1\DATA\010505\Q2769.D Vial: 10
Acq On : 6 Jan 2005 5:37 Operator: CDC
Sample : A4C89506 A DF4 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 6 8:23 2005 Quant Results File: A4I01243.RES

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I01243.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:49:22 2004
Response via : Initial Calibration



AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.23	1.0	0.23	2.00	N/A	U
1,1,1-TRICHLOROETHANE	0.39	2.0	0.39	2.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	1.0	0.21	2.00	N/A	U
1,1,2-TRICHLOROETHANE	0.24	2.0	0.24	2.00	N/A	U
1,1-DICHLOROETHANE	0.31	2.0	0.31	2.00	N/A	U
1,1-DICHLOROETHENE	0.25	2.0	0.25	2.00	N/A	U
1,1-DICHLOROPROPENE	0.28	2.0	0.28	2.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.32	2.0	0.32	2.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.42	2.0	0.42	2.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.27	2.0	0.27	2.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.46	2.0	40	2.00	N/A	
1,2-DICHLOROETHANE	0.24	1.0	0.24	2.00	N/A	U
1,2-DICHLOROBENZENE	0.27	2.0	0.27	2.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.44	4.0	0.44	2.00	N/A	U
1,2-DICHLOROPROPANE	0.25	2.0	0.25	2.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.28	2.0	0.28	2.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.50	2.0	0.50	2.00	N/A	U
1,3-DICHLOROBENZENE	0.25	2.0	0.25	2.00	N/A	U
1,3-DICHLOROPROPANE	0.25	1.0	0.25	2.00	N/A	U
1,4-DICHLOROBENZENE	0.28	1.0	0.28	2.00	N/A	U
1-CHLOROHEXANE	0.28	2.0	0.28	2.00	N/A	U
2,2-DICHLOROPROPANE	0.54	2.0	0.54	2.00	N/A	U
2-CHLOROTOLUENE	0.51	2.0	0.51	2.00	N/A	U
4-CHLOROTOLUENE	0.40	2.0	0.40	2.00	N/A	U
ACETONE	2.7	20	2.7	2.00	N/A	U
BENZENE	0.30	1.0	2.2	2.00	N/A	
BROMOBENZENE	0.32	2.0	0.32	2.00	N/A	U
BROMOCHLOROMETHANE	0.27	2.0	0.27	2.00	N/A	U
BROMODICHLOROMETHANE	0.22	1.0	0.22	2.00	N/A	U
BROMOFORM	0.17	2.0	0.17	2.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.26	6.0	0.26	2.00	N/A	U
CARBON TETRACHLORIDE	0.36	2.0	0.36	2.00	N/A	U
CHLOROBENZENE	0.29	1.0	0.29	2.00	N/A	U
CHLOROETHANE	0.28	2.0	0.28	2.00	N/A	U
CHLOROFORM	0.32	1.0	0.32	2.00	N/A	U
CHLOROMETHANE	0.42	2.0	0.42	2.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.28	2.0	0.28	2.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.21	1.0	0.21	2.00	N/A	U
DIBROMOCHLOROMETHANE	0.20	1.0	0.20	2.00	N/A	U
DIBROMOMETHANE	0.24	2.0	0.24	2.00	N/A	U
DICHLORODIFLUOROMETHANE	0.44	2.0	0.44	2.00	N/A	U
ETHYLBENZENE	0.29	2.0	30	2.00	N/A	
HEXACHLOROBUTADIENE	0.46	1.2	0.46	2.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.50	2.0	10	2.00	N/A	
METHYLENE CHLORIDE	0.45	2.0	0.45	2.00	N/A	U
tert-BUTYL METHYL ETHER	0.19	10	0.19	2.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	2.4	20	2.4	2.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	2.9	20	2.9	2.00	N/A	U
n-BUTYLBENZENE	0.44	2.0	0.49	2.00	N/A	F
n-PROPYLBENZENE	0.43	2.0	10	2.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.67	4.0	25	2.00	N/A	
NAPHTHALENE	0.23	2.0	12	2.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.33	2.0	0.33	2.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.39	2.0	0.74	2.00	N/A	F
SEC-BUTYLBENZENE	0.51	2.0	1.7	2.00	N/A	F
STYRENE	0.25	2.0	0.25	2.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.32	2.0	0.32	2.00	N/A	U
t-BUTYLBENZENE	0.43	2.0	0.43	2.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.37	2.0	0.37	2.00	N/A	U
TOLUENE	0.34	2.0	0.34	2.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	2.0	0.24	2.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	2.0	0.20	2.00	N/A	U
TRICHLOROFLUOROMETHANE	0.29	2.0	0.29	2.00	N/A	U
VINYL CHLORIDE	0.39	2.0	0.39	2.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	76 - 119	
1,2-DICHLOROETHANE-d4	89	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2658705	1228596 - 4914384	
CHLOROBENZENE-d5	1065801	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	849748	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	8.3	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	2.7	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.25	1.00	N/A	F
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	5.5	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	2.1	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	2.5	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	4.2	1.00	N/A	
NAPHTHALENE	0.11	1.0	2.4	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.75	1.00	N/A	F
SEC-BUTYLBENZENE	0.25	1.0	0.44	1.00	N/A	F
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	76 - 119	
1,2-DICHLOROETHANE-d4	90	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2633756	1228596 - 4914384	
CHLOROBENZENE-d5	1039580	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	832891	374060 - 1496238	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.47	1.00	N/A	F
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.27	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2578199	1228596 - 4914384	
CHLOROBENZENE-d5	1012265	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	766919	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.57	1.00	N/A	
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.60	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2476834	1228596 - 4914384	
CHLOROBENZENE-d5	984808	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	759453	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	29	5.00	N/A	
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	1.8	5.00	N/A	F
n-PROPYLBENZENE	1.1	5.0	6.7	5.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	2.8	5.00	N/A	F
NAPHTHALENE	0.57	5.0	1.2	5.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	4.0	5.00	N/A	F
SEC-BUTYLBENZENE	1.3	5.0	3.8	5.00	N/A	F
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	76 - 119	
1,2-DICHLOROETHANE-d4	85	72 - 119	
DIBROMOFLUOROMETHANE	88	85 - 115	

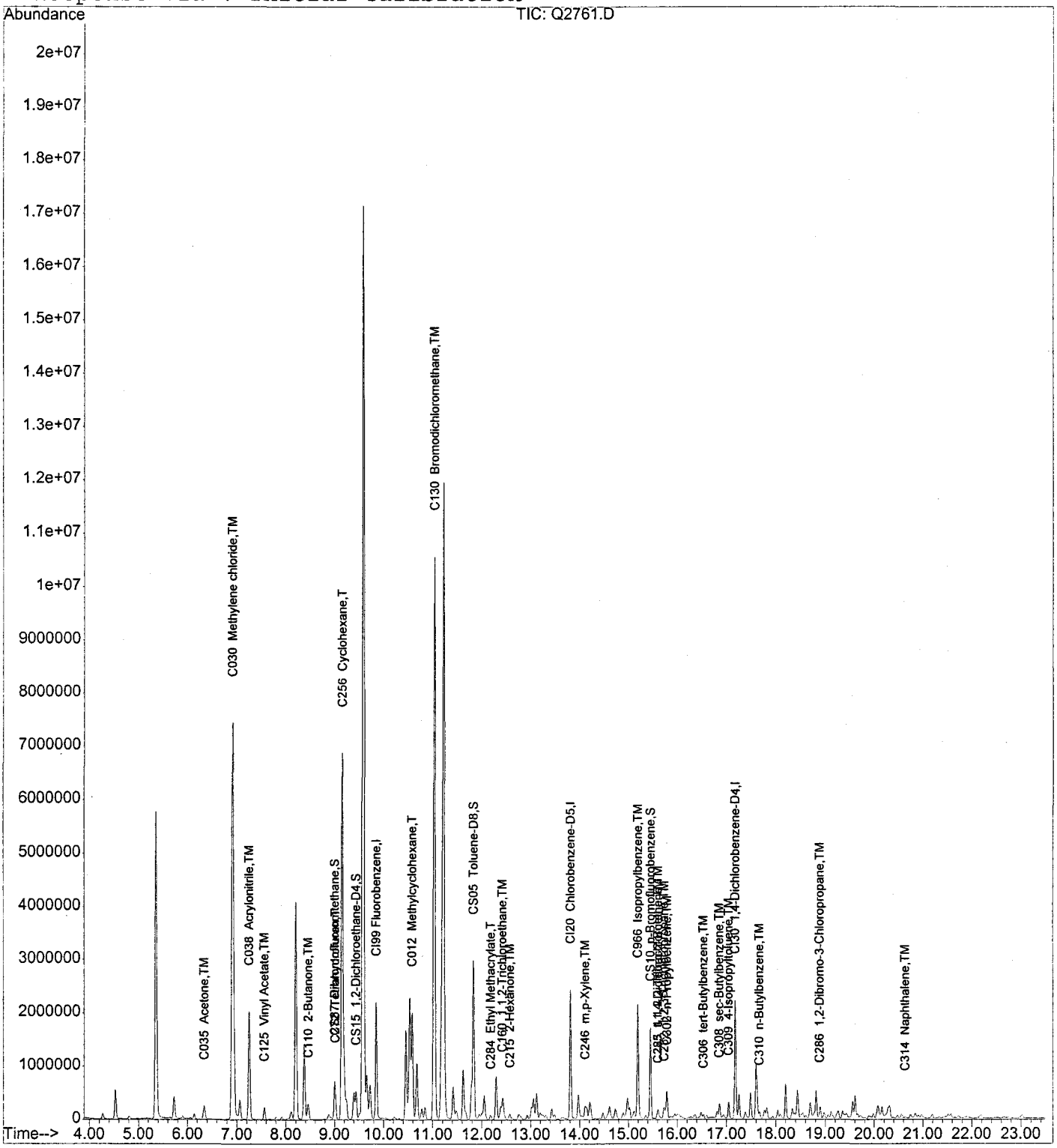
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2102295	1228596 - 4914384	
CHLOROBENZENE-d5	861601	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	682936	374060 - 1496238	

Comments:

Quantitation Report

Data File : C:\HPCHEM\1\DATA\010505\Q2761.D Vial: 2
Acq On : 6 Jan 2005 1:12 Operator: CDC
Sample : A4C89501 A DF5 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 6 8:21 2005 Quant Results File: A4I01243.RES

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I01243.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:49:22 2004
Response via : Initial Calibration



AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.340	100.0	0.337	250.0	0.325	500.0	0.326	1000.0	0.368	5.100	
BROMOMETHANE	12.5	0.164	100.0	0.141	250.0	0.125	500.0	0.118	1000.0	0.108	16.700	
VINYL CHLORIDE	12.5	0.279	100.0	0.281	250.0	0.266	500.0	0.276	1000.0	0.291	3.300	
BROMOCHLOROMETHANE	12.5	0.106	100.0	0.103	250.0	0.107	500.0	0.105	1000.0	0.103	1.600	
CHLOROETHANE	12.5	0.142	100.0	0.146	250.0	0.137	500.0	0.141	1000.0	0.144	2.400	
METHYLENE CHLORIDE	12.5	0.451	100.0	0.292	250.0	0.280	500.0	0.280	1000.0	0.270	24.300	
ACETONE	62.5	0.036	500.0	0.032	1250.0	0.030	2500.0	0.029	5000.0	0.038	11.600	
1,1-DICHLOROETHENE	12.5	0.204	100.0	0.196	250.0	0.195	500.0	0.188	1000.0	0.274	16.600	
1,1-DICHLOROETHANE	12.5	0.672	100.0	0.665	250.0	0.681	500.0	0.676	1000.0	0.673	0.900	
1-CHLOROHEXANE	12.5	0.842	100.0	1.119	250.0	1.088	500.0	1.108	1000.0	1.148	11.700	
cis-1,2-DICHLOROETHYLENE	12.5	0.329	100.0	0.325	250.0	0.339	500.0	0.342	1000.0	0.343	2.300	
trans-1,2-DICHLOROETHENE	12.5	0.311	100.0	0.319	250.0	0.322	500.0	0.324	1000.0	0.329	2.000	
CHLOROFORM	12.5	0.604	100.0	0.528	250.0	0.535	500.0	0.534	1000.0	0.530	5.900	
1,2-DICHLOROETHANE	12.5	0.314	100.0	0.313	250.0	0.325	500.0	0.323	1000.0	0.319	1.600	
METHYL ETHYL KETONE (2-BUTA	62.5	0.067	500.0	0.064	1250.0	0.066	2500.0	0.065	5000.0	0.062	2.900	
1,1,1-TRICHLOROETHANE	12.5	0.449	100.0	0.459	250.0	0.469	500.0	0.471	1000.0	0.476	2.300	
CARBON TETRACHLORIDE	12.5	0.365	100.0	0.374	250.0	0.389	500.0	0.400	1000.0	0.411	4.800	
BROMODICHLOROMETHANE	12.5	0.335	100.0	0.335	250.0	0.346	500.0	0.348	1000.0	0.347	2.000	
1,2-DICHLOROPROPANE	12.5	0.349	100.0	0.338	250.0	0.351	500.0	0.347	1000.0	0.328	2.700	
cis-1,3-DICHLOROPROPENE	12.5	0.365	100.0	0.400	250.0	0.425	500.0	0.428	1000.0	0.429	6.700	
TRICHLOROETHYLENE (TCE)	12.5	0.300	100.0	0.310	250.0	0.320	500.0	0.324	1000.0	0.326	3.400	
DIBROMOCHLOROMETHANE	12.5	0.448	100.0	0.438	250.0	0.467	500.0	0.467	1000.0	0.475	3.300	
1,1,2-TRICHLOROETHANE	12.5	0.131	100.0	0.129	250.0	0.135	500.0	0.132	1000.0	0.130	1.600	
BENZENE	12.5	1.249	100.0	1.267	250.0	1.297	500.0	1.280	1000.0	1.167	4.000	
trans-1,3-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
BROMOFORM	12.5	0.196	100.0	0.201	250.0	0.219	500.0	0.224	1000.0	0.225	6.400	
METHYL ISOBUTYL KETONE (4-M	62.5	0.462	500.0	0.471	1250.0	0.506	2500.0	0.489	5000.0	0.465	3.900	
TETRACHLOROETHYLENE(PCE)	12.5	0.778	100.0	0.800	250.0	0.807	500.0	0.822	1000.0	0.870	4.200	
1,1,2,2-TETRACHLOROETHANE	12.5	0.483	100.0	0.492	250.0	0.510	500.0	0.487	1000.0	0.475	2.700	
TOLUENE	12.5	0.745	100.0	0.768	250.0	0.794	500.0	0.801	1000.0	0.793	3.000	
CHLOROBENZENE	12.5	2.212	100.0	2.117	250.0	2.152	500.0	2.145	1000.0	2.135	1.700	
ETHYLBENZENE	12.5	3.588	100.0	3.757	250.0	3.838	500.0	3.733	1000.0	3.287	6.000	
STYRENE	12.5	1.928	100.0	2.199	250.0	2.317	500.0	2.275	1000.0	2.081	7.300	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
1,1,1,2-TETRACHLOROETHANE	12.5	0.642	100.0	0.651	250.0	0.684	500.0	0.685	1000.0	0.693	3.400	
1,1-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
1,2,3-TRICHLOROBENZENE	12.5	0.864	100.0	0.711	250.0	0.730	500.0	0.703	1000.0	0.703	9.300	
1,2,3-TRICHLOROPROPANE	12.5	0.147	100.0	0.138	250.0	0.143	500.0	0.137	1000.0	0.135	3.400	
1,2,4-TRICHLOROBENZENE	12.5	0.985	100.0	0.924	250.0	0.949	500.0	0.940	1000.0	0.953	2.400	
1,2,4-TRIMETHYLBENZENE	12.5	3.294	100.0	3.593	250.0	3.665	500.0	3.678	1000.0	3.445	4.600	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.085	100.0	0.068	250.0	0.067	500.0	0.065	1000.0	0.062	12.700	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.355	100.0	0.350	250.0	0.364	500.0	0.359	1000.0	0.355	1.500	
1,2-DICHLOROBENZENE	12.5	1.650	100.0	1.546	250.0	1.604	500.0	1.571	1000.0	1.580	2.500	
1,3,5-TRIMETHYLBENZENE (MES	12.5	3.345	100.0	3.578	250.0	3.686	500.0	3.686	1000.0	3.475	4.100	
1,3-DICHLOROBENZENE	12.5	2.077	100.0	1.965	250.0	1.997	500.0	2.003	1000.0	2.021	2.000	
1,3-DICHLOROPROPANE	12.5	0.724	100.0	0.733	250.0	0.769	500.0	0.756	1000.0	0.745	2.400	
1,4-DICHLOROBENZENE	12.5	2.099	100.0	1.891	250.0	1.920	500.0	1.909	1000.0	1.927	4.400	
2,2-DICHLOROPROPANE	12.5	0.407	100.0	0.436	250.0	0.459	500.0	0.473	1000.0	0.485	6.900	
2-CHLOROTOLUENE	12.5	1.013	100.0	1.055	250.0	1.069	500.0	1.088	1000.0	1.124	3.800	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	3.563	100.0	4.020	250.0	4.202	500.0	4.158	1000.0	3.797	6.800	
BROMOBENZENE	12.5	0.886	100.0	0.889	250.0	0.898	500.0	0.893	1000.0	0.922	1.600	
DIBROMOMETHANE	12.5	0.110	100.0	0.100	250.0	0.105	500.0	0.102	1000.0	0.100	4.000	
DICHLORODIFLUOROMETHANE	12.5	0.286	100.0	0.305	250.0	0.285	500.0	0.304	1000.0	0.305	3.500	
NAPHTHALENE	12.5	1.273	100.0	1.236	250.0	1.300	500.0	1.275	1000.0	1.229	2.300	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	1.231	100.0	1.370	250.0	1.419	500.0	1.417	1000.0	1.336	5.700	
TRICHLOROFLUOROMETHANE	12.5	0.390	100.0	0.404	250.0	0.373	500.0	0.384	1000.0	0.398	3.200	
n-BUTYLBENZENE	12.5	3.213	100.0	3.617	250.0	3.728	500.0	3.668	1000.0	3.413	6.000	
n-PROPYLBENZENE	12.5	5.177	100.0	5.480	250.0	5.544	500.0	5.273	1000.0	4.589	7.300	
4-CHLOROTOLUENE	12.5	1.064	100.0	1.073	250.0	1.116	500.0	1.116	1000.0	1.148	3.100	
SEC-BUTYLBENZENE	12.5	4.090	100.0	4.482	250.0	4.637	500.0	4.513	1000.0	4.107	5.800	
tert-BUTYL METHYL ETHER	12.5	0.490	100.0	0.487	250.0	0.531	500.0	0.525	1000.0	0.500	4.000	
t-BUTYLBENZENE	12.5	0.712	100.0	0.799	250.0	0.842	500.0	0.841	1000.0	0.867	7.500	
HEXACHLOROBUTADIENE	12.5	0.740	100.0	0.561	250.0	0.559	500.0	0.539	1000.0	0.556	14.200	
ISOPROPYLBENZENE (CUMENE)	12.5	3.877	100.0	4.384	250.0	4.558	500.0	4.485	1000.0	4.093	6.700	
M,P-XYLENE(SUM OF ISOMERS)	25.0	1.359	200.0	1.443	500.0	1.496	1000.0	1.471	2000.0	1.329	5.100	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

AFCEE 25ml Aut. 1243

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	ISTD						
2)	TM	C290	Dichlorodifluor	0.286	0.305	0.285	0.304	0.305	0.297	3.50
3)	TM	C010	Chloromethane	0.340	0.337	0.325	0.326	0.368	0.339	5.08
4)	TM	C020	Vinyl chloride	0.279	0.281	0.266	0.276	0.291	0.279	3.27
5)	TM	C015	Bromomethane	0.164	0.141	0.125	0.118	0.108	0.131	16.69
6)	TM	C025	Chloroethane	0.142	0.146	0.137	0.141	0.144	0.142	2.38
7)	TM	C275	Trichlorofluoro	0.390	0.404	0.372	0.384	0.398	0.390	3.17
8)	T	C291	1,1,2-Trichloro	0.187	0.186	0.196	0.194	0.243	0.201	11.83
9)	TM	C045	1,1-Dichloroeth	0.204	0.196	0.195	0.188	0.274	0.211	16.63
10)	T	C255	Methyl Acetate	0.124	0.111	0.110	0.109	0.151	0.121	14.68
11)	TM	C030	Methylene chlor	0.451	0.292	0.280	0.280	0.270	0.315	24.34
12)	TM	C040	Carbon disulfid	0.660	0.628	0.641	0.626	0.950	0.701	19.96
13)	T	C036	Acrolein	0.012	0.011	0.012	0.012	0.012	0.012	2.31
14)	TM	C038	Acrylonitrile	0.054	0.051	0.054	0.053	0.050	0.053	4.07
15)	TM	C035	Acetone	0.036	0.032	0.030	0.029	0.037	0.033	11.51
16)	T	C300	Acetonitrile	0.013	0.011	0.011	0.011	0.017	0.013	20.70
17)	TM	C276	Iodomethane	0.176	0.199	0.218	0.247	0.298	0.227	20.76
18)	TM	C962	T-butyl Methyl	0.490	0.487	0.531	0.525	0.500	0.507	3.97
19)	TM	C057	trans-1,2-Dichl	0.311	0.319	0.322	0.324	0.329	0.321	2.05
20)	TM	C050	1,1-Dichloroeth	0.672	0.665	0.681	0.676	0.672	0.673	0.86
21)	TM	C125	Vinyl Acetate	0.402	0.426	0.454	0.413	0.327	0.404	11.72
22)	TM	C051	2,2-Dichloropro	0.406	0.435	0.459	0.473	0.485	0.452	6.92
23)	TM	C056	cis-1,2-Dichlor	0.329	0.325	0.339	0.342	0.343	0.335	2.34
24)	T	C272	Tetrahydrofuran	0.042	0.040	0.043	0.042	0.040	0.041	3.10
25)	TM	C222	Bromochlorometh	0.106	0.103	0.107	0.105	0.103	0.104	1.62
26)	TM	C060	Chloroform	0.604	0.528	0.535	0.534	0.530	0.546	5.92
27)	T	C256	Cyclohexane	0.561	0.615	0.692	0.706	0.718	0.658	10.24
28)	S	CS87	Dibromofluoromt	0.245	0.241	0.210	0.234	0.244	0.235	6.20
29)	TM	C115	1,1,1-Trichloro	0.449	0.459	0.469	0.471	0.476	0.465	2.31
30)	TM	C120	Carbon tetrachl	0.365	0.374	0.389	0.400	0.411	0.388	4.84
31)	TM	C116	1,1-Dichloropro	0.267	0.297	0.322	0.322	0.321	0.306	7.87
32)	S	CS15	1,2-Dichloroeth	0.232	0.221	0.184	0.208	0.209	0.211	8.54
33)	TM	C165	Benzene	1.249	1.267	1.297	1.280	1.167	1.252	4.03
34)	TM	C065	1,2-Dichloroeth	0.314	0.313	0.325	0.323	0.319	0.319	1.65
35)	TM	C110	2-Butanone	0.067	0.064	0.066	0.065	0.062	0.065	2.91
36)	TM	C150	Trichloroethene	0.300	0.310	0.319	0.324	0.326	0.316	3.44
37)	TM	C140	1,2-Dichloropro	0.349	0.338	0.351	0.347	0.328	0.343	2.75
38)	TM	C278	Dibromomethane	0.110	0.100	0.105	0.102	0.100	0.103	3.98
39)	T	C012	Methylcyclohexa	0.435	0.494	0.565	0.574	0.561	0.526	11.37
40)	TM	C130	Bromodichlorome	0.335	0.335	0.346	0.348	0.347	0.342	1.97
41)	T	C161	2-Chloroethylvi	0.073	0.087	0.099	0.101	0.099	0.092	12.88
42)	TM	C230	Toluene	0.745	0.768	0.794	0.801	0.793	0.780	2.99
43)	TM	C170	trans-1,3-Dichl	0.267	0.297	0.322	0.322	0.321	0.306	7.87

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
44)	TM	C160	1,1,2-Trichloro	0.131	0.129	0.135	0.132	0.130	0.131	1.66
45)	TM	C145	cis-1,3-Dichlor	0.365	0.400	0.425	0.428	0.429	0.410	6.68
46)	I	CI20	Chlorobenzene-D	ISTD						
47)	S	CS05	Toluene-D8	2.707	2.715	2.450	2.683	2.637	2.638	4.16
48)	T	C284	Ethyl Methacryl	0.399	0.496	0.548	0.558	0.551	0.510	13.10
49)	TM	C220	Tetrachloroethe	0.778	0.800	0.807	0.822	0.870	0.816	4.23
50)	TM	C221	1,3-Dichloropro	0.724	0.733	0.769	0.756	0.745	0.746	2.41
51)	TM	C155	Dibromochlorome	0.448	0.438	0.467	0.467	0.475	0.459	3.34
52)	TM	C163	1,2-Dibromoetha	0.355	0.350	0.364	0.359	0.355	0.357	1.50
53)	TM	C215	2-Hexanone	0.219	0.244	0.266	0.260	0.240	0.246	7.45
54)	TM	C235	Chlorobenzene	2.212	2.117	2.152	2.145	2.135	2.152	1.68
55)	TM	D001	1-Chlorohexane	0.842	1.119	1.088	1.108	1.148	1.061	11.73
56)	TM	C281	1,1,1,2-Tetrach	0.642	0.651	0.684	0.685	0.693	0.671	3.41
57)	TM	C240	Ethylbenzene	3.588	3.757	3.838	3.733	3.287	3.641	5.97
58)	TM	C246	m,p-Xylene	1.359	1.443	1.496	1.471	1.329	1.420	5.08
59)	TM	C247	o-Xylene	1.231	1.370	1.419	1.417	1.336	1.355	5.69
60)	TM	C245	Styrene	1.927	2.199	2.317	2.275	2.081	2.160	7.30
61)	TM	C180	Bromoform	0.196	0.201	0.219	0.224	0.225	0.213	6.37
62)	S	CS10	p-Bromofluorobe	0.657	0.666	0.640	0.691	0.715	0.674	4.39
63)	I	CI30	1,4-Dichloroben	ISTD						
64)	TM	C210	4-Methyl-2-pent	0.462	0.471	0.506	0.489	0.465	0.478	3.89
65)	TM	C966	Isopropylbenzen	3.876	4.384	4.557	4.485	4.093	4.279	6.69
66)	TM	C301	Bromobenzene	0.886	0.889	0.898	0.893	0.922	0.898	1.60
67)	TM	C225	1,1,2,2-Tetrach	0.483	0.492	0.510	0.487	0.475	0.489	2.71
68)	TM	C282	1,2,3-Trichloro	0.147	0.138	0.143	0.137	0.135	0.140	3.39
69)	TM	C283	t-1,4-Dichloro-	0.157	0.162	0.177	0.178	0.175	0.170	5.71
70)	TM	C302	n-Propylbenzene	5.177	5.480	5.543	5.273	4.589	5.212	7.27
71)	TM	C303	2-Chlorotoluene	1.013	1.055	1.069	1.088	1.124	1.070	3.80
72)	TM	C289	4-Chlorotoluene	1.064	1.073	1.116	1.116	1.148	1.103	3.13
73)	TM	C304	1,3,5-Trimethyl	3.345	3.578	3.686	3.686	3.475	3.554	4.10
74)	TM	C306	tert-Butylbenze	0.712	0.799	0.842	0.841	0.867	0.812	7.51
75)	TM	C307	1,2,4-Trimethyl	3.294	3.593	3.665	3.678	3.445	3.535	4.62
76)	TM	C308	sec-Butylbenzen	4.090	4.482	4.637	4.513	4.107	4.366	5.75
77)	TM	C260	1,3-Dichloroben	2.077	1.965	1.997	2.003	2.021	2.012	2.05
78)	TM	C309	4-Isopropyltolu	3.563	4.019	4.202	4.158	3.797	3.948	6.76
79)	TM	C267	1,4-Dichloroben	2.099	1.891	1.920	1.909	1.927	1.949	4.36
80)	TM	C249	1,2-Dichloroben	1.650	1.546	1.604	1.571	1.580	1.590	2.47
81)	TM	C310	n-Butylbenzene	3.213	3.617	3.728	3.668	3.413	3.528	6.01
82)	TM	C286	1,2-Dibromo-3-C	0.084	0.068	0.067	0.065	0.062	0.069	12.65
83)	TM	C313	1,2,4-Trichloro	0.985	0.924	0.949	0.940	0.953	0.950	2.37
84)	TM	C316	Hexachlorobutad	0.740	0.561	0.559	0.539	0.555	0.591	14.20
85)	TM	C314	Naphthalene	1.273	1.236	1.300	1.275	1.229	1.262	2.33

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

	Compound	1	2	3	4	5	Avg	%RSD
86) TM C934	1,2,3-Trichloro	0.864	0.711	0.730	0.703	0.703	0.742	9.28

Total Average %RSD 6.43

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002345 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	237	-5.2	250.00	225	-10.0			
BROMOMETHANE	250.00	262	4.8	250.00	298	19.2			
VINYL CHLORIDE	250.00	258	3.2	250.00	277	10.8			
BROMOCHLOROMETHANE	250.00	256	2.4	250.00	248	-0.8			
CHLOROETHANE	250.00	268	7.2	250.00	304	21.6			OK see ground
METHYLENE CHLORIDE	250.00	225	-10.0	250.00	225	-10.0			
ACETONE	1250.00	1120	-10.4	1250.00	1450	16.0			
1,1-DICHLOROETHENE	250.00	260	4.0	250.00	262	4.8			
1,1-DICHLOROETHANE	250.00	252	0.8	250.00	247	-1.2			
1-CHLOROHEXANE	250.00	267	6.8	250.00	231	-7.6			
cis-1,2-DICHLOROETHYLENE	250.00	251	0.4	250.00	252	0.8			
trans-1,2-DICHLOROETHENE	250.00	265	6.0	250.00	245	-2.0			
CHLOROFORM	250.00	247	-1.2	250.00	239	-4.4			
1,2-DICHLOROETHANE	250.00	250	0.0	250.00	238	-4.8			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1180	-5.6	1250.00	1290	3.2			
1,1,1-TRICHLOROETHANE	250.00	257	2.8	250.00	241	-3.6			
CARBON TETRACHLORIDE	250.00	261	4.4	250.00	237	-5.2			
BROMODICHLOROMETHANE	250.00	249	-0.4	250.00	244	-2.4			
1,2-DICHLOROPROPANE	250.00	251	0.4	250.00	247	-1.2			
cis-1,3-DICHLOROPROPENE	250.00	257	2.8	250.00	245	-2.0			
TRICHLOROETHYLENE (TCE)	250.00	260	4.0	250.00	246	-1.6			
DIBROMOCHLOROMETHANE	250.00	247	-1.2	250.00	230	-8.0			
1,1,2-TRICHLOROETHANE	250.00	251	0.4	250.00	256	2.4			
BENZENE	250.00	264	5.6	250.00	255	2.0			
trans-1,3-DICHLOROPROPENE	250.00	260	4.0	250.00	243	-2.8			
BROMOFORM	250.00	255	2.0	250.00	232	-7.2			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1220	-2.4	1250.00	1200	-4.0			
TETRACHLOROETHYLENE(PCE)	250.00	259	3.6	250.00	235	-6.0			
1,1,2,2-TETRACHLOROETHANE	250.00	251	0.4	250.00	235	-6.0			
TOLUENE	250.00	258	3.2	250.00	254	1.6			
CHLOROBENZENE	250.00	253	1.2	250.00	239	-4.4			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A410001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002345 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ETHYLBENZENE	250.00	272	8.8	250.00	253	1.2			
STYRENE	250.00	269	7.6	250.00	259	3.6			
1,1,1,2-TETRACHLOROETHANE	250.00	256	2.4	250.00	237	-5.2			
1,1-DICHLOROPROPENE	250.00	260	4.0	250.00	243	-2.8			
1,2,3-TRICHLOROBENZENE	250.00	238	-4.8	250.00	223	-10.8			
1,2,3-TRICHLOROPROPANE	250.00	248	-0.8	250.00	228	-8.8			
1,2,4-TRICHLOROBENZENE	250.00	250	0.0	250.00	226	-9.6			
1,2,4-TRIMETHYLBENZENE	250.00	271	8.4	250.00	240	-4.0			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	234	-6.4	250.00	207	-17.2			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	249	-0.4	250.00	234	-6.4			
1,2-DICHLOROBENZENE	250.00	249	-0.4	250.00	230	-8.0			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	267	6.8	250.00	241	-3.6			
1,3-DICHLOROBENZENE	250.00	249	-0.4	250.00	232	-7.2			
1,3-DICHLOROPROPANE	250.00	258	3.2	250.00	237	-5.2			
1,4-DICHLOROBENZENE	250.00	252	0.8	250.00	227	-9.2			
2,2-DICHLOROPROPANE	250.00	269	7.6	250.00	243	-2.8			
2-CHLOROTOLUENE	250.00	266	6.4	250.00	233	-6.8			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	265	6.0	250.00	245	-2.0			
BROMOBENZENE	250.00	253	1.2	250.00	229	-8.4			
DIBROMOMETHANE	250.00	248	-0.8	250.00	240	-4.0			
DICHLORODIFLUOROMETHANE	250.00	217	-13.2	250.00	195	-22.0			
NAPHTHALENE	250.00	247	-1.2	250.00	232	-7.2			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	267	6.8	250.00	251	0.4			
TRICHLOROFLUOROMETHANE	250.00	275	10.0	250.00	318	27.2			
n-BUTYLBENZENE	250.00	276	10.4	250.00	243	-2.8			
n-PROPYLBENZENE	250.00	274	9.6	250.00	248	-0.8			
4-CHLOROTOLUENE	250.00	261	4.4	250.00	233	-6.8			
SEC-BUTYLBENZENE	250.00	285	14.0	250.00	246	-1.6			
tert-BUTYL METHYL ETHER	250.00	243	-2.8	250.00	239	-4.4			
t-BUTYLBENZENE	250.00	269	7.6	250.00	237	-5.2			
HEXACHLOROBUTADIENE	250.00	237	-5.2	250.00	206	-17.6			

OK See comment

OK See comments

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract:

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002345 CCV #2 ID:

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ISOPROPYLBENZENE (CUMENE)	250.00	257	2.8	250.00	244	-2.4			
M,P-XYLENE(SUM OF ISOMERS)	500.00	536	7.2	500.00	504	0.8			

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

SPCC #1 ID: A4I0001243 SPCC #2 ID: A5C0002345 SPCC #3 ID: _____

CCC #1 ID: A5C0002345 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.3390	0.1000	0.3053	0.1000									
VINYL CHLORIDE							250.00	277	10.8				
1,1-DICHLOROETHENE							250.00	262	4.8				
1,1-DICHLOROETHANE	0.6730	0.1000	0.6665	0.1000									
CHLOROFORM							250.00	239	4.4				
1,2-DICHLOROPROPANE							250.00	247	1.2				
BROMOFORM	0.2130	0.1000	0.1975	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.4890	0.3000	0.4609	0.3000									
TOLUENE							250.00	254	1.6				
CHLOROBENZENE	2.1520	0.3000	2.0556	0.3000									
ETHYLBENZENE							250.00	253	1.2				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0019402

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.16	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0019402

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.29	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0019402

Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	95	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	86	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2053149	1228596 - 4914384	
CHLOROBENZENE-d5	783840	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	591540	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0019401 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	55.1	110	40 - 135	
BENZENE	10.0	9.89	99	81 - 122	
BROMOBENZENE	10.0	9.06	91	76 - 124	
BROMOCHLOROMETHANE	10.0	9.71	97	65 - 129	
BROMODICHLOROMETHANE	10.0	9.34	93	76 - 121	
BROMOFORM	10.0	9.07	91	69 - 128	
BROMOMETHANE	10.0	11.7	118	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	49.2	98	49 - 136	
n-BUTYLBENZENE	10.0	9.69	97	69 - 137	
SEC-BUTYLBENZENE	10.0	9.75	98	72 - 127	
t-BUTYLBENZENE	10.0	9.24	92	70 - 129	
CARBON TETRACHLORIDE	10.0	9.49	95	66 - 138	
CHLOROBENZENE	10.0	9.40	94	81 - 122	
CHLOROETHANE	10.0	11.7	118	58 - 133	
CHLOROFORM	10.0	9.32	93	69 - 128	
CHLOROMETHANE	10.0	9.20	92	56 - 131	
2-CHLOROTOLUENE	10.0	9.13	91	73 - 126	
4-CHLOROTOLUENE	10.0	9.10	91	74 - 128	
DIBROMOCHLOROMETHANE	10.0	8.93	89	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	8.50	85	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	9.32	93	80 - 121	
DIBROMOMETHANE	10.0	9.44	94	76 - 125	
1,2-DICHLOROBENZENE	10.0	9.03	90	71 - 122	
1,3-DICHLOROBENZENE	10.0	8.97	90	75 - 124	
1,4-DICHLOROBENZENE	10.0	8.96	90	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	7.64	76	53 - 153	
1,1-DICHLOROETHANE	10.0	9.69	97	69 - 133	
1,2-DICHLOROETHANE	10.0	9.36	94	69 - 132	
1,1-DICHLOROETHENE	10.0	10.7	108	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	9.63	96	72 - 126	
trans-1,2-DICHLOROETHENE	10.0	9.44	94	63 - 137	
1,2-DICHLOROPROPANE	10.0	9.65	96	75 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0019401 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DICHLOROPROPANE	10.0	9.33	93	73 - 126	
2,2-DICHLOROPROPANE	10.0	9.75	98	69 - 137	
1,1-DICHLOROPROPENE	10.0	9.61	96	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	9.57	96	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	9.61	96	59 - 135	
ETHYLBENZENE	10.0	9.94	99	73 - 127	
HEXACHLOROBUTADIENE	10.0	8.26	80	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	9.61	96	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	9.61	96	73 - 130	
METHYLENE CHLORIDE	10.0	7.29	73	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	46.3	93	58 - 134	
NAPHTHALENE	10.0	8.86	89	54 - 138	
n-PROPYLBENZENE	10.0	9.66	97	72 - 129	
STYRENE	10.0	10.2	102	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	9.42	94	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	8.92	89	63 - 128	
TETRACHLOROETHYLENE(PCE)	10.0	9.33	93	66 - 128	
TOLUENE	10.0	9.86	99	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	8.52	85	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	8.90	89	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	9.54	95	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	9.73	97	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	9.48	95	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	12.5	126	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	8.84	88	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	9.45	94	74 - 132	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	9.41	94	74 - 131	
VINYL CHLORIDE	10.0	11.1	111	50 - 134	
tert-BUTYL METHYL ETHER	10.0	9.08	91	65 - 123	
1-CHLOROHEXANE	10.0	9.30	93	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	9.85	98	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	19.8	99	76 - 128	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0019401 Units: UG/L

Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	99	76 - 119	
1,2-DICHLOROETHANE-d4	85	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2141640	1228596 - 4914384	
CHLOROBENZENE-d5	854018	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	715618	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8260-A98 AAB#: A5B00194

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613LB Units: UG/L % Solids: 0.00

MS ID: A4C89502MS MSD ID: A4C89502SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
ACETONE	0	50.0	72.2	144	71.5	143	0.	40-135	20	*
BENZENE	0	10.0	10.4	105	10.2	102	3	81-122	20	
BROMOBENZENE	0	10.0	10.2	103	10.2	103	0	76-124	20	
BROMOCHLOROMETHANE	0	10.0	11.1	111	11.2	112	0.	65-129	20	
BROMODICHLOROMETHANE	0	10.0	11.7	118	11.8	118	0	76-121	20	
BROMOFORM	0	10.0	9.68	97	9.81	98	1	69-128	20	
BROMOMETHANE	0	10.0	8.63	86	8.71	87	1	53-141	20	
METHYL ETHYL KETONE (2-BUTANONE)	0	50.0	107	214	110	220	3	49-136	20	*
n-BUTYLBENZENE	3.79	10.0	14.5	108	14.8	110	2	69-137	20	
SEC-BUTYLBENZENE	14.4	10.0	21.0	65	21.3	68	4	72-127	20	*
t-BUTYLBENZENE	2.33	10.0	12.7	104	12.9	106	2	70-129	20	
CARBON TETRACHLORIDE	0	10.0	11.5	115	11.5	115	0	66-138	20	
CHLOROBENZENE	0	10.0	10.1	101	10.1	102	1	81-122	20	
CHLOROETHANE	0	10.0	11.7	117	11.5	115	2	58-133	20	
CHLOROFORM	0	10.0	10.7	107	10.7	108	0.	69-128	20	
CHLOROMETHANE	0	10.0	8.86	89	8.40	84	6	56-131	20	
2-CHLOROTOLUENE	0	10.0	10.9	109	10.7	108	0.	73-126	20	
4-CHLOROTOLUENE	0	10.0	10.3	103	10.3	103	0	74-128	20	
DIBROMOCHLOROMETHANE	0	10.0	9.75	98	9.82	98	0	66-133	20	
1,2-DIBROMO-3-CHLOROPROPANE	0	10.0	9.50	95	9.69	97	2	50-132	20	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0	10.0	10.5	106	10.5	105	0.	80-121	20	
DIBROMOMETHANE	0	10.0	10.9	109	10.8	109	0	76-125	20	
1,2-DICHLOROBENZENE	0	10.0	10.1	102	10.1	101	1	71-122	20	
1,3-DICHLOROBENZENE	0	10.0	9.98	100	9.94	99	1	75-124	20	
1,4-DICHLOROBENZENE	0	10.0	9.99	100	9.97	100	0	74-123	20	
DICHLORODIFLUOROMETHANE	0	10.0	10.3	104	10.1	102	2	53-153	20	
1,1-DICHLOROETHANE	0	10.0	10.7	108	10.6	106	2	69-133	20	
1,2-DICHLOROETHANE	0	10.0	11.0	110	10.7	108	2	69-132	20	
1,1-DICHLOROETHENE	0	10.0	10.3	104	9.97	100	4	68-130	20	
cis-1,2-DICHLOROETHYLENE	0	10.0	11.0	110	11.0	110	0	72-126	20	

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8260-A98 AAB#: A5B00194

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613LB Units: UG/L % Solids: 0.00

MS ID: A4C89502MS MSD ID: A4C89502SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
trans-1,2-DICHLOROETHENE	0	10.0	11.5	116	11.2	113	3	63-137	20	
1,2-DICHLOROPROPANE	0	10.0	10.2	102	9.87	99	3	75-125	20	
1,3-DICHLOROPROPANE	0	10.0	10.1	102	10.1	101	1	73-126	20	
2,2-DICHLOROPROPANE	0	10.0	11.4	114	11.2	113	0.	69-137	20	
1,1-DICHLOROPROPENE	0	10.0	11.0	111	11.0	111	0	73-132	20	
cis-1,3-DICHLOROPROPENE	0	10.0	11.1	112	11.2	112	0	69-131	20	
trans-1,3-DICHLOROPROPENE	0	10.0	11.0	111	11.0	111	0	59-135	20	
ETHYLBENZENE	0.214	10.0	11.0	108	10.8	106	2	73-127	20	
HEXACHLOROBUTADIENE	0	10.0	9.41	94	9.62	96	2	67-131	20	
ISOPROPYLBENZENE (CUMENE)	18.9	10.0	22.7	38	23.0	41	8	75-127	20	*
P-CYMENE (p-ISOPROPYLTOLUENE)	0	10.0	10.6	107	10.6	107	0	73-130	20	
METHYLENE CHLORIDE	0	10.0	8.54	85	7.96	80	6	63-137	20	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	0	50.0	62.7	125	64.2	128	2	58-134	20	
NAPHTHALENE	0	10.0	11.4	114	11.4	114	0	54-138	20	
n-PROPYLBENZENE	19.1	10.0	22.3	32	22.6	35	9	72-129	20	*
STYRENE	0	10.0	10.6	107	10.5	105	2	65-134	20	
1,1,1,2-TETRACHLOROETHANE	0	10.0	10.0	101	10.1	101	0	81-129	20	
1,1,2,2-TETRACHLOROETHANE	0	10.0	11.3	114	11.3	114	0	63-128	20	
TETRACHLOROETHYLENE(PCE)	0	10.0	10.4	104	10.4	105	1	66-128	20	
TOLUENE	0	10.0	11.3	114	11.2	112	2	77-122	20	
1,2,3-TRICHLOROBENZENE	0	10.0	10.1	102	10.1	102	0	67-137	20	
1,2,4-TRICHLOROBENZENE	0	10.0	10.6	107	10.5	106	0.	66-134	20	
1,1,1-TRICHLOROETHANE	0	10.0	11.4	115	11.4	114	0.	67-132	20	
1,1,2-TRICHLOROETHANE	0	10.0	13.3	134	17.9	180	29	75-125	20	*
TRICHLOROETHYLENE (TCE)	0	10.0	11.6	117	11.6	116	0.	70-127	20	
TRICHLOROFLUOROMETHANE	0	10.0	11.1	111	10.7	107	4	57-129	20	
1,2,3-TRICHLOROPROPANE	0	10.0	11.2	113	11.2	112	0.	73-124	20	
1,2,4-TRIMETHYLBENZENE	0	10.0	10.9	109	10.7	108	0.	74-132	20	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0	10.0	10.8	108	10.7	107	0.	74-131	20	
VINYL CHLORIDE	0	10.0	10.9	110	10.6	107	3	50-134	20	

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8260-A98 AAB#: A5B00194

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613LB Units: UG/L % Solids: 0.00

MS ID: A4C89502MS MSD ID: A4C89502SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
tert-BUTYL METHYL ETHER	0	10.0	10.9	109	11.0	110	0.	65-123	20	
1-CHLOROHEXANE	0	10.0	11.7	117	12.1	122	4	70-125	20	
O-XYLENE (1,2-DIMETHYLBENZENE)	0	10.0	10.5	105	10.4	105	0	80-121	20	
M,P-XYLENE(SUM OF ISOMERS)	0	20.0	21.2	106	21.3	107	0.	76-128	20	

Comments:

See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98

AAB#: A5B00194

Lab Name: STL Buffalo

Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
TF3M11613LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M11613LC	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M11613LD	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M11613LS	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M11713LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M119R12LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M121R12LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M12313LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M12713LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M12814LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M13114LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M13217LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M2114LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B00194

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973Q

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0002345	05-Jan-2005	2208	05-Jan-2005	2320
MSB 15	05-Jan-2005	2321	06-Jan-2005	0003
VBLK15	06-Jan-2005	0004	06-Jan-2005	0038
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	0039	06-Jan-2005	0111
TF3M2114LB	06-Jan-2005	0112	06-Jan-2005	0144
TF3M11613LB	06-Jan-2005	0145	06-Jan-2005	0217
TF3M11613LC	06-Jan-2005	0218	06-Jan-2005	0250
TF3M11613LS	06-Jan-2005	0251	06-Jan-2005	0324
TF3M11613LD	06-Jan-2005	0325	06-Jan-2005	0357
TF3M11713LB	06-Jan-2005	0358	06-Jan-2005	0430
TF3M119R12LB	06-Jan-2005	0431	06-Jan-2005	0503
TF3M121R12LB	06-Jan-2005	0504	06-Jan-2005	0536
TF3M12313LB	06-Jan-2005	0537	06-Jan-2005	0610
TF3M12713LB	06-Jan-2005	0611	06-Jan-2005	0643
TF3M12814LB	06-Jan-2005	0644	06-Jan-2005	0716
TF3M13114LB	06-Jan-2005	0717	06-Jan-2005	0749
TF3M13217LB	06-Jan-2005	0750	06-Jan-2005	0822

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 29-Dec-2004 12:06

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.9	
75	30.0 - 60.0% of mass 95	50.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	72.3	
175	5.0 - 9.0% of mass 174	4.9 (6.8) 1	
176	95.0 - 101.0% of mass 174	69.3 (95.8) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.9) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	29-Dec-2004	1235
VSTD020	29-Dec-2004	1308
VSTD010	29-Dec-2004	1341
VSTD004	29-Dec-2004	1414
VSTD0.5	29-Dec-2004	1448
VSTD010	29-Dec-2004	1901

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00194

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 5-Jan-2005 21:20

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.8	
75	30.0 - 60.0% of mass 95	46.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.1	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	74.2	
175	5.0 - 9.0% of mass 174	5.0 (6.7) 1	
176	95.0 - 101.0% of mass 174	73.5 (99.1) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	05-Jan-2005	2208
MSB 15	05-Jan-2005	2321
VBLK15	06-Jan-2005	0004
TF3M2114LB	06-Jan-2005	0112
TF3M11613LB	06-Jan-2005	0145
TF3M11613LC	06-Jan-2005	0218
TF3M11613LS	06-Jan-2005	0251
TF3M11613LD	06-Jan-2005	0325
TF3M11713LB	06-Jan-2005	0358
TF3M119R12LB	06-Jan-2005	0431
TF3M121R12LB	06-Jan-2005	0504
TF3M12313LB	06-Jan-2005	0537
TF3M12713LB	06-Jan-2005	0611
TF3M12814LB	06-Jan-2005	0644
TF3M13114LB	06-Jan-2005	0717
TF3M13217LB	06-Jan-2005	0750

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
123004LE	A4C89512
123004LF	A4C89513
123004LR	A4C89514
TF3M13316LB	A4C89511

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/28/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	97	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	86	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2375196	1228596 - 4914384	
CHLOROBENZENE-d5	865166	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	625652	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LF Lab Sample ID: A4C89513 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LF Lab Sample ID: A4C89513 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LF Lab Sample ID: A4C89513 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	85	76 - 119	
1,2-DICHLOROETHANE-d4	90	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2278901	1228596 - 4914384	
CHLOROBENZENE-d5	836245	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	592306	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LR Lab Sample ID: A4C89514 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LR Lab Sample ID: A4C89514 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LR Lab Sample ID: A4C89514 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	85	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2199908	1228596 - 4914384	
CHLOROBENZENE-d5	804274	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	590997	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	12	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	5.7	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	4.3	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.68	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	5.4	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.95	1.00	N/A	F
NAPHTHALENE	0.11	1.0	0.98	1.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.88	1.00	N/A	F
SEC-BUTYLBENZENE	0.25	1.0	4.1	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.45	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 31-Dec-2004 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	88	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2245456	1228596 - 4914384	
CHLOROBENZENE-d5	912584	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	701795	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.340	100.0	0.337	250.0	0.325	500.0	0.326	1000.0	0.368	5.100	
BROMOMETHANE	12.5	0.164	100.0	0.141	250.0	0.125	500.0	0.118	1000.0	0.108	16.700	
VINYL CHLORIDE	12.5	0.279	100.0	0.281	250.0	0.266	500.0	0.276	1000.0	0.291	3.300	
BROMOCHLOROMETHANE	12.5	0.106	100.0	0.103	250.0	0.107	500.0	0.105	1000.0	0.103	1.600	
CHLOROETHANE	12.5	0.142	100.0	0.146	250.0	0.137	500.0	0.141	1000.0	0.144	2.400	
METHYLENE CHLORIDE	12.5	0.451	100.0	0.292	250.0	0.280	500.0	0.280	1000.0	0.270	24.300	
ACETONE	62.5	0.036	500.0	0.032	1250.0	0.030	2500.0	0.029	5000.0	0.038	11.600	
1,1-DICHLOROETHENE	12.5	0.204	100.0	0.196	250.0	0.195	500.0	0.188	1000.0	0.274	16.600	
1,1-DICHLOROETHANE	12.5	0.672	100.0	0.665	250.0	0.681	500.0	0.676	1000.0	0.673	0.900	
1-CHLOROHEXANE	12.5	0.842	100.0	1.119	250.0	1.088	500.0	1.108	1000.0	1.148	11.700	
cis-1,2-DICHLOROETHYLENE	12.5	0.329	100.0	0.325	250.0	0.339	500.0	0.342	1000.0	0.343	2.300	
trans-1,2-DICHLOROETHENE	12.5	0.311	100.0	0.319	250.0	0.322	500.0	0.324	1000.0	0.329	2.000	
CHLOROFORM	12.5	0.604	100.0	0.528	250.0	0.535	500.0	0.534	1000.0	0.530	5.900	
1,2-DICHLOROETHANE	12.5	0.314	100.0	0.313	250.0	0.325	500.0	0.323	1000.0	0.319	1.600	
METHYL ETHYL KETONE (2-BUTA	62.5	0.067	500.0	0.064	1250.0	0.066	2500.0	0.065	5000.0	0.062	2.900	
1,1,1-TRICHLOROETHANE	12.5	0.449	100.0	0.459	250.0	0.469	500.0	0.471	1000.0	0.476	2.300	
CARBON TETRACHLORIDE	12.5	0.365	100.0	0.374	250.0	0.389	500.0	0.400	1000.0	0.411	4.800	
BROMODICHLOROMETHANE	12.5	0.335	100.0	0.335	250.0	0.346	500.0	0.348	1000.0	0.347	2.000	
1,2-DICHLOROPROPANE	12.5	0.349	100.0	0.338	250.0	0.351	500.0	0.347	1000.0	0.328	2.700	
cis-1,3-DICHLOROPROPENE	12.5	0.365	100.0	0.400	250.0	0.425	500.0	0.428	1000.0	0.429	6.700	
TRICHLOROETHYLENE (TCE)	12.5	0.300	100.0	0.310	250.0	0.320	500.0	0.324	1000.0	0.326	3.400	
DIBROMOCHLOROMETHANE	12.5	0.448	100.0	0.438	250.0	0.467	500.0	0.467	1000.0	0.475	3.300	
1,1,2-TRICHLOROETHANE	12.5	0.131	100.0	0.129	250.0	0.135	500.0	0.132	1000.0	0.130	1.600	
BENZENE	12.5	1.249	100.0	1.267	250.0	1.297	500.0	1.280	1000.0	1.167	4.000	
trans-1,3-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
BROMOFORM	12.5	0.196	100.0	0.201	250.0	0.219	500.0	0.224	1000.0	0.225	6.400	
METHYL ISOBUTYL KETONE (4-M	62.5	0.462	500.0	0.471	1250.0	0.506	2500.0	0.489	5000.0	0.465	3.900	
TETRACHLOROETHYLENE(PCE)	12.5	0.778	100.0	0.800	250.0	0.807	500.0	0.822	1000.0	0.870	4.200	
1,1,2,2-TETRACHLOROETHANE	12.5	0.483	100.0	0.492	250.0	0.510	500.0	0.487	1000.0	0.475	2.700	
TOLUENE	12.5	0.745	100.0	0.768	250.0	0.794	500.0	0.801	1000.0	0.793	3.000	
CHLOROBENZENE	12.5	2.212	100.0	2.117	250.0	2.152	500.0	2.145	1000.0	2.135	1.700	
ETHYLBENZENE	12.5	3.588	100.0	3.757	250.0	3.838	500.0	3.733	1000.0	3.287	6.000	
STYRENE	12.5	1.928	100.0	2.199	250.0	2.317	500.0	2.275	1000.0	2.081	7.300	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
1,1,1,2-TETRACHLOROETHANE	12.5	0.642	100.0	0.651	250.0	0.684	500.0	0.685	1000.0	0.693	3.400	
1,1-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
1,2,3-TRICHLOROBENZENE	12.5	0.864	100.0	0.711	250.0	0.730	500.0	0.703	1000.0	0.703	9.300	
1,2,3-TRICHLOROPROPANE	12.5	0.147	100.0	0.138	250.0	0.143	500.0	0.137	1000.0	0.135	3.400	
1,2,4-TRICHLOROBENZENE	12.5	0.985	100.0	0.924	250.0	0.949	500.0	0.940	1000.0	0.953	2.400	
1,2,4-TRIMETHYLBENZENE	12.5	3.294	100.0	3.593	250.0	3.665	500.0	3.678	1000.0	3.445	4.600	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.085	100.0	0.068	250.0	0.067	500.0	0.065	1000.0	0.062	12.700	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.355	100.0	0.350	250.0	0.364	500.0	0.359	1000.0	0.355	1.500	
1,2-DICHLOROBENZENE	12.5	1.650	100.0	1.546	250.0	1.604	500.0	1.571	1000.0	1.580	2.500	
1,3,5-TRIMETHYLBENZENE (MES	12.5	3.345	100.0	3.578	250.0	3.686	500.0	3.686	1000.0	3.475	4.100	
1,3-DICHLOROBENZENE	12.5	2.077	100.0	1.965	250.0	1.997	500.0	2.003	1000.0	2.021	2.000	
1,3-DICHLOROPROPANE	12.5	0.724	100.0	0.733	250.0	0.769	500.0	0.756	1000.0	0.745	2.400	
1,4-DICHLOROBENZENE	12.5	2.099	100.0	1.891	250.0	1.920	500.0	1.909	1000.0	1.927	4.400	
2,2-DICHLOROPROPANE	12.5	0.407	100.0	0.436	250.0	0.459	500.0	0.473	1000.0	0.485	6.900	
2-CHLOROTOLUENE	12.5	1.013	100.0	1.055	250.0	1.069	500.0	1.088	1000.0	1.124	3.800	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	3.563	100.0	4.020	250.0	4.202	500.0	4.158	1000.0	3.797	6.800	
BROMOBENZENE	12.5	0.886	100.0	0.889	250.0	0.898	500.0	0.893	1000.0	0.922	1.600	
DIBROMOMETHANE	12.5	0.110	100.0	0.100	250.0	0.105	500.0	0.102	1000.0	0.100	4.000	
DICHLORODIFLUOROMETHANE	12.5	0.286	100.0	0.305	250.0	0.285	500.0	0.304	1000.0	0.305	3.500	
NAPHTHALENE	12.5	1.273	100.0	1.236	250.0	1.300	500.0	1.275	1000.0	1.229	2.300	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	1.231	100.0	1.370	250.0	1.419	500.0	1.417	1000.0	1.336	5.700	
TRICHLOROFLUOROMETHANE	12.5	0.390	100.0	0.404	250.0	0.373	500.0	0.384	1000.0	0.398	3.200	
n-BUTYLBENZENE	12.5	3.213	100.0	3.617	250.0	3.728	500.0	3.668	1000.0	3.413	6.000	
n-PROPYLBENZENE	12.5	5.177	100.0	5.480	250.0	5.544	500.0	5.273	1000.0	4.589	7.300	
4-CHLOROTOLUENE	12.5	1.064	100.0	1.073	250.0	1.116	500.0	1.116	1000.0	1.148	3.100	
SEC-BUTYLBENZENE	12.5	4.090	100.0	4.482	250.0	4.637	500.0	4.513	1000.0	4.107	5.800	
tert-BUTYL METHYL ETHER	12.5	0.490	100.0	0.487	250.0	0.531	500.0	0.525	1000.0	0.500	4.000	
t-BUTYLBENZENE	12.5	0.712	100.0	0.799	250.0	0.842	500.0	0.841	1000.0	0.867	7.500	
HEXACHLOROBUTADIENE	12.5	0.740	100.0	0.561	250.0	0.559	500.0	0.539	1000.0	0.556	14.200	
ISOPROPYLBENZENE (CUMENE)	12.5	3.877	100.0	4.384	250.0	4.558	500.0	4.485	1000.0	4.093	6.700	
M,P-XYLENE(SUM OF ISOMERS)	25.0	1.359	200.0	1.443	500.0	1.496	1000.0	1.471	2000.0	1.329	5.100	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

AFCEE 25ml Aut.. 1243

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	ISTD						
2)	TM	C290	Dichlorodifluor	0.286	0.305	0.285	0.304	0.305	0.297	3.50
3)	TM	C010	Chloromethane	0.340	0.337	0.325	0.326	0.368	0.339	5.08
4)	TM	C020	Vinyl chloride	0.279	0.281	0.266	0.276	0.291	0.279	3.27
5)	TM	C015	Bromomethane	0.164	0.141	0.125	0.118	0.108	0.131	16.69
6)	TM	C025	Chloroethane	0.142	0.146	0.137	0.141	0.144	0.142	2.38
7)	TM	C275	Trichlorofluoro	0.390	0.404	0.372	0.384	0.398	0.390	3.17
8)	T	C291	1,1,2-Trichloro	0.187	0.186	0.196	0.194	0.243	0.201	11.83
9)	TM	C045	1,1-Dichloroeth	0.204	0.196	0.195	0.188	0.274	0.211	16.63
10)	T	C255	Methyl Acetate	0.124	0.111	0.110	0.109	0.151	0.121	14.68
11)	TM	C030	Methylene chlor	0.451	0.292	0.280	0.280	0.270	0.315	24.34
12)	TM	C040	Carbon disulfid	0.660	0.628	0.641	0.626	0.950	0.701	19.96
13)	T	C036	Acrolein	0.012	0.011	0.012	0.012	0.012	0.012	2.31
14)	TM	C038	Acrylonitrile	0.054	0.051	0.054	0.053	0.050	0.053	4.07
15)	TM	C035	Acetone	0.036	0.032	0.030	0.029	0.037	0.033	11.51
16)	T	C300	Acetonitrile	0.013	0.011	0.011	0.011	0.017	0.013	20.70
17)	TM	C276	Iodomethane	0.176	0.199	0.218	0.247	0.298	0.227	20.76
18)	TM	C962	T-butyl Methyl	0.490	0.487	0.531	0.525	0.500	0.507	3.97
19)	TM	C057	trans-1,2-Dichl	0.311	0.319	0.322	0.324	0.329	0.321	2.05
20)	TM	C050	1,1-Dichloroeth	0.672	0.665	0.681	0.676	0.672	0.673	0.86
21)	TM	C125	Vinyl Acetate	0.402	0.426	0.454	0.413	0.327	0.404	11.72
22)	TM	C051	2,2-Dichloropro	0.406	0.435	0.459	0.473	0.485	0.452	6.92
23)	TM	C056	cis-1,2-Dichlor	0.329	0.325	0.339	0.342	0.343	0.335	2.34
24)	T	C272	Tetrahydrofuran	0.042	0.040	0.043	0.042	0.040	0.041	3.10
25)	TM	C222	Bromochlorometh	0.106	0.103	0.107	0.105	0.103	0.104	1.62
26)	TM	C060	Chloroform	0.604	0.528	0.535	0.534	0.530	0.546	5.92
27)	T	C256	Cyclohexane	0.561	0.615	0.692	0.706	0.718	0.658	10.24
28)	S	CS87	Dibromofluoromt	0.245	0.241	0.210	0.234	0.244	0.235	6.20
29)	TM	C115	1,1,1-Trichloro	0.449	0.459	0.469	0.471	0.476	0.465	2.31
30)	TM	C120	Carbon tetrachl	0.365	0.374	0.389	0.400	0.411	0.388	4.84
31)	TM	C116	1,1-Dichloropro	0.267	0.297	0.322	0.322	0.321	0.306	7.87
32)	S	CS15	1,2-Dichloroeth	0.232	0.221	0.184	0.208	0.209	0.211	8.54
33)	TM	C165	Benzene	1.249	1.267	1.297	1.280	1.167	1.252	4.03
34)	TM	C065	1,2-Dichloroeth	0.314	0.313	0.325	0.323	0.319	0.319	1.65
35)	TM	C110	2-Butanone	0.067	0.064	0.066	0.065	0.062	0.065	2.91
36)	TM	C150	Trichloroethene	0.300	0.310	0.319	0.324	0.326	0.316	3.44
37)	TM	C140	1,2-Dichloropro	0.349	0.338	0.351	0.347	0.328	0.343	2.75
38)	TM	C278	Dibromomethane	0.110	0.100	0.105	0.102	0.100	0.103	3.98
39)	T	C012	Methylcyclohexa	0.435	0.494	0.565	0.574	0.561	0.526	11.37
40)	TM	C130	Bromodichlorome	0.335	0.335	0.346	0.348	0.347	0.342	1.97
41)	T	C161	2-Chloroethylvi	0.073	0.087	0.099	0.101	0.099	0.092	12.88
42)	TM	C230	Toluene	0.745	0.768	0.794	0.801	0.793	0.780	2.99
43)	TM	C170	trans-1,3-Dichl	0.267	0.297	0.322	0.322	0.321	0.306	7.87

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
44)	TM	C160	1,1,2-Trichloro	0.131	0.129	0.135	0.132	0.130	0.131	1.66
45)	TM	C145	cis-1,3-Dichlor	0.365	0.400	0.425	0.428	0.429	0.410	6.68
46)	I	CI20	Chlorobenzene-D	----------	ISTD	----------				
47)	S	CS05	Toluene-D8	2.707	2.715	2.450	2.683	2.637	2.638	4.16
48)	T	C284	Ethyl Methacryl	0.399	0.496	0.548	0.558	0.551	0.510	13.10
49)	TM	C220	Tetrachloroethe	0.778	0.800	0.807	0.822	0.870	0.816	4.23
50)	TM	C221	1,3-Dichloropro	0.724	0.733	0.769	0.756	0.745	0.746	2.41
51)	TM	C155	Dibromochlorome	0.448	0.438	0.467	0.467	0.475	0.459	3.34
52)	TM	C163	1,2-Dibromoetha	0.355	0.350	0.364	0.359	0.355	0.357	1.50
53)	TM	C215	2-Hexanone	0.219	0.244	0.266	0.260	0.240	0.246	7.45
54)	TM	C235	Chlorobenzene	2.212	2.117	2.152	2.145	2.135	2.152	1.68
55)	TM	D001	1-Chlorohexane	0.842	1.119	1.088	1.108	1.148	1.061	11.73
56)	TM	C281	1,1,1,2-Tetrach	0.642	0.651	0.684	0.685	0.693	0.671	3.41
57)	TM	C240	Ethylbenzene	3.588	3.757	3.838	3.733	3.287	3.641	5.97
58)	TM	C246	m,p-Xylene	1.359	1.443	1.496	1.471	1.329	1.420	5.08
59)	TM	C247	o-Xylene	1.231	1.370	1.419	1.417	1.336	1.355	5.69
60)	TM	C245	Styrene	1.927	2.199	2.317	2.275	2.081	2.160	7.30
61)	TM	C180	Bromoform	0.196	0.201	0.219	0.224	0.225	0.213	6.37
62)	S	CS10	p-Bromofluorobe	0.657	0.666	0.640	0.691	0.715	0.674	4.39
63)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
64)	TM	C210	4-Methyl-2-pent	0.462	0.471	0.506	0.489	0.465	0.478	3.89
65)	TM	C966	Isopropylbenzen	3.876	4.384	4.557	4.485	4.093	4.279	6.69
66)	TM	C301	Bromobenzene	0.886	0.889	0.898	0.893	0.922	0.898	1.60
67)	TM	C225	1,1,2,2-Tetrach	0.483	0.492	0.510	0.487	0.475	0.489	2.71
68)	TM	C282	1,2,3-Trichloro	0.147	0.138	0.143	0.137	0.135	0.140	3.39
69)	TM	C283	t-1,4-Dichloro-	0.157	0.162	0.177	0.178	0.175	0.170	5.71
70)	TM	C302	n-Propylbenzene	5.177	5.480	5.543	5.273	4.589	5.212	7.27
71)	TM	C303	2-Chlorotoluene	1.013	1.055	1.069	1.088	1.124	1.070	3.80
72)	TM	C289	4-Chlorotoluene	1.064	1.073	1.116	1.116	1.148	1.103	3.13
73)	TM	C304	1,3,5-Trimethyl	3.345	3.578	3.686	3.686	3.475	3.554	4.10
74)	TM	C306	tert-Butylbenze	0.712	0.799	0.842	0.841	0.867	0.812	7.51
75)	TM	C307	1,2,4-Trimethyl	3.294	3.593	3.665	3.678	3.445	3.535	4.62
76)	TM	C308	sec-Butylbenzen	4.090	4.482	4.637	4.513	4.107	4.366	5.75
77)	TM	C260	1,3-Dichloroben	2.077	1.965	1.997	2.003	2.021	2.012	2.05
78)	TM	C309	4-Isopropyltolu	3.563	4.019	4.202	4.158	3.797	3.948	6.76
79)	TM	C267	1,4-Dichloroben	2.099	1.891	1.920	1.909	1.927	1.949	4.36
80)	TM	C249	1,2-Dichloroben	1.650	1.546	1.604	1.571	1.580	1.590	2.47
81)	TM	C310	n-Butylbenzene	3.213	3.617	3.728	3.668	3.413	3.528	6.01
82)	TM	C286	1,2-Dibromo-3-C	0.084	0.068	0.067	0.065	0.062	0.069	12.65
83)	TM	C313	1,2,4-Trichloro	0.985	0.924	0.949	0.940	0.953	0.950	2.37
84)	TM	C316	Hexachlorobutad	0.740	0.561	0.559	0.539	0.555	0.591	14.20
85)	TM	C314	Naphthalene	1.273	1.236	1.300	1.275	1.229	1.262	2.33

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

	Compound	1	2	3	4	5	Avg	%RSD
86) TM	C934 1,2,3-Trichloro	0.864	0.711	0.730	0.703	0.703	0.742	9.28

Total Average %RSD 6.43

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002379 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	237	-5.2	250.00	179	-28.4			*
BROMOMETHANE	250.00	262	4.8	250.00	211	-15.6			
VINYL CHLORIDE	250.00	258	3.2	250.00	226	-9.6			
BROMOCHLOROMETHANE	250.00	256	2.4	250.00	250	0.0			
CHLOROETHANE	250.00	268	7.2	250.00	231	-7.6			
METHYLENE CHLORIDE	250.00	225	-10.0	250.00	208	-16.8			
ACETONE	1250.00	1120	-10.4	1250.00	1060	-15.2			
1,1-DICHLOROETHENE	250.00	260	4.0	250.00	222	-11.2			
1,1-DICHLOROETHANE	250.00	252	0.8	250.00	234	-6.4			
1-CHLOROHEXANE	250.00	267	6.8	250.00	254	1.6			
cis-1,2-DICHLOROETHYLENE	250.00	251	0.4	250.00	242	-3.2			
trans-1,2-DICHLOROETHENE	250.00	265	6.0	250.00	252	0.8			
CHLOROFORM	250.00	247	-1.2	250.00	238	-4.8			
1,2-DICHLOROETHANE	250.00	250	0.0	250.00	240	-4.0			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1180	-5.6	1250.00	1160	-7.2			
1,1,1-TRICHLOROETHANE	250.00	257	2.8	250.00	246	-1.6			
CARBON TETRACHLORIDE	250.00	261	4.4	250.00	246	-1.6			
BROMODICHLOROMETHANE	250.00	249	-0.4	250.00	240	-4.0			
1,2-DICHLOROPROPANE	250.00	251	0.4	250.00	234	-6.4			
cis-1,3-DICHLOROPROPENE	250.00	257	2.8	250.00	247	-1.2			
TRICHLOROETHYLENE (TCE)	250.00	260	4.0	250.00	248	-0.8			
DIBROMOCHLOROMETHANE	250.00	247	-1.2	250.00	245	-2.0			
1,1,2-TRICHLOROETHANE	250.00	251	0.4	250.00	245	-2.0			
BENZENE	250.00	264	5.6	250.00	249	-0.4			
trans-1,3-DICHLOROPROPENE	250.00	260	4.0	250.00	246	-1.6			
BROMOFORM	250.00	255	2.0	250.00	243	-2.8			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1220	-2.4	1250.00	1250	0.0			
TETRACHLOROETHYLENE(PCE)	250.00	259	3.6	250.00	243	-2.8			
1,1,2,2-TETRACHLOROETHANE	250.00	251	0.4	250.00	252	0.8			
TOLUENE	250.00	258	3.2	250.00	245	-2.0			
CHLOROBENZENE	250.00	253	1.2	250.00	243	-2.8			

* OK see comments 1/24/05

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002379 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ETHYLBENZENE	250.00	272	8.8	250.00	258	3.2			
STYRENE	250.00	269	7.6	250.00	257	2.8			
1,1,1,2-TETRACHLOROETHANE	250.00	256	2.4	250.00	249	-0.4			
1,1-DICHLOROPROPENE	250.00	260	4.0	250.00	246	-1.6			
1,2,3-TRICHLOROBENZENE	250.00	238	-4.8	250.00	239	-4.4			
1,2,3-TRICHLOROPROPANE	250.00	248	-0.8	250.00	253	1.2			
1,2,4-TRICHLOROBENZENE	250.00	250	0.0	250.00	248	-0.8			
1,2,4-TRIMETHYLBENZENE	250.00	271	8.4	250.00	260	4.0			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	234	-6.4	250.00	231	-7.6			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	249	-0.4	250.00	253	1.2			
1,2-DICHLOROBENZENE	250.00	249	-0.4	250.00	245	-2.0			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	267	6.8	250.00	259	3.6			
1,3-DICHLOROBENZENE	250.00	249	-0.4	250.00	243	-2.8			
1,3-DICHLOROPROPANE	250.00	258	3.2	250.00	252	0.8			
1,4-DICHLOROBENZENE	250.00	252	0.8	250.00	244	-2.4			
2,2-DICHLOROPROPANE	250.00	269	7.6	250.00	250	0.0			
2-CHLOROTOLUENE	250.00	266	6.4	250.00	256	2.4			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	265	6.0	250.00	251	0.4			
BROMOBENZENE	250.00	253	1.2	250.00	252	0.8			
DIBROMOMETHANE	250.00	248	-0.8	250.00	240	-4.0			
DICHLORODIFLUOROMETHANE	250.00	217	-13.2	250.00	207	-17.2			
NAPHTHALENE	250.00	247	-1.2	250.00	247	-1.2			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	267	6.8	250.00	252	0.8			
TRICHLOROFLUOROMETHANE	250.00	275	10.0	250.00	237	-5.2			
n-BUTYLBENZENE	250.00	276	10.4	250.00	262	4.8			
n-PROPYLBENZENE	250.00	274	9.6	250.00	263	5.2			
4-CHLOROTOLUENE	250.00	261	4.4	250.00	250	0.0			
SEC-BUTYLBENZENE	250.00	285	14.0	250.00	272	8.8			
tert-BUTYL METHYL ETHER	250.00	243	-2.8	250.00	240	-4.0			
t-BUTYLBENZENE	250.00	269	7.6	250.00	256	2.4			
HEXACHLOROBUTADIENE	250.00	237	-5.2	250.00	227	-9.2			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A410001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002379 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ISOPROPYLBENZENE (CUMENE)	250.00	257	2.8	250.00	248	-0.8			
M,P-XYLENE(SUM OF ISOMERS)	500.00	536	7.2	500.00	507	1.4			

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

SPCC #1 ID: A4I0001243 SPCC #2 ID: A5C0002379 SPCC #3 ID: _____

CCC #1 ID: A5C0002379 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.3390	0.1000	0.2429	0.1000									
VINYL CHLORIDE							250.00	226	9.6				
1,1-DICHLOROETHENE							250.00	222	11.2				
1,1-DICHLOROETHANE	0.6730	0.1000	0.6290	0.1000									
CHLOROFORM							250.00	238	4.8				
1,2-DICHLOROPROPANE							250.00	234	6.4				
BROMOFORM	0.2130	0.1000	0.2070	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.4890	0.3000	0.4929	0.3000									
TOLUENE							250.00	245	2.0				
CHLOROBENZENE	2.1520	0.3000	2.0928	0.3000									
ETHYLBENZENE							250.00	258	3.2				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0023202

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.16	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0023202

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.23	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0023202

Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	101	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	87	76 - 119	
1,2-DICHLOROETHANE-d4	86	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2450698	1228596 - 4914384	
CHLOROBENZENE-d5	868039	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	599058	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0023201 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	42.3	85	40 - 135	
BENZENE	10.0	9.35	94	81 - 122	
BROMOBENZENE	10.0	9.51	95	76 - 124	
BROMOCHLOROMETHANE	10.0	9.19	92	65 - 129	
BROMODICHLOROMETHANE	10.0	9.19	92	76 - 121	
BROMOFORM	10.0	9.16	92	69 - 128	
BROMOMETHANE	10.0	8.48	85	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	46.6	93	49 - 136	
n-BUTYLBENZENE	10.0	10.1	102	69 - 137	
SEC-BUTYLBENZENE	10.0	10.1	102	72 - 127	
t-BUTYLBENZENE	10.0	9.82	98	70 - 129	
CARBON TETRACHLORIDE	10.0	9.36	94	66 - 138	
CHLOROBENZENE	10.0	9.27	93	81 - 122	
CHLOROETHANE	10.0	8.93	89	58 - 133	
CHLOROFORM	10.0	8.96	90	69 - 128	
CHLOROMETHANE	10.0	7.55	76	56 - 131	
2-CHLOROTOLUENE	10.0	9.52	95	73 - 126	
4-CHLOROTOLUENE	10.0	9.52	95	74 - 128	
DIBROMOCHLOROMETHANE	10.0	9.16	92	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	8.94	89	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	9.47	95	80 - 121	
DIBROMOMETHANE	10.0	9.08	91	76 - 125	
1,2-DICHLOROBENZENE	10.0	9.45	94	71 - 122	
1,3-DICHLOROBENZENE	10.0	9.38	94	75 - 124	
1,4-DICHLOROBENZENE	10.0	9.24	92	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	9.25	92	53 - 153	
1,1-DICHLOROETHANE	10.0	8.99	90	69 - 133	
1,2-DICHLOROETHANE	10.0	9.07	91	69 - 132	
1,1-DICHLOROETHENE	10.0	8.10	81	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	9.26	93	72 - 126	
trans-1,2-DICHLOROETHENE	10.0	9.17	92	63 - 137	
1,2-DICHLOROPROPANE	10.0	8.99	90	75 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0023201 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DICHLOROPROPANE	10.0	9.37	94	73 - 126	
2,2-DICHLOROPROPANE	10.0	9.62	96	69 - 137	
1,1-DICHLOROPROPENE	10.0	9.36	94	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	9.27	93	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	9.36	94	59 - 135	
ETHYLBENZENE	10.0	9.91	99	73 - 127	
HEXACHLOROBUTADIENE	10.0	8.92	89	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	10.2	103	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	10.1	101	73 - 130	
METHYLENE CHLORIDE	10.0	8.01	80	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	49.7	100	58 - 134	
NAPHTHALENE	10.0	9.57	96	54 - 138	
n-PROPYLBENZENE	10.0	10.2	102	72 - 129	
STYRENE	10.0	9.80	98	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	9.41	94	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	9.57	96	63 - 128	
TETRACHLOROETHYLENE(PCE)	10.0	9.31	93	66 - 128	
TOLUENE	10.0	9.32	93	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	9.23	92	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	9.50	95	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	9.42	94	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	9.23	92	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	9.39	94	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	9.51	95	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	9.46	95	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	9.94	99	74 - 132	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	10.0	100	74 - 131	
VINYL CHLORIDE	10.0	9.07	91	50 - 134	
tert-BUTYL METHYL ETHER	10.0	9.38	94	65 - 123	
1-CHLOROHEXANE	10.0	9.13	91	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	9.65	96	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	19.3	97	76 - 128	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0023201 Units: UG/L

Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	82	72 - 119	
DIBROMOFLUOROMETHANE	86	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2705830	1228596 - 4914384	
CHLOROBENZENE-d5	1022091	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	786914	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98

AAB#: A5B00232

Lab Name: STL Buffalo

Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
123004LE	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
123004LF	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
123004LR	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	
TF3M13316LB	30-Dec-2004	31-Dec-2004	6-Jan-2005	14.00	7.00	6-Jan-2005	14.00	7.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B00232

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973Q

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0002379	06-Jan-2005	0954	06-Jan-2005	1026
MSB16	06-Jan-2005	1027	06-Jan-2005	1237
VBLK16	06-Jan-2005	1238	06-Jan-2005	1310
123004LE	06-Jan-2005	1311	06-Jan-2005	1344
123004LF	06-Jan-2005	1345	06-Jan-2005	1417
123004LR	06-Jan-2005	1418	06-Jan-2005	1450
TF3M13316LB	06-Jan-2005	1451	06-Jan-2005	1523
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1524	06-Jan-2005	1557
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1558	06-Jan-2005	1630
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1631	06-Jan-2005	1703
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1704	06-Jan-2005	1736

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 29-Dec-2004 12:06

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.9	
75	30.0 - 60.0% of mass 95	50.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	72.3	
175	5.0 - 9.0% of mass 174	4.9 (6.8) 1	
176	95.0 - 101.0% of mass 174	69.3 (95.8) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.9) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	29-Dec-2004	1235
VSTD020	29-Dec-2004	1308
VSTD010	29-Dec-2004	1341
VSTD004	29-Dec-2004	1414
VSTD0.5	29-Dec-2004	1448
VSTD010	29-Dec-2004	1901

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 6-Jan-2005 08:29

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.0	
75	30.0 - 60.0% of mass 95	44.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.2 (0.3) 1	
174	50 - 120 % of mass 95	75.9	
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1	
176	95.0 - 101.0% of mass 174	72.6 (95.6) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	06-Jan-2005	0954
MSB16	06-Jan-2005	1027
VBLK16	06-Jan-2005	1238
123004LE	06-Jan-2005	1311
123004LF	06-Jan-2005	1345
123004LR	06-Jan-2005	1418
TF3M13316LB	06-Jan-2005	1451

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A04-C895

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
123004LE	A4C89512	86		91		91		97	
123004LF	A4C89513	85		92		90		96	
123004LR	A4C89514	85		91		91		96	
MSB 15	A5B0019401	99		91		85		93	
MSB16	A5B0023201	97		86		82		92	
TF3M11613LB	A4C89502	93		86		93		100	
TF3M11613LC	A4C89502FD	93		87		94		101	
TF3M11613LD	A4C89502SD	94		89		92		96	
TF3M11613LS	A4C89502MS	93		89		93		96	
TF3M11713LB	A4C89503	95		91		92		94	
TF3M119R12LB	A4C89504	96		88		88		92	
TF3M121R12LB	A4C89505	95		91		88		91	
TF3M12313LB	A4C89506	97		90		90		95	
TF3M12713LB	A4C89507	96		91		89		92	
TF3M12814LB	A4C89508	95		91		90		92	
TF3M13114LB	A4C89509	93		91		88		93	

			QC Limits
S1	BFB	= p-Bromofluorobenzene	(76 - 119)
S2	DBF	= Dibromofluoromethane	(85 - 115)
S3	DCE	= 1,2-Dichloroethane-D4	(72 - 119)
S4	TOL	= Toluene-D8	(81 - 120)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A04-C895

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
TF3M13217LB	A4C89510	94		93		91		93	
TF3M13316LB	A4C89511	88		90		94		92	
TF3M2114LB	A4C89501	96		88		85		93	
VBLK15	A5B0019402	92		90		86		95	
VBLK16	A5B0023202	87		90		86		101	

				QC Limits
S1	BFB	=	p-Bromofluorobenzene	(76 - 119)
S2	DBF	=	Dibromofluoromethane	(85 - 115)
S3	DCE	=	1,2-Dichloroethane-D4	(72 - 119)
S4	TOL	=	Toluene-D8	(81 - 120)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A04-C895

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
123004LE	A4C89512	91		84		97	
123004LF	A4C89513	88		79		93	
123004LR	A4C89514	85		79		90	
MSB 15	A5B0019401	90		96		87	
MSB16	A5B0023201	108		105		110	
TF3M11613LB	A4C89502	108		104		96	
TF3M11613LC	A4C89502FD	116		112		109	
TF3M11613LD	A4C89502SD	124		123		116	
TF3M11613LS	A4C89502MS	122		120		113	
TF3M11713LB	A4C89503	124		122		115	
TF3M119R12LB	A4C89504	119		119		115	
TF3M121R12LB	A4C89505	113		112		110	
TF3M12313LB	A4C89506	116		115		112	
TF3M12713LB	A4C89507	112		114		108	
TF3M12814LB	A4C89508	110		111		107	
TF3M13114LB	A4C89509	107		102		105	

QC Limits

IS1 CBZ = Chlorobenzene-D5 (50 - 200)
IS2 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)
IS3 FB = Fluorobenzene (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A04-C895

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
TF3M13217LB	A4C89510	104		102		101	
TF3M13316LB	A4C89511	96		94		91	
TF3M2114LB	A4C89501	91		91		86	
VBLK15	A5B0019402	83		79		84	
VBLK16	A5B0023202	92		80		100	

				QC Limits
IS1	CBZ	=	Chlorobenzene-D5	(50 - 200)
IS2	DCB	=	1,4-Dichlorobenzene-D4	(50 - 200)
IS3	FB	=	Fluorobenzene	(50 - 200)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0002345

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q2757.RR Date Analyzed: 01/05/2005

Instrument ID: HP5973Q Time Analyzed: 22:08

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		946786		13.81		748119		17.18		2457192		9.85	
	UPPER LIMIT		1893572		14.31		1496238		17.68		4914384		10.35	
	LOWER LIMIT		473393		13.31		374060		16.68		1228596		9.35	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB 15	A5B0019401	854018		13.81		715618		17.18		2141640		9.85	
2	TF3M11613LB	A4C89502	1018169		13.81		776517		17.18		2372344		9.85	
3	TF3M11613LC	A4C89502FD	1099194		13.81		842021		17.18		2676022		9.85	
4	TF3M11613LD	A4C89502SD	1177794		13.81		920335		17.18		2854630		9.85	
5	TF3M11613LS	A4C89502MS	1151645		13.81		898557		17.18		2778474		9.85	
6	TF3M11713LB	A4C89503	1178110		13.81		913953		17.18		2819540		9.85	
7	TF3M119R12LB	A4C89504	1131232		13.81		892956		17.18		2824859		9.85	
8	TF3M121R12LB	A4C89505	1073139		13.81		838848		17.18		2704115		9.85	
9	TF3M12313LB	A4C89506	1102882		13.81		862668		17.18		2747433		9.85	
10	TF3M12713LB	A4C89507	1065801		13.81		849748		17.18		2658705		9.85	
11	TF3M12814LB	A4C89508	1039580		13.81		832891		17.18		2633756		9.85	
12	TF3M13114LB	A4C89509	1012265		13.81		766919		17.18		2578199		9.85	
13	TF3M13217LB	A4C89510	984808		13.81		759453		17.18		2476834		9.85	
14	TF3M2114LB	A4C89501	861601		13.81		682936		17.18		2102295		9.85	
15	VBLK15	A5B0019402	783840		13.81		591540		17.18		2053149		9.85	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0002379

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q2775.RR Date Analyzed: 01/06/2005

Instrument ID: HP5973Q Time Analyzed: 09:54

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		946786		13.81		748119		17.18		2457192		9.85	
	UPPER LIMIT		1893572		14.31		1496238		17.68		4914384		10.35	
	LOWER LIMIT		473393		13.31		374060		16.68		1228596		9.35	
	CLIENT SAMPLE	Lab Sample ID												
1	123004LE	A4C89512	865166		13.81		625652		17.18		2375196		9.84	
2	123004LF	A4C89513	836245		13.81		592306		17.18		2278901		9.85	
3	123004LR	A4C89514	804274		13.81		590997		17.18		2199908		9.85	
4	MSB16	A5B0023201	1022091		13.81		786914		17.18		2705830		9.85	
5	TF3M13316LB	A4C89511	912584		13.81		701795		17.18		2245456		9.85	
6	VBLK16	A5B0023202	868039		13.81		599058		17.18		2450698		9.84	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #.1	I.S. / SS MIX
1/4/05	0935	@	Q2736	0105BFBQ1	CQC	1µl	—	1	WS10.1	
	1030		Q2737	VSTD010		25ml			WS20AK.2 WS6AM.5 WS12AL.7 WS10X.2 WS19AQ.3 WS19AP.3	IS12AK IS19
	1103		Q2738	MSB						
	1136		Q2739	VBLK 19						
	1210		Q2740	A4C807 02FD	C807					
	1243		Q2741	~~A4C873606L~~ A4C872106	C872			2		
	1316		Q2742	A4C873306 0L	C873			2		
	1349		Q2743	A4C87203	C872			1		
	1422		Q2744	03FD						
	1455		Q2745	04						
	1529		Q2746	05						
	1602		Q2747	06						
	1635		Q2748	07						
	1708		Q2749	08						
	1742		Q2750	09						
	1815		Q2751	10						
	1848		Q2752	12						
	1921		Q2753	A4C807comms	C807				WS19AE.3 WS19AP.3	
	1954		Q2754	03SD						
	2028	—	Q2755	02						
1/5/05	2120	QC	Q2756	0105BFBQ2	QC	1µl	—	—	WS10.1	—
	2208		Q2757	VSTD010		25mL			WS20AK.2 WS6AM.5 WS12AL.7 WS10X.2 WS19AQ.3 WS19AP.3	IS12AK
	2251		Q2758	MSB						
1/6/05	0004		Q2759	VBLK15						
	0039		Q2760	A4C872040L B	C872			2		
	0112		Q2761	A4C89501 A	C895			5		
	0145		Q2762	02 A				1		
	0219		Q2763	02FD A						
	0251		Q2764	02MS A				1	WS19AQ.3 WS19AP.3	

STL BUFFALO

Reviewed By _____ NO. _____ Page

GCMS VOLATILE INJECTION LOG

I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
100	99	103	92	88	93	100			PASS
91	91	87	91	86	94	93		/	AFCEE 25ml (AFI. 1243)
86	84	80	89	84	95	93		/	
84	82	80	90	86	96	92		✓	
83	81	78	91	85	96	94		✓	
80	79	78	92	87	97	96		✓	
79	78	76	91	86	94	92		✓	
79	78	76	91	88	95	93		✓	
78	77	74	92	88	94	93	Y	✓	DF2
76	77	74	94	89	94	97		✓	
78	76	72	91	87	96	97		✓	
77	75	73	90	85	95	94		✓	
78	76	71	91	86	96	96		✓	
75	77	72	93	88	97	93		✓	
75	77	71	91	87	95	97		✓	
79	83	82	91	84	91	100		✓	
82	86	83	97	90	97	105		✓	
80	77	77	90	86	97	92		✓	
									PASS
87	90	96	91	85	97	99			AFCEE 25ml (AFI. 1243)
84	83	79	90	86	95	92		/	
81	81	77	90	86	94	92		/	
86	91	91	88	85	93	92		✓	
97	108	104	86	93	100	93		/	
109	116	113	87	95	101	93		✓	
113	122	120	89	93	96	93		/	

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
1/6/05	0325	CM	Q2765	A4C895 02 80 A	C895	25mL	—	1	WS19A-3 WS19AP3	SS12AR/8062
	0359		Q2766	01				1		
	0431		Q2767	04				5		
	0504		Q2768	05				1		
	0537		Q2769	06				4		
	0611		Q2770	07				2		
	0644		Q2771	08				1		
	0717		Q2772	09				1		
	0750		Q2773	10				1		
1/6/05	0829	@	Q2774	A1CC895BLK1		1ml	—	—		
	0954		Q2775	WSTD16	CC	25ml		1	WS16-4	SS12AR/8062
	1027		Q2776	MSD	⊥			1	WS20A-3, WS6A-5, WS12AL-3, WS13CX-3	
	1134		Q2777	VBLK16				1	WS HC-4, WS19P-4	
	1211		Q2778	A4C895 12	C895			1		
	1245		Q2779	13				1		
	1318		Q2780	14				1		
	1451		Q2781	11				1		
	1524		Q2782	A500CC 01	CC36			1		
	1558		Q2783	02				1		
	1631		Q2784	03				1		
	1704		Q2785	A500C5 01	CC45			1		
	1737		Q2786	02				5		
	1810		Q2787	03				4		
	1844		Q2788	07				4		
	1917		Q2789	CCMS				5	WS HC-4, WS19P-4	
	1950		Q2790	CCSD				4	1	

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	116	124	123	89	92	96	94		✓	
	105	124	122	91	92	94	95		✓	
	115	119	119	88	84	92	96		✓	
	110	113	112	91	88	91	95		✓	
	112	116	105	90	90	95	87		✓	
	108	113	114	91	89	92	96		✓	
	107	110	111	91	90	93	85		✓	
	105	107	103	91	84	93	93		✓	
	101	104	102	93	91	93	84		✓	
									—	PAS1
										8260 AFCLE 25m (A4I -- 1273)
	110	108	105	84	83	92	97		—	
	100	92	80	90	87	101	87		—	
	97	91	84	91	91	97	86		✓	
	97	88	79	92	90	96	85		✓	
	90	85	79	91	91	96	85		✓	
	91	96	94	90	94	92	88		✓	
	105	109	103	(74)	78	(76)	(73)	1	✓	SURR out
	109	111	105	90	97	97	87		✓	
	108	105	99	91	97	93	87		✓	
	104	101	93	91	97	97	86		✓	
	102	96	89	89	91	97	85	4	✓	DF2
	96	91	84	86	96	99	89	4	✓	DF2
	95	89	84	89	95	94	85	4	✓	DF2
	97	92	91	92	91	97	91		—	
	94	94	94	92	91	91	89		—	

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AIMS DATA VALIDATION TESTS

Run Date: 01/20/2005
by: SCHOVEJ

Validation Filter:
Job: A04-C895
Fraction(s): MV

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : No exceptions found

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

Tests Not Closed : No exceptions found

****
Method Blank Hits (or errors) : Exception list

Job	Lab Sample	Test	Parameter	Type	Results	Tdl	Flags
A04-C895	A5B0019402	CTA16520	Hexachlorobutad	VBLK	.29	0.600	F

Comment + B flag

****

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****
Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A04-C895	MV	Approved	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

****

Matrix Spike Results Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	QClow	QChigh	Pname
A04-C895	A4C89502	CTA16520	134.0	75.0	125.0	1,1,2-Trichloro
A04-C895	A4C89502	CTA16520	214.0	49.0	136.0	2-Butanone
A04-C895	A4C89502	CTA16520	144.0	40.0	135.0	Acetone
A04-C895	A4C89502	CTA16520	38.0	75.0	127.0	Isopropylbenzen
A04-C895	A4C89502	CTA16520	32.0	72.0	129.0	n-Propylbenzene
A04-C895	A4C89502	CTA16520	65.0	72.0	127.0	sec-Butylbenzen

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Matrix Spike Duplicate Results Exceeding QC Limits: Exception list

Job	Lab Sample	Test	SDRecov	QClow	QChigh	Pname
A04-C895	A4C89502	CTA16520	180.0	75.0	125.0	1,1,2-Trichloro
A04-C895	A4C89502	CTA16520	220.0	49.0	136.0	2-Butanone
A04-C895	A4C89502	CTA16520	143.0	40.0	135.0	Acetone
A04-C895	A4C89502	CTA16520	41.0	75.0	127.0	Isopropylbenzen
A04-C895	A4C89502	CTA16520	35.0	72.0	129.0	n-Propylbenzene
A04-C895	A4C89502	CTA16520	68.0	72.0	127.0	sec-Butylbenzen

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Matrix Spike Duplicate RPDs Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	SDRecov	%RPD	QCrpd	Pname
A04-C895	A4C89502	CTA16520	134.0	180.0	29.0	20.0	1,1,2-Trichloro

****

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

****

MS % Difference out of QC Limits : Exception list

Sample - Crv#	T	Param Name	Seq Avg RRF	RRF err Pct	RSD	RSD err	C
A5C0002345 1	C	Chloroethane	40 0.142	-21.5		*	
A5C0002345 1	C	Trichlorofluoromethane	915 0.390	-26.9		*	
A5C0002345 1	C	Dichlorodifluoromethane	860 0.297	22.0		*	
~~A5C0002345 1~~	~~C~~	~~Methyl acetate~~	~~902 0.121~~	~~56.5~~		~~*~~	
A5C0002379 1	C	Chloromethane	10 0.339	28.3		*	
~~A5C0002379 1~~	~~C~~	~~Iodomethane~~	~~904 0.227~~	~~31.1~~		~~*~~	

~~A5C0002379 1~~	~~C~~	~~Acetonitrile~~	~~730~~	~~0.013~~	~~22.3~~	~~*~~
~~A5C0002379 1~~	~~C~~	~~Carbon Disulfide~~	~~70~~	~~0.701~~	~~36.4~~	~~*~~
~~A5C0002379 1~~	~~C~~	~~1,1,2 Trichloro 1,2,2 tri~~	~~390~~	~~0.201~~	~~22.7~~	~~*~~
~~A5C0002379 1~~	~~C~~	~~Methyl acetate~~	~~902~~	~~0.121~~	~~33.2~~	~~*~~

****

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

Sample/Tests with No Sample Time : No exceptions found

Sample/Tests with No Received Time : No exceptions found

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

Batches Not Closed : No exceptions found

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

		Current			Historical Results
Lab Sample	Test	Parameter	UM	Result	
A4C89501	CTA16520	100-41-4	UG/L	0.73U	Not Found
A4C89501	CTA16520	100-42-5	UG/L	0.62U	Not Found
A4C89501	CTA16520	10061-01-5	UG/L	0.52U	Not Found
A4C89501	CTA16520	10061-02-6	UG/L	0.51U	Not Found
A4C89501	CTA16520	103-65-1	UG/L	6.7	Not Found
A4C89501	CTA16520	104-51-8	UG/L	1.8F	Not Found
A4C89501	CTA16520	106-43-4	UG/L	0.99U	Not Found
A4C89501	CTA16520	106-46-7	UG/L	0.69U	Not Found
A4C89501	CTA16520	106-93-4	UG/L	0.70U	Not Found
A4C89501	CTA16520	107-06-2	UG/L	0.61U	Not Found
A4C89501	CTA16520	108-10-1	UG/L	7.2U	Not Found
A4C89501	CTA16520	108-67-8	UG/L	1.2U	Not Found
A4C89501	CTA16520	108-86-1	UG/L	0.79U	Not Found
A4C89501	CTA16520	108-88-3	UG/L	0.85U	Not Found
A4C89501	CTA16520	108-90-7	UG/L	0.72U	Not Found
A4C89501	CTA16520	120-82-1	UG/L	0.68U	Not Found
A4C89501	CTA16520	124-48-1	UG/L	0.50U	Not Found
A4C89501	CTA16520	127-18-4	UG/L	0.92U	Not Found
A4C89501	CTA16520	135-98-8	UG/L	3.8F	Not Found
A4C89501	CTA16520	142-28-9	UG/L	0.63U	Not Found
A4C89501	CTA16520	156-59-2	UG/L	0.71U	Not Found
A4C89501	CTA16520	156-60-5	UG/L	0.61U	Not Found
A4C89501	CTA16520	1634-04-4	UG/L	0.47U	Not Found
A4C89501	CTA16520	541-73-1	UG/L	0.63U	Not Found
A4C89501	CTA16520	544-10-5	UG/L	0.71U	Not Found
A4C89501	CTA16520	56-23-5	UG/L	0.91U	Not Found
A4C89501	CTA16520	563-58-6	UG/L	0.71U	Not Found
A4C89501	CTA16520	594-20-7	UG/L	1.3U	Not Found
A4C89501	CTA16520	630-20-6	UG/L	0.57U	Not Found
A4C89501	CTA16520	67-64-1	UG/L	6.7U	Not Found
A4C89501	CTA16520	67-66-3	UG/L	0.80U	Not Found
A4C89501	CTA16520	71-43-2	UG/L	0.75U	Not Found
A4C89501	CTA16520	71-55-6	UG/L	0.97U	Not Found
A4C89501	CTA16520	74-83-9	UG/L	0.66U	Not Found
A4C89501	CTA16520	74-87-3	UG/L	1.0U	Not Found
A4C89501	CTA16520	74-95-3	UG/L	0.61U	Not Found
A4C89501	CTA16520	74-97-5	UG/L	0.68U	Not Found
A4C89501	CTA16520	75-00-3	UG/L	0.69U	Not Found
A4C89501	CTA16520	75-01-4	UG/L	0.97U	Not Found
A4C89501	CTA16520	75-09-2	UG/L	1.1U	Not Found
A4C89501	CTA16520	75-25-2	UG/L	0.42U	Not Found
A4C89501	CTA16520	75-27-4	UG/L	0.56U	Not Found

A4C89501	CTA16520	75-34-3	UG/L	0.79U	Not Found
A4C89501	CTA16520	75-35-4	UG/L	0.62U	Not Found
A4C89501	CTA16520	75-69-4	UG/L	0.72U	Not Found
A4C89501	CTA16520	75-71-8	UG/L	1.1U	Not Found
A4C89501	CTA16520	78-87-5	UG/L	0.62U	Not Found
A4C89501	CTA16520	78-93-3	UG/L	6.0U	Not Found
A4C89501	CTA16520	79-00-5	UG/L	0.59U	Not Found
A4C89501	CTA16520	79-01-6	UG/L	0.81U	Not Found
A4C89501	CTA16520	79-34-5	UG/L	0.53U	Not Found
A4C89501	CTA16520	87-61-6	UG/L	0.80U	Not Found
A4C89501	CTA16520	87-68-3	UG/L	1.1U	Not Found
A4C89501	CTA16520	91-20-3	UG/L	1.2F	Not Found
A4C89501	CTA16520	95-47-6	UG/L	0.82U	Not Found
A4C89501	CTA16520	95-49-8	UG/L	1.3U	Not Found
A4C89501	CTA16520	95-50-1	UG/L	0.68U	Not Found
A4C89501	CTA16520	95-63-6	UG/L	1.1U	Not Found
A4C89501	CTA16520	96-12-8	UG/L	1.1U	Not Found
A4C89501	CTA16520	96-18-4	UG/L	1.0U	Not Found
A4C89501	CTA16520	98-06-6	UG/L	1.1U	Not Found
A4C89501	CTA16520	98-82-8	UG/L	29	Not Found
A4C89501	CTA16520	99-87-6	UG/L	4.0F	Not Found
A4C89501	CTA16520	M/P XYLENE	UG/L	2.8F	Not Found
A4C89502	CTA16520	100-41-4	UG/L	0.21F	Not Found
A4C89502	CTA16520	100-42-5	UG/L	0.12U	Not Found
A4C89502	CTA16520	10061-01-5	UG/L	0.10U	Not Found
A4C89502	CTA16520	10061-02-6	UG/L	0.10U	Not Found
A4C89502	CTA16520	103-65-1	UG/L	19M	Not Found
A4C89502	CTA16520	104-51-8	UG/L	3.8	Not Found
A4C89502	CTA16520	106-43-4	UG/L	0.20U	Not Found
A4C89502	CTA16520	106-46-7	UG/L	0.14U	Not Found
A4C89502	CTA16520	106-93-4	UG/L	0.14U	Not Found
A4C89502	CTA16520	107-06-2	UG/L	0.12U	Not Found
A4C89502	CTA16520	108-10-1	UG/L	1.4U	Not Found
A4C89502	CTA16520	108-67-8	UG/L	0.25U	Not Found
A4C89502	CTA16520	108-86-1	UG/L	0.16U	Not Found
A4C89502	CTA16520	108-88-3	UG/L	0.17U	Not Found
A4C89502	CTA16520	108-90-7	UG/L	0.14U	Not Found
A4C89502	CTA16520	120-82-1	UG/L	0.14U	Not Found
A4C89502	CTA16520	124-48-1	UG/L	0.10U	Not Found
A4C89502	CTA16520	127-18-4	UG/L	0.18U	Not Found
A4C89502	CTA16520	135-98-8	UG/L	14	Not Found
A4C89502	CTA16520	142-28-9	UG/L	0.12U	Not Found
A4C89502	CTA16520	156-59-2	UG/L	0.14U	Not Found
A4C89502	CTA16520	156-60-5	UG/L	0.12U	Not Found
A4C89502	CTA16520	1634-04-4	UG/L	0.094U	Not Found
A4C89502	CTA16520	541-73-1	UG/L	0.13U	Not Found
A4C89502	CTA16520	544-10-5	UG/L	0.14U	Not Found
A4C89502	CTA16520	56-23-5	UG/L	0.18U	Not Found
A4C89502	CTA16520	563-58-6	UG/L	0.14U	Not Found
A4C89502	CTA16520	594-20-7	UG/L	0.27U	Not Found
A4C89502	CTA16520	630-20-6	UG/L	0.11U	Not Found
A4C89502	CTA16520	67-64-1	UG/L	1.3MU	Not Found
A4C89502	CTA16520	67-66-3	UG/L	0.16U	Not Found
A4C89502	CTA16520	71-43-2	UG/L	0.15U	Not Found
A4C89502	CTA16520	71-55-6	UG/L	0.19U	Not Found
A4C89502	CTA16520	74-83-9	UG/L	0.13U	Not Found
A4C89502	CTA16520	74-87-3	UG/L	0.21U	Not Found
A4C89502	CTA16520	74-95-3	UG/L	0.12U	Not Found
A4C89502	CTA16520	74-97-5	UG/L	0.14U	Not Found
A4C89502	CTA16520	75-00-3	UG/L	0.14U	Not Found
A4C89502	CTA16520	75-01-4	UG/L	0.19U	Not Found
A4C89502	CTA16520	75-09-2	UG/L	0.22U	Not Found
A4C89502	CTA16520	75-25-2	UG/L	0.083U	Not Found
A4C89502	CTA16520	75-27-4	UG/L	0.11U	Not Found
A4C89502	CTA16520	75-34-3	UG/L	0.16U	Not Found
A4C89502	CTA16520	75-35-4	UG/L	0.12U	Not Found

WET CHEMISTRY DATA

Wet Chemistry Analysis

Client Sample No.: 123004LE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89512

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2	12/31/2004
Total Alkalinity	MG/L	13.8				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.31				353.2	12/31/2004
Total Alkalinity	MG/L	212				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502F1

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.16				353.2	01/04/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502RE

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.35				353.2	01/04/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613LC

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502FD

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.093				353.2	12/31/2004
Total Alkalinity	MG/L	224				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613LD

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502SD

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.3				353.2	12/31/2004
Total Alkalinity	MG/L	230				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613LS

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89502MS

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.3				353.2	12/31/2004
Total Alkalinity	MG/L	226				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11713LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89503

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.67				353.2	12/31/2004
Total Alkalinity	MG/L	244				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M119R12LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89504

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2	12/31/2004
Total Alkalinity	MG/L	97.7				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M121R12LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89505

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.4				353.2	12/31/2004
Total Alkalinity	MG/L	202				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12313LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89506

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.040		F		353.2	12/31/2004
Total Alkalinity	MG/L	205				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12713LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89507

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.36				353.2	12/31/2004
Total Alkalinity	MG/L	314				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12814LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89508

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.12				353.2	12/31/2004
Total Alkalinity	MG/L	381				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M13114LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89509

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.95				353.2	12/31/2004
Total Alkalinity	MG/L	187				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M13217LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89510

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.7				353.2	12/31/2004
Total Alkalinity	MG/L	233				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M13316LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89511

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.59				353.2	12/31/2004
Total Alkalinity	MG/L	226				310.2	12/31/2004

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M2114LB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A4C89501

% Solids: 0.0 Date Samp/Recv: 12/30/2004 12/31/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2	12/31/2004
Total Alkalinity	MG/L	174				310.2	12/31/2004

Comments:

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2

AAB #: A4B21790

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
123004LE	A4C89512
TF3M11613LB	A4C89502
TF3M11613LC	A4C89502FD
TF3M11613LD	A4C89502SD
TF3M11613LS	A4C89502MS
TF3M11713LB	A4C89503
TF3M119R12LB	A4C89504
TF3M121R12LB	A4C89505
TF3M12313LB	A4C89506
TF3M12713LB	A4C89507
TF3M12814LB	A4C89508
TF3M13114LB	A4C89509
TF3M13217LB	A4C89510
TF3M13316LB	A4C89511
TF3M2114LB	A4C89501

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/28/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	174	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	212	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	224	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LS Lab Sample ID: A4C89502MS Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	226	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LD Lab Sample ID: A4C89502SD Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	230	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	244	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	97.7	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	202	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	205	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	314	5.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	381	5.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	187	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	233	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	226	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	13.8	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A4B2179002 Concentration Units: MG/L

Analyte	Method Blank	RL	Q
ALKALINITY, TOTAL (AS CACO3)	ND	5.0	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 310.2 AAB #: A4B21790

Lab Name: STL Buffalo Contract #: _____

LCS ID: A4B2179001 Concentration Units: MG/L

Analyte	Expected	Found	%R	Control Limits	Q
ALKALINITY, TOTAL (AS CACO3)	100.0	101.6	102	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 7
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 310.2 AAB#: A4B21790

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613LB Units: MG/L % Solids: 0.00

MS ID: A4C89502MS MSD ID: A4C89502SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
ALKALINITY, TOTAL (AS CACO3)	212.4	20.00	225.8	67	230.5	90	29	22 - 128	20	*

Comments:

See Case Narrative

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 310.2 AAB#: A4B21790

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
123004LE	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M11613LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M11613LC	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M11613LD	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M11613LS	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M11713LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M119R12LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M121R12LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M12313LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M12713LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M12814LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M13114LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M13217LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M13316LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	
TF3M2114LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	14.00	1.00	

Comments:

Calibration results Konelab 6.0.5 Page: 1

STL Buffalo
PGE, KG, KK, CS

31.12.2004 12:39 Alkalinity A4B21790

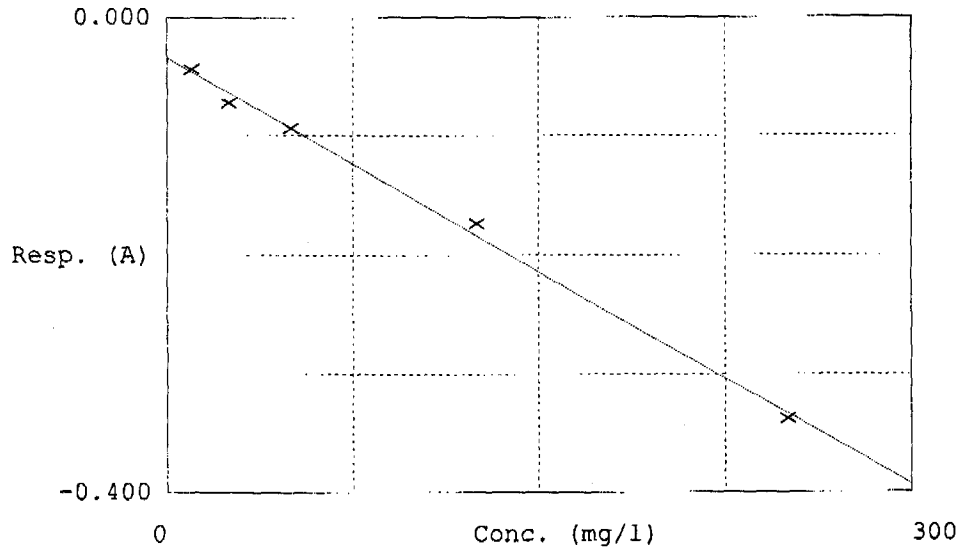
Test Alkalinity

Accepted 22.12.2004 13:21

Factor -834.4
Bias -0.034

Coeff. of det. 0.996307

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	ALK 250	-0.043	7.8221	10.0000	
2	ALK 250	-0.073	32.1852	25.0000	
3	ALK 250	-0.094	49.9280	50.0000	
4	ALK 250	-0.173	116.3634	125.0000	
5	ALK 250	-0.338	253.7013	250.0000	

Check water blank Konelab 6.0.5 Page: 1

STL Buffalo
PGE, KG, KK, CS

31.12.2004 10:47

Performed 31.12.2004 10:46
MAX acceptable SD 2.0 mA

Wavelength	Abs (mA)	SD (mA)	SignGain	RefGain	Voltage (V)
380 nm	-176.2	0.5	5	5	6.2
420 nm	-209.5	0.6	5	5	6.0
450 nm	208.1	0.4	3	4	6.2
480 nm	-246.3	0.4	3	3	5.9
510 nm	-253.2	0.3	2	2	6.2
520 nm	-249.6	0.3	2	2	6.2
540 nm	-255.2	0.3	2	2	6.2
575 nm	-252.4	0.3	2	2	6.2
600 nm	-249.7	0.3	2	2	6.2
620 nm	197.8	0.3	1	2	6.2
660 nm	196.5	0.2	1	2	6.2
700 nm	-249.8	0.2	1	1	6.2
880 nm	-235.3	0.2	1	1	6.2

Solutions Used: Konelab AQUA20

Alkalinity	Chloride	Sulfate
7-41-C	7-40-B	7-40-E
7-37-D	7-37-E	7-38-A
A-76-H	7-40-A	7-40-D
7-41-B	7-25-E	7-58-B
7-41-A	7-26-A	ERA
7-58-A	7-52-E	
7-32-C	7-53-A	
7-58-C	7-31-C	
ERA P105506	7-39-E	
7-59-C	7-56-D	
	ERA	

DATE UPDATED 12/22/2004 KG

STL Buffalo
pH Screening for Alkalinity Method 310.2

000015

Logbook # A04-11-10

DATE	ANALYST	JOB #	SAMPLE ID	pH	COMMENTS
12/31/04	MC	C852	1, ~~2, 4~~ mc 12/31/04	6.5	
↓	↓	↓	02	↓	
↓	↓	↓	04	↓	
		C854	01	6.5	
		↓	02		
			03		
			04		
			05		
			06		
↓	↓	↓	07	↓	
		*	MC 12/31/04		

REVIEWD BY/ DATE _____ pH Narrow range Paper Lot # _____

Result Report | Konelab 6.0.5 | Page: 1

STL Buffalo
PGE, KG, KK, CS

Date : 2004-12-31
Time : 15.56

BATCH : A4B21790
ERA: P105506
RANGE : 79.9 - 89.1
ACTUAL : 84.5

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
Alk CCV	101.672	-0.156	0.547		2004-12-31 11.02	101.7%
Alk CCB	-1.714	-0.032	0.552		2004-12-31 11.02	<10
c85201	97.779	-0.151	0.560		2004-12-31 11.02	
c85202	23.679	-0.062	0.562		2004-12-31 11.02	
c85204	60.044	-0.106	0.563		2004-12-31 11.02	
Alk CCV	103.818	-0.158	0.550		2004-12-31 11.03	103.8%
Alk CCB	-0.667	-0.033	0.550		2004-12-31 11.03	<10
c85301 246.161	1230.805	-0.329	0.548	1+4.0	2004-12-31 11.13	
c85302 159.1214	795.607	-0.225	0.554	1+4.0	2004-12-31 11.13	
c85303 163.6814	818.407	-0.230	0.560	1+4.0	2004-12-31 11.13	
c85305 107.5492	537.746	-0.163	0.552	1+4.0	2004-12-31 11.13	
Alk CCV	102.826	-0.157	0.549		2004-12-31 11.13	102.8%
Alk CCB	-2.191	-0.031	0.553		2004-12-31 11.13	<10
Alk CCV	100.828	-0.155	0.550		2004-12-31 11.46	100.8%
Alk CCB	-2.062	-0.032	0.553		2004-12-31 11.46	<10
C85401	98.666	-0.152	0.561		2004-12-31 11.46	
C85402	17.356	-0.055	0.565		2004-12-31 11.46	
C85403	14.013	-0.051	0.566		2004-12-31 11.46	
C85404	85.197	-0.136	0.566		2004-12-31 11.46	
C85405	20.983	-0.059	0.570		2004-12-31 11.46	
C85406	10.084	-0.046	0.566		2004-12-31 11.46	
C85407	8.589	-0.044	0.566		2004-12-31 11.46	
Alk CCV	105.512	-0.160	0.552		2004-12-31 11.52	105.5%
Alk CCB	-2.068	-0.032	0.558		2004-12-31 11.52	<10
C87102	14.323	-0.051	0.560		2004-12-31 11.52	
C87202	143.733	-0.206	0.559		2004-12-31 11.52	
C87203	234.983	-0.316	0.562		2004-12-31 11.52	
c85304 129.4374	1294.374	-0.189	0.546	1+9.0	2004-12-31 11.52	
C87203FD	235.656	-0.316	0.562		2004-12-31 12.02	0.3% RPD
C89501	173.694	-0.242	0.565		2004-12-31 12.02	
Alk CCV	101.403	-0.156	0.548		2004-12-31 12.02	101.4%
Alk CCB	-6.960	-0.026	0.555		2004-12-31 12.02	<10
C89503	244.135	-0.327	0.565		2004-12-31 12.02	
C89504	97.683	-0.151	0.555		2004-12-31 12.03	
Alk CCV	102.577	-0.157	0.549		2004-12-31 12.03	102.6%
Alk CCB	-3.868	-0.029	0.559		2004-12-31 12.03	<10
c85306 54.3542	271.921	-0.099	0.550	1+4.0	2004-12-31 12.05	
C87101 65.1822	325.911	-0.112	0.557	1+4.0	2004-12-31 12.05	
C87201 60.417	302.085	-0.106	0.556	1+4.0	2004-12-31 12.05	
C89502	212.494	-0.289	0.562		2004-12-31 12.40	
C89502FD	224.016	-0.303	0.563		2004-12-31 12.40	5.3% RPD
20ppm C89502MS	225.873	-0.305	0.570		2004-12-31 12.40	88.89% SPK
20ppm C89502SD	230.543	-0.310	0.566		2004-12-31 12.40	2.06% RPD
C89505	201.682	-0.276	0.570		2004-12-31 12.40	
C89506	205.350	-0.280	0.572		2004-12-31 12.40	
C89509	187.187	-0.258	0.571		2004-12-31 12.40	
C89509	187.412	-0.259	0.572		2004-12-31 12.40	
Alk CCV	103.434	-0.158	0.555		2004-12-31 12.40	103.4%
Alk CCB	-6.388	-0.026	0.554		2004-12-31 12.40	<10
C89510	232.653	-0.313	0.552		2004-12-31 12.41	
C89511	225.988	-0.305	0.560		2004-12-31 12.41	
C89512	13.818	-0.051	0.562		2004-12-31 12.41	
ERA P105506	81.512	-0.132	0.560		2004-12-31 12.41	96.5% ERA

Result Report | Konelab 6.0.5 | Page: 2

STL Buffalo
PGE, KG, KK, CS

Date : 2004-12-31
Time : 15.56

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
C85307 141.1916	705.958	-0.203	0.553	1+4.0	2004-12-31 12.43	
C87205 58.734	293.670	-0.104	0.560	1+4.0	2004-12-31 12.43	
Alk CCV	106.380	-0.162	0.546		2004-12-31 13.11	106.4%
Alk CCB	-5.710	-0.027	0.546		2004-12-31 13.11	ccb
C89507 62.6438	314.219	-0.109	0.545	1+4.0	2004-12-31 13.13	
C89508 76.21	381.050	-0.125	0.553	1+4.0	2004-12-31 13.13	
Alk CCV	102.762	-0.157	0.553		2004-12-31 13.25	102.8%
Alk CCB	-6.164	-0.027	0.551		2004-12-31 13.25	ccb
C87204 54.5032	272.511	-0.099	0.545	1+4.0	2004-12-31 13.31	
xpm C87204 A-SPK 58.651	293.178	-0.104	0.553	1+4.0	2004-12-31 13.31	
Alk CCV	106.026	-0.161	0.543		2004-12-31 13.37	106.0%
Alk CCB	-3.032	-0.030	0.554		2004-12-31 13.37	ccb

Result Report Konelab 6.0.5 Page: 1

STL Buffalo
PGE, KG, KK, CS

Date : 2004-12-31
Time : 13.48

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCV	101.672	-0.156	0.547		2004-12-31 11.02
Alk CCB	-1.714	-0.032	0.552		2004-12-31 11.02
c85201	97.779	-0.151	0.560		2004-12-31 11.02
c85202	23.679	-0.062	0.562		2004-12-31 11.02
c85204	60.044	-0.106	0.563		2004-12-31 11.02
c85301		-0.450	0.562		-
c85302		-0.442	0.563		-
c85303		-0.406	0.566		-
c85304		-0.433	0.563		-
c85305		-0.442	0.555		-
Alk CCV	103.818	-0.158	0.550		2004-12-31 11.03
Alk CCB	-0.667	-0.033	0.550		2004-12-31 11.03
c85301	1230.805	-0.329	0.548	1+4.0	2004-12-31 11.13
c85302	795.607	-0.225	0.554	1+4.0	2004-12-31 11.13
c85303	818.407	-0.230	0.560	1+4.0	2004-12-31 11.13
c85304		-0.339	0.558	1+4.0	-
c85305	537.746	-0.163	0.552	1+4.0	2004-12-31 11.13
Alk CCV	102.826	-0.157	0.549		2004-12-31 11.13
Alk CCB	-2.191	-0.031	0.553		2004-12-31 11.13
Alk CCV	100.828	-0.155	0.550		2004-12-31 11.46
Alk CCB	-2.062	-0.032	0.553		2004-12-31 11.46
c85306		-0.347	0.560		-
C85307		-0.456	0.562		-
C85401	98.666	-0.152	0.561		2004-12-31 11.46
C85402	17.356	-0.055	0.565		2004-12-31 11.46
C85403	14.013	-0.051	0.566		2004-12-31 11.46
C85404	85.197	-0.136	0.566		2004-12-31 11.46
C85405	20.983	-0.059	0.570		2004-12-31 11.46
C85406	10.084	-0.046	0.566		2004-12-31 11.46
C85407	8.589	-0.044	0.566		2004-12-31 11.46
C87101		-0.391	0.565		-
Alk CCV	105.512	-0.160	0.552		2004-12-31 11.52
Alk CCB	-2.068	-0.032	0.558		2004-12-31 11.52
C87102	14.323	-0.051	0.560		2004-12-31 11.52
C87201		-0.364	0.558		-
C87202	143.733	-0.206	0.559		2004-12-31 11.52
C87203	234.983	-0.316	0.562		2004-12-31 11.52
c85304	1294.374	-0.189	0.546	1+9.0	2004-12-31 11.52
C87203FD	235.656	-0.316	0.562		2004-12-31 12.02
C87204		-0.367	0.562		-
C87204 A-SPK		-0.376	0.562		-
C87205		-0.380	0.559		-
C89501	173.694	-0.242	0.565		2004-12-31 12.02
Alk CCV	101.403	-0.156	0.548		2004-12-31 12.02
Alk CCB	-6.960	-0.026	0.555		2004-12-31 12.02
C89502		-0.302	0.569		-
C89502FD		-0.308	0.566		-
C89502MS		-0.311	0.562		-
C89502SD		-0.313	0.566		-
C89503	244.135	-0.327	0.565		2004-12-31 12.02
C89504	97.683	-0.151	0.555		2004-12-31 12.03
Alk CCV	102.577	-0.157	0.549		2004-12-31 12.03
Alk CCB	-3.868	-0.029	0.559		2004-12-31 12.03

Result Report Konelab 6.0.5 Page: 2

STL Buffalo
PGE, KG, KK, CS

Date : 2004-12-31
Time : 13.48

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
c85306	271.921	-0.099	0.550	1+4.0	2004-12-31 12.05
C87101	325.911	-0.112	0.557	1+4.0	2004-12-31 12.05
C87201	302.085	-0.106	0.556	1+4.0	2004-12-31 12.05
C89502	212.494	-0.289	0.562		2004-12-31 12.40
C89502FD	224.016	-0.303	0.563		2004-12-31 12.40
C89502MS	225.873	-0.305	0.570		2004-12-31 12.40
C89502SD	230.543	-0.310	0.566		2004-12-31 12.40
C89505	201.682	-0.276	0.570		2004-12-31 12.40
C89506	205.350	-0.280	0.572		2004-12-31 12.40
C89507		-0.381	0.575		-
C89508		-0.425	0.566		-
C89509	187.187	-0.258	0.571		2004-12-31 12.40
C89509	187.412	-0.259	0.572		2004-12-31 12.40
Alk CCV	103.434	-0.158	0.555		2004-12-31 12.40
Alk CCB	-6.388	-0.026	0.554		2004-12-31 12.40
C89510	232.653	-0.313	0.552		2004-12-31 12.41
C89511	225.988	-0.305	0.560		2004-12-31 12.41
C89512	13.818	-0.051	0.562		2004-12-31 12.41
ERA P105506	81.512	-0.132	0.560		2004-12-31 12.41
C85307	705.958	-0.203	0.553	1+4.0	2004-12-31 12.43
C87204		-0.103	0.559	1+4.0	-
C87204 A-SPK		-0.103	0.557	1+4.0	-
C87205	293.670	-0.104	0.560	1+4.0	2004-12-31 12.43
Alk CCV	106.380	-0.162	0.546		2004-12-31 13.11
Alk CCB	-5.710	-0.027	0.546		2004-12-31 13.11
C89507	314.219	-0.109	0.545	1+4.0	2004-12-31 13.13
C89508	381.050	-0.125	0.553	1+4.0	2004-12-31 13.13
Alk CCV	102.762	-0.157	0.553		2004-12-31 13.25
Alk CCB	-6.164	-0.027	0.551		2004-12-31 13.25
C87204	272.511	-0.099	0.545	1+4.0	2004-12-31 13.31
C87204 A-SPK	293.178	-0.104	0.553	1+4.0	2004-12-31 13.31
Alk CCV	106.026	-0.161	0.543		2004-12-31 13.37
Alk CCB	-3.032	-0.030	0.554		2004-12-31 13.37

AIMS DATA VALIDATION TESTS

Run Date: 01/03/2005
by: MATECKIL

Validation Filter:
Batch: A4B21790
Fraction(s): WC

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : Exception list

Job	Lab Sample	Test	Calc Type	Calc Date
A04-C853	A4C85304	CTA10094	A	/ /

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A04-C872	A4C87201	CTA15090	0.0000	AlK
A04-C872	A4C87202	CTA15090	0.0000	AlK
A04-C872	A4C87203	CTA15090	0.0000	AlK
A04-C872	A4C87203FD	CTA15090	0.0000	AlK
A04-C872	A4C87204	CTA15090	0.0000	AlK
A04-C872	A4C87204MS	CTA15090	0.0000	AlK
A04-C872	A4C87205	CTA15090	0.0000	AlK
A04-C895	A4C89501	CTA15090	0.0000	AlK

A04-C895	A4C89502	CTA15090	0.0000	AlK
A04-C895	A4C89502FD	CTA15090	0.0000	AlK
A04-C895	A4C89502MS	CTA15090	0.0000	AlK
A04-C895	A4C89502SD	CTA15090	0.0000	AlK
A04-C895	A4C89503	CTA15090	0.0000	AlK
A04-C895	A4C89504	CTA15090	0.0000	AlK
A04-C895	A4C89505	CTA15090	0.0000	AlK
A04-C895	A4C89506	CTA15090	0.0000	AlK
A04-C895	A4C89507	CTA15090	0.0000	AlK
A04-C895	A4C89508	CTA15090	0.0000	AlK
A04-C895	A4C89509	CTA15090	0.0000	AlK
A04-C895	A4C89510	CTA15090	0.0000	AlK
A04-C895	A4C89511	CTA15090	0.0000	AlK
A04-C895	A4C89512	CTA15090	0.0000	AlK
A4B21790	A4B2179001	CTA15090	0.0000	AlK
A4B21790	A4B2179002	CTA15090	0.0000	AlK
A04-C852	A4C85201	CTA09443	0.0000	BICARALK
A04-C852	A4C85202	CTA09443	0.0000	BICARALK
A04-C852	A4C85204	CTA09443	0.0000	BICARALK
A04-C854	A4C85401	CTA21772	0.0000	BICARALK
A04-C854	A4C85404	CTA21772	0.0000	BICARALK
A04-C854	A4C85405	CTA21772	0.0000	BICARALK
A04-C854	A4C85406	CTA21772	0.0000	BICARALK
A04-C854	A4C85407	CTA21772	0.0000	BICARALK
A4B21790	A4B2179001	CTA09443	0.0000	BICARALK
A4B21790	A4B2179001	CTA21772	0.0000	BICARALK
A4B21790	A4B2179002	CTA09443	0.0000	BICARALK
A4B21790	A4B2179002	CTA21772	0.0000	BICARALK
A04-C854	A4C85401	CTA21771	0.0000	CARALK
A04-C854	A4C85404	CTA21771	0.0000	CARALK
A04-C854	A4C85405	CTA21771	0.0000	CARALK
A04-C854	A4C85406	CTA21771	0.0000	CARALK
A04-C854	A4C85407	CTA21771	0.0000	CARALK
A4B21790	A4B2179001	CTA21771	0.0000	CARALK
A4B21790	A4B2179002	CTA21771	0.0000	CARALK
A04-C852	A4C85201	CTA09444	0.0000	TALK
A04-C852	A4C85202	CTA09444	0.0000	TALK
A04-C852	A4C85204	CTA09444	0.0000	TALK
A04-C853	A4C85301	CTA10094	0.0000	TALK
A04-C853	A4C85302	CTA10094	0.0000	TALK
A04-C853	A4C85303	CTA10094	0.0000	TALK
A04-C853	A4C85304	CTA10094	0.0000	TALK
A04-C853	A4C85305	CTA10094	0.0000	TALK
A04-C853	A4C85306	CTA10094	0.0000	TALK
A04-C853	A4C85307	CTA10094	0.0000	TALK
A04-C854	A4C85401	CTA21773	0.0000	TALK
A04-C854	A4C85404	CTA21773	0.0000	TALK
A04-C854	A4C85405	CTA21773	0.0000	TALK
A04-C854	A4C85406	CTA21773	0.0000	TALK
A04-C854	A4C85407	CTA21773	0.0000	TALK
A04-C871	A4C87101	CTA19855	0.0000	TALK
A4B21790	A4B2179001	CTA09444	0.0000	TALK
A4B21790	A4B2179001	CTA10094	0.0000	TALK
A4B21790	A4B2179001	CTA19855	0.0000	TALK
A4B21790	A4B2179001	CTA21773	0.0000	TALK
A4B21790	A4B2179002	CTA09444	0.0000	TALK
A4B21790	A4B2179002	CTA10094	0.0000	TALK
A4B21790	A4B2179002	CTA19855	0.0000	TALK
A4B21790	A4B2179002	CTA21773	0.0000	TALK

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

****

Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A04-C852	A4C85201	CTA09443	O	FS	12/31/2004
A04-C852	A4C85202	CTA09443	O	FS	12/31/2004
A04-C852	A4C85204	CTA09443	O	FS	12/31/2004
A04-C852	A4C85201	CTA09444	O	FS	12/31/2004
A04-C852	A4C85202	CTA09444	O	FS	12/31/2004
A04-C852	A4C85204	CTA09444	O	FS	12/31/2004
A04-C853	A4C85301	CTA10094	O	FS	12/31/2004
A04-C853	A4C85302	CTA10094	O	FS	12/31/2004
A04-C853	A4C85303	CTA10094	O	FS	12/31/2004
A04-C853	A4C85304	CTA10094	O	FS	12/31/2004
A04-C853	A4C85305	CTA10094	O	FS	12/31/2004
A04-C853	A4C85306	CTA10094	O	FS	12/31/2004
A04-C853	A4C85307	CTA10094	O	FS	12/31/2004
A04-C854	A4C85401	CTA21771	O	FS	12/31/2004
A04-C854	A4C85404	CTA21771	O	FS	12/31/2004
A04-C854	A4C85405	CTA21771	O	FS	12/31/2004
A04-C854	A4C85406	CTA21771	O	FS	12/31/2004
A04-C854	A4C85407	CTA21771	O	FS	12/31/2004
A04-C854	A4C85401	CTA21772	O	FS	12/31/2004
A04-C854	A4C85404	CTA21772	O	FS	12/31/2004
A04-C854	A4C85405	CTA21772	O	FS	12/31/2004
A04-C854	A4C85406	CTA21772	O	FS	12/31/2004
A04-C854	A4C85407	CTA21772	O	FS	12/31/2004
A04-C854	A4C85401	CTA21773	O	FS	12/31/2004
A04-C854	A4C85404	CTA21773	O	FS	12/31/2004
A04-C854	A4C85405	CTA21773	O	FS	12/31/2004
A04-C854	A4C85406	CTA21773	O	FS	12/31/2004
A04-C854	A4C85407	CTA21773	O	FS	12/31/2004
A04-C871	A4C87101	CTA19855	O	FS	12/31/2004
A04-C872	A4C87201	CTA15090	O	FS	12/31/2004
A04-C872	A4C87202	CTA15090	O	FS	12/31/2004
A04-C872	A4C87203	CTA15090	O	FS	12/31/2004
A04-C872	A4C87203FD	CTA15090	O	FD	12/31/2004
A04-C872	A4C87204	CTA15090	O	FS	12/31/2004
A04-C872	A4C87204MS	CTA15090	O	MS	12/31/2004
A04-C872	A4C87205	CTA15090	O	FS	12/31/2004
A04-C895	A4C89501	CTA15090	O	FS	12/31/2004
A04-C895	A4C89502	CTA15090	O	FS	12/31/2004
A04-C895	A4C89502FD	CTA15090	O	FD	12/31/2004
A04-C895	A4C89502MS	CTA15090	O	MS	12/31/2004
A04-C895	A4C89502SD	CTA15090	O	SD	12/31/2004
A04-C895	A4C89503	CTA15090	O	FS	12/31/2004
A04-C895	A4C89504	CTA15090	O	FS	12/31/2004
A04-C895	A4C89505	CTA15090	O	FS	12/31/2004
A04-C895	A4C89506	CTA15090	O	FS	12/31/2004
A04-C895	A4C89507	CTA15090	O	FS	12/31/2004
A04-C895	A4C89508	CTA15090	O	FS	12/31/2004
A04-C895	A4C89509	CTA15090	O	FS	12/31/2004
A04-C895	A4C89510	CTA15090	O	FS	12/31/2004
A04-C895	A4C89511	CTA15090	O	FS	12/31/2004
A04-C895	A4C89512	CTA15090	O	EB	12/31/2004
A4B21790	A4B2179001	CTA09443	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA09443	O	MBLK	12/31/2004
A4B21790	A4B2179001	CTA09444	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA09444	O	MBLK	12/31/2004
A4B21790	A4B2179001	CTA10094	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA10094	O	MBLK	12/31/2004
A4B21790	A4B2179001	CTA15090	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA15090	O	MBLK	12/31/2004

A4B21790	A4B2179001	CTA19855	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA19855	O	MBLK	12/31/2004
A4B21790	A4B2179001	CTA21771	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA21771	O	MBLK	12/31/2004
A4B21790	A4B2179001	CTA21772	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA21772	O	MBLK	12/31/2004
A4B21790	A4B2179001	CTA21773	O	LCS	12/31/2004
A4B21790	A4B2179002	CTA21773	O	MBLK	12/31/2004

****

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A04-C852	WC	No comments	
A04-C853	WC	Not approved	*
A04-C854	WC	Not approved	*
A04-C871	WC	No comments	
A04-C872	WC	Not approved	*
A04-C895	WC	Not approved	*

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

****

Sample Spikes with % Recovery = 0 : Exception list

OK

Job	Lab Sample	Test	MSRecov	SDRecov	Pname
A4B21790	A4B2179002	CTA21771	0.0	0.0	Carbonate Alkal

****

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

****

Matrix Spike Duplicate RPDs Exceeding QC Limits : Exception list

Ok

RPD=2.046%

Job	Lab Sample	Test	MSRecov	SDRecov	%RPD	QCrpd	Pname
A04-C895	A4C89502	CTA15090	67.0	90.0	29.0	20.0	Total Alkalinit

****

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C
A4B21790	A4B2179001	CTA09443	/ /		WC	
A4B21790	A4B2179002	CTA09443	/ /		WC	
A4B21790	A4B2179001	CTA09444	/ /		WC	
A4B21790	A4B2179002	CTA09444	/ /		WC	
A4B21790	A4B2179001	CTA10094	/ /		WC	
A4B21790	A4B2179002	CTA10094	/ /		WC	
A4B21790	A4B2179001	CTA15090	/ /		WC	
A4B21790	A4B2179002	CTA15090	/ /		WC	
A4B21790	A4B2179001	CTA19855	/ /		WC	
A4B21790	A4B2179002	CTA19855	/ /		WC	
A4B21790	A4B2179001	CTA21771	/ /		WC	
A4B21790	A4B2179002	CTA21771	/ /		WC	
A4B21790	A4B2179001	CTA21772	/ /		WC	
A4B21790	A4B2179002	CTA21772	/ /		WC	
A4B21790	A4B2179001	CTA21773	/ /		WC	
A4B21790	A4B2179002	CTA21773	/ /		WC	

****

****

Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction	C
A4B21790	A4B2179001	CTA09443	/ /		WC	
A4B21790	A4B2179002	CTA09443	/ /		WC	
A4B21790	A4B2179001	CTA09444	/ /		WC	
A4B21790	A4B2179002	CTA09444	/ /		WC	
A4B21790	A4B2179001	CTA10094	/ /		WC	
A4B21790	A4B2179002	CTA10094	/ /		WC	
A4B21790	A4B2179001	CTA15090	/ /		WC	
A4B21790	A4B2179002	CTA15090	/ /		WC	
A4B21790	A4B2179001	CTA19855	/ /		WC	
A4B21790	A4B2179002	CTA19855	/ /		WC	
A4B21790	A4B2179001	CTA21771	/ /		WC	
A4B21790	A4B2179002	CTA21771	/ /		WC	
A4B21790	A4B2179001	CTA21772	/ /		WC	
A4B21790	A4B2179002	CTA21772	/ /		WC	
A4B21790	A4B2179001	CTA21773	/ /		WC	
A4B21790	A4B2179002	CTA21773	/ /		WC	

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

Batch	Type	Status	Analyst	Start Date	End Date
A4B21790	WC	O	MG	12/31/2004	12/31/2004

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

Current					Historical Results
Lab Sample	Test	Parameter	UM	Result	
A4C85202	CTA09443	BICARALK	MG/L	23.7 OK	16.5/10U/5.0U/7.3/5.0U/13.6 10.4/8.4/5.0U/10U/6.1/19.5 14.3/18.1
A4C85202	CTA09444	TALK	MG/L	23.7	16.5/10U/5.0U/7.3/5.0U/13.6 10.4/8.4/5.0U/10U/6.1/19.5 14.3/18.1/15.3
A4C85301	CTA10094	TALK	MG/L	1230 leach	2170

A4C85303	CTA10094	TALK	MG/L	818 leach	460
A4C85405	CTA21772	BICARALK	MG/L	21.0 OK	10U/10U/18.5/10/17.5/5.0U 5.0U/153
A4C85405	CTA21773	TALK	MG/L	21.0	10U/10U/18.5/10/17.5/95.5/507 153
A4C85406	CTA21772	BICARALK	MG/L	10.1	10U/10U/5.0U/10.6/213/113 11.0
A4C85406	CTA21773	TALK	MG/L	10.1	10U/10U/5.0U/10.6/213/113 11.0
A4C87101	CTA19855	TALK	MG/L	326	Not Found
A4C87201	CTA15090	AlK	MG/L	302	Not Found
A4C87202	CTA15090	AlK	MG/L	144	Not Found
A4C87203	CTA15090	AlK	MG/L	235	Not Found
A4C87204	CTA15090	AlK	MG/L	272	Not Found
A4C87205	CTA15090	AlK	MG/L	294	Not Found
A4C89501	CTA15090	AlK	MG/L	174	Not Found
A4C89502	CTA15090	AlK	MG/L	212	Not Found
A4C89503	CTA15090	AlK	MG/L	244	Not Found
A4C89504	CTA15090	AlK	MG/L	97.7	Not Found
A4C89505	CTA15090	AlK	MG/L	202	Not Found
A4C89506	CTA15090	AlK	MG/L	205	Not Found
A4C89507	CTA15090	AlK	MG/L	314	Not Found
A4C89508	CTA15090	AlK	MG/L	381	Not Found
A4C89509	CTA15090	AlK	MG/L	187	Not Found
A4C89510	CTA15090	AlK	MG/L	233	Not Found
A4C89511	CTA15090	AlK	MG/L	226	Not Found

****

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 353.2

AAB #: A4B21786

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

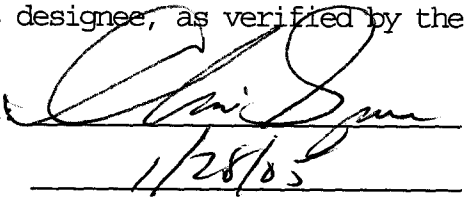
Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
123004LE	A4C89512
TF3M11613LB	A4C89502
TF3M11613LC	A4C89502FD
TF3M11613LD	A4C89502SD
TF3M11613LS	A4C89502MS
TF3M11713LB	A4C89503
TF3M119R12LB	A4C89504
TF3M121R12LB	A4C89505
TF3M12313LB	A4C89506
TF3M12713LB	A4C89507
TF3M12814LB	A4C89508
TF3M13114LB	A4C89509
TF3M13217LB	A4C89510
TF3M13316LB	A4C89511
TF3M2114LB	A4C89501

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: 

Name: Chris Spencer

Date: 1/28/05

Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114LB Lab Sample ID: A4C89501 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.31	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LC Lab Sample ID: A4C89502FD Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.093	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LS Lab Sample ID: A4C89502MS Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.3	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M11613LD Lab Sample ID: A4C89502SD Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.3	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M11713LB Lab Sample ID: A4C89503 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.67	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R12LB Lab Sample ID: A4C89504 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12LB Lab Sample ID: A4C89505 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.4	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313LB Lab Sample ID: A4C89506 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.040	1.00	F

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713LB Lab Sample ID: A4C89507 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.36	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814LB Lab Sample ID: A4C89508 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.12	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114LB Lab Sample ID: A4C89509 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.95	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217LB Lab Sample ID: A4C89510 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.7	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316LB Lab Sample ID: A4C89511 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.59	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 123004LE Lab Sample ID: A4C89512 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 31-Dec-2004

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A4B2178602 Concentration Units: MG/L-N

Analyte	Method Blank	RL	Q
NITROGEN,NITRATE (AS N)	ND	0.050	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 353.2 AAB #: A4B21786

Lab Name: STL Buffalo Contract #: _____

LCS ID: A4B2178601 Concentration Units: MG/L-N

Analyte	Expected	Found	%R	Control Limits	Q
NITROGEN,NITRATE (AS N)	2.50	2.71	109	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 7
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 353.2 AAB#: A4B21786

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613LB Units: MG/L-N % Solids: 0.00

MS ID: A4C89502MS MSD ID: A4C89502SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
NITROGEN,NITRATE (AS N)	0.311	1.00	1.34	104	1.30	99	5	77 - 123	20	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 353.2 AAB#: A4B21786

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
123004LE	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M11613LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M11613LC	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M11613LD	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M11613LS	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M11713LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M119R12LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M121R12LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M12313LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M12713LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M12814LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M13114LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M13217LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M13316LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	
TF3M2114LB	30-Dec-2004	31-Dec-2004	31-Dec-2004	2.00	1.00	

Comments:

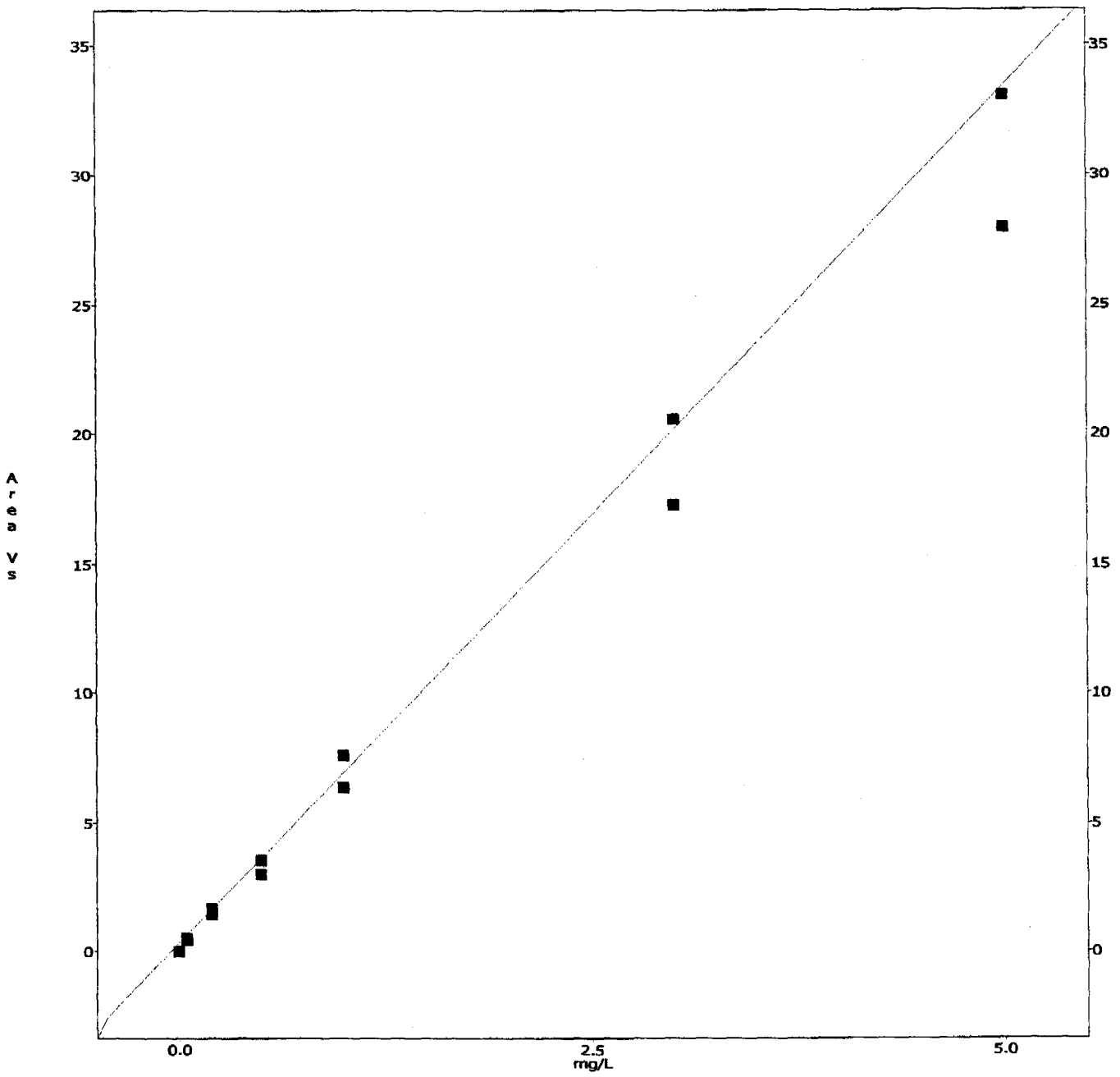
NO2-NO3

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	33069172	5.00	33069172	27934186				3630983.5	11.9	1.1
2	20589796	3.00	20589796	17283054				2338219.8	12.3	-1.9
3	7613316	1.00	7613316	6396125				860684.0	12.3	-9.6
4	3568378	0.50	3568378	3027584				382399.1	11.6	3.0
5	1663712	0.20	1663712	1429779				165415.6	10.7	1.4
6	511461	0.05	511461	454560				40235.1	8.3	53.9
7	4058	0.00	4058	10290				4406.7	61.4	

1st Order Poly
Conc = 1.511e-007 Area - 5.424e-002
r = 0.9995

12/17/04

Scaling: None - Weighting: None



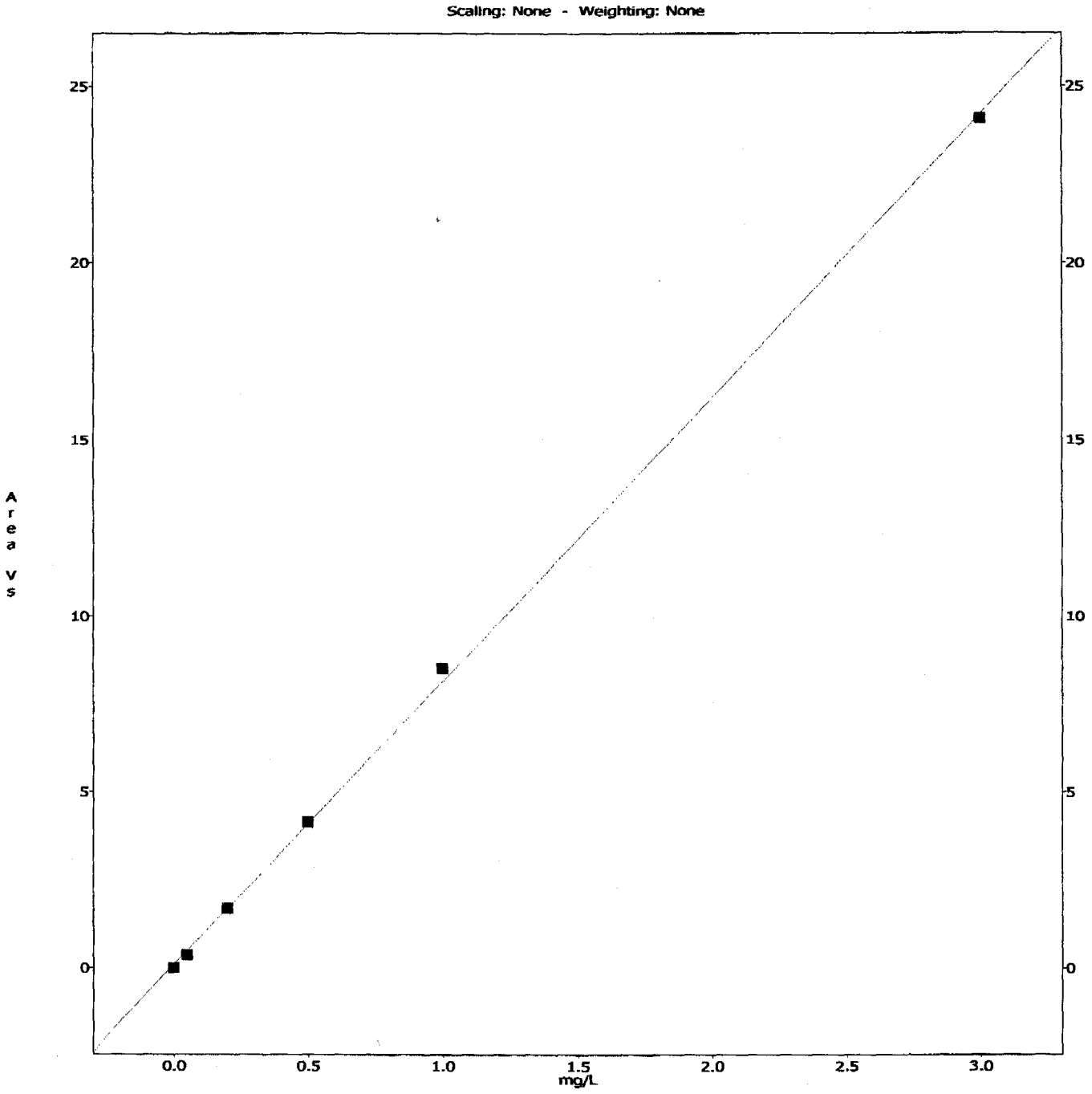
Printed: Friday, December 31, 2004 - 11:54 AM

NO2

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	24102260	3.00	24102260					0.0	0.0	0.5
2	8528570	1.00	8528570					0.0	0.0	-4.7
3	4146495	0.50	4146495					0.0	0.0	-0.3
4	1715918	0.20	1715918					0.0	0.0	0.3
5	375430	0.05	375430					0.0	0.0	34.6
6	0	0.00	0					0.0	0.0	

12/13/04

1st Order Poly
Conc = 1.244e-007 Area - 1.399e-002
r = 0.9998



Printed: Friday, December 31, 2004 - 02:40 PM

STL-BUFFALO (NO3/NO2)
OPERATOR: mykle
ACQ. TIME: Dec 31, 2004 13:09:21
DATA FILENAME: C:\OMNION\N312314A.FDT
METHOD FILENAME: H:\LACHAT\NO2-NO3.MET

BATCH A4B 21786
Start: 13:09
END:

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Method - Ch. 3 (INACTIVE)

Cup	Sample ID	# of Reps	NO2-NO3 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

Solutions
9-96-D,E
9-112-E
9-113-A,B,C

STL BUFFALO

Method(s): 353.2

Analyst: MG Date: 12/31/04

Reviewed By: _____ Date: _____

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 27

NO_3

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor	
1	NO2@2.5PPM	13:09:24	1	2.8629	1.00	
2	NO3@2.5PPM	13:10:28	1	2.7183	1.00	108.7%
3	ICB	13:11:32	1	-0.0420	1.00	<.05
7	c89501	13:12:50	1	-0.0098	1.00	
8	c89502	13:13:52	1	0.3117	1.00	
9	c89502fd	13:14:55	1	0.0931	1.00	108% RPD - outside limit -
10	c89502ms	13:15:57	1	1.3472	1.00	103.5% SpK @ 1.0ppm
11	c89502sd	13:17:00	1	1.3011	1.00	3.48% RPD
12	c89503	13:18:02	1	0.6742	1.00	
13	c89504	13:19:04	1	-0.0411	1.00	
14	CCV	13:20:05	1	2.3481	1.00	93.9%
15	CCB	13:21:07	1	-0.0542	1.00	<.05
16	c89505	13:22:11	1	1.4401	1.00	
17	c89506	13:23:15	1	0.0397	1.00	
18	c89507	13:24:18	1	0.3585	1.00	
19	c89508	13:25:22	1	0.1167	1.00	
20	c89509	13:26:25	1	0.9542	1.00	
21	c89510	13:27:29	1	1.7190	1.00	
22	c89511	13:28:32	1	0.5866	1.00	
23	c89512	13:29:34	1	-0.0477	1.00	
~~24~~	~~c89501.~~	~~13:30:37~~	~~1~~	~~-0.0029~~	~~1.00~~	see up 7
26	CCV	13:31:39	1	2.3716	1.00	94.9%
27	CCB	13:32:42	1	-0.0542	1.00	<.05

* All Samples tested negative for residual chloride

$$RE = \frac{2.7183}{2.8629} \times 100 = 94.9\%$$

STL-BUFFALO (NO2)
OPERATOR: mykle
ACQ. TIME: Dec 31, 2004 14:21:33
DATA FILENAME: C:\OMNION\N212314A.FDT
METHOD FILENAME: Multi-H:\LACHAT\NO2.MET
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Method - Ch. 3 (INACTIVE)

Cup	Sample ID	# of Reps	NO2 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2 (mg/L)	
1	NO2ICV@1.0ppm	14:21:36	1	1.0009	100%
2	ICB	14:23:37	1	-0.0140	< .05
3	c89502	14:24:41	1	0.0079	
4	c89502fd	14:25:44	1	0.0056	0% RPD
5	c89503	14:26:48	1	0.0190	
6	c89505	14:27:50	1	0.0086	
7	c89507	14:28:53	1	-0.0117	
8	c89508	14:29:55	1	-0.0126	
9	c89509	14:30:58	1	-0.0129	
10	c89510	14:32:01	1	-0.0030	
11	c89511	14:33:03	1	0.0233	
12	c89511 spk	14:34:06	1	1.1142	109% SPK @ 1.0 ppm
13	CCV	14:35:07	1	1.0412	104%
14	CCB	14:36:09	1	-0.0105	< .05

****
****

AIMS DATA VALIDATION TESTS

Run Date: 01/03/2005
by: MATECKIL

Validation Filter:
Batch: A4B21786
Fraction(s): WC

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

****
Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A04-C895	A4C89501	CTA09627	0.0000	NITRATE
A04-C895	A4C89502	CTA09627	0.0000	NITRATE
A04-C895	A4C89502FD	CTA09627	0.0000	NITRATE
A04-C895	A4C89502MS	CTA09627	0.0000	NITRATE
A04-C895	A4C89502SD	CTA09627	0.0000	NITRATE
A04-C895	A4C89503	CTA09627	0.0000	NITRATE
A04-C895	A4C89504	CTA09627	0.0000	NITRATE
A04-C895	A4C89505	CTA09627	0.0000	NITRATE
A04-C895	A4C89506	CTA09627	0.0000	NITRATE
A04-C895	A4C89507	CTA09627	0.0000	NITRATE
A04-C895	A4C89508	CTA09627	0.0000	NITRATE
A04-C895	A4C89509	CTA09627	0.0000	NITRATE
A04-C895	A4C89510	CTA09627	0.0000	NITRATE
A04-C895	A4C89511	CTA09627	0.0000	NITRATE
A04-C895	A4C89512	CTA09627	0.0000	NITRATE

A4B21786	A4B2178601	CTA09627	0.0000	NITRATE
A4B21786	A4B2178602	CTA09627	0.0000	NITRATE

****

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

****
Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A04-C895	A4C89501	CTA09627	O	FS	12/31/2004
A04-C895	A4C89502	CTA09627	O	FS	12/31/2004
A04-C895	A4C89502FD	CTA09627	O	FD	12/31/2004
A04-C895	A4C89502MS	CTA09627	O	MS	12/31/2004
A04-C895	A4C89502SD	CTA09627	O	SD	12/31/2004
A04-C895	A4C89503	CTA09627	O	FS	12/31/2004
A04-C895	A4C89504	CTA09627	O	FS	12/31/2004
A04-C895	A4C89505	CTA09627	O	FS	12/31/2004
A04-C895	A4C89506	CTA09627	O	FS	12/31/2004
A04-C895	A4C89507	CTA09627	O	FS	12/31/2004
A04-C895	A4C89508	CTA09627	O	FS	12/31/2004
A04-C895	A4C89509	CTA09627	O	FS	12/31/2004
A04-C895	A4C89510	CTA09627	O	FS	12/31/2004
A04-C895	A4C89511	CTA09627	O	FS	12/31/2004
A04-C895	A4C89512	CTA09627	O	EB	12/31/2004
A4B21786	A4B2178601	CTA09627	O	LCS	12/31/2004
A4B21786	A4B2178602	CTA09627	O	MBLK	12/31/2004

****

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****
Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A04-C895	WC	Not approved	*

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

****

Spike Invalid Calculation Date : Exception list

Job	Lab Sample	Test	Calc Date	Calc Time	Sample Type
A04-C895	A4C89502	CTA09627	12/31/2004	15:08	FS
A4B21786	A4B2178602	CTA09627	12/31/2004	15:08	MBLK

****

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C

```
A4B21786 A4B2178601 CTA09627   /  /                WC
A4B21786 A4B2178602 CTA09627   /  /                WC
*******************************************************************************

*******************************************************************************
Sample/Tests with No Received Time                 : Exception list

  Job    Lab Sample   Test    Recd Date  RecdTime Fraction C
-------------------------------------------------------
A4B21786 A4B2178601 CTA09627   /  /                WC
A4B21786 A4B2178602 CTA09627   /  /                WC
*******************************************************************************

Sample/Tests with No Prep Time                     : No exceptions found

Sample/Tests with No Analysis Time                 : No exceptions found

Sample/Tests with No Analysis Batch Assigned       : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

*******************************************************************************
Batches Not Closed                                 : Exception list

 Batch    Type  Status Analyst Start Date  End Date
-----------------------------------------------
A4B21786 WC       O      MG    12/28/2004 12/28/2004
*******************************************************************************

Sample/Tests with No Prep Batch Assigned           : No exceptions found

Sample/Tests with No Prep Batch Details            : No exceptions found

Sample/Tests with No Organic Prep Details          : No exceptions found

Sample/Tests with No Analysis Batch Details        : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added   : No exceptions found

*******************************************************************************
Result NOT Consistent with Historical/No History   : Exception list

                    Current                                    Historical Results
Lab Sample   Test     Parameter      UM      Result
-------------------------------------------------------------------------------
A4C89501   CTA09627 NITRATE       MG/L-N  0.036U     Not Found
A4C89502   CTA09627 NITRATE       MG/L-N  0.31       Not Found
A4C89503   CTA09627 NITRATE       MG/L-N  0.67       Not Found
A4C89504   CTA09627 NITRATE       MG/L-N  0.036U     Not Found
A4C89505   CTA09627 NITRATE       MG/L-N  1.4        Not Found
A4C89506   CTA09627 NITRATE       MG/L-N  0.040F     Not Found
A4C89507   CTA09627 NITRATE       MG/L-N  0.36       Not Found
A4C89508   CTA09627 NITRATE       MG/L-N  0.12       Not Found
A4C89509   CTA09627 NITRATE       MG/L-N  0.95       Not Found
A4C89510   CTA09627 NITRATE       MG/L-N  1.7        Not Found
A4C89511   CTA09627 NITRATE       MG/L-N  0.59       Not Found
*******************************************************************************
```

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 353.2

AAB #: A5B00091

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
TF3M11613LB	A4C89502F1
TF3M11613LB	A4C89502RE

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract,both technically and for completeness,for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 1/28/03

Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502F1 Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.16	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613LB Lab Sample ID: A4C89502RE Matrix: WATER

% Solids: 0.0

Date Received: 31-Dec-2004 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.35	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A5B0009102 Concentration Units: MG/L-N

Analyte	Method Blank	RL	Q
NITROGEN,NITRATE (AS N)	ND	0.050	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0009101 Concentration Units: MG/L-N

Analyte	Expected	Found	%R	Control Limits	Q
NITROGEN,NITRATE (AS N)	2.50	2.70	108	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 353.2 AAB#: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
TF3M11613LB	30-Dec-2004	31-Dec-2004	4-Jan-2005	2.00	5.00	*
TF3M11613LB	30-Dec-2004	31-Dec-2004	4-Jan-2005	2.00	5.00	*

Comments:

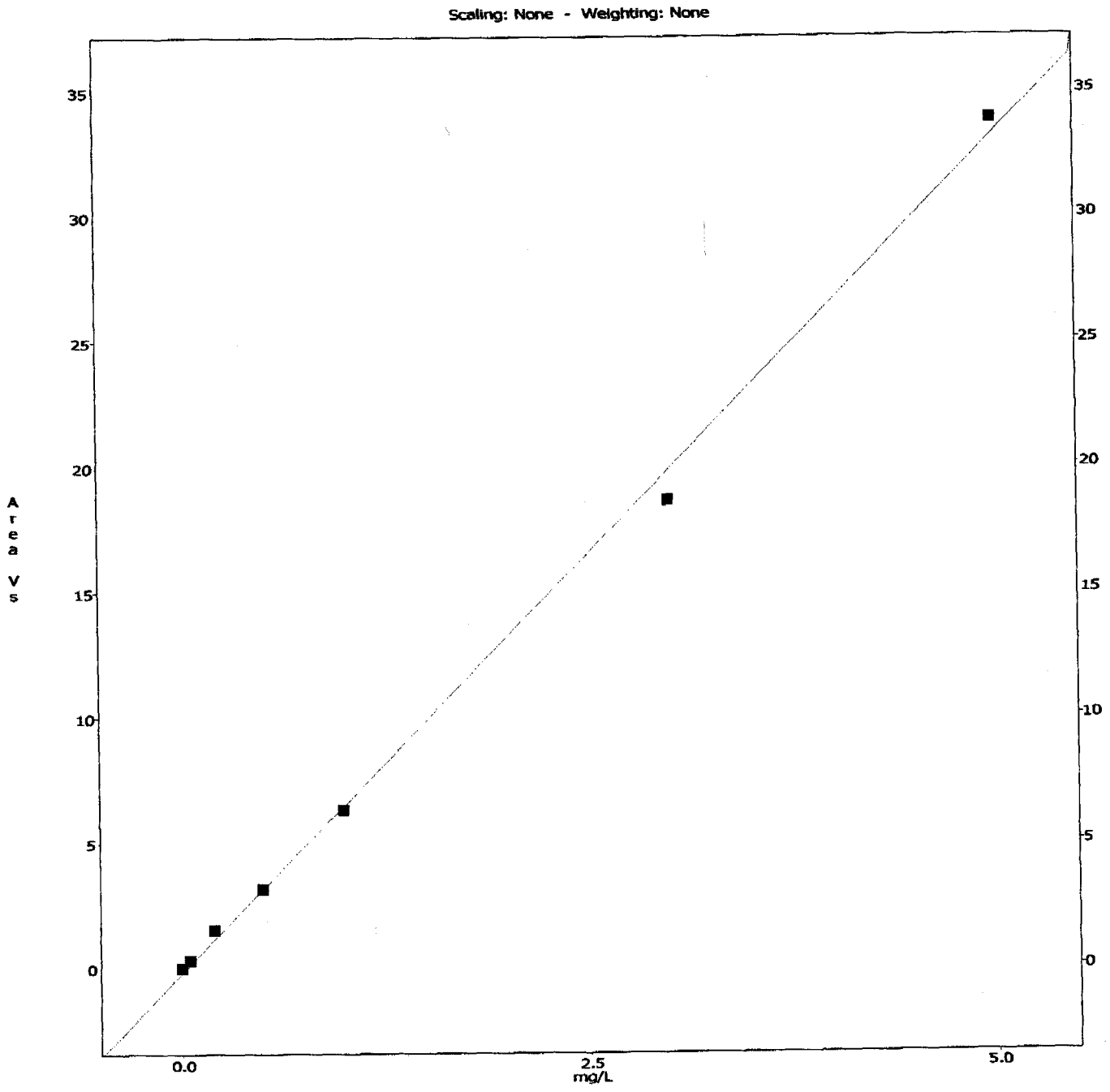
See Case Narrative

NO2-NO3

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	33813528	5.00	33813528					0.0	0.0	-2.0
2	18622180	3.00	18622180					0.0	0.0	6.0
3	6342736	1.00	6342736					0.0	0.0	2.2
4	3129431	0.50	3129431					0.0	0.0	0.9
5	1523117	0.20	1523117					0.0	0.0	-27.1
6	333840	0.05	333840					0.0	0.0	-51.5
7	0	0.00	0					0.0	0.0	

1st Order Poly
Conc = 1.501e-007 Area + 2.565e-002
r = 0.9989

1/4/05



Printed: Tuesday, January 04, 2005 - 04:44 PM

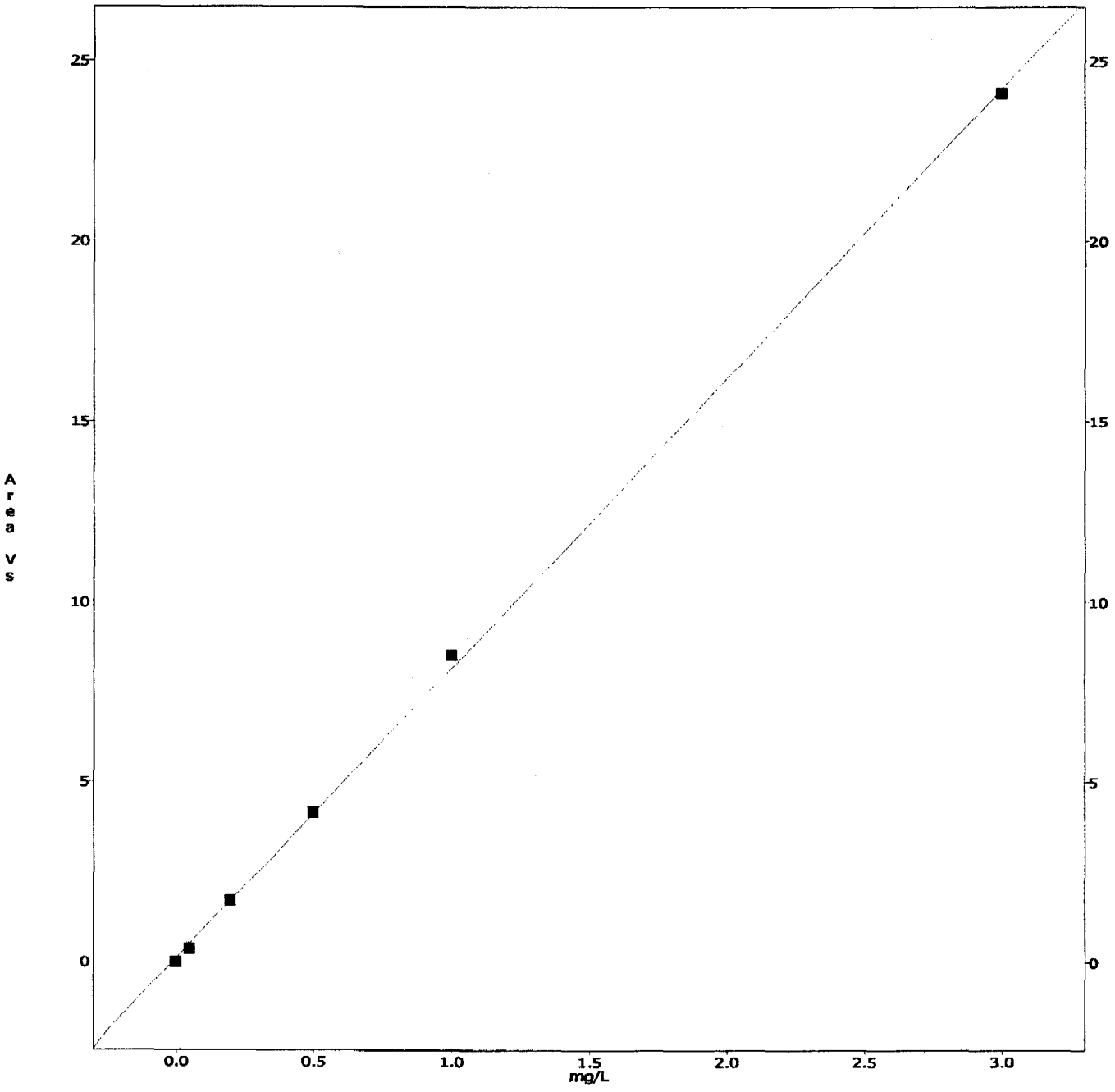
NO2

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	24102260	3.00	24102260					0.0	0.0	0.5
2	8528570	1.00	8528570					0.0	0.0	-4.7
3	4146495	0.50	4146495					0.0	0.0	-0.3
4	1715918	0.20	1715918					0.0	0.0	0.3
5	375430	0.05	375430					0.0	0.0	34.6
6	0	0.00	0					0.0	0.0	

1st Order Poly
Conc = 1.244e-007 Area - 1.399e-002
r = 0.9998

12/13/04

Scaling: None - Weighting: None



Printed: Tuesday, January 04, 2005 - 04:15 PM

STL-BUFFALO (NO3/NO2)
OPERATOR: karly
ACQ. TIME: Jan 4, 2005 16:52:06
DATA FILENAME: C:\OMNION\N301045C.FDT
METHOD FILENAME: H:\LACHAT\NO2-NO3.MET

Batch #A5B00091
Start: 16:52
End: 17:29

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Method - Ch. 3 (INACTIVE)

Cup	Sample ID	# of Reps	NO2-NO3 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

STL BUFFALO

Solutions
9-119-A,B,C,D
9-120-A,B

Method(s): 353.2

Analyst: KW Date: 1/4/05

Reviewed By: _____ Date: _____

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor	NO3
1	NO2@2.5PPM	16:52:09	1	2.4875	1.00 100%	
2	NO3@2.5PPM	16:53:13	1	2.7015	1.00 108%	
3	ICB	16:54:16	1	0.0257	1.00 <.05	
4	a4c85701	16:56:28	1	0.1974	1.00	.05
5	a4c85702	16:57:32	1	0.2806	1.00	
6	a4c85703	16:58:34	1	0.2286	1.00	.1091
7	a4c89502RE	16:59:37	1	0.3523	1.00 RPD=71.06%	
8	a4c89502FD	17:00:39	1	0.1619	1.00	
9	a5003801	17:01:42	1	0.6687	1.00	
10	a5003802	17:02:44	1	0.1719	1.00	
11	a5003803	17:03:47	1	0.0294	1.00 RPD=0%	
12	a5003803dup	17:04:50	1	0.0294	1.00	
13	a5003803spk	17:05:51	1	1.0018	1.00 97%@1.0ppm	
14	CCV	17:06:53	1	2.7542	1.00 110%	
15	CCB	17:07:54	1	0.0291	1.00 <.05	
16	A4C89502RE	17:08:58	1	0.3588	1.00	
17	A4C89502FD	17:10:02	1	0.1639	1.00	
26	CCV	17:12:11	1	2.8403	1.00 114%	
27	CCB	17:13:14	1	0.0300	1.00 <.05	

*All samples tested negative for residual chlorine

$RE = \frac{2.7015}{2.4875} \times 100 = 109\%$

STL-BUFFALO (NO2)
OPERATOR: karly
ACQ. TIME: Jan 4, 2005 17:16:59
DATA FILENAME: C:\OMNION\N201045A.FDT
METHOD FILENAME: Multi-H:\LACHAT\NO2.MET
Method - Ch. 3 (INACTIVE)
Type: Calibration Standards
Channel Range: 1 to 8 – Cup Range: 1 to 50

Cup	Sample ID	# of Reps	NO2 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2 (mg/L)
1	NO2ICV@1.0ppm	17:17:03	1	1.0934 109%
2	ICB	17:18:06	1	-0.0140 <.05
3	a4c85701	17:19:10	1	0.1474
4	a4c85702	17:20:14	1	-0.0090
5	a4c85703	17:21:17	1	0.1195
6	a4c85902RE	17:22:20	1	-0.0119
7	a4c85902FD	17:23:22	1	-0.0128
8	a5003801	17:24:25	1	0.0383
9	a5003802	17:25:27	1	-0.0030 RPD=0%
10	a5003802dup	17:26:30	1	-0.0018
11	a5003802spk	17:27:33	1	0.7753 77%@1.0ppm
13	CCV	17:28:35	1	1.0671 107%
14	CCB	17:29:37	1	-0.0140 <.05

Sample	Result	Liters Used	Kg Used	Dry Weight	Final Result
a4c85701	0.05	0.2	0.01	0.9631	1.038313778
a4c85702	0.2806	0.2	0.0101	0.9605	5.784940805
a4c85703	0.1091	0.2	0.0102	0.9584	2.23206979
					#DIV/0!
					#DIV/0!
					#DIV/0!
					#DIV/0!
					#DIV/0!
					#DIV/0!
					#DIV/0!
					#DIV/0!
					#DIV/0!

****
****

AIMS DATA VALIDATION TESTS

Run Date: 01/05/2005
by: MATECKIL

Validation Filter:
Batch: A5B00091
Fraction(s): WC

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

****
Missed Analysis Holding Times ASTM OK : Exception list

Job	Lab Sample	Test	S/R Date	Tclp Date	Prep Date	Analysis Date	Hold Days	C
A04-C857	A4C85701	CTA25151	12/27/2004	/ /	/ /	01/04/2005	2	
A04-C857	A4C85702	CTA25151	12/27/2004	/ /	/ /	01/04/2005	2	
A04-C857	A4C85703	CTA25151	12/27/2004	/ /	/ /	01/04/2005	2	
A04-C895	A4C89502F1	CTA09627	12/30/2004	/ /	/ /	01/04/2005	2	
A04-C895	A4C89502RE	CTA09627	12/30/2004	/ /	/ /	01/04/2005	2	

****

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

****
Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A04-C857	A4C85701	CTA25151	0.0000	Lno3no2
A04-C857	A4C85702	CTA25151	0.0000	Lno3no2
A04-C857	A4C85703	CTA25151	0.0000	Lno3no2
A5B00091	A5B0009103	CTA25151	0.0000	Lno3no2

A5B00091	A5B0009104	CTA25151	0.0000	Lno3no2
A04-C895	A4C89502F1	CTA09627	0.0000	NITRATE
A04-C895	A4C89502RE	CTA09627	0.0000	NITRATE
A05-0038	A5003801	CTA09627	0.0000	NITRATE
A05-0038	A5003802	CTA09627	0.0000	NITRATE
A05-0038	A5003803	CTA09627	0.0000	NITRATE
A05-0038	A5003803MS	CTA09627	0.0000	NITRATE
A5B00091	A5B0009101	CTA09627	0.0000	NITRATE
A5B00091	A5B0009102	CTA09627	0.0000	NITRATE

****

****
% Dry Weights Not Entered : Exception list

Job	Lab Sample	Test	% Dry Wt	Matrix	Description
A04-C857	A4C85701	CTA25151	0.00	S	Lno3no2
A04-C857	A4C85702	CTA25151	0.00	S	Lno3no2
A04-C857	A4C85703	CTA25151	0.00	S	Lno3no2

****

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

****
Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A04-C857	A4C85701	CTA25151	O	FS	01/04/2005
A04-C857	A4C85702	CTA25151	O	FS	01/04/2005
A04-C857	A4C85703	CTA25151	O	FS	01/04/2005
A04-C895	A4C89502F1	CTA09627	O	FDR1	01/04/2005
A04-C895	A4C89502RE	CTA09627	O	RE	01/04/2005
A05-0038	A5003801	CTA09627	O	FS	01/04/2005
A05-0038	A5003802	CTA09627	O	FS	01/04/2005
A05-0038	A5003803	CTA09627	O	EB	01/04/2005
A05-0038	A5003803MS	CTA09627	O	MS	01/04/2005
A5B00091	A5B0009101	CTA09627	O	LCS	01/04/2005
A5B00091	A5B0009102	CTA09627	O	MBLK	01/04/2005
A5B00091	A5B0009103	CTA25151	O	LCS	01/04/2005
A5B00091	A5B0009104	CTA25151	O	MBLK	01/04/2005

****

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

****
TDL / Concentration with unexpected Result Flag : Exception list

Job	Lab Sample	Test	Pname	Results	Tdl	Flags	Fr
A5B00091	A5B0009103	CTA25151	Nitrate-Nitrite	1.0	0.050	U	WC

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A04-C857	WC	Not approved	*
A04-C895	WC	Approved	
A05-0038	WC	No comments	

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : Exception list

Job	Lab Sample	Test	Calc Date	Calc Time	Sample Type
A05-0038	A5003803	CTA09627	01/04/2005	17:54	EB
A5B00091	A5B0009102	CTA09627	01/04/2005	17:53	MBLK

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C
A5B00091	A5B0009101	CTA09627	/ /			WC
A5B00091	A5B0009102	CTA09627	/ /			WC
A5B00091	A5B0009103	CTA25151	/ /			WC
A5B00091	A5B0009104	CTA25151	/ /			WC

****

****

Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction	C
A5B00091	A5B0009101	CTA09627	/ /			WC
A5B00091	A5B0009102	CTA09627	/ /			WC
A5B00091	A5B0009103	CTA25151	/ /			WC
A5B00091	A5B0009104	CTA25151	/ /			WC

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

Batch	Type	Status	Analyst	Start Date	End Date
A5B00091	WC	O	KW	01/04/2005	01/04/2005

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

		Current			Historical Results
Lab Sample	Test	Parameter	UM	Result	
A4C85701	CTA25151	Lno3no2	UG/G	1.0	Not Found
A4C85702	CTA25151	Lno3no2	UG/G	5.8	Not Found
A4C85703	CTA25151	Lno3no2	UG/G	2.2	Not Found
A4C89502RE	CTA09627	NITRATE	MG/L-N	0.35	Not Found
A5003801	CTA09627	NITRATE	MG/L-N	0.67	Not Found
A5003802	CTA09627	NITRATE	MG/L-N	0.17	Not Found

OK

****

ANALYTICAL REPORT

Job#: A05-0038

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base
Task: Griffiss AFB TF 1 and 3 Sampling

Mr. Gaby A. Atik
FPM Engineering Group, PC
153 Brooks Road
Rome, NY 13441

STL Buffalo

Mark A. Nemec
Project Manager

01/25/2005

CASE NARRATIVE

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5003803	100305LE	01/03/2005	08:30	01/04/2005	11:30
A5003802	TF3CE313LB	01/03/2005	10:51	01/04/2005	11:30
A5003801	TF3M12613LB	01/03/2005	10:00	01/04/2005	11:30

METHODS SUMMARY

Job#: A05-0038

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base

PARAMETER	ANALYTICAL METHOD
AFCEE - METHOD 8260 - VOLATILE ORGANICS	SW8463 8260-A98
Nitrate	MCAWW 353.2
Total Alkalinity	MCAWW 310.2

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-0038

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-0038
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Hexachlorobutadiene was detected in the Method Blank VBLK17 (A5B0027002) at a level between the MDL and the CDL. All associated samples were qualified with "B." No corrective action is neccessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Chlromethane exhibited percent difference greater than 20% but less than 30% in the Continuing Calibration Verifications (CCVS) A5C0002379 and A5C0002392. No corrective action was taken, this analyte may exhibit percent difference greater than 20% yet less than 30% difference according to variances to the AFCEE QAPP.

The Instrument Performance Check compound Bromofluorobenzene (BFB) required manual identification for the Tunes A4T0003621.

The analytes Dichlorodifluoromethane, Chloromethane, and Vinyl Chloride required manual integration in the initial calibration A4I0001243.

Initial calibration standard curve A4I0001243 exhibited the %RSD of the compounds Bromomethane, Methylene Chloride, Carbon Disulfide, 1,1-Dichloroethene and Iodomethane as greater than 15%. However, the mean RSD of all compounds is 6.43%.

The analyte Chloromethane required manual integration in the Matrix Spike Blanks MSB16 (A5B0023201) and MSB17 (A5B0027001).

All samples were preserved to a pH less than 2.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 01/25/2005
Time: 12:18:47

Dilution Log w/Code Information
For Job A05-0038

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TF3M12613LB	A5003801	Total Alkalinity	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Chain of Custody

USACE
CHAIN OF CUSTODY RECORD (AC)

COC#: _1_ SDG#: _89_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB TF 1 and 3 Sampling Sampler Name: Jake Pratt	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441 Phone: (315) 336-7721 Ext. 205
Carrier: STL courier.	Sampler Signature:	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOC note 1 40 mL vials (HCl)	SVOCs note 2 1 L amber	Total Alkalinity note 3 (zero headspace)	Nitrogen (Nitrate) note 4 16 oz poly	Total Sulfide Note 5 16 oz poly (ZnAC and NaOH)	Comments
TF3M12613LB	WL-TF3MW-126	1/3	1000	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3CE313LB	MW-CE	1/3	1051	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
100305LE	FIELDQC	1/3	0830	WG	B	0/0	EB	HCl	Unf.	5	3	-	1	1	-	

Collect water levels at all wells that are not sampled.

Sample Condition Upon Receipt at Laboratory: Cooler Temperature: 2.0°C

Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1
Note 1: VOCs: SW8260, AFCEE QAPP 3.1 List.
Note 2: SVOCs: SW8270, AFCEE QAPP 3.1 List.
Note 3: Total Alkalinity, 310.2.
Note 4: Nitrogen: 353.2, Nitrate: Automated.
Note 5: Total Sulfide: 376.2.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 1/3/05	#3 Released by: (Sig) R. English	Date: 1/3/05
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1700	Company Name: STL	Time 1815
#1 Received by: (Sig) Niels van Hoesel	Date: 12/2/04	#2 Received by: (Sig) R. English	Date 1/3/05	#3 Received by: (Sig)	Date 01/04/05
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 1700	Company Name: STL	Time: 1130

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

METHOD 8260 DATA

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
100305LE	A5003803
TF3CE313LB	A5003802

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/6/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	87	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2647902	1228596 - 4914384	
CHLOROBENZENE-d5	994757	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	741939	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	3.4	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.37	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	3.4	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.71	1.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	2.9	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	1.7	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	0.46	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	87	76 - 119	
1,2-DICHLOROETHANE-d4	93	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2687876	1228596 - 4914384	
CHLOROBENZENE-d5	1052307	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	785976	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.340	100.0	0.337	250.0	0.325	500.0	0.326	1000.0	0.368	5.100	
BROMOMETHANE	12.5	0.164	100.0	0.141	250.0	0.125	500.0	0.118	1000.0	0.108	16.700	
VINYL CHLORIDE	12.5	0.279	100.0	0.281	250.0	0.266	500.0	0.276	1000.0	0.291	3.300	
BROMOCHLOROMETHANE	12.5	0.106	100.0	0.103	250.0	0.107	500.0	0.105	1000.0	0.103	1.600	
CHLOROETHANE	12.5	0.142	100.0	0.146	250.0	0.137	500.0	0.141	1000.0	0.144	2.400	
METHYLENE CHLORIDE	12.5	0.451	100.0	0.292	250.0	0.280	500.0	0.280	1000.0	0.270	24.300	
ACETONE	62.5	0.036	500.0	0.032	1250.0	0.030	2500.0	0.029	5000.0	0.038	11.600	
1,1-DICHLOROETHENE	12.5	0.204	100.0	0.196	250.0	0.195	500.0	0.188	1000.0	0.274	16.600	
1,1-DICHLOROETHANE	12.5	0.672	100.0	0.665	250.0	0.681	500.0	0.676	1000.0	0.673	0.900	
1-CHLOROHEXANE	12.5	0.842	100.0	1.119	250.0	1.088	500.0	1.108	1000.0	1.148	11.700	
cis-1,2-DICHLOROETHYLENE	12.5	0.329	100.0	0.325	250.0	0.339	500.0	0.342	1000.0	0.343	2.300	
trans-1,2-DICHLOROETHENE	12.5	0.311	100.0	0.319	250.0	0.322	500.0	0.324	1000.0	0.329	2.000	
CHLOROFORM	12.5	0.604	100.0	0.528	250.0	0.535	500.0	0.534	1000.0	0.530	5.900	
1,2-DICHLOROETHANE	12.5	0.314	100.0	0.313	250.0	0.325	500.0	0.323	1000.0	0.319	1.600	
METHYL ETHYL KETONE (2-BUTA	62.5	0.067	500.0	0.064	1250.0	0.066	2500.0	0.065	5000.0	0.062	2.900	
1,1,1-TRICHLOROETHANE	12.5	0.449	100.0	0.459	250.0	0.469	500.0	0.471	1000.0	0.476	2.300	
CARBON TETRACHLORIDE	12.5	0.365	100.0	0.374	250.0	0.389	500.0	0.400	1000.0	0.411	4.800	
BROMODICHLOROMETHANE	12.5	0.335	100.0	0.335	250.0	0.346	500.0	0.348	1000.0	0.347	2.000	
1,2-DICHLOROPROPANE	12.5	0.349	100.0	0.338	250.0	0.351	500.0	0.347	1000.0	0.328	2.700	
cis-1,3-DICHLOROPROPENE	12.5	0.365	100.0	0.400	250.0	0.425	500.0	0.428	1000.0	0.429	6.700	
TRICHLOROETHYLENE (TCE)	12.5	0.300	100.0	0.310	250.0	0.320	500.0	0.324	1000.0	0.326	3.400	
DIBROMOCHLOROMETHANE	12.5	0.448	100.0	0.438	250.0	0.467	500.0	0.467	1000.0	0.475	3.300	
1,1,2-TRICHLOROETHANE	12.5	0.131	100.0	0.129	250.0	0.135	500.0	0.132	1000.0	0.130	1.600	
BENZENE	12.5	1.249	100.0	1.267	250.0	1.297	500.0	1.280	1000.0	1.167	4.000	
trans-1,3-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
BROMOFORM	12.5	0.196	100.0	0.201	250.0	0.219	500.0	0.224	1000.0	0.225	6.400	
METHYL ISOBUTYL KETONE (4-M	62.5	0.462	500.0	0.471	1250.0	0.506	2500.0	0.489	5000.0	0.465	3.900	
TETRACHLOROETHYLENE(PCE)	12.5	0.778	100.0	0.800	250.0	0.807	500.0	0.822	1000.0	0.870	4.200	
1,1,2,2-TETRACHLOROETHANE	12.5	0.483	100.0	0.492	250.0	0.510	500.0	0.487	1000.0	0.475	2.700	
TOLUENE	12.5	0.745	100.0	0.768	250.0	0.794	500.0	0.801	1000.0	0.793	3.000	
CHLOROBENZENE	12.5	2.212	100.0	2.117	250.0	2.152	500.0	2.145	1000.0	2.135	1.700	
ETHYLBENZENE	12.5	3.588	100.0	3.757	250.0	3.838	500.0	3.733	1000.0	3.287	6.000	
STYRENE	12.5	1.928	100.0	2.199	250.0	2.317	500.0	2.275	1000.0	2.081	7.300	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A410001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
1,1,1,2-TETRACHLOROETHANE	12.5	0.642	100.0	0.651	250.0	0.684	500.0	0.685	1000.0	0.693	3.400	
1,1-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
1,2,3-TRICHLOROBENZENE	12.5	0.864	100.0	0.711	250.0	0.730	500.0	0.703	1000.0	0.703	9.300	
1,2,3-TRICHLOROPROPANE	12.5	0.147	100.0	0.138	250.0	0.143	500.0	0.137	1000.0	0.135	3.400	
1,2,4-TRICHLOROBENZENE	12.5	0.985	100.0	0.924	250.0	0.949	500.0	0.940	1000.0	0.953	2.400	
1,2,4-TRIMETHYLBENZENE	12.5	3.294	100.0	3.593	250.0	3.665	500.0	3.678	1000.0	3.445	4.600	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.085	100.0	0.068	250.0	0.067	500.0	0.065	1000.0	0.062	12.700	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.355	100.0	0.350	250.0	0.364	500.0	0.359	1000.0	0.355	1.500	
1,2-DICHLOROBENZENE	12.5	1.650	100.0	1.546	250.0	1.604	500.0	1.571	1000.0	1.580	2.500	
1,3,5-TRIMETHYLBENZENE (MES	12.5	3.345	100.0	3.578	250.0	3.686	500.0	3.686	1000.0	3.475	4.100	
1,3-DICHLOROBENZENE	12.5	2.077	100.0	1.965	250.0	1.997	500.0	2.003	1000.0	2.021	2.000	
1,3-DICHLOROPROPANE	12.5	0.724	100.0	0.733	250.0	0.769	500.0	0.756	1000.0	0.745	2.400	
1,4-DICHLOROBENZENE	12.5	2.099	100.0	1.891	250.0	1.920	500.0	1.909	1000.0	1.927	4.400	
2,2-DICHLOROPROPANE	12.5	0.407	100.0	0.436	250.0	0.459	500.0	0.473	1000.0	0.485	6.900	
2-CHLOROTOLUENE	12.5	1.013	100.0	1.055	250.0	1.069	500.0	1.088	1000.0	1.124	3.800	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	3.563	100.0	4.020	250.0	4.202	500.0	4.158	1000.0	3.797	6.800	
BROMOBENZENE	12.5	0.886	100.0	0.889	250.0	0.898	500.0	0.893	1000.0	0.922	1.600	
DIBROMOMETHANE	12.5	0.110	100.0	0.100	250.0	0.105	500.0	0.102	1000.0	0.100	4.000	
DICHLORODIFLUOROMETHANE	12.5	0.286	100.0	0.305	250.0	0.285	500.0	0.304	1000.0	0.305	3.500	
NAPHTHALENE	12.5	1.273	100.0	1.236	250.0	1.300	500.0	1.275	1000.0	1.229	2.300	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	1.231	100.0	1.370	250.0	1.419	500.0	1.417	1000.0	1.336	5.700	
TRICHLOROFLUOROMETHANE	12.5	0.390	100.0	0.404	250.0	0.373	500.0	0.384	1000.0	0.398	3.200	
n-BUTYLBENZENE	12.5	3.213	100.0	3.617	250.0	3.728	500.0	3.668	1000.0	3.413	6.000	
n-PROPYLBENZENE	12.5	5.177	100.0	5.480	250.0	5.544	500.0	5.273	1000.0	4.589	7.300	
4-CHLOROTOLUENE	12.5	1.064	100.0	1.073	250.0	1.116	500.0	1.116	1000.0	1.148	3.100	
SEC-BUTYLBENZENE	12.5	4.090	100.0	4.482	250.0	4.637	500.0	4.513	1000.0	4.107	5.800	
tert-BUTYL METHYL ETHER	12.5	0.490	100.0	0.487	250.0	0.531	500.0	0.525	1000.0	0.500	4.000	
t-BUTYLBENZENE	12.5	0.712	100.0	0.799	250.0	0.842	500.0	0.841	1000.0	0.867	7.500	
HEXACHLOROBUTADIENE	12.5	0.740	100.0	0.561	250.0	0.559	500.0	0.539	1000.0	0.556	14.200	
ISOPROPYLBENZENE (CUMENE)	12.5	3.877	100.0	4.384	250.0	4.558	500.0	4.485	1000.0	4.093	6.700	
M,P-XYLENE(SUM OF ISOMERS)	25.0	1.359	200.0	1.443	500.0	1.496	1000.0	1.471	2000.0	1.329	5.100	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

AFCEE 25ml Aut 1243

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	----------ISTD----------						
2)	TM	C290	Dichlorodifluor	0.286	0.305	0.285	0.304	0.305	0.297	3.50
3)	TM	C010	Chloromethane	0.340	0.337	0.325	0.326	0.368	0.339	5.08
4)	TM	C020	Vinyl chloride	0.279	0.281	0.266	0.276	0.291	0.279	3.27
5)	TM	C015	Bromomethane	0.164	0.141	0.125	0.118	0.108	0.131	16.69
6)	TM	C025	Chloroethane	0.142	0.146	0.137	0.141	0.144	0.142	2.38
7)	TM	C275	Trichlorofluoro	0.390	0.404	0.372	0.384	0.398	0.390	3.17
8)	T	C291	1,1,2-Trichloro	0.187	0.186	0.196	0.194	0.243	0.201	11.83
9)	TM	C045	1,1-Dichloroeth	0.204	0.196	0.195	0.188	0.274	0.211	16.63
10)	T	C255	Methyl Acetate	0.124	0.111	0.110	0.109	0.151	0.121	14.68
11)	TM	C030	Methylene chlor	0.451	0.292	0.280	0.280	0.270	0.315	24.34
12)	TM	C040	Carbon disulfid	0.660	0.628	0.641	0.626	0.950	0.701	19.96
13)	T	C036	Acrolein	0.012	0.011	0.012	0.012	0.012	0.012	2.31
14)	TM	C038	Acrylonitrile	0.054	0.051	0.054	0.053	0.050	0.053	4.07
15)	TM	C035	Acetone	0.036	0.032	0.030	0.029	0.037	0.033	11.51
16)	T	C300	Acetonitrile	0.013	0.011	0.011	0.011	0.017	0.013	20.70
17)	TM	C276	Iodomethane	0.176	0.199	0.218	0.247	0.298	0.227	20.76
18)	TM	C962	T-butyl Methyl	0.490	0.487	0.531	0.525	0.500	0.507	3.97
19)	TM	C057	trans-1,2-Dichl	0.311	0.319	0.322	0.324	0.329	0.321	2.05
20)	TM	C050	1,1-Dichloroeth	0.672	0.665	0.681	0.676	0.672	0.673	0.86
21)	TM	C125	Vinyl Acetate	0.402	0.426	0.454	0.413	0.327	0.404	11.72
22)	TM	C051	2,2-Dichloropro	0.406	0.435	0.459	0.473	0.485	0.452	6.92
23)	TM	C056	cis-1,2-Dichlor	0.329	0.325	0.339	0.342	0.343	0.335	2.34
24)	T	C272	Tetrahydrofuran	0.042	0.040	0.043	0.042	0.040	0.041	3.10
25)	TM	C222	Bromochlorometh	0.106	0.103	0.107	0.105	0.103	0.104	1.62
26)	TM	C060	Chloroform	0.604	0.528	0.535	0.534	0.530	0.546	5.92
27)	T	C256	Cyclohexane	0.561	0.615	0.692	0.706	0.718	0.658	10.24
28)	S	CS87	Dibromofluoromt	0.245	0.241	0.210	0.234	0.244	0.235	6.20
29)	TM	C115	1,1,1-Trichloro	0.449	0.459	0.469	0.471	0.476	0.465	2.31
30)	TM	C120	Carbon tetrachl	0.365	0.374	0.389	0.400	0.411	0.388	4.84
31)	TM	C116	1,1-Dichloropro	0.267	0.297	0.322	0.322	0.321	0.306	7.87
32)	S	CS15	1,2-Dichloroeth	0.232	0.221	0.184	0.208	0.209	0.211	8.54
33)	TM	C165	Benzene	1.249	1.267	1.297	1.280	1.167	1.252	4.03
34)	TM	C065	1,2-Dichloroeth	0.314	0.313	0.325	0.323	0.319	0.319	1.65
35)	TM	C110	2-Butanone	0.067	0.064	0.066	0.065	0.062	0.065	2.91
36)	TM	C150	Trichloroethene	0.300	0.310	0.319	0.324	0.326	0.316	3.44
37)	TM	C140	1,2-Dichloropro	0.349	0.338	0.351	0.347	0.328	0.343	2.75
38)	TM	C278	Dibromomethane	0.110	0.100	0.105	0.102	0.100	0.103	3.98
39)	T	C012	Methylcyclohexa	0.435	0.494	0.565	0.574	0.561	0.526	11.37
40)	TM	C130	Bromodichlorome	0.335	0.335	0.346	0.348	0.347	0.342	1.97
41)	T	C161	2-Chloroethylvi	0.073	0.087	0.099	0.101	0.099	0.092	12.88
42)	TM	C230	Toluene	0.745	0.768	0.794	0.801	0.793	0.780	2.99
43)	TM	C170	trans-1,3-Dichl	0.267	0.297	0.322	0.322	0.321	0.306	7.87

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
44)	TM	C160	1,1,2-Trichloro	0.131	0.129	0.135	0.132	0.130	0.131	1.66
45)	TM	C145	cis-1,3-Dichlor	0.365	0.400	0.425	0.428	0.429	0.410	6.68
46)	I	CI20	Chlorobenzene-D	ISTD						
47)	S	CS05	Toluene-D8	2.707	2.715	2.450	2.683	2.637	2.638	4.16
48)	T	C284	Ethyl Methacryl	0.399	0.496	0.548	0.558	0.551	0.510	13.10
49)	TM	C220	Tetrachloroethe	0.778	0.800	0.807	0.822	0.870	0.816	4.23
50)	TM	C221	1,3-Dichloropro	0.724	0.733	0.769	0.756	0.745	0.746	2.41
51)	TM	C155	Dibromochlorome	0.448	0.438	0.467	0.467	0.475	0.459	3.34
52)	TM	C163	1,2-Dibromoetha	0.355	0.350	0.364	0.359	0.355	0.357	1.50
53)	TM	C215	2-Hexanone	0.219	0.244	0.266	0.260	0.240	0.246	7.45
54)	TM	C235	Chlorobenzene	2.212	2.117	2.152	2.145	2.135	2.152	1.68
55)	TM	D001	1-Chlorohexane	0.842	1.119	1.088	1.108	1.148	1.061	11.73
56)	TM	C281	1,1,1,2-Tetrach	0.642	0.651	0.684	0.685	0.693	0.671	3.41
57)	TM	C240	Ethylbenzene	3.588	3.757	3.838	3.733	3.287	3.641	5.97
58)	TM	C246	m,p-Xylene	1.359	1.443	1.496	1.471	1.329	1.420	5.08
59)	TM	C247	o-Xylene	1.231	1.370	1.419	1.417	1.336	1.355	5.69
60)	TM	C245	Styrene	1.927	2.199	2.317	2.275	2.081	2.160	7.30
61)	TM	C180	Bromoform	0.196	0.201	0.219	0.224	0.225	0.213	6.37
62)	S	CS10	p-Bromofluorobe	0.657	0.666	0.640	0.691	0.715	0.674	4.39
63)	I	CI30	1,4-Dichloroben	ISTD						
64)	TM	C210	4-Methyl-2-pent	0.462	0.471	0.506	0.489	0.465	0.478	3.89
65)	TM	C966	Isopropylbenzen	3.876	4.384	4.557	4.485	4.093	4.279	6.69
66)	TM	C301	Bromobenzene	0.886	0.889	0.898	0.893	0.922	0.898	1.60
67)	TM	C225	1,1,2,2-Tetrach	0.483	0.492	0.510	0.487	0.475	0.489	2.71
68)	TM	C282	1,2,3-Trichloro	0.147	0.138	0.143	0.137	0.135	0.140	3.39
69)	TM	C283	t-1,4-Dichloro-	0.157	0.162	0.177	0.178	0.175	0.170	5.71
70)	TM	C302	n-Propylbenzene	5.177	5.480	5.543	5.273	4.589	5.212	7.27
71)	TM	C303	2-Chlorotoluene	1.013	1.055	1.069	1.088	1.124	1.070	3.80
72)	TM	C289	4-Chlorotoluene	1.064	1.073	1.116	1.116	1.148	1.103	3.13
73)	TM	C304	1,3,5-Trimethyl	3.345	3.578	3.686	3.686	3.475	3.554	4.10
74)	TM	C306	tert-Butylbenze	0.712	0.799	0.842	0.841	0.867	0.812	7.51
75)	TM	C307	1,2,4-Trimethyl	3.294	3.593	3.665	3.678	3.445	3.535	4.62
76)	TM	C308	sec-Butylbenzen	4.090	4.482	4.637	4.513	4.107	4.366	5.75
77)	TM	C260	1,3-Dichloroben	2.077	1.965	1.997	2.003	2.021	2.012	2.05
78)	TM	C309	4-Isopropyltolu	3.563	4.019	4.202	4.158	3.797	3.948	6.76
79)	TM	C267	1,4-Dichloroben	2.099	1.891	1.920	1.909	1.927	1.949	4.36
80)	TM	C249	1,2-Dichloroben	1.650	1.546	1.604	1.571	1.580	1.590	2.47
81)	TM	C310	n-Butylbenzene	3.213	3.617	3.728	3.668	3.413	3.528	6.01
82)	TM	C286	1,2-Dibromo-3-C	0.084	0.068	0.067	0.065	0.062	0.069	12.65
83)	TM	C313	1,2,4-Trichloro	0.985	0.924	0.949	0.940	0.953	0.950	2.37
84)	TM	C316	Hexachlorobutad	0.740	0.561	0.559	0.539	0.555	0.591	14.20
85)	TM	C314	Naphthalene	1.273	1.236	1.300	1.275	1.229	1.262	2.33

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

Compound	1	2	3	4	5	Avg	%RSD
86) TM C934 1,2,3-Trichloro	0.864	0.711	0.730	0.703	0.703	0.742	9.28

Total Average %RSD 6.43

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002379 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	237	-5.2	250.00	179	-28.4			*
BROMOMETHANE	250.00	262	4.8	250.00	211	-15.6			
VINYL CHLORIDE	250.00	258	3.2	250.00	226	-9.6			
BROMOCHLOROMETHANE	250.00	256	2.4	250.00	250	0.0			
CHLOROETHANE	250.00	268	7.2	250.00	231	-7.6			
METHYLENE CHLORIDE	250.00	225	-10.0	250.00	208	-16.8			
ACETONE	1250.00	1120	-10.4	1250.00	1060	-15.2			
1,1-DICHLOROETHENE	250.00	260	4.0	250.00	222	-11.2			
1,1-DICHLOROETHANE	250.00	252	0.8	250.00	234	-6.4			
1-CHLOROHEXANE	250.00	267	6.8	250.00	254	1.6			
cis-1,2-DICHLOROETHYLENE	250.00	251	0.4	250.00	242	-3.2			
trans-1,2-DICHLOROETHENE	250.00	265	6.0	250.00	252	0.8			
CHLOROFORM	250.00	247	-1.2	250.00	238	-4.8			
1,2-DICHLOROETHANE	250.00	250	0.0	250.00	240	-4.0			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1180	-5.6	1250.00	1160	-7.2			
1,1,1-TRICHLOROETHANE	250.00	257	2.8	250.00	246	-1.6			
CARBON TETRACHLORIDE	250.00	261	4.4	250.00	246	-1.6			
BROMODICHLOROMETHANE	250.00	249	-0.4	250.00	240	-4.0			
1,2-DICHLOROPROPANE	250.00	251	0.4	250.00	234	-6.4			
cis-1,3-DICHLOROPROPENE	250.00	257	2.8	250.00	247	-1.2			
TRICHLOROETHYLENE (TCE)	250.00	260	4.0	250.00	248	-0.8			
DIBROMOCHLOROMETHANE	250.00	247	-1.2	250.00	245	-2.0			
1,1,2-TRICHLOROETHANE	250.00	251	0.4	250.00	245	-2.0			
BENZENE	250.00	264	5.6	250.00	249	-0.4			
trans-1,3-DICHLOROPROPENE	250.00	260	4.0	250.00	246	-1.6			
BROMOFORM	250.00	255	2.0	250.00	243	-2.8			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1220	-2.4	1250.00	1250	0.0			
TETRACHLOROETHYLENE(PCE)	250.00	259	3.6	250.00	243	-2.8			
1,1,2,2-TETRACHLOROETHANE	250.00	251	0.4	250.00	252	0.8			
TOLUENE	250.00	258	3.2	250.00	245	-2.0			
CHLOROBENZENE	250.00	253	1.2	250.00	243	-2.8			

OK see comments JJ 1/21/05

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002379 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ETHYLBENZENE	250.00	272	8.8	250.00	258	3.2			
STYRENE	250.00	269	7.6	250.00	257	2.8			
1,1,1,2-TETRACHLOROETHANE	250.00	256	2.4	250.00	249	-0.4			
1,1-DICHLOROPROPENE	250.00	260	4.0	250.00	246	-1.6			
1,2,3-TRICHLOROBENZENE	250.00	238	-4.8	250.00	239	-4.4			
1,2,3-TRICHLOROPROPANE	250.00	248	-0.8	250.00	253	1.2			
1,2,4-TRICHLOROBENZENE	250.00	250	0.0	250.00	248	-0.8			
1,2,4-TRIMETHYLBENZENE	250.00	271	8.4	250.00	260	4.0			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	234	-6.4	250.00	231	-7.6			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	249	-0.4	250.00	253	1.2			
1,2-DICHLOROBENZENE	250.00	249	-0.4	250.00	245	-2.0			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	267	6.8	250.00	259	3.6			
1,3-DICHLOROBENZENE	250.00	249	-0.4	250.00	243	-2.8			
1,3-DICHLOROPROPANE	250.00	258	3.2	250.00	252	0.8			
1,4-DICHLOROBENZENE	250.00	252	0.8	250.00	244	-2.4			
2,2-DICHLOROPROPANE	250.00	269	7.6	250.00	250	0.0			
2-CHLOROTOLUENE	250.00	266	6.4	250.00	256	2.4			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	265	6.0	250.00	251	0.4			
BROMOBENZENE	250.00	253	1.2	250.00	252	0.8			
DIBROMOMETHANE	250.00	248	-0.8	250.00	240	-4.0			
DICHLORODIFLUOROMETHANE	250.00	217	-13.2	250.00	207	-17.2			
NAPHTHALENE	250.00	247	-1.2	250.00	247	-1.2			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	267	6.8	250.00	252	0.8			
TRICHLOROFLUOROMETHANE	250.00	275	10.0	250.00	237	-5.2			
n-BUTYLBENZENE	250.00	276	10.4	250.00	262	4.8			
n-PROPYLBENZENE	250.00	274	9.6	250.00	263	5.2			
4-CHLOROTOLUENE	250.00	261	4.4	250.00	250	0.0			
SEC-BUTYLBENZENE	250.00	285	14.0	250.00	272	8.8			
tert-BUTYL METHYL ETHER	250.00	243	-2.8	250.00	240	-4.0			
t-BUTYLBENZENE	250.00	269	7.6	250.00	256	2.4			
HEXACHLOROBUTADIENE	250.00	237	-5.2	250.00	227	-9.2			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002379 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ISOPROPYLBENZENE (CUMENE)	250.00	257	2.8	250.00	248	-0.8			
M,P-XYLENE(SUM OF ISOMERS)	500.00	536	7.2	500.00	507	1.4			

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

SPCC #1 ID: A4I0001243 SPCC #2 ID: A5C0002379 SPCC #3 ID: _____

CCC #1 ID: A5C0002379 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.3390	0.1000	0.2429	0.1000									
VINYL CHLORIDE							250.00	226	9.6				
1,1-DICHLOROETHENE							250.00	222	11.2				
1,1-DICHLOROETHANE	0.6730	0.1000	0.6290	0.1000									
CHLOROFORM							250.00	238	4.8				
1,2-DICHLOROPROPANE							250.00	234	6.4				
BROMOFORM	0.2130	0.1000	0.2070	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.4890	0.3000	0.4929	0.3000									
TOLUENE							250.00	245	2.0				
CHLOROBENZENE	2.1520	0.3000	2.0928	0.3000									
ETHYLBENZENE							250.00	258	3.2				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0023202

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.16	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0023202

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.23	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98
AAB #: A5B00232
Lab Name: STL Buffalo
Contract #: _____
Concentration Units (ug/L or mg/kg): UG/L
Method Blank ID: A5B0023202
Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	101	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	87	76 - 119	
1,2-DICHLOROETHANE-d4	86	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2450698	1228596 - 4914384	
CHLOROBENZENE-d5	868039	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	599058	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0023201 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	42.3	85	40 - 135	
BENZENE	10.0	9.35	94	81 - 122	
BROMOBENZENE	10.0	9.51	95	76 - 124	
BROMOCHLOROMETHANE	10.0	9.19	92	65 - 129	
BROMODICHLOROMETHANE	10.0	9.19	92	76 - 121	
BROMOFORM	10.0	9.16	92	69 - 128	
BROMOMETHANE	10.0	8.48	85	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	46.6	93	49 - 136	
n-BUTYLBENZENE	10.0	10.1	102	69 - 137	
SEC-BUTYLBENZENE	10.0	10.1	102	72 - 127	
t-BUTYLBENZENE	10.0	9.82	98	70 - 129	
CARBON TETRACHLORIDE	10.0	9.36	94	66 - 138	
CHLOROBENZENE	10.0	9.27	93	81 - 122	
CHLOROETHANE	10.0	8.93	89	58 - 133	
CHLOROFORM	10.0	8.96	90	69 - 128	
CHLOROMETHANE	10.0	7.55	76	56 - 131	
2-CHLOROTOLUENE	10.0	9.52	95	73 - 126	
4-CHLOROTOLUENE	10.0	9.52	95	74 - 128	
DIBROMOCHLOROMETHANE	10.0	9.16	92	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	8.94	89	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	9.47	95	80 - 121	
DIBROMOMETHANE	10.0	9.08	91	76 - 125	
1,2-DICHLOROBENZENE	10.0	9.45	94	71 - 122	
1,3-DICHLOROBENZENE	10.0	9.38	94	75 - 124	
1,4-DICHLOROBENZENE	10.0	9.24	92	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	9.25	92	53 - 153	
1,1-DICHLOROETHANE	10.0	8.99	90	69 - 133	
1,2-DICHLOROETHANE	10.0	9.07	91	69 - 132	
1,1-DICHLOROETHENE	10.0	8.10	81	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	9.26	93	72 - 126	
trans-1,2-DICHLOROETHENE	10.0	9.17	92	63 - 137	
1,2-DICHLOROPROPANE	10.0	8.99	90	75 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0023201 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DICHLOROPROPANE	10.0	9.37	94	73 - 126	
2,2-DICHLOROPROPANE	10.0	9.62	96	69 - 137	
1,1-DICHLOROPROPENE	10.0	9.36	94	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	9.27	93	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	9.36	94	59 - 135	
ETHYLBENZENE	10.0	9.91	99	73 - 127	
HEXACHLOROBUTADIENE	10.0	8.92	89	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	10.2	103	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	10.1	101	73 - 130	
METHYLENE CHLORIDE	10.0	8.01	80	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	49.7	100	58 - 134	
NAPHTHALENE	10.0	9.57	96	54 - 138	
n-PROPYLBENZENE	10.0	10.2	102	72 - 129	
STYRENE	10.0	9.80	98	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	9.41	94	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	9.57	96	63 - 128	
TETRACHLOROETHYLENE(PCE)	10.0	9.31	93	66 - 128	
TOLUENE	10.0	9.32	93	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	9.23	92	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	9.50	95	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	9.42	94	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	9.23	92	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	9.39	94	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	9.51	95	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	9.46	95	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	9.94	99	74 - 132	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	10.0	100	74 - 131	
VINYL CHLORIDE	10.0	9.07	91	50 - 134	
tert-BUTYL METHYL ETHER	10.0	9.38	94	65 - 123	
1-CHLOROHEXANE	10.0	9.13	91	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	9.65	96	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	19.3	97	76 - 128	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0023201 Units: UG/L

Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	82	72 - 119	
DIBROMOFLUOROMETHANE	86	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2705830	1228596 - 4914384	
CHLOROBENZENE-d5	1022091	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	786914	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98 AAB#: A5B00232

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
100305LE	03-Jan-2005	04-Jan-2005	6-Jan-2005	14.00	3.00	6-Jan-2005	14.00	3.00	
TF3CE313LB	03-Jan-2005	04-Jan-2005	6-Jan-2005	14.00	3.00	6-Jan-2005	14.00	3.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B00232

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973Q

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0002379	06-Jan-2005	0954	06-Jan-2005	1026
MSB16	06-Jan-2005	1027	06-Jan-2005	1237
VBLK16	06-Jan-2005	1238	06-Jan-2005	1310
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1311	06-Jan-2005	1344
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1345	06-Jan-2005	1417
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1418	06-Jan-2005	1450
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1451	06-Jan-2005	1523
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1524	06-Jan-2005	1557
TF3CE313LB	06-Jan-2005	1558	06-Jan-2005	1630
100305LE	06-Jan-2005	1631	06-Jan-2005	1703
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	1704	06-Jan-2005	1736

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 29-Dec-2004 12:06

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.9	
75	30.0 - 60.0% of mass 95	50.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	72.3	
175	5.0 - 9.0% of mass 174	4.9 (6.8) 1	
176	95.0 - 101.0% of mass 174	69.3 (95.8) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.9) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	29-Dec-2004	1235
VSTD020	29-Dec-2004	1308
VSTD010	29-Dec-2004	1341
VSTD004	29-Dec-2004	1414
VSTD0.5	29-Dec-2004	1448
VSTD010	29-Dec-2004	1901

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00232

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 6-Jan-2005 08:29

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.0	
75	30.0 - 60.0% of mass 95	44.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.2 (0.3) 1	
174	50 - 120 % of mass 95	75.9	
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1	
176	95.0 - 101.0% of mass 174	72.6 (95.6) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	06-Jan-2005	0954
MSB16	06-Jan-2005	1027
VBLK16	06-Jan-2005	1238
TF3CE313LB	06-Jan-2005	1558
100305LE	06-Jan-2005	1631

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
TF3M12613LB	A5003801

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: _____ Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A410001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.340	100.0	0.337	250.0	0.325	500.0	0.326	1000.0	0.368	5.100	
BROMOMETHANE	12.5	0.164	100.0	0.141	250.0	0.125	500.0	0.118	1000.0	0.108	16.700	
VINYL CHLORIDE	12.5	0.279	100.0	0.281	250.0	0.266	500.0	0.276	1000.0	0.291	3.300	
BROMOCHLOROMETHANE	12.5	0.106	100.0	0.103	250.0	0.107	500.0	0.105	1000.0	0.103	1.600	
CHLOROETHANE	12.5	0.142	100.0	0.146	250.0	0.137	500.0	0.141	1000.0	0.144	2.400	
METHYLENE CHLORIDE	12.5	0.451	100.0	0.292	250.0	0.280	500.0	0.280	1000.0	0.270	24.300	
ACETONE	62.5	0.036	500.0	0.032	1250.0	0.030	2500.0	0.029	5000.0	0.038	11.600	
1,1-DICHLOROETHENE	12.5	0.204	100.0	0.196	250.0	0.195	500.0	0.188	1000.0	0.274	16.600	
1,1-DICHLOROETHANE	12.5	0.672	100.0	0.665	250.0	0.681	500.0	0.676	1000.0	0.673	0.900	
1-CHLOROHEXANE	12.5	0.842	100.0	1.119	250.0	1.088	500.0	1.108	1000.0	1.148	11.700	
cis-1,2-DICHLOROETHYLENE	12.5	0.329	100.0	0.325	250.0	0.339	500.0	0.342	1000.0	0.343	2.300	
trans-1,2-DICHLOROETHENE	12.5	0.311	100.0	0.319	250.0	0.322	500.0	0.324	1000.0	0.329	2.000	
CHLOROFORM	12.5	0.604	100.0	0.528	250.0	0.535	500.0	0.534	1000.0	0.530	5.900	
1,2-DICHLOROETHANE	12.5	0.314	100.0	0.313	250.0	0.325	500.0	0.323	1000.0	0.319	1.600	
METHYL ETHYL KETONE (2-BUTA	62.5	0.067	500.0	0.064	1250.0	0.066	2500.0	0.065	5000.0	0.062	2.900	
1,1,1-TRICHLOROETHANE	12.5	0.449	100.0	0.459	250.0	0.469	500.0	0.471	1000.0	0.476	2.300	
CARBON TETRACHLORIDE	12.5	0.365	100.0	0.374	250.0	0.389	500.0	0.400	1000.0	0.411	4.800	
BROMODICHLOROMETHANE	12.5	0.335	100.0	0.335	250.0	0.346	500.0	0.348	1000.0	0.347	2.000	
1,2-DICHLOROPROPANE	12.5	0.349	100.0	0.338	250.0	0.351	500.0	0.347	1000.0	0.328	2.700	
cis-1,3-DICHLOROPROPENE	12.5	0.365	100.0	0.400	250.0	0.425	500.0	0.428	1000.0	0.429	6.700	
TRICHLOROETHYLENE (TCE)	12.5	0.300	100.0	0.310	250.0	0.320	500.0	0.324	1000.0	0.326	3.400	
DIBROMOCHLOROMETHANE	12.5	0.448	100.0	0.438	250.0	0.467	500.0	0.467	1000.0	0.475	3.300	
1,1,2-TRICHLOROETHANE	12.5	0.131	100.0	0.129	250.0	0.135	500.0	0.132	1000.0	0.130	1.600	
BENZENE	12.5	1.249	100.0	1.267	250.0	1.297	500.0	1.280	1000.0	1.167	4.000	
trans-1,3-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
BROMOFORM	12.5	0.196	100.0	0.201	250.0	0.219	500.0	0.224	1000.0	0.225	6.400	
METHYL ISOBUTYL KETONE (4-M	62.5	0.462	500.0	0.471	1250.0	0.506	2500.0	0.489	5000.0	0.465	3.900	
TETRACHLOROETHYLENE(PCE)	12.5	0.778	100.0	0.800	250.0	0.807	500.0	0.822	1000.0	0.870	4.200	
1,1,2,2-TETRACHLOROETHANE	12.5	0.483	100.0	0.492	250.0	0.510	500.0	0.487	1000.0	0.475	2.700	
TOLUENE	12.5	0.745	100.0	0.768	250.0	0.794	500.0	0.801	1000.0	0.793	3.000	
CHLOROBENZENE	12.5	2.212	100.0	2.117	250.0	2.152	500.0	2.145	1000.0	2.135	1.700	
ETHYLBENZENE	12.5	3.588	100.0	3.757	250.0	3.838	500.0	3.733	1000.0	3.287	6.000	
STYRENE	12.5	1.928	100.0	2.199	250.0	2.317	500.0	2.275	1000.0	2.081	7.300	

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: _____ Initial Calibration ID: A410001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	1.0	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.77	1.00	N/A	F
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.96	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: _____ Initial Calibration ID: A4I0001243

Date Received: 4-Jan-2005 Date Prepared: 6-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	85	76 - 119	
1,2-DICHLOROETHANE-d4	88	72 - 119	
DIBROMOFLUOROMETHANE	86	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2292785	1228596 - 4914384	
CHLOROBENZENE-d5	930007	473393 - 1893572	
1,4-DICHLOROBENZENE-d4	672312	374060 - 1496238	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A4I0001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
1,1,1,2-TETRACHLOROETHANE	12.5	0.642	100.0	0.651	250.0	0.684	500.0	0.685	1000.0	0.693	3.400	
1,1-DICHLOROPROPENE	12.5	0.267	100.0	0.297	250.0	0.322	500.0	0.322	1000.0	0.321	7.900	
1,2,3-TRICHLOROBENZENE	12.5	0.864	100.0	0.711	250.0	0.730	500.0	0.703	1000.0	0.703	9.300	
1,2,3-TRICHLOROPROPANE	12.5	0.147	100.0	0.138	250.0	0.143	500.0	0.137	1000.0	0.135	3.400	
1,2,4-TRICHLOROBENZENE	12.5	0.985	100.0	0.924	250.0	0.949	500.0	0.940	1000.0	0.953	2.400	
1,2,4-TRIMETHYLBENZENE	12.5	3.294	100.0	3.593	250.0	3.665	500.0	3.678	1000.0	3.445	4.600	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.085	100.0	0.068	250.0	0.067	500.0	0.065	1000.0	0.062	12.700	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.355	100.0	0.350	250.0	0.364	500.0	0.359	1000.0	0.355	1.500	
1,2-DICHLOROBENZENE	12.5	1.650	100.0	1.546	250.0	1.604	500.0	1.571	1000.0	1.580	2.500	
1,3,5-TRIMETHYLBENZENE (MES	12.5	3.345	100.0	3.578	250.0	3.686	500.0	3.686	1000.0	3.475	4.100	
1,3-DICHLOROBENZENE	12.5	2.077	100.0	1.965	250.0	1.997	500.0	2.003	1000.0	2.021	2.000	
1,3-DICHLOROPROPANE	12.5	0.724	100.0	0.733	250.0	0.769	500.0	0.756	1000.0	0.745	2.400	
1,4-DICHLOROBENZENE	12.5	2.099	100.0	1.891	250.0	1.920	500.0	1.909	1000.0	1.927	4.400	
2,2-DICHLOROPROPANE	12.5	0.407	100.0	0.436	250.0	0.459	500.0	0.473	1000.0	0.485	6.900	
2-CHLOROTOLUENE	12.5	1.013	100.0	1.055	250.0	1.069	500.0	1.088	1000.0	1.124	3.800	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	3.563	100.0	4.020	250.0	4.202	500.0	4.158	1000.0	3.797	6.800	
BROMOBENZENE	12.5	0.886	100.0	0.889	250.0	0.898	500.0	0.893	1000.0	0.922	1.600	
DIBROMOMETHANE	12.5	0.110	100.0	0.100	250.0	0.105	500.0	0.102	1000.0	0.100	4.000	
DICHLORODIFLUOROMETHANE	12.5	0.286	100.0	0.305	250.0	0.285	500.0	0.304	1000.0	0.305	3.500	
NAPHTHALENE	12.5	1.273	100.0	1.236	250.0	1.300	500.0	1.275	1000.0	1.229	2.300	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	1.231	100.0	1.370	250.0	1.419	500.0	1.417	1000.0	1.336	5.700	
TRICHLOROFLUOROMETHANE	12.5	0.390	100.0	0.404	250.0	0.373	500.0	0.384	1000.0	0.398	3.200	
n-BUTYLBENZENE	12.5	3.213	100.0	3.617	250.0	3.728	500.0	3.668	1000.0	3.413	6.000	
n-PROPYLBENZENE	12.5	5.177	100.0	5.480	250.0	5.544	500.0	5.273	1000.0	4.589	7.300	
4-CHLOROTOLUENE	12.5	1.064	100.0	1.073	250.0	1.116	500.0	1.116	1000.0	1.148	3.100	
SEC-BUTYLBENZENE	12.5	4.090	100.0	4.482	250.0	4.637	500.0	4.513	1000.0	4.107	5.800	
tert-BUTYL METHYL ETHER	12.5	0.490	100.0	0.487	250.0	0.531	500.0	0.525	1000.0	0.500	4.000	
t-BUTYLBENZENE	12.5	0.712	100.0	0.799	250.0	0.842	500.0	0.841	1000.0	0.867	7.500	
HEXACHLOROBUTADIENE	12.5	0.740	100.0	0.561	250.0	0.559	500.0	0.539	1000.0	0.556	14.200	
ISOPROPYLBENZENE (CUMENE)	12.5	3.877	100.0	4.384	250.0	4.558	500.0	4.485	1000.0	4.093	6.700	
M,P-XYLENE(SUM OF ISOMERS)	25.0	1.359	200.0	1.443	500.0	1.496	1000.0	1.471	2000.0	1.329	5.100	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

Calibration ID: A410001243 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

AFCEE 25mL Aut 1243

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	ISTD						
2)	TM	C290	Dichlorodifluor	0.286	0.305	0.285	0.304	0.305	0.297	3.50
3)	TM	C010	Chloromethane	0.340	0.337	0.325	0.326	0.368	0.339	5.08
4)	TM	C020	Vinyl chloride	0.279	0.281	0.266	0.276	0.291	0.279	3.27
5)	TM	C015	Bromomethane	0.164	0.141	0.125	0.118	0.108	0.131	16.69
6)	TM	C025	Chloroethane	0.142	0.146	0.137	0.141	0.144	0.142	2.38
7)	TM	C275	Trichlorofluoro	0.390	0.404	0.372	0.384	0.398	0.390	3.17
8)	T	C291	1,1,2-Trichloro	0.187	0.186	0.196	0.194	0.243	0.201	11.83
9)	TM	C045	1,1-Dichloroeth	0.204	0.196	0.195	0.188	0.274	0.211	16.63
10)	T	C255	Methyl Acetate	0.124	0.111	0.110	0.109	0.151	0.121	14.68
11)	TM	C030	Methylene chlor	0.451	0.292	0.280	0.280	0.270	0.315	24.34
12)	TM	C040	Carbon disulfid	0.660	0.628	0.641	0.626	0.950	0.701	19.96
13)	T	C036	Acrolein	0.012	0.011	0.012	0.012	0.012	0.012	2.31
14)	TM	C038	Acrylonitrile	0.054	0.051	0.054	0.053	0.050	0.053	4.07
15)	TM	C035	Acetone	0.036	0.032	0.030	0.029	0.037	0.033	11.51
16)	T	C300	Acetonitrile	0.013	0.011	0.011	0.011	0.017	0.013	20.70
17)	TM	C276	Iodomethane	0.176	0.199	0.218	0.247	0.298	0.227	20.76
18)	TM	C962	T-butyl Methyl	0.490	0.487	0.531	0.525	0.500	0.507	3.97
19)	TM	C057	trans-1,2-Dichl	0.311	0.319	0.322	0.324	0.329	0.321	2.05
20)	TM	C050	1,1-Dichloroeth	0.672	0.665	0.681	0.676	0.672	0.673	0.86
21)	TM	C125	Vinyl Acetate	0.402	0.426	0.454	0.413	0.327	0.404	11.72
22)	TM	C051	2,2-Dichloropro	0.406	0.435	0.459	0.473	0.485	0.452	6.92
23)	TM	C056	cis-1,2-Dichlor	0.329	0.325	0.339	0.342	0.343	0.335	2.34
24)	T	C272	Tetrahydrofuran	0.042	0.040	0.043	0.042	0.040	0.041	3.10
25)	TM	C222	Bromochlorometh	0.106	0.103	0.107	0.105	0.103	0.104	1.62
26)	TM	C060	Chloroform	0.604	0.528	0.535	0.534	0.530	0.546	5.92
27)	T	C256	Cyclohexane	0.561	0.615	0.692	0.706	0.718	0.658	10.24
28)	S	CS87	Dibromofluoromt	0.245	0.241	0.210	0.234	0.244	0.235	6.20
29)	TM	C115	1,1,1-Trichloro	0.449	0.459	0.469	0.471	0.476	0.465	2.31
30)	TM	C120	Carbon tetrachl	0.365	0.374	0.389	0.400	0.411	0.388	4.84
31)	TM	C116	1,1-Dichloropro	0.267	0.297	0.322	0.322	0.321	0.306	7.87
32)	S	CS15	1,2-Dichloroeth	0.232	0.221	0.184	0.208	0.209	0.211	8.54
33)	TM	C165	Benzene	1.249	1.267	1.297	1.280	1.167	1.252	4.03
34)	TM	C065	1,2-Dichloroeth	0.314	0.313	0.325	0.323	0.319	0.319	1.65
35)	TM	C110	2-Butanone	0.067	0.064	0.066	0.065	0.062	0.065	2.91
36)	TM	C150	Trichloroethene	0.300	0.310	0.319	0.324	0.326	0.316	3.44
37)	TM	C140	1,2-Dichloropro	0.349	0.338	0.351	0.347	0.328	0.343	2.75
38)	TM	C278	Dibromomethane	0.110	0.100	0.105	0.102	0.100	0.103	3.98
39)	T	C012	Methylcyclohexa	0.435	0.494	0.565	0.574	0.561	0.526	11.37
40)	TM	C130	Bromodichlorome	0.335	0.335	0.346	0.348	0.347	0.342	1.97
41)	T	C161	2-Chloroethylvi	0.073	0.087	0.099	0.101	0.099	0.092	12.88
42)	TM	C230	Toluene	0.745	0.768	0.794	0.801	0.793	0.780	2.99
43)	TM	C170	trans-1,3-Dichl	0.267	0.297	0.322	0.322	0.321	0.306	7.87

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

			Compound	1	2	3	4	5	Avg	%RSD
44)	TM	C160	1,1,2-Trichloro	0.131	0.129	0.135	0.132	0.130	0.131	1.66
45)	TM	C145	cis-1,3-Dichlor	0.365	0.400	0.425	0.428	0.429	0.410	6.68
46)	I	CI20	Chlorobenzene-D	----------	ISTD	----------				
47)	S	CS05	Toluene-D8	2.707	2.715	2.450	2.683	2.637	2.638	4.16
48)	T	C284	Ethyl Methacryl	0.399	0.496	0.548	0.558	0.551	0.510	13.10
49)	TM	C220	Tetrachloroethe	0.778	0.800	0.807	0.822	0.870	0.816	4.23
50)	TM	C221	1,3-Dichloropro	0.724	0.733	0.769	0.756	0.745	0.746	2.41
51)	TM	C155	Dibromochlorome	0.448	0.438	0.467	0.467	0.475	0.459	3.34
52)	TM	C163	1,2-Dibromoetha	0.355	0.350	0.364	0.359	0.355	0.357	1.50
53)	TM	C215	2-Hexanone	0.219	0.244	0.266	0.260	0.240	0.246	7.45
54)	TM	C235	Chlorobenzene	2.212	2.117	2.152	2.145	2.135	2.152	1.68
55)	TM	D001	1-Chlorohexane	0.842	1.119	1.088	1.108	1.148	1.061	11.73
56)	TM	C281	1,1,1,2-Tetrach	0.642	0.651	0.684	0.685	0.693	0.671	3.41
57)	TM	C240	Ethylbenzene	3.588	3.757	3.838	3.733	3.287	3.641	5.97
58)	TM	C246	m,p-Xylene	1.359	1.443	1.496	1.471	1.329	1.420	5.08
59)	TM	C247	o-Xylene	1.231	1.370	1.419	1.417	1.336	1.355	5.69
60)	TM	C245	Styrene	1.927	2.199	2.317	2.275	2.081	2.160	7.30
61)	TM	C180	Bromoform	0.196	0.201	0.219	0.224	0.225	0.213	6.37
62)	S	CS10	p-Bromofluorobe	0.657	0.666	0.640	0.691	0.715	0.674	4.39
63)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
64)	TM	C210	4-Methyl-2-pent	0.462	0.471	0.506	0.489	0.465	0.478	3.89
65)	TM	C966	Isopropylbenzen	3.876	4.384	4.557	4.485	4.093	4.279	6.69
66)	TM	C301	Bromobenzene	0.886	0.889	0.898	0.893	0.922	0.898	1.60
67)	TM	C225	1,1,2,2-Tetrach	0.483	0.492	0.510	0.487	0.475	0.489	2.71
68)	TM	C282	1,2,3-Trichloro	0.147	0.138	0.143	0.137	0.135	0.140	3.39
69)	TM	C283	t-1,4-Dichloro-	0.157	0.162	0.177	0.178	0.175	0.170	5.71
70)	TM	C302	n-Propylbenzene	5.177	5.480	5.543	5.273	4.589	5.212	7.27
71)	TM	C303	2-Chlorotoluene	1.013	1.055	1.069	1.088	1.124	1.070	3.80
72)	TM	C289	4-Chlorotoluene	1.064	1.073	1.116	1.116	1.148	1.103	3.13
73)	TM	C304	1,3,5-Trimethyl	3.345	3.578	3.686	3.686	3.475	3.554	4.10
74)	TM	C306	tert-Butylbenze	0.712	0.799	0.842	0.841	0.867	0.812	7.51
75)	TM	C307	1,2,4-Trimethyl	3.294	3.593	3.665	3.678	3.445	3.535	4.62
76)	TM	C308	sec-Butylbenzen	4.090	4.482	4.637	4.513	4.107	4.366	5.75
77)	TM	C260	1,3-Dichloroben	2.077	1.965	1.997	2.003	2.021	2.012	2.05
78)	TM	C309	4-Isopropyltolu	3.563	4.019	4.202	4.158	3.797	3.948	6.76
79)	TM	C267	1,4-Dichloroben	2.099	1.891	1.920	1.909	1.927	1.949	4.36
80)	TM	C249	1,2-Dichloroben	1.650	1.546	1.604	1.571	1.580	1.590	2.47
81)	TM	C310	n-Butylbenzene	3.213	3.617	3.728	3.668	3.413	3.528	6.01
82)	TM	C286	1,2-Dibromo-3-C	0.084	0.068	0.067	0.065	0.062	0.069	12.65
83)	TM	C313	1,2,4-Trichloro	0.985	0.924	0.949	0.940	0.953	0.950	2.37
84)	TM	C316	Hexachlorobutad	0.740	0.561	0.559	0.539	0.555	0.591	14.20
85)	TM	C314	Naphthalene	1.273	1.236	1.300	1.275	1.229	1.262	2.33

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 Q

Method : C:\HPCHEM\1\METHODS\QAFCEE25ML\A4I0XXXX.M (RTE Integrator)
Title : 8260 AFCEE 25ml
Last Update : Wed Dec 29 15:28:54 2004
Response via : Initial Calibration

Calibration Files
1 =Q2652.D 2 =Q2651.D 3 =Q2650.D
4 =Q2649.D 5 =Q2648.D

	Compound	1	2	3	4	5	Avg	%RSD
86) TM	C934 1,2,3-Trichloro	0.864	0.711	0.730	0.703	0.703	0.742	9.28

Total Average %RSD 6.43

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002392 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	237	-5.2	250.00	191	-23.6			*
BROMOMETHANE	250.00	262	4.8	250.00	243	-2.8			
VINYL CHLORIDE	250.00	258	3.2	250.00	236	-5.6			
BROMOCHLOROMETHANE	250.00	256	2.4	250.00	242	-3.2			
CHLOROETHANE	250.00	268	7.2	250.00	230	-8.0			
METHYLENE CHLORIDE	250.00	225	-10.0	250.00	218	-12.8			
ACETONE	1250.00	1120	-10.4	1250.00	1210	-3.2			
1,1-DICHLOROETHENE	250.00	260	4.0	250.00	231	-7.6			
1,1-DICHLOROETHANE	250.00	252	0.8	250.00	241	-3.6			
1-CHLOROHEXANE	250.00	267	6.8	250.00	227	-9.2			
cis-1,2-DICHLOROETHYLENE	250.00	251	0.4	250.00	244	-2.4			
trans-1,2-DICHLOROETHENE	250.00	265	6.0	250.00	239	-4.4			
CHLOROFORM	250.00	247	-1.2	250.00	238	-4.8			
1,2-DICHLOROETHANE	250.00	250	0.0	250.00	242	-3.2			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1180	-5.6	1250.00	1250	0.0			
1,1,1-TRICHLOROETHANE	250.00	257	2.8	250.00	243	-2.8			
CARBON TETRACHLORIDE	250.00	261	4.4	250.00	243	-2.8			
BROMODICHLOROMETHANE	250.00	249	-0.4	250.00	244	-2.4			
1,2-DICHLOROPROPANE	250.00	251	0.4	250.00	242	-3.2			
cis-1,3-DICHLOROPROPENE	250.00	257	2.8	250.00	244	-2.4			
TRICHLOROETHYLENE (TCE)	250.00	260	4.0	250.00	244	-2.4			
DIBROMOCHLOROMETHANE	250.00	247	-1.2	250.00	239	-4.4			
1,1,2-TRICHLOROETHANE	250.00	251	0.4	250.00	250	0.0			
BENZENE	250.00	264	5.6	250.00	246	-1.6			
trans-1,3-DICHLOROPROPENE	250.00	260	4.0	250.00	248	-0.8			
BROMOFORM	250.00	255	2.0	250.00	246	-1.6			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1220	-2.4	1250.00	1320	5.6			
TETRACHLOROETHYLENE(PCE)	250.00	259	3.6	250.00	240	-4.0			
1,1,2,2-TETRACHLOROETHANE	250.00	251	0.4	250.00	256	2.4			
TOLUENE	250.00	258	3.2	250.00	248	-0.8			
CHLOROBENZENE	250.00	253	1.2	250.00	243	-2.8			

* OK per comments JW 1/26/05

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002392 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ETHYLBENZENE	250.00	272	8.8	250.00	259	3.6			
STYRENE	250.00	269	7.6	250.00	262	4.8			
1,1,1,2-TETRACHLOROETHANE	250.00	256	2.4	250.00	248	-0.8			
1,1-DICHLOROPROPENE	250.00	260	4.0	250.00	248	-0.8			
1,2,3-TRICHLOROBENZENE	250.00	238	-4.8	250.00	241	-3.6			
1,2,3-TRICHLOROPROPANE	250.00	248	-0.8	250.00	254	1.6			
1,2,4-TRICHLOROBENZENE	250.00	250	0.0	250.00	246	-1.6			
1,2,4-TRIMETHYLBENZENE	250.00	271	8.4	250.00	261	4.4			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	234	-6.4	250.00	233	-6.8			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	249	-0.4	250.00	246	-1.6			
1,2-DICHLOROBENZENE	250.00	249	-0.4	250.00	249	-0.4			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	267	6.8	250.00	259	3.6			
1,3-DICHLOROBENZENE	250.00	249	-0.4	250.00	248	-0.8			
1,3-DICHLOROPROPANE	250.00	258	3.2	250.00	247	-1.2			
1,4-DICHLOROBENZENE	250.00	252	0.8	250.00	247	-1.2			
2,2-DICHLOROPROPANE	250.00	269	7.6	250.00	246	-1.6			
2-CHLOROTOLUENE	250.00	266	6.4	250.00	250	0.0			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	265	6.0	250.00	263	5.2			
BROMOBENZENE	250.00	253	1.2	250.00	246	-1.6			
DIBROMOMETHANE	250.00	248	-0.8	250.00	245	-2.0			
DICHLORODIFLUOROMETHANE	250.00	217	-13.2	250.00	202	-19.2			
NAPHTHALENE	250.00	247	-1.2	250.00	253	1.2			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	267	6.8	250.00	253	1.2			
TRICHLOROFLUOROMETHANE	250.00	275	10.0	250.00	267	6.8			
n-BUTYLBENZENE	250.00	276	10.4	250.00	265	6.0			
n-PROPYLBENZENE	250.00	274	9.6	250.00	267	6.8			
4-CHLOROTOLUENE	250.00	261	4.4	250.00	250	0.0			
SEC-BUTYLBENZENE	250.00	285	14.0	250.00	266	6.4			
tert-BUTYL METHYL ETHER	250.00	243	-2.8	250.00	247	-1.2			
t-BUTYLBENZENE	250.00	269	7.6	250.00	253	1.2			
HEXACHLOROBUTADIENE	250.00	237	-5.2	250.00	225	-10.0			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004 Calibration ID: A4I0001243

2nd Source ID: A4S0000379 CCV #1 ID: A5C0002392 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ISOPROPYLBENZENE (CUMENE)	250.00	257	2.8	250.00	266	6.4			
M,P-XYLENE(SUM OF ISOMERS)	500.00	536	7.2	500.00	510	2.0			

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 _ AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Date of Calibration: 29-Dec-2004

SPCC #1 ID: A4I0001243 SPCC #2 ID: A5C0002392 SPCC #3 ID: _____

CCC #1 ID: A5C0002392 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.3390	0.1000	0.2586	0.1000									
VINYL CHLORIDE							250.00	236	5.6				
1,1-DICHLOROETHENE							250.00	231	7.6				
1,1-DICHLOROETHANE	0.6730	0.1000	0.6490	0.1000									
CHLOROFORM							250.00	238	4.8				
1,2-DICHLOROPROPANE							250.00	242	3.2				
BROMOFORM	0.2130	0.1000	0.2095	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.4890	0.3000	0.5015	0.3000									
TOLUENE							250.00	248	0.8				
CHLOROBENZENE	2.1520	0.3000	2.0938	0.3000									
ETHYLBENZENE							250.00	259	3.6				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0027002

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.16	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0027002

Initial Calibration ID: A4I0001243

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.29	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98
AAB #: A5B00270
Lab Name: STL Buffalo
Contract #: _____
Concentration Units (ug/L or mg/kg): UG/L
Method Blank ID: A5B0027002
Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	86	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2268167	1185049 - 4740196	
CHLOROBENZENE-d5	818704	457891 - 1831562	
1,4-DICHLOROBENZENE-d4	595788	356190 - 1424758	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0027001 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	49.1	98	40 - 135	
BENZENE	10.0	9.76	98	81 - 122	
BROMOBENZENE	10.0	9.78	98	76 - 124	
BROMOCHLOROMETHANE	10.0	9.55	96	65 - 129	
BROMODICHLOROMETHANE	10.0	9.65	96	76 - 121	
BROMOFORM	10.0	9.66	97	69 - 128	
BROMOMETHANE	10.0	9.59	96	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	50.0	100	49 - 136	
n-BUTYLBENZENE	10.0	10.2	102	69 - 137	
SEC-BUTYLBENZENE	10.0	10.3	104	72 - 127	
t-BUTYLBENZENE	10.0	9.90	99	70 - 129	
CARBON TETRACHLORIDE	10.0	9.58	96	66 - 138	
CHLOROBENZENE	10.0	9.66	97	81 - 122	
CHLOROETHANE	10.0	9.41	94	58 - 133	
CHLOROFORM	10.0	9.37	94	69 - 128	
CHLOROMETHANE	10.0	7.72	77	56 - 131	
2-CHLOROTOLUENE	10.0	9.78	98	73 - 126	
4-CHLOROTOLUENE	10.0	9.75	98	74 - 128	
DIBROMOCHLOROMETHANE	10.0	9.67	97	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	9.06	91	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	9.87	99	80 - 121	
DIBROMOMETHANE	10.0	9.51	95	76 - 125	
1,2-DICHLOROBENZENE	10.0	9.72	97	71 - 122	
1,3-DICHLOROBENZENE	10.0	9.68	97	75 - 124	
1,4-DICHLOROBENZENE	10.0	9.65	96	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	8.30	83	53 - 153	
1,1-DICHLOROETHANE	10.0	9.52	95	69 - 133	
1,2-DICHLOROETHANE	10.0	9.67	97	69 - 132	
1,1-DICHLOROETHENE	10.0	8.85	88	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	9.58	96	72 - 126	
trans-1,2-DICHLOROETHENE	10.0	9.44	94	63 - 137	
1,2-DICHLOROPROPANE	10.0	9.68	97	75 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0027001 Units: UG/L

Initial Calibration ID: A4I0001243

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DICHLOROPROPANE	10.0	9.86	99	73 - 126	
2,2-DICHLOROPROPANE	10.0	9.66	97	69 - 137	
1,1-DICHLOROPROPENE	10.0	9.85	98	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	9.72	97	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	9.85	98	59 - 135	
ETHYLBENZENE	10.0	10.2	102	73 - 127	
HEXACHLOROBUTADIENE	10.0	8.78	85	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	10.4	104	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	10.2	102	73 - 130	
METHYLENE CHLORIDE	10.0	8.61	86	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	52.0	104	58 - 134	
NAPHTHALENE	10.0	9.94	99	54 - 138	
n-PROPYLBENZENE	10.0	10.3	104	72 - 129	
STYRENE	10.0	10.4	104	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	9.71	97	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	9.94	99	63 - 128	
TETRACHLOROETHYLENE(PCE)	10.0	9.55	96	66 - 128	
TOLUENE	10.0	9.79	98	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	9.41	94	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	9.61	96	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	9.64	96	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	9.95	100	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	9.62	96	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	10.7	107	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	10.0	100	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	10.1	102	74 - 132	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	10.1	101	74 - 131	
VINYL CHLORIDE	10.0	9.57	96	50 - 134	
tert-BUTYL METHYL ETHER	10.0	9.71	97	65 - 123	
1-CHLOROHEXANE	10.0	9.28	93	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	10.0	101	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	20.0	100	76 - 128	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0027001 Units: UG/L

Initial Calibration ID: A4I0001243

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	94	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	88	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2360941	1185049 - 4740196	
CHLOROBENZENE-d5	910376	457891 - 1831562	
1,4-DICHLOROBENZENE-d4	718018	356190 - 1424758	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98

AAB#: A5B00270

Lab Name: STL Buffalo

Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
TF3M12613LB	03-Jan-2005	04-Jan-2005	6-Jan-2005	14.00	3.00	6-Jan-2005	14.00	3.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B00270

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973Q

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0002392	06-Jan-2005	2118	06-Jan-2005	2150
MSB 17	06-Jan-2005	2151	06-Jan-2005	2238
VBLK 17	06-Jan-2005	2239	06-Jan-2005	2312
TF3M12613LB	06-Jan-2005	2313	06-Jan-2005	2345
ZZZZZZZZZZZZZZZZZZZZ	06-Jan-2005	2346	07-Jan-2005	0018
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0019	07-Jan-2005	0052
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0053	07-Jan-2005	0125
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0126	07-Jan-2005	0158
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0159	07-Jan-2005	0231
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0232	07-Jan-2005	0304
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0305	07-Jan-2005	0337
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0338	07-Jan-2005	0411
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0412	07-Jan-2005	0444
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0445	07-Jan-2005	0517
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0518	07-Jan-2005	0550
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0551	07-Jan-2005	0623
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0624	07-Jan-2005	0656
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0657	07-Jan-2005	0730
ZZZZZZZZZZZZZZZZZZZZ	07-Jan-2005	0731	07-Jan-2005	0804

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 29-Dec-2004 12:06

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.9	
75	30.0 - 60.0% of mass 95	50.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	72.3	
175	5.0 - 9.0% of mass 174	4.9 (6.8) 1	
176	95.0 - 101.0% of mass 174	69.3 (95.8) 1	
177	5.0 - 9.0% of mass 176	4.8 (6.9) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	29-Dec-2004	1235
VSTD020	29-Dec-2004	1308
VSTD010	29-Dec-2004	1341
VSTD004	29-Dec-2004	1414
VSTD0.5	29-Dec-2004	1448
VSTD010	29-Dec-2004	1901

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B00270

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973Q Compound: BFB Injection Date/Time: 6-Jan-2005 20:21

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	24.9	
75	30.0 - 60.0% of mass 95	46.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.6	
173	Less than 2.0% of mass 174	0.3 (0.4) 1	
174	50 - 120 % of mass 95	71.0	
175	5.0 - 9.0% of mass 174	6.0 (8.4) 1	
176	95.0 - 101.0% of mass 174	71.3 (100.4) 1	
177	5.0 - 9.0% of mass 176	4.1 (5.8) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	06-Jan-2005	2118
MSB 17	06-Jan-2005	2151
VBLK 17	06-Jan-2005	2239
TF3M12613LB	06-Jan-2005	2313

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-0038

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
100305LE	A5003803	87		91		92		93	
MSB 17	A5B0027001	88		91		92		94	
MSB16	A5B0023201	97		86		82		92	
TF3CE313LB	A5003802	87		90		93		93	
TF3M12613LB	A5003801	85		86		88		91	
VBLK 17	A5B0027002	86		92		91		96	
VBLK16	A5B0023202	87		90		86		101	

				QC Limits
S1	BFB	=	p-Bromofluorobenzene	(76 - 119)
S2	DBF	=	Dibromofluoromethane	(85 - 115)
S3	DCE	=	1,2-Dichloroethane-D4	(72 - 119)
S4	TOL	=	Toluene-D8	(81 - 120)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-0038

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
100305LE	A5003803	105		99		108	
MSB 17	A5B0027001	96		96		96	
MSB16	A5B0023201	108		105		110	
TF3CE313LB	A5003802	111		105		109	
TF3M12613LB	A5003801	98		90		93	
VBLK 17	A5B0027002	86		80		92	
VBLK16	A5B0023202	92		80		100	

			QC Limits
IS1	CBZ	= Chlorobenzene-D5	(50 - 200)
IS2	DCB	= 1,4-Dichlorobenzene-D4	(50 - 200)
IS3	FB	= Fluorobenzene	(50 - 200)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0002379

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q2775.RR Date Analyzed: 01/06/2005

Instrument ID: HP5973Q Time Analyzed: 09:54

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		946786		13.81		748119		17.18		2457192		9.85	
	UPPER LIMIT		1893572		14.31		1496238		17.68		4914384		10.35	
	LOWER LIMIT		473393		13.31		374060		16.68		1228596		9.35	
	CLIENT SAMPLE	Lab Sample ID												
1	100305LE	A5003803	994757		13.81		741939		17.18		2647902		9.85	
2	MSB16	A5B0023201	1022091		13.81		786914		17.18		2705830		9.85	
3	TF3CE313LB	A5003802	1052307		13.81		785976		17.18		2687876		9.85	
4	VBLK16	A5B0023202	868039		13.81		599058		17.18		2450698		9.84	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0002392

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q2792.RR Date Analyzed: 01/06/2005

Instrument ID: HP5973Q Time Analyzed: 21:18

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		946786		13.81		748119		17.18		2457192		9.85	
	UPPER LIMIT		1893572		14.31		1496238		17.68		4914384		10.35	
	LOWER LIMIT		473393		13.31		374060		16.68		1228596		9.35	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB 17	A5B0027001	910376		13.81		718018		17.18		2360941		9.85	
2	TF3M12613LB	A5003801	930007		13.81		672312		17.18		2292785		9.84	
3	VBLK 17	A5B0027002	818704		13.81		595788		17.18		2268167		9.85	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MI
1/6/05	0325	CM	Q2765	A4C895 02 50 A	C895	25 uL	—	1	WS1M10.3 WS19AP3	SS12AK/16
	0359		Q2766	01				1		
	0431		Q2767	04				5		
	0504		Q2768	05				1		
	0537		Q2769	06				4		
	0611		Q2770	07				2		
	0644		Q2771	08				1		
	0717		Q2772	09				1		
	0750		Q2773	10				1		
1/6/05	0824	@	Q2774	C1CC6BFBK1		1ml	—	—		
	0857		Q2775	WSTD010	CC	25ml		1	WS1M4	IS1L4AL/SS06
	0931		Q2776	MSB				1	WS20A4-2, WS6AM-5, WS12AL-7, WS13CX-2	
	1004		Q2777	VBLK16				1	WS HC4, WS19P-4	
	1037		Q2778	A4C895 12	C895			1		
	1111		Q2779	13				1		
	1145		Q2780	14				1		
	1218		Q2781	11				1		
	1251		Q2782	A50034 01	0034			1		
	1324		Q2783	02				1		
	1358		Q2784	03				1		
	1431		Q2785	A50065 01	0065			1		
	1504		Q2786	02				5		
	1537		Q2787	03				4		
	1610		Q2788	07				4		
	1644		Q2789	C2MS				5	WS14CY, WS19P-4	
	1717		Q2790	0250				4	1	
1/6/05	2024	CDC	Q2791	A1CC6BFB Q2	CC	1ml	—	—	WS10-2	
	2118		Q2792	WSTD010		25ml			WS20AX-2 WS6AM-5 WS12AL-7 WS10-2 WS19P-4 WS19P-4	
	2151		Q2793	MSB	CC					

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	116	124	123	89	92	96	94		✓	
	115	124	122	91	92	94	95		✓	
	115	119	119	88	89	92	96		✓	
	110	113	112	91	88	91	95		✓	
	112	116	115	90	90	95	97		✓	
	108	113	114	91	89	92	96		✓	
	107	110	111	91	90	93	95		✓	
	105	107	103	91	89	93	93		✓	
	101	104	102	93	91	93	94		✓	
										P.95
										8260 AFCEE 25ml (A4I -- 1283)
	110	108	105	86	83	92	97		—	
	100	92	80	90	87	101	87		—	
	97	91	84	91	91	97	86		✓	
	93	88	79	92	90	96	85		✓	
	90	85	77	91	91	96	85		✓	
	91	96	94	90	94	92	88		✓	
	105	109	103	(74)	78	(76)	(73)	Y	✓	SURR out
	109	111	105	90	93	93	87		✓	
	108	105	99	91	93	93	87		✓	
	104	101	93	91	93	93	86		✓	
	102	96	89	89	91	93	85	Y	✓	DF 2
	96	91	84	96	96	99	89	Y	✓	DF 2
	95	89	84	89	93	94	85	Y	✓	DF 2
	93	92	93	92	91	93	91		—	Base not used
	94	94	94	92	91	91	89		—	L
										PASS
										AFCEE 25ml (A4I. 1243)
	96	96	96	91	92	94	88		—	

Page Date

NO.

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
1/6/05	2019	COL	Q2794	1/6/05 VBLK17	QC	25ml	—	—	—	SS12A4/10E8
	2313		Q2795	CC A5002801 B	CC18			1		
	2346		Q2796	A5 00652 B	CC65			2		
1/7/05	0019		Q2797	03 B				2		
	0051		Q2798	07 B				2		
	0126		Q2799	04 A				1		
	0159		Q2800	04FD A				1		
	0232		Q2801	05 A				1		
	0305		Q2802	06 A				1		
	0338		Q2803	08 A				1		
	0412		Q2804	09 A				1		
	0445		Q2805	10 A				1		
	0519		Q2806	11 A				1		
	0551		Q2807	12 A				1		
	0624		Q2808	12FD A				1		
	0657		Q2809	12MS A				1		
	0731		Q2810	12SD A				1	WS19D-4 WS19P-4	
1/7/05	0940	@	Q2811	0107BBFB01	CC	1ml	—	—	WS10-2	
	1014		Q2812	VSTD010		25ml			WS3CAA5, WS6 AM-7, WS12AL-6, WS13CA-3	ISL2AL/SSK12
	1049		Q2813	MSD					WS19 AA-5, WS19 AP-5	
	1122		Q2814	VBLK18						
			Q2815	A5 0065 13	CC65					
			Q2816	14						
			Q2817	15						
			Q2818	A5 0040 01	CC40					
			Q2819	02						
			Q2820	A5 0068 01	CC68					
			Q2821	01FD						

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	92	87	80	92	91	96	86		—	
	93	94	90	97	88	91	85		✓	
	101	96	90	89	88	94	95		✓	
	95	84	83	91	91	98	87		✓	
	91	85	79	89	88	95	85		✓	
	87	82	76	90	88	95	85		✓	
	85	79	75	90	89	96	86		✓	
	82	77	72	90	89	96	85		✓	
	91	75	70	91	91	98	86		✓	
	80	77	79	90	88	96	96		✓	
	86	80	74	90	88	95	84		✓	
	81	77	75	91	90	96	88		✓	
	84	80	77	91	89	96	87		✓	
	84	80	74	88	88	94	85		✓	
	81	77	72	91	91	98	86		✓	
	83	83	85	91	89	93	89		✓	
	85	84	86	92	89	94	90		✓	
	91	90	91	94	91	96	93			
	87	93	76	93	90	97	83			

Some not run
DAS
SDG AFCEE25n1 (AYE ...1243)

Page

Date

000043

NO.

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****
****
AIMS DATA VALIDATION TESTS

Run Date: 01/21/2005
by: SCHOVEJ

Validation Filter:
Job: A05-0038
Fraction(s): MV

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : No exceptions found

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

Tests Not Closed : No exceptions found

****
Method Blank Hits (or errors) : Exception list

Job	Lab Sample	Test	Parameter	Type	Results	Tdl	Flags
A05-0038	A5B0027002	CTA16520	Hexachlorobutad	VBLK	.29	0.600	F

****

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****
Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-0038	MV	Approved	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

****

MS % Difference out of QC Limits : Exception list

Sample - Crv#	T	Param Name	Seq	Avg RRF	RRF err	Pct RSD	RSD err	C
A5C0002379 1	C	Chloromethane	10	0.339		28.3	*	
~~A5C0002379 1~~	~~C~~	~~Iodomethane~~	~~904~~	~~0.227~~		~~31.1~~	~~*~~	
~~A5C0002379 1~~	~~C~~	~~Acetonitrile~~	~~730~~	~~0.013~~		~~22.3~~	~~*~~	
~~A5C0002379 1~~	~~C~~	~~Carbon Disulfide~~	~~70~~	~~0.701~~		~~36.4~~	~~*~~	
~~A5C0002379 1~~	~~C~~	~~1,1,2-Trichloro-1,2,2-tri~~	~~390~~	~~0.201~~		~~22.7~~	~~*~~	
~~A5C0002379 1~~	~~C~~	~~Methyl acetate~~	~~902~~	~~0.121~~		~~33.2~~	~~*~~	
A5C0002392 1	C	Chloromethane	10	0.339		23.7	*	
~~A5C0002392 1~~	~~C~~	~~Methyl acetate~~	~~902~~	~~0.121~~		~~23.5~~	~~*~~	

nil

OK <30% Comment

nil

****

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

Sample/Tests with No Sample Time : No exceptions found

Sample/Tests with No Received Time : No exceptions found

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

Batches Not Closed : No exceptions found

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

		Current			Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5003801	CTA16520	100-41-4	UG/L	0.14U	Not Found
A5003801	CTA16520	100-42-5	UG/L	0.12U	Not Found
A5003801	CTA16520	10061-01-5	UG/L	0.10U	Not Found
A5003801	CTA16520	10061-02-6	UG/L	0.10U	Not Found
A5003801	CTA16520	103-65-1	UG/L	0.21U	Not Found
A5003801	CTA16520	104-51-8	UG/L	0.22U	Not Found

WET CHEMISTRY DATA

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 353.2

AAB #: A5B00091

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
100305LE	A5003803
100305LE	A5003803MS
TF3CE313LB	A5003802
TF3M12613LB	A5003801

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 1/26/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.67	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.17	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803MS Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 4-Jan-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.0	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A5B0009102 Concentration Units: MG/L-N

Analyte	Method Blank	RL	Q
NITROGEN,NITRATE (AS N)	ND	0.050	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 353.2 AAB #: A5B00091

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0009101 Concentration Units: MG/L-N

Analyte	Expected	Found	%R	Control Limits	Q
NITROGEN,NITRATE (AS N)	2.50	2.70	108	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 7
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 353.2 AAB#: A5B00091

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: 100305LE Units: MG/L-N % Solids: 0.00

MS ID: A5003803MS MSD ID: _____

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
NITROGEN,NITRATE (AS N)	0.0294	1.00	1.00	97				77 - 123	20	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 353.2 AAB#: A5B00091

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
100305LE	03-Jan-2005	04-Jan-2005	4-Jan-2005	2.00	1.00	
100305LE	03-Jan-2005	04-Jan-2005	4-Jan-2005	2.00	1.00	
TF3CE313LB	03-Jan-2005	04-Jan-2005	4-Jan-2005	2.00	1.00	
TF3M12613LB	03-Jan-2005	04-Jan-2005	4-Jan-2005	2.00	1.00	

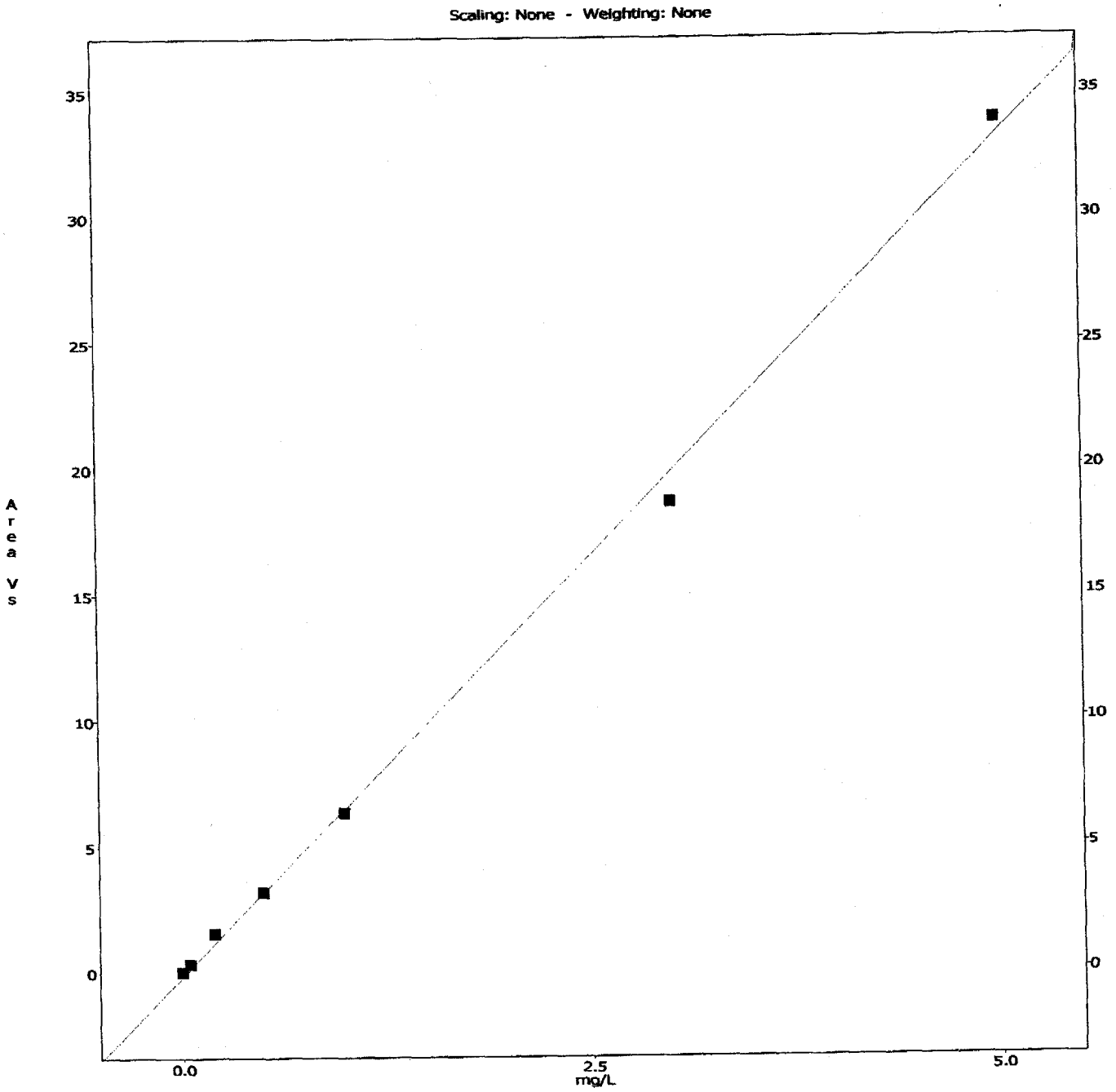
Comments:

NO2-NO3

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	33813528	5.00	33813528					0.0	0.0	-2.0
2	18622180	3.00	18622180					0.0	0.0	6.0
3	6342736	1.00	6342736					0.0	0.0	2.2
4	3129431	0.50	3129431					0.0	0.0	0.9
5	1523117	0.20	1523117					0.0	0.0	-27.1
6	333840	0.05	333840					0.0	0.0	-51.5
7	0	0.00	0					0.0	0.0	

1st Order Poly
Conc = 1.501e-007 Area + 2.565e-002
r = 0.9989

1/4/05



Printed: Tuesday, January 04, 2005 - 04:44 PM

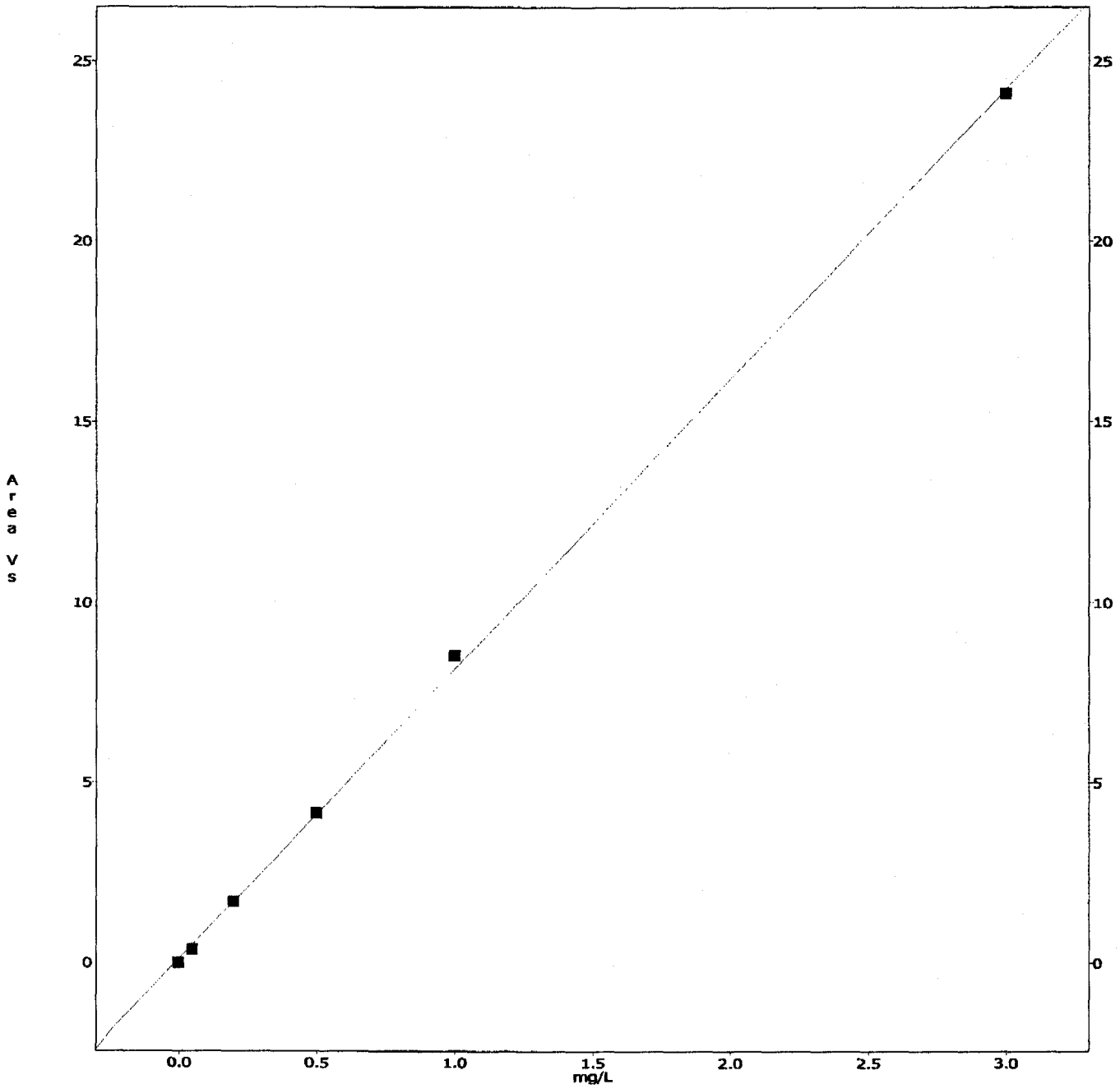
NO2

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	24102260	3.00	24102260					0.0	0.0	0.5
2	8528570	1.00	8528570					0.0	0.0	-4.7
3	4146495	0.50	4146495					0.0	0.0	-0.3
4	1715918	0.20	1715918					0.0	0.0	0.3
5	375430	0.05	375430					0.0	0.0	34.6
6	0	0.00	0					0.0	0.0	

1st Order Poly
Conc = 1.244e-007 Area - 1.399e-002
r = 0.9998

12/13/04

Scaling: None - Weighting: None



Printed: Tuesday, January 04, 2005 - 04:15 PM

STL-BUFFALO (NO3/NO2)
OPERATOR: karly
ACQ. TIME: Jan 4, 2005 16:52:06
DATA FILENAME: C:\OMNION\N301045C.FDT
METHOD FILENAME: H:\LACHAT\NO2-NO3.MET

Batch #ASB00091
Start: 16:52
End: 17:29

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Method - Ch. 3 (INACTIVE)

Cup	Sample ID	# of Reps	NO2-NO3 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

STL BUFFALO

Solutions
9-119-A,B,C,D
9-120-A,B

Method(s): 353.2

Analyst: KW Date: 1/4/05

Reviewed By: _____ Date: _____

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor	NO3
1	NO2@2.5PPM	16:52:09	1	2.4875	1.00 100%	
2	NO3@2.5PPM	16:53:13	1	2.7015	1.00 108%	
3	ICB	16:54:16	1	0.0257	1.00 <.05	
4	a4c85701	16:56:28	1	0.1974	1.00	.05
5	a4c85702	16:57:32	1	0.2806	1.00	
6	a4c85703	16:58:34	1	0.2286	1.00	.1091
7	a4c89502RE	16:59:37	1	0.3523	1.00	
8	a4c89502FD	17:00:39	1	0.1619	1.00 RPD=74.0%	
9	a5003801	17:01:42	1	0.6687	1.00	
10	a5003802	17:02:44	1	0.1719	1.00	
11	a5003803	17:03:47	1	0.0294	1.00	
12	a5003803dup	17:04:50	1	0.0294	1.00 RPD=0%	
13	a5003803spk	17:05:51	1	1.0018	1.00 97% @ 1.0ppm	
14	CCV	17:06:53	1	2.7542	1.00 110%	
15	CCB	17:07:54	1	0.0291	1.00 <.05	
16	A4C89502RE	17:08:58	1	0.3588	1.00	
17	A4C89502FD	17:10:02	1	0.1639	1.00	
26	CCV	17:12:11	1	2.8403	1.00 114%	
27	CCB	17:13:14	1	0.0300	1.00 <.05	

*All samples tested negative for residual chlorine

$RE = \frac{2.7015}{2.4875} \times 100 = 109\%$

STL-BUFFALO (NO2)
OPERATOR: karly
ACQ. TIME: Jan 4, 2005 17:16:59
DATA FILENAME: C:\OMNION\N201045A.FDT
METHOD FILENAME: Multi-H:\LACHAT\NO2.MET
Method - Ch. 3 (INACTIVE)
Type: Calibration Standards
Channel Range: 1 to 8 – Cup Range: 1 to 50

Cup	Sample ID	# of Reps	NO2 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2 (mg/L)
1	NO2ICV@1.0ppm	17:17:03	1	1.0934 109%
2	ICB	17:18:06	1	-0.0140 <.05
3	a4c85701	17:19:10	1	0.1474
4	a4c85702	17:20:14	1	-0.0090
5	a4c85703	17:21:17	1	0.1195
6	a4c85902RE	17:22:20	1	-0.0119
7	a4c85902FD	17:23:22	1	-0.0128
8	a5003801	17:24:25	1	0.0383
9	a5003802	17:25:27	1	-0.0030 RPD=0%
10	a5003802dup	17:26:30	1	-0.0018
11	a5003802spk	17:27:33	1	0.7753 74%@1.0ppm
13	CCV	17:28:35	1	1.0671 107%
14	CCB	17:29:37	1	-0.0140 <.05

AIMS DATA VALIDATION TESTS

Run Date: 01/05/2005
by: MATECKIL

Validation Filter:
Batch: A5B00091
Fraction(s): WC

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times ASTM OK : Exception list

Job	Lab Sample	Test	S/R Date	Tclp Date	Prep Date	Analysis Date	Hold Days	C
A04-C857	A4C85701	CTA25151	12/27/2004	/ /	/ /	01/04/2005	2	
A04-C857	A4C85702	CTA25151	12/27/2004	/ /	/ /	01/04/2005	2	
A04-C857	A4C85703	CTA25151	12/27/2004	/ /	/ /	01/04/2005	2	
A04-C895	A4C89502F1	CTA09627	12/30/2004	/ /	/ /	01/04/2005	2	
A04-C895	A4C89502RE	CTA09627	12/30/2004	/ /	/ /	01/04/2005	2	

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A04-C857	A4C85701	CTA25151	0.0000	Lno3no2
A04-C857	A4C85702	CTA25151	0.0000	Lno3no2
A04-C857	A4C85703	CTA25151	0.0000	Lno3no2
A5B00091	A5B0009103	CTA25151	0.0000	Lno3no2

A5B00091	A5B0009104	CTA25151	0.0000	Lno3no2
A04-C895	A4C89502F1	CTA09627	0.0000	NITRATE
A04-C895	A4C89502RE	CTA09627	0.0000	NITRATE
A05-0038	A5003801	CTA09627	0.0000	NITRATE
A05-0038	A5003802	CTA09627	0.0000	NITRATE
A05-0038	A5003803	CTA09627	0.0000	NITRATE
A05-0038	A5003803MS	CTA09627	0.0000	NITRATE
A5B00091	A5B0009101	CTA09627	0.0000	NITRATE
A5B00091	A5B0009102	CTA09627	0.0000	NITRATE

% Dry Weights Not Entered : Exception list

Job	Lab Sample	Test	% Dry Wt	Matrix	Description
A04-C857	A4C85701	CTA25151	0.00	S	Lno3no2
A04-C857	A4C85702	CTA25151	0.00	S	Lno3no2
A04-C857	A4C85703	CTA25151	0.00	S	Lno3no2

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A04-C857	A4C85701	CTA25151	O	FS	01/04/2005
A04-C857	A4C85702	CTA25151	O	FS	01/04/2005
A04-C857	A4C85703	CTA25151	O	FS	01/04/2005
A04-C895	A4C89502F1	CTA09627	O	FDR1	01/04/2005
A04-C895	A4C89502RE	CTA09627	O	RE	01/04/2005
A05-0038	A5003801	CTA09627	O	FS	01/04/2005
A05-0038	A5003802	CTA09627	O	FS	01/04/2005
A05-0038	A5003803	CTA09627	O	EB	01/04/2005
A05-0038	A5003803MS	CTA09627	O	MS	01/04/2005
A5B00091	A5B0009101	CTA09627	O	LCS	01/04/2005
A5B00091	A5B0009102	CTA09627	O	MBLK	01/04/2005
A5B00091	A5B0009103	CTA25151	O	LCS	01/04/2005
A5B00091	A5B0009104	CTA25151	O	MBLK	01/04/2005

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : Exception list

Job	Lab Sample	Test	Pname	Results	Tdl	Flags	Fr
A5B00091	A5B0009103	CTA25151	Nitrate-Nitrite	1.0	0.050	U	WC

****

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A04-C857	WC	Not approved	*
A04-C895	WC	Approved	
A05-0038	WC	No comments	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

****

Spike Invalid Calculation Date : Exception list

Job	Lab Sample	Test	Calc Date	Calc Time	Sample Type
A05-0038	A5003803	CTA09627	01/04/2005	17:54	EB
A5B00091	A5B0009102	CTA09627	01/04/2005	17:53	MBLK

****

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C
A5B00091	A5B0009101	CTA09627	/ /		WC	
A5B00091	A5B0009102	CTA09627	/ /		WC	
A5B00091	A5B0009103	CTA25151	/ /		WC	
A5B00091	A5B0009104	CTA25151	/ /		WC	

****

****

Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction	C
A5B00091	A5B0009101	CTA09627	/ /		WC	
A5B00091	A5B0009102	CTA09627	/ /		WC	
A5B00091	A5B0009103	CTA25151	/ /		WC	
A5B00091	A5B0009104	CTA25151	/ /		WC	

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

Batch	Type	Status	Analyst	Start Date	End Date
A5B00091	WC	O	KW	01/04/2005	01/04/2005

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

	Current				Historical Results
Lab Sample	Test	Parameter	UM	Result	
A4C85701	CTA25151	Lno3no2	UG/G	1.0	Not Found
A4C85702	CTA25151	Lno3no2	UG/G	5.8	Not Found
A4C85703	CTA25151	Lno3no2	UG/G	2.2	Not Found
A4C89502RE	CTA09627	NITRATE	MG/L-N	0.35	Not Found
A5003801	CTA09627	NITRATE	MG/L-N	0.67	Not Found
A5003802	CTA09627	NITRATE	MG/L-N	0.17	Not Found

OK

****

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2

AAB #: A5B00171

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
100305LE	A5003803
TF3CE313LB	A5003802
TF3M12613LB	A5003801

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract,both technically and for completeness,for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 1/26/05

Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613LB Lab Sample ID: A5003801 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	271	5.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313LB Lab Sample ID: A5003802 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	210	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 100305LE Lab Sample ID: A5003803 Matrix: WATER

% Solids: 0.0

Date Received: 4-Jan-2005 Date Analyzed: 6-Jan-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	9.0	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A5B0017102 Concentration Units: MG/L

Analyte	Method Blank	RL	Q
ALKALINITY, TOTAL (AS CACO3)	ND	5.0	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 310.2 AAB #: A5B00171

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0017101 Concentration Units: MG/L

Analyte	Expected	Found	%R	Control Limits	Q
ALKALINITY, TOTAL (AS CACO3)	100.0	102.8	103	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 310.2 AAB#: A5B00171

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
100305LE	03-Jan-2005	04-Jan-2005	6-Jan-2005	14.00	3.00	
TF3CE313LB	03-Jan-2005	04-Jan-2005	6-Jan-2005	14.00	3.00	
TF3M12613LB	03-Jan-2005	04-Jan-2005	6-Jan-2005	14.00	3.00	

Comments:

Calibration results Konelab 6.0.5 Page: 1

STL Buffalo
PGE, KG, KK, CS

06.01.2005 09:12 Alkalinity A5B00171

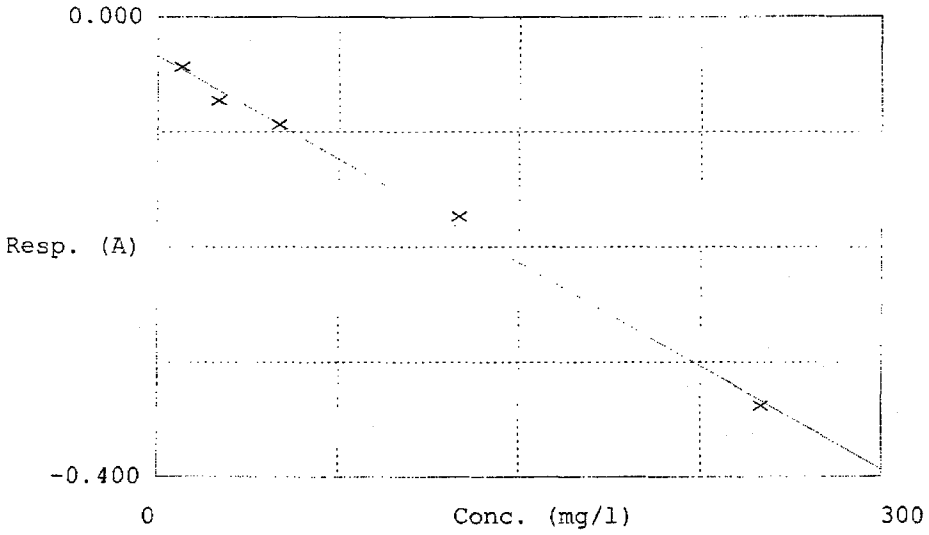
Test Alkalinity

Accepted 22.12.2004 13:21

Factor -834.4
Bias -0.034

Coeff. of det. 0.996307

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	ALK 250	-0.043	7.8221	10.0000	
2	ALK 250	-0.073	32.1852	25.0000	
3	ALK 250	-0.094	49.9280	50.0000	
4	ALK 250	-0.173	116.3634	125.0000	
5	ALK 250	-0.338	253.7013	250.0000	

Check water blank | Konelab 6.0.5 | Page: 1

STL Buffalo
PGE, KG, KK, CS

06.01.2005 09:10

Performed 06.01.2005 09:08
MAX acceptable SD 2.0 mA

Wavelength	Abs (mA)	SD (mA)	SignGain	RefGain	Voltage (V)
380 nm	-174.2	0.7	5	5	6.2
420 nm	-208.1	0.6	5	5	6.0
450 nm	209.3	0.6	3	4	6.2
480 nm	-245.3	0.5	3	3	5.9
510 nm	-252.5	0.5	2	2	6.2
520 nm	-248.9	0.4	2	2	6.2
540 nm	-254.4	0.4	2	2	6.2
575 nm	-251.6	0.4	2	2	6.2
600 nm	-249.0	0.4	2	2	6.2
620 nm	198.4	0.4	1	2	6.2
660 nm	197.1	0.4	1	2	6.2
700 nm	-249.2	0.3	1	1	6.2
880 nm	-235.0	0.2	1	1	6.2

Solutions Used: Konelab AQUA20

Alkalinity	Chloride	Sulfate
7-41-C	7-40-B	7-40-E
7-37-D	7-37-E	7-38-A
A-76-H	7-40-A	7-40-D
7-41-B	7-25-E	7-58-B
7-41-A	7-26-A	ERA
7-58-A	7-52-E	
7-32-C	7-53-A	
7-59-B	7-31-C	
ERA P 508169 8	7-39-E	
	7-56-D	
7-60-A	ERA	

DATE UPDATED 01/03/2004 KG

STL Buffalo 000016

pH Screening for Alkalinity Method 310.2

Logbook # A04-11-10

DATE	ANALYST	JOB #	SAMPLE ID	pH	COMMENTS
1/6/05	MG	0054	01	6.5	
			02	↓	
			03		
			04		
		0061	01	6.5	
			02	↓	
			03		
		0062	01	6.5	
			02	↓	
			03		
			04		
			05		
			06		
			07		
			08		
			09		
		0057	01	6.5	
			02	↓	

MG
1/6/5

REVIEWD BY/ DATE _____ pH Narrow range Paper Lot # _____

Result Report Konelab 6.0.5 Page: 1

STL Buffalo
Konelab 1

Date : 2005-01-06
Time : 13.11

BATCH : A5B00171
ERA: SG 81698
RANGE: ~~79.7-89.1~~ 67.4 - 86.6
ACTUAL: ~~84.5~~ 75.2
mG 1/6/5

Test / Unit		Alkalinity mg/l			
Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCV	102.846	-0.157	0.562		2005-01-06 09.32 102.8%
Alk CCB	-9.681	-0.022	0.559		2005-01-06 09.33 < 10
005402	197.759	-0.271	0.568		2005-01-06 09.33
005403	187.933	-0.259	0.568		2005-01-06 09.33
005404	10.292	-0.046	0.568		2005-01-06 09.33
006101	153.824	-0.218	0.571		2005-01-06 09.33
006102	116.041	-0.173	0.572		2005-01-06 09.33
006201	9.034	-0.045	0.563		2005-01-06 09.33
006202	133.099	-0.194	0.567		2005-01-06 09.45
006203	214.000	-0.291	0.568		2005-01-06 09.45
Alk CCV	103.151	-0.158	0.560		2005-01-06 09.45 103.2%
Alk CCB	-8.861	-0.023	0.564		2005-01-06 09.45 < 10
Alk CCV	102.941	-0.157	0.558		2005-01-06 09.56 102.9%
Alk CCB	-10.789	-0.021	0.561		2005-01-06 09.56 < 10
Alk CCB	-9.456	-0.023	0.560		2005-01-06 09.58 < 10
d 002004	-29.553	0.001	0.565		2005-01-06 09.58 Rul - Hi-negative
003802	209.549	-0.285	0.571		2005-01-06 10.05
003803	8.954	-0.045	0.573		2005-01-06 10.05
Alk CCV	102.982	-0.157	0.561		2005-01-06 10.05 102.98%
Alk CCB	-13.739	-0.018	0.563		2005-01-06 10.05 < 10
005701	248.145	-0.331	0.570		2005-01-06 10.05
005702	157.911	-0.223	0.568		2005-01-06 10.05
Alk CCV	103.186	-0.158	0.561		2005-01-06 10.06 103.18%
Alk CCB	-9.977	-0.022	0.554		2005-01-06 10.06 < 10
005401 66.0676	330.388	-0.113	0.559	1+4.0	2005-01-06 10.14
006103 58.9782	294.591	-0.105	0.562	1+4.0	2005-01-06 10.14
001602 234.0056	1170.018	-0.314	0.567	1+4.0	2005-01-06 10.14
001701 62.1312	310.656	-0.109	0.564	1+4.0	2005-01-06 10.15
001702 197.0698	955.349	-0.263	0.565	1+4.0	2005-01-06 10.15
Alk CCV	103.819	-0.158	0.559		2005-01-06 10.57 103.8%
Alk CCB	-8.165	-0.024	0.558		2005-01-06 10.57 < 10
006204	55.232	-0.100	0.571		2005-01-06 10.57
006206	152.422	-0.217	0.570		2005-01-06 10.57
006207	139.911	-0.202	0.574		2005-01-06 10.57
006208	91.980	-0.144	0.573		2005-01-06 10.57
006209	141.922	-0.204	0.576		2005-01-06 10.57
ERA S081698	77.951	-0.127	0.576		2005-01-06 10.57 104% ERA
001603	242.742	-0.325	0.570		2005-01-06 10.57
Alk CCV	103.617	-0.158	0.547		2005-01-06 11.13 103.6%
Alk CCB	-8.546	-0.024	0.562		2005-01-06 11.13 < 10
006205	201.434	-0.275	0.562		2005-01-06 11.13
006101 A-SPK	171.765	-0.240	0.556		2005-01-06 11.13 89.74% SPK
pm 006101 DUPE	155.138	-0.220	0.559		2005-01-06 11.13 0.85% RPD
Alk CCV	105.898	-0.161	0.555		2005-01-06 12.05 105.9%
Alk CCB	-6.575	-0.026	0.563		2005-01-06 12.05 < 10
001703 148.6536	743.268	-0.212	0.553	1+4.0	2005-01-06 12.12
001704 99.641	498.455	-0.154	0.561	1+4.0	2005-01-06 12.12
001705 211.1306	1055.653	-0.287	0.563	1+4.0	2005-01-06 12.12
001706 137.7474	688.737	-0.199	0.559	1+4.0	2005-01-06 12.12
001707 57.1354	285.677	-0.103	0.563	1+4.0	2005-01-06 12.12
001708 75.3884	376.942	-0.124	0.562	1+4.0	2005-01-06 12.12
Alk CCV	101.617	-0.156	0.555		2005-01-06 12.13 101.6%
Alk CCB	-9.384	-0.023	0.552		2005-01-06 12.13 < 10

Result Report | Konelab 6.0.5 | Page: 2

STL Buffalo
Konelab 1

Date : 2005-01-06
Time : 13.11

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
001709 94.0106	470.053	-0.147	0.556	1+4.0	2005-01-06 12.16	
001710 71.3356	356.678	-0.120	0.563	1+4.0	2005-01-06 12.16	
001711 77.3504	386.262	-0.127	0.566	1+4.0	2005-01-06 12.16	
002001 68.5358	342.694	-0.116	0.557	1+4.0	2005-01-06 12.16	
002002 71.7318	358.659	-0.120	0.562	1+4.0	2005-01-06 12.16	
002003 71.7454	358.742	-0.120	0.563	1+4.0	2005-01-06 12.16	
001601 80.8206	1616.413	-0.131	0.555	1+19.0	2005-01-06 12.23	
002005 92.0932	460.466	-0.144	0.567	1+4.0	2005-01-06 12.23	
003801 54.2923	271.461	-0.099	0.561	1+4.0	2005-01-06 12.23	
005401 A-SPK72.071	360.356	-0.120	0.563	1+4.0	2005-01-06 12.23	149.8%SPK ok
005401 DUPE66.830	334.151	-0.114	0.564	1+4.0	2005-01-06 12.23	~~1.1%RPD~~ 1.1% RPD
001604 65.3551	1305.102	-0.112	0.544	1+19.0	2005-01-06 12.38	
Alk CCV	104.300	-0.159	0.555		2005-01-06 12.59	104.3
Alk CCB	-10.495	-0.021	0.554		2005-01-06 12.59	<10

Result Report Konelab 6.0.5 Page: 1

STL Buffalo
Konelab 1

Date : 2005-01-06
Time : 13.15

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCV	102.846	-0.157	0.562		2005-01-06 09.32
Alk CCB	-9.681	-0.022	0.559		2005-01-06 09.33
005401		-0.406	0.566		-
005402	197.759	-0.271	0.568		2005-01-06 09.33
005403	187.933	-0.259	0.568		2005-01-06 09.33
005404	10.292	-0.046	0.568		2005-01-06 09.33
006101	153.824	-0.218	0.571		2005-01-06 09.33
006102	116.041	-0.173	0.572		2005-01-06 09.33
006103		-0.357	0.569		-
006201	9.034	-0.045	0.563		2005-01-06 09.33
006202	133.099	-0.194	0.567		2005-01-06 09.45
006203	214.000	-0.291	0.568		2005-01-06 09.45
Alk CCV	103.151	-0.158	0.560		2005-01-06 09.45
Alk CCB	-8.861	-0.023	0.564		2005-01-06 09.45
006204		-0.098	0.567		-
006205		-0.272	0.569		-
006206		-0.212	0.570		-
006207		-0.201	0.572		-
006208		-0.143	0.569		-
006209		-0.203	0.568		-
ERA S081698		-0.122	0.570		-
001601		-0.385	0.573		-
Alk CCV		0.000	0.000		-
001602		-0.367	0.567		-
001603		-0.329	0.566		-
Alk CCV	102.941	-0.157	0.558		2005-01-06 09.56
Alk CCB	-10.789	-0.021	0.561		2005-01-06 09.56
001604		-0.342	0.569		-
001701		-0.380	0.567		-
001702		-0.480	0.569		-
001703		-0.477	0.573		-
001704		-0.457	0.573		-
001705		-0.477	0.568		-
001706		-0.469	0.574		-
001707		-0.358	0.569		-
001708		-0.422	0.568		-
001709		-0.456	0.572		-
Alk CCB	-9.456	-0.023	0.560		2005-01-06 09.58
001710		-0.412	0.567		-
001711		-0.419	0.570		-
002001		-0.402	0.570		-
002002		-0.423	0.573		-
002003		-0.398	0.573		-
002004	-29.553	0.001	0.565		2005-01-06 09.58
002005		-0.448	0.566		-
003801		-0.337	0.569		-
003802	209.549	-0.285	0.571		2005-01-06 10.05
003803	8.954	-0.045	0.573		2005-01-06 10.05
Alk CCV	102.982	-0.157	0.561		2005-01-06 10.05
Alk CCB	-13.739	-0.018	0.563		2005-01-06 10.05
005701	248.145	-0.331	0.570		2005-01-06 10.05
005702	157.911	-0.223	0.568		2005-01-06 10.05
Alk CCV	103.186	-0.158	0.561		2005-01-06 10.06

Result Report Konelab 6.0.5 Page: 2

STL Buffalo
Konelab 1

Date : 2005-01-06
Time : 13.15

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCB	-9.977	-0.022	0.554		2005-01-06 10.06
001601		-0.376	0.557	1+4.0	-
005401	330.388	-0.113	0.559	1+4.0	2005-01-06 10.14
006103	294.591	-0.105	0.562	1+4.0	2005-01-06 10.14
001602	1170.018	-0.314	0.567	1+4.0	2005-01-06 10.14
001604		-0.348	0.561	1+4.0	-
001701	310.656	-0.109	0.564	1+4.0	2005-01-06 10.15
001702	955.349	-0.263	0.565	1+4.0	2005-01-06 10.15
Alk CCV	103.819	-0.158	0.559		2005-01-06 10.57
Alk CCB	-8.165	-0.024	0.558		2005-01-06 10.57
006204	55.232	-0.100	0.571		2005-01-06 10.57
006206	152.422	-0.217	0.570		2005-01-06 10.57
006207	139.911	-0.202	0.574		2005-01-06 10.57
006208	91.980	-0.144	0.573		2005-01-06 10.57
006209	141.922	-0.204	0.576		2005-01-06 10.57
ERA S081698	77.951	-0.127	0.576		2005-01-06 10.57
001603	242.742	-0.325	0.570		2005-01-06 10.57
005401 A-SPK		-0.419	0.572		-
005401 DUPE		-0.409	0.572		-
Alk CCV	103.617	-0.158	0.547		2005-01-06 11.13
Alk CCB	-8.546	-0.024	0.562		2005-01-06 11.13
006205	201.434	-0.275	0.562		2005-01-06 11.13
006101 A-SPK	171.765	-0.240	0.556		2005-01-06 11.13
006101 DUPE	155.138	-0.220	0.559		2005-01-06 11.13
Alk CCV	105.898	-0.161	0.555		2005-01-06 12.05
Alk CCB	-6.575	-0.026	0.563		2005-01-06 12.05
001703	743.268	-0.212	0.553	1+4.0	2005-01-06 12.12
001704	498.455	-0.154	0.561	1+4.0	2005-01-06 12.12
001705	1055.653	-0.287	0.563	1+4.0	2005-01-06 12.12
001706	688.737	-0.199	0.559	1+4.0	2005-01-06 12.12
001707	285.677	-0.103	0.563	1+4.0	2005-01-06 12.12
001708	376.942	-0.124	0.562	1+4.0	2005-01-06 12.12
Alk CCV	101.617	-0.156	0.555		2005-01-06 12.13
Alk CCB	-9.384	-0.023	0.552		2005-01-06 12.13
001709	470.053	-0.147	0.556	1+4.0	2005-01-06 12.16
001710	356.678	-0.120	0.563	1+4.0	2005-01-06 12.16
001711	386.262	-0.127	0.566	1+4.0	2005-01-06 12.16
002001	342.694	-0.116	0.557	1+4.0	2005-01-06 12.16
002002	358.659	-0.120	0.562	1+4.0	2005-01-06 12.16
002003	358.742	-0.120	0.563	1+4.0	2005-01-06 12.16
001601	1616.413	-0.131	0.555	1+19.0	2005-01-06 12.23
002005	460.466	-0.144	0.567	1+4.0	2005-01-06 12.23
003801	271.461	-0.099	0.561	1+4.0	2005-01-06 12.23
005401 A-SPK	360.356	-0.120	0.563	1+4.0	2005-01-06 12.23
005401 DUPE	334.151	-0.114	0.564	1+4.0	2005-01-06 12.23
001604	1305.102	-0.112	0.544	1+19.0	2005-01-06 12.38
Alk CCV	104.300	-0.159	0.555		2005-01-06 12.59
Alk CCB	-10.495	-0.021	0.554		2005-01-06 12.59

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AIMS DATA VALIDATION TESTS

Run Date: 01/06/2005
by: GAYNORM

Validation Filter:
Batch: A5B00171
Fraction(s): WC

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

****

Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A05-0038	A5003801	CTA15090	0.0000	Alk
A05-0038	A5003802	CTA15090	0.0000	Alk
A05-0038	A5003803	CTA15090	0.0000	Alk
A5B00171	A5B0017101	CTA15090	0.0000	Alk
A5B00171	A5B0017102	CTA15090	0.0000	Alk
A05-0054	A5005401	CTA05525	0.0000	BALK
A05-0054	A5005402	CTA05525	0.0000	BALK
A05-0054	A5005403	CTA05525	0.0000	BALK
A05-0054	A5005404	CTA05525	0.0000	BALK
A05-0057	A5005701	CTA05525	0.0000	BALK
A05-0057	A5005702	CTA05525	0.0000	BALK
A5B00171	A5B0017101	CTA05525	0.0000	BALK
A5B00171	A5B0017102	CTA05525	0.0000	BALK
A05-0061	A5006101	CTA10251	0.0000	BICARALK
A05-0061	A5006102	CTA10251	0.0000	BICARALK

N/A

A05-0061	A5006103	CTA10251	0.0000	BICARALK
A05-0062	A5006201	CTA10251	0.0000	BICARALK
A05-0062	A5006202	CTA10251	0.0000	BICARALK
A05-0062	A5006203	CTA10251	0.0000	BICARALK
A05-0062	A5006204	CTA10251	0.0000	BICARALK
A05-0062	A5006205	CTA10251	0.0000	BICARALK
A05-0062	A5006206	CTA10251	0.0000	BICARALK
A05-0062	A5006207	CTA10251	0.0000	BICARALK
A05-0062	A5006208	CTA10251	0.0000	BICARALK
A05-0062	A5006209	CTA10251	0.0000	BICARALK
A5B00171	A5B0017101	CTA10251	0.0000	BICARALK
A5B00171	A5B0017102	CTA10251	0.0000	BICARALK
A05-0057	A5005701	CTA05408	0.0000	CARALK
A05-0057	A5005702	CTA05408	0.0000	CARALK
A5B00171	A5B0017101	CTA05408	0.0000	CARALK
A5B00171	A5B0017102	CTA05408	0.0000	CARALK
A05-0017	A5001701	CTA09142	0.0000	DALK
A05-0017	A5001702	CTA09142	0.0000	DALK
A05-0017	A5001703	CTA09142	0.0000	DALK
A05-0017	A5001704	CTA09142	0.0000	DALK
A05-0017	A5001705	CTA09142	0.0000	DALK
A05-0017	A5001706	CTA09142	0.0000	DALK
A05-0017	A5001707	CTA09142	0.0000	DALK
A05-0017	A5001708	CTA09142	0.0000	DALK
A05-0017	A5001709	CTA09142	0.0000	DALK
A05-0017	A5001710	CTA09142	0.0000	DALK
A05-0017	A5001711	CTA09142	0.0000	DALK
A5B00171	A5B0017101	CTA09142	0.0000	DALK
A5B00171	A5B0017102	CTA09142	0.0000	DALK
A05-0016	A5001601	CTA08195	0.0000	TALK
A05-0016	A5001602	CTA08195	0.0000	TALK
A05-0016	A5001603	CTA08195	0.0000	TALK
A05-0016	A5001604	CTA08195	0.0000	TALK
A05-0020	A5002001	CTA05541	0.0000	TALK
A05-0020	A5002002	CTA05541	0.0000	TALK
A05-0020	A5002003	CTA05541	0.0000	TALK
A05-0020	A5002005	CTA05541	0.0000	TALK
A05-0054	A5005401	CTA05403	0.0000	TALK
A05-0054	A5005401MS	CTA05403	0.0000	TALK
A05-0054	A5005402	CTA05403	0.0000	TALK
A05-0054	A5005403	CTA05403	0.0000	TALK
A05-0054	A5005404	CTA05403	0.0000	TALK
A05-0061	A5006101	CTA10094	0.0000	TALK
A05-0061	A5006101MS	CTA10094	0.0000	TALK
A05-0061	A5006102	CTA10094	0.0000	TALK
A05-0061	A5006103	CTA10094	0.0000	TALK
A05-0062	A5006201	CTA10094	0.0000	TALK
A05-0062	A5006202	CTA10094	0.0000	TALK
A05-0062	A5006203	CTA10094	0.0000	TALK
A05-0062	A5006204	CTA10094	0.0000	TALK
A05-0062	A5006205	CTA10094	0.0000	TALK
A05-0062	A5006206	CTA10094	0.0000	TALK
A05-0062	A5006207	CTA10094	0.0000	TALK
A05-0062	A5006208	CTA10094	0.0000	TALK
A05-0062	A5006209	CTA10094	0.0000	TALK
A5B00171	A5B0017101	CTA05403	0.0000	TALK
A5B00171	A5B0017101	CTA05541	0.0000	TALK
A5B00171	A5B0017101	CTA08195	0.0000	TALK
A5B00171	A5B0017101	CTA10094	0.0000	TALK
A5B00171	A5B0017102	CTA05403	0.0000	TALK
A5B00171	A5B0017102	CTA05541	0.0000	TALK
A5B00171	A5B0017102	CTA08195	0.0000	TALK
A5B00171	A5B0017102	CTA10094	0.0000	TALK

****

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

N/A

Missing TIC Results : No exceptions found

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Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A05-0016	A5001601	CTA08195	O	FS	01/06/2005
A05-0016	A5001602	CTA08195	O	FS	01/06/2005
A05-0016	A5001603	CTA08195	O	FS	01/06/2005
A05-0016	A5001604	CTA08195	O	FS	01/06/2005
A05-0017	A5001701	CTA09142	O	FS	01/06/2005
A05-0017	A5001702	CTA09142	O	FS	01/06/2005
A05-0017	A5001703	CTA09142	O	FS	01/06/2005
A05-0017	A5001704	CTA09142	O	FS	01/06/2005
A05-0017	A5001705	CTA09142	O	FS	01/06/2005
A05-0017	A5001706	CTA09142	O	FS	01/06/2005
A05-0017	A5001707	CTA09142	O	FS	01/06/2005
A05-0017	A5001708	CTA09142	O	FS	01/06/2005
A05-0017	A5001709	CTA09142	O	FS	01/06/2005
A05-0017	A5001710	CTA09142	O	FS	01/06/2005
A05-0017	A5001711	CTA09142	O	FS	01/06/2005
A05-0020	A5002001	CTA05541	O	FS	01/06/2005
A05-0020	A5002002	CTA05541	O	FS	01/06/2005
A05-0020	A5002003	CTA05541	O	FS	01/06/2005
A05-0020	A5002005	CTA05541	O	FS	01/06/2005
A05-0038	A5003801	CTA15090	O	FS	01/06/2005
A05-0038	A5003802	CTA15090	O	FS	01/06/2005
A05-0038	A5003803	CTA15090	O	EB	01/06/2005
A05-0054	A5005401	CTA05403	O	FS	01/06/2005
A05-0054	A5005401MS	CTA05403	O	MS	01/06/2005
A05-0054	A5005402	CTA05403	O	FS	01/06/2005
A05-0054	A5005403	CTA05403	O	FS	01/06/2005
A05-0054	A5005404	CTA05403	O	FS	01/06/2005
A05-0054	A5005401	CTA05525	O	FS	01/06/2005
A05-0054	A5005402	CTA05525	O	FS	01/06/2005
A05-0054	A5005403	CTA05525	O	FS	01/06/2005
A05-0054	A5005404	CTA05525	O	FS	01/06/2005
A05-0057	A5005701	CTA05408	O	FS	01/06/2005
A05-0057	A5005702	CTA05408	O	FS	01/06/2005
A05-0057	A5005701	CTA05525	O	FS	01/06/2005
A05-0057	A5005702	CTA05525	O	FS	01/06/2005
A05-0061	A5006101	CTA10094	O	FS	01/06/2005
A05-0061	A5006101MS	CTA10094	O	MS	01/06/2005
A05-0061	A5006102	CTA10094	O	FS	01/06/2005
A05-0061	A5006103	CTA10094	O	FS	01/06/2005
A05-0061	A5006101	CTA10251	O	FS	01/06/2005
A05-0061	A5006102	CTA10251	O	FS	01/06/2005
A05-0061	A5006103	CTA10251	O	FS	01/06/2005
A05-0062	A5006201	CTA10094	O	FS	01/06/2005
A05-0062	A5006202	CTA10094	O	FS	01/06/2005
A05-0062	A5006203	CTA10094	O	FS	01/06/2005
A05-0062	A5006204	CTA10094	O	FS	01/06/2005
A05-0062	A5006205	CTA10094	O	FS	01/06/2005
A05-0062	A5006206	CTA10094	O	FS	01/06/2005
A05-0062	A5006207	CTA10094	O	FS	01/06/2005
A05-0062	A5006208	CTA10094	O	FS	01/06/2005
A05-0062	A5006209	CTA10094	O	FS	01/06/2005
A05-0062	A5006201	CTA10251	O	FS	01/06/2005
A05-0062	A5006202	CTA10251	O	FS	01/06/2005
A05-0062	A5006203	CTA10251	O	FS	01/06/2005
A05-0062	A5006204	CTA10251	O	FS	01/06/2005

N/A

A05-0062	A5006205	CTA10251	O	FS	01/06/2005
A05-0062	A5006206	CTA10251	O	FS	01/06/2005
A05-0062	A5006207	CTA10251	O	FS	01/06/2005
A05-0062	A5006208	CTA10251	O	FS	01/06/2005
A05-0062	A5006209	CTA10251	O	FS	01/06/2005
A5B00171	A5B0017101	CTA05403	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA05403	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA05408	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA05408	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA05525	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA05525	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA05541	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA05541	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA08195	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA08195	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA09142	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA09142	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA10094	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA10094	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA10251	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA10251	O	MBLK	01/06/2005
A5B00171	A5B0017101	CTA15090	O	LCS	01/06/2005
A5B00171	A5B0017102	CTA15090	O	MBLK	01/06/2005

****

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-0016	WC	Approved	
A05-0017	WC	Approved	
A05-0020	WC	Not approved	*
A05-0038	WC	No comments	
A05-0054	WC	Not approved	*
A05-0057	WC	Not approved	*
A05-0061	WC	Not approved	*
A05-0062	WC	Not approved	*

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

****

Sample Spikes with % Recovery = 0 : Exception list

Job	Lab Sample	Test	MSRecov	SDRecov	Pname
A5B00171	A5B0017102	CTA05408	0.0	0.0	Carbonate Alkal

****

Spike Samples with QC Limits = 0 : No exceptions found

****

Matrix Spike Results Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	QClow	QChigh	Pname
A05-0054	A5005401	CTA05403	150.0	22.0	128.0	Total Alkalinit

****

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction C

A5B00171	A5B0017101	CTA05403	/ /		WC
A5B00171	A5B0017102	CTA05403	/ /		WC
A5B00171	A5B0017101	CTA05408	/ /		WC
A5B00171	A5B0017102	CTA05408	/ /		WC
A5B00171	A5B0017101	CTA05525	/ /		WC
A5B00171	A5B0017102	CTA05525	/ /		WC
A5B00171	A5B0017101	CTA05541	/ /		WC
A5B00171	A5B0017102	CTA05541	/ /		WC
A5B00171	A5B0017101	CTA08195	/ /		WC
A5B00171	A5B0017102	CTA08195	/ /		WC
A5B00171	A5B0017101	CTA09142	/ /		WC
A5B00171	A5B0017102	CTA09142	/ /		WC
A5B00171	A5B0017101	CTA10094	/ /		WC
A5B00171	A5B0017102	CTA10094	/ /		WC
A5B00171	A5B0017101	CTA10251	/ /		WC
A5B00171	A5B0017102	CTA10251	/ /		WC
A5B00171	A5B0017101	CTA15090	/ /		WC
A5B00171	A5B0017102	CTA15090	/ /		WC

****

****

Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction C
A5B00171	A5B0017101	CTA05403	/ /		WC
A5B00171	A5B0017102	CTA05403	/ /		WC
A5B00171	A5B0017101	CTA05408	/ /		WC
A5B00171	A5B0017102	CTA05408	/ /		WC
A5B00171	A5B0017101	CTA05525	/ /		WC
A5B00171	A5B0017102	CTA05525	/ /		WC
A5B00171	A5B0017101	CTA05541	/ /		WC
A5B00171	A5B0017102	CTA05541	/ /		WC
A5B00171	A5B0017101	CTA08195	/ /		WC
A5B00171	A5B0017102	CTA08195	/ /		WC
A5B00171	A5B0017101	CTA09142	/ /		WC
A5B00171	A5B0017102	CTA09142	/ /		WC
A5B00171	A5B0017101	CTA10094	/ /		WC
A5B00171	A5B0017102	CTA10094	/ /		WC
A5B00171	A5B0017101	CTA10251	/ /		WC
A5B00171	A5B0017102	CTA10251	/ /		WC
A5B00171	A5B0017101	CTA15090	/ /		WC
A5B00171	A5B0017102	CTA15090	/ /		WC

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

Batch	Type	Status	Analyst	Start Date	End Date
A5B00171	WC	O	MG	01/06/2005	01/06/2005

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

		Current			Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5001603	CTA08195	TALK	MG/L	243	2220/313/349/2450
A5003801	CTA15090	Alk	MG/L	271	Not Found
A5003802	CTA15090	Alk	MG/L	210	Not Found
A5005404	CTA05525	BALK	MG/L	10.3	10U/10U/10U/10U
A5005404	CTA05403	TALK	MG/L	10.3	5.0U/5.0U/5.0U/5.0U
A5005701	CTA05408	CARALK	MG/L	248	10U/10U/10U/10U/10U
A5005702	CTA05408	CARALK	MG/L	158	10U/10U/10U/10U/10U

Deleted

****

ANALYTICAL REPORT

Job#: A05-2831

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base
Task: Griffiss AFB TF 1 and 3 Sampling

Mr. Gaby A. Atik
FPM Engineering Group, PC
153 Brooks Road
Rome, NY 13441

STL Buffalo

Mark A. Nemec
Project Manager

04/29/2005

Case Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5283113	032905ME	WATER	03/29/2005	08:10	03/30/2005	10:00
A5283112	032905MF	WATER	03/29/2005	13:01	03/30/2005	10:00
A5283114	032905MR	WATER	03/29/2005	08:00	03/30/2005	10:00
A5283101	TF3CE313MA	WATER	03/29/2005	15:17	03/30/2005	10:00
A5283102	TF3M11613MA	WATER	03/29/2005	13:10	03/30/2005	10:00
A5283102FD	TF3M11613MC	WATER	03/29/2005	13:10	03/30/2005	10:00
A5283102SD	TF3M11613MD	WATER	03/29/2005	13:10	03/30/2005	10:00
A5283102MS	TF3M11613MS	WATER	03/29/2005	13:10	03/30/2005	10:00
A5283103	TF3M11713MA	WATER	03/29/2005	13:50	03/30/2005	10:00
A5283115	TF3M119R13MA	WATER	03/29/2005	09:50	03/30/2005	10:00
A5283116	TF3M121R12MA	WATER	03/29/2005	10:20	03/30/2005	10:00
A5283104	TF3M12313MA	WATER	03/29/2005	11:08	03/30/2005	10:00
A5283105	TF3M12613MA	WATER	03/29/2005	14:10	03/30/2005	10:00
A5283106	TF3M12713MA	WATER	03/29/2005	14:23	03/30/2005	10:00
A5283107	TF3M12814MA	WATER	03/29/2005	14:01	03/30/2005	10:00
A5283108	TF3M13114MA	WATER	03/29/2005	10:00	03/30/2005	10:00
A5283109	TF3M13217MA	WATER	03/29/2005	12:10	03/30/2005	10:00
A5283110	TF3M13316MA	WATER	03/29/2005	13:31	03/30/2005	10:00
A5283111	TF3M2114MA	WATER	03/29/2005	11:50	03/30/2005	10:00

METHODS SUMMARY

Job#: A05-2831

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base

PARAMETER	ANALYTICAL METHOD
AFCEE - METHOD 8260 - VOLATILE ORGANICS	SW8463 8260-A98
AFCEE METHOD 8270 - SEMI-VOLATILE ORGANICS	SW8463 8270-A98
Nitrate	MCAWW 353.2-A98
Total Alkalinity	MCAWW 310.2-A98

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-2831

STL Project#: NY8A7867.9
Site Name: Griffiss Air Force Base

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-2831
Sample Cooler(s) were received at the following temperature(s); 2 @ 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

Linear regression was used to calibrate the analyte Methylene Chloride, which was greater than 30% RSD in the initial calibration (A5I0001366).

Samples TF3M12313MA, TF3M2114MA, and TF3M119R13MA were analyzed at a dilution factor of 5 due to high levels of non-target compounds.

The spike recovery of the analytes Styrene, Isopropylbenzene, n-Propylbenzene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, and sec-Butylbenzene in the Matrix Spike and the Matrix Spike Duplicate of sample TF3M11613MC exceeded AFCEE 3.1 and STL quality control limits. The associated sample was appropriately qualified with "M". The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

Initial calibration standard curve A5I0001366 exhibited the %RSD of the compounds 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Hexachlorobutadiene as greater than 15%. However, the mean RSD of all compounds is 6.55%.

Initial calibration standard curve A5I0001378 exhibited the %RSD of the compounds Methylene Chloride and Acetone as greater than 15%. However, the mean RSD of all compounds is 6.83%.

All samples were preserved to a pH less than 2.

GC/MS Semivolatile Data

The analyte Bis(2-ethylhexyl) phthalate was detected in the Method Blank A5B0430302 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The spike recoveries for 2,4-Dimethylphenol, 3,3'-Dichlorobenzidine, and N-nitrosodiphenylamine were below the laboratory quality control limits in the Matrix Spike TF3M11613MS. However, the Matrix Spike Blank A5B0430301 recoveries were compliant. The parent sample TF3M11613MA was "M" flagged for these compounds.

The relative percent difference between the Matrix Spike TF3M11613MS and the Matrix Spike Duplicate TF3M11613MD exceed quality control criteria for 2,4-Dimethylphenol, 3,3'-Dichlorobenzidine, and N-nitrosodiphenylamine. The parent sample TF3M11613MA was "M" flagged for these compounds.

Linear regression was used to calibrate analytes Benzoic Acid, 2,4-Dinitrophenol, 4-Nitoraniline, and 3,3'-Dichlorobenzidine that were greater than 15% RSD in the initial calibration A5I0001363.

Wet Chemistry Data

The requested reporting limit for Alkalinity is below STL's standard reporting limit. It must be noted that results reported below STL's standard reporting limit may result in false positive/false negative results, less accurate quantitation and potential misidentification at the lower concentrations. Therefore, no corrective action has been taken for any detections between the requested reporting limit and STLs standard reporting limit.

The relative percent difference between the Matrix Spike and Matrix Spike duplicate exceed quality control limits for Alkalinity on sample TF3M11613MA, though all individual analyte recoveries are compliant.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 04/29/2005 Dilution Log w/Code Information Page: 1
Time: 14:46:11 For Job A05-2831 Rept: AN1266R

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TF3M11713MA	A5283103	Total Alkalinity	5.00	008
TF3M12313MA	A5283104	8260-A98	4.00	004
TF3M12713MA	A5283106	Total Alkalinity	5.00	008
TF3M12814MA	A5283107	Total Alkalinity	5.00	008
TF3M13316MA	A5283110	Total Alkalinity	5.00	008
TF3M2114MA	A5283111	8260-A98	5.00	004
TF3M119R13MA	A5283115	8260-A98	5.00	004

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Chain of Custody

TC

USACE
CHAIN OF CUSTODY RECORD (AC 51295)

COC#: _4_ SDG#: _94_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB TF 1 and 3 Sampling Sampler Name: David Forse	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441
Carrier: STL courier.	Sampler Signature: David Forse	Phone: (315) 336-7721 Ext. 205

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	Filt./UnFilt.	No. of Containers	VOC note 1 40 mL vials (HCl)	SVOCs note 2 1 L amber	Total Alkalinity note 3 (zero headspace)	Nitrogen (Nitrate) note 4 16 oz poly	Total Sulfide Note 5 16 oz poly (ZnAC and NaOH)	Comments
TF3M2114MA	TF3MW21	3/29	1150	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MA	WL-TF3MW-116	3/29	1310	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MC	WL-TF3MW-116	3/29	1310	WG	B	0/0	FD	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MS	WL-TF3MW-116	3/29	1310	WG	B	0/0	MS	HCl	Unf.	5	3	-	1	1	-	
TF3M11613MD	WL-TF3MW-116	3/29	1310	WG	B	0/0	SD	HCl	Unf.	5	3	-	1	1	-	
TF3M11713MA	WL-TF3MW-117	3/29	1350	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M119R13MA	WL-TF3MW-119R	3/29	0950	WG	B	0/0	N	HCl	Unf.	7	3	2	1	1	-	
TF3M121R12MA	WL-TF3MW-121R	3/29	1020	WG	B	0/0	N	HCl	Unf.	7	3	2	1	1	-	
TF3M12313MA	WL-TF3MW-123	3/29	1108	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12613MA	WL-TF3MW-126	3/29	1410	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3CE313MA	MW-CE	3/29	1517	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12713MA	WL-TF3MW-127	3/29	1423	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M12814MA	WL-TF3MW-128	3/29	1401	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13114MA	WL-TF3MW-131	3/29	1000	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13217MA	WL-TF3MW-132	3/29	1210	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
TF3M13316MA	WL-TF3MW-133	3/29	1331	WG	B	0/0	N	HCl	Unf.	5	3	-	1	1	-	
032905ME	FIELDQC	3/29	0810	WQ	B	0/0	EB	HCl	Unf.	7	3	2	1	1	-	
032905MF	FIELDQC	3/29	1301	WQ	NA	0/0	AB	HCl	Unf.	3	3	-	-	-	-	
032905MR	FIELDQC	3/29	0800	WQ	NA	0/0	TB	HCl	Unf.	3	3	-	-	-	-	

Collect water levels at all wells that are not sampled.

Sample Condition Upon Receipt at Laboratory:	Cooler Temperature: 2@2.0°C
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1 Note 1: VOCs: SW8260, AFCEE QAPP 3.1 List. Note 2: SVOCs: SW8270, AFCEE QAPP 3.1 List. Note 3: Total Alkalinity, 310.2. Note 4: Nitrogen: 353.2, Nitrate: Automated. Note 5: Total Sulfide: 376.2.	

#1 Released by: (Sig)	Date:	#2 Released by: (Sig) David Forse	Date: 3/29/05	#3 Released by: (Sig) RE (143563	Date: 3/29/05
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1606	Company Name: STL 139/16)	Time 18:30
#1 Received by: (Sig) Niels van Hoesel	Date: 3/2/05	#2 Received by: (Sig) RE	Date 3/29/05	#3 Received by: (Sig)	Date 03/30/05
Company Name: FPM Group Ltd	Time: 1200	Company Name: STL	Time: 17:00	Company Name: STL BUFFALO	Time: 1000

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Method 8260 Data

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
032905ME	A5283113
032905MF	A5283112
032905MR	A5283114
TF3CE313MA	A5283101
TF3M11613MA	A5283102
TF3M11613MC	A5283102FD
TF3M11613MD	A5283102SD
TF3M11613MS	A5283102MS
TF3M11713MA	A5283103
TF3M119R13MA	A5283115
TF3M121R12MA	A5283116
TF3M12313MA	A5283104
TF3M12613MA	A5283105
TF3M12814MA	A5283107
TF3M13114MA	A5283108
TF3M13217MA	A5283109
TF3M13316MA	A5283110
TF3M2114MA	A5283111

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2640778	1347751 - 5391002	
CHLOROBENZENE-d5	1734243	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	806453	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MF Lab Sample ID: A5283112 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.6	1.00	N/A	F
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MF Lab Sample ID: A5283112 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MF Lab Sample ID: A5283112 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	90	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2676072	1347751 - 5391002	
CHLOROBENZENE-d5	1771920	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	825489	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MR Lab Sample ID: A5283114 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MR Lab Sample ID: A5283114 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905MR Lab Sample ID: A5283114 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	96	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2533682	1347751 - 5391002	
CHLOROBENZENE-d5	1677332	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	778004	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.22	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	7.3	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.4	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	8.6	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	2.2	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	4.7	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.95	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.70	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	86	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	98	72 - 119	
DIBROMOFLUOROMETHANE	96	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2561826	1347751 - 5391002	
CHLOROBENZENE-d5	1703518	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	794317	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	M
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	M
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.36	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.29	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	9.4	1.00	N/A	M
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	3.3	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	9.3	1.00	N/A	M
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.21	1.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	8.0	1.00	N/A	M
STYRENE	0.12	1.0	0.12	1.00	N/A	M
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	1.8	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	87	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	96	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

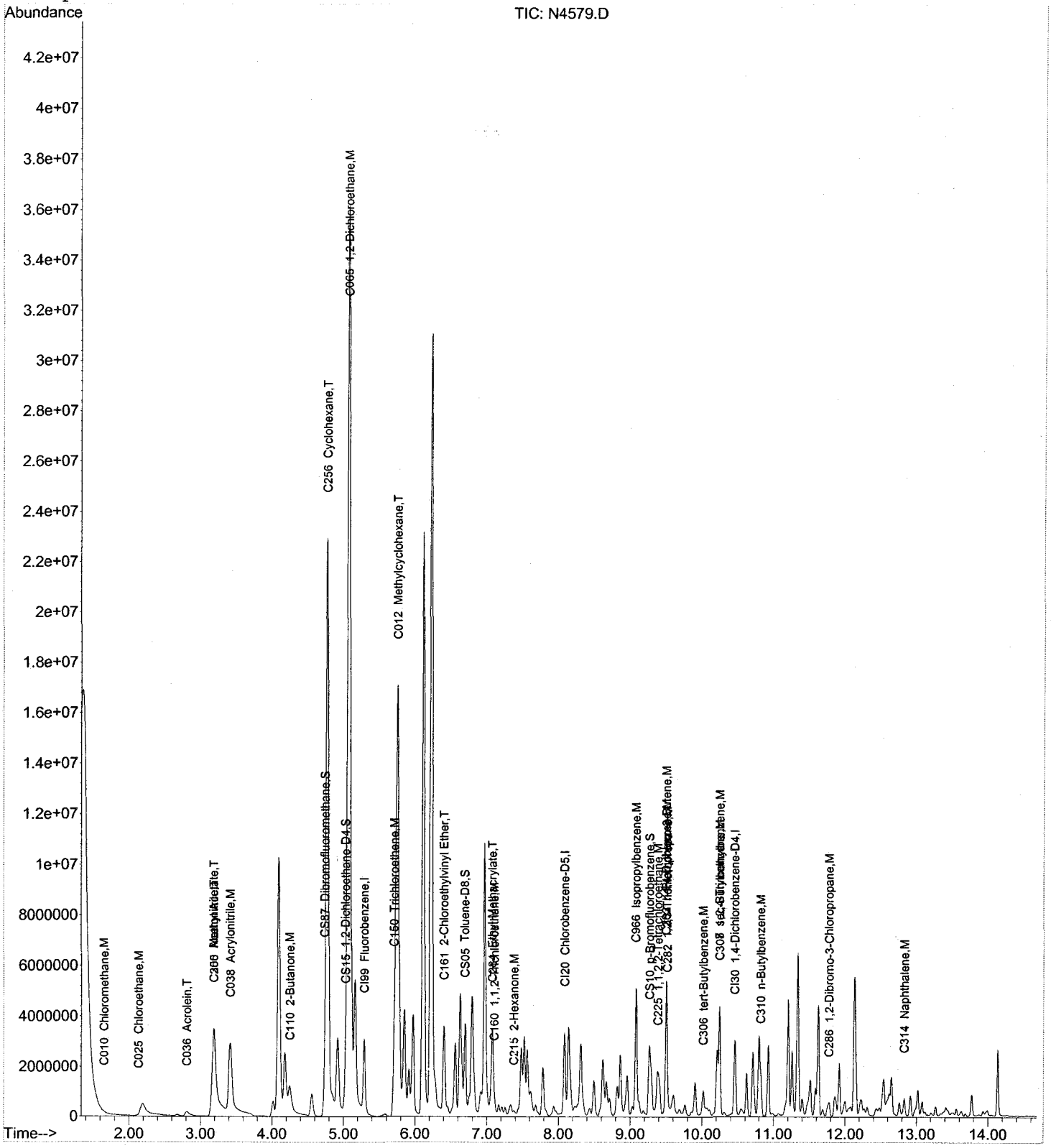
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2709180	1347751 - 5391002	
CHLOROBENZENE-d5	1759487	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	815214	411710 - 1646840	

Comments:

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\N\040905\N4579.D Vial: 8
Acq On : 9 Apr 2005 13:06 Operator: DWW
Sample : A5283102 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: Rteint.p
Quant Time: Apr 11 7:13 2005 Quant Results File: A5I001366.RES

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001366.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Sat Apr 09 10:05:07 2005
Response via : Initial Calibration



AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.35	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.30	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	6.1	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.9	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	5.9	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	5.2	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	1.2	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	86	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	98	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2759856	1347751 - 5391002	
CHLOROBENZENE-d5	1788482	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	835641	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MD Lab Sample ID: A5283102SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	10	1.00	N/A	
1,1,1-TRICHLOROETHANE	0.19	1.0	9.8	1.00	N/A	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	9.8	1.00	N/A	
1,1,2-TRICHLOROETHANE	0.12	1.0	10	1.00	N/A	
1,1-DICHLOROETHANE	0.16	1.0	10	1.00	N/A	
1,1-DICHLOROETHENE	0.12	1.0	11	1.00	N/A	
1,1-DICHLOROPROPENE	0.14	1.0	10	1.00	N/A	
1,2,3-TRICHLOROBENZENE	0.16	1.0	10	1.00	N/A	
1,2,3-TRICHLOROPROPANE	0.21	1.0	11	1.00	N/A	
1,2,4-TRICHLOROBENZENE	0.14	1.0	10	1.00	N/A	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	6.1	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	9.6	1.00	N/A	
1,2-DICHLOROBENZENE	0.14	1.0	10	1.00	N/A	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	9.1	1.00	N/A	
1,2-DICHLOROPROPANE	0.12	1.0	10	1.00	N/A	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	10	1.00	N/A	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	4.9	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	10	1.00	N/A	
1,3-DICHLOROPROPANE	0.12	0.50	9.9	1.00	N/A	
1,4-DICHLOROBENZENE	0.14	0.50	10	1.00	N/A	
1-CHLOROHEXANE	0.14	1.0	11	1.00	N/A	
2,2-DICHLOROPROPANE	0.27	1.0	10	1.00	N/A	
2-CHLOROTOLUENE	0.25	1.0	10	1.00	N/A	
4-CHLOROTOLUENE	0.20	1.0	9.6	1.00	N/A	
ACETONE	1.3	10	57	1.00	N/A	
BENZENE	0.15	0.50	9.8	1.00	N/A	
BROMOBENZENE	0.16	1.0	9.6	1.00	N/A	
BROMOCHLOROMETHANE	0.14	1.0	10	1.00	N/A	
BROMODICHLOROMETHANE	0.11	0.50	11	1.00	N/A	
BROMOFORM	0.083	1.0	7.9	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MD Lab Sample ID: A5283102SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	8.1	1.00	N/A	
CARBON TETRACHLORIDE	0.18	1.0	9.6	1.00	N/A	
CHLOROBENZENE	0.14	0.50	10	1.00	N/A	
CHLOROETHANE	0.14	1.0	8.6	1.00	N/A	
CHLOROFORM	0.16	0.50	9.6	1.00	N/A	
CHLOROMETHANE	0.21	1.0	7.6	1.00	N/A	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	10	1.00	N/A	
cis-1,3-DICHLOROPROPENE	0.10	0.50	7.6	1.00	N/A	
DIBROMOCHLOROMETHANE	0.10	0.50	8.8	1.00	N/A	
DIBROMOMETHANE	0.12	1.0	10	1.00	N/A	
DICHLORODIFLUOROMETHANE	0.22	1.0	8.3	1.00	N/A	
ETHYLBENZENE	0.14	1.0	9.7	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	10	1.00	N/A	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	15	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	10	1.00	N/A	
tert-BUTYL METHYL ETHER	0.094	5.0	10	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	47	1.00	N/A	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	53	1.00	N/A	
n-BUTYLBENZENE	0.22	1.0	12	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	15	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	16	1.00	N/A	
NAPHTHALENE	0.11	1.0	10	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	8.0	1.00	N/A	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	9.0	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	15	1.00	N/A	
STYRENE	0.12	1.0	2.4	1.00	N/A	
TRICHLOROETHYLENE (TCE)	0.16	1.0	10	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	12	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	11	1.00	N/A	
TOLUENE	0.17	1.0	9.4	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MD Lab Sample ID: A5283102SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	11	1.00	N/A	
trans-1,3-DICHLOROPROPENE	0.10	1.0	8.1	1.00	N/A	
TRICHLOROFLUOROMETHANE	0.14	1.0	8.5	1.00	N/A	
VINYL CHLORIDE	0.19	1.0	7.7	1.00	N/A	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	88	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	90	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2855873	1347751 - 5391002	
CHLOROBENZENE-d5	1848051	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	884441	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MS Lab Sample ID: A5283102MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	10	1.00	N/A	
1,1,1-TRICHLOROETHANE	0.19	1.0	10	1.00	N/A	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	9.6	1.00	N/A	
1,1,2-TRICHLOROETHANE	0.12	1.0	11	1.00	N/A	
1,1-DICHLOROETHANE	0.16	1.0	11	1.00	N/A	
1,1-DICHLOROETHENE	0.12	1.0	11	1.00	N/A	
1,1-DICHLOROPROPENE	0.14	1.0	10	1.00	N/A	
1,2,3-TRICHLOROBENZENE	0.16	1.0	10	1.00	N/A	
1,2,3-TRICHLOROPROPANE	0.21	1.0	11	1.00	N/A	
1,2,4-TRICHLOROBENZENE	0.14	1.0	11	1.00	N/A	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	6.4	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	9.9	1.00	N/A	
1,2-DICHLOROBENZENE	0.14	1.0	10	1.00	N/A	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	9.6	1.00	N/A	
1,2-DICHLOROPROPANE	0.12	1.0	10	1.00	N/A	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	10	1.00	N/A	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	5.1	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	10	1.00	N/A	
1,3-DICHLOROPROPANE	0.12	0.50	10	1.00	N/A	
1,4-DICHLOROBENZENE	0.14	0.50	10	1.00	N/A	
1-CHLOROHEXANE	0.14	1.0	11	1.00	N/A	
2,2-DICHLOROPROPANE	0.27	1.0	10	1.00	N/A	
2-CHLOROTOLUENE	0.25	1.0	10	1.00	N/A	
4-CHLOROTOLUENE	0.20	1.0	9.8	1.00	N/A	
ACETONE	1.3	10	61	1.00	N/A	
BENZENE	0.15	0.50	10	1.00	N/A	
BROMOBENZENE	0.16	1.0	9.7	1.00	N/A	
BROMOCHLOROMETHANE	0.14	1.0	10	1.00	N/A	
BROMODICHLOROMETHANE	0.11	0.50	11	1.00	N/A	
BROMOFORM	0.083	1.0	8.2	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MS Lab Sample ID: A5283102MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	8.2	1.00	N/A	
CARBON TETRACHLORIDE	0.18	1.0	9.7	1.00	N/A	
CHLOROBENZENE	0.14	0.50	10	1.00	N/A	
CHLOROETHANE	0.14	1.0	8.7	1.00	N/A	
CHLOROFORM	0.16	0.50	10	1.00	N/A	
CHLOROMETHANE	0.21	1.0	7.6	1.00	N/A	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	10	1.00	N/A	
cis-1,3-DICHLOROPROPENE	0.10	0.50	7.7	1.00	N/A	
DIBROMOCHLOROMETHANE	0.10	0.50	8.9	1.00	N/A	
DIBROMOMETHANE	0.12	1.0	10	1.00	N/A	
DICHLORODIFLUOROMETHANE	0.22	1.0	8.1	1.00	N/A	
ETHYLBENZENE	0.14	1.0	9.7	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	10	1.00	N/A	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	14	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	10	1.00	N/A	
tert-BUTYL METHYL ETHER	0.094	5.0	10	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	50	1.00	N/A	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	54	1.00	N/A	
n-BUTYLBENZENE	0.22	1.0	12	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	14	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	16	1.00	N/A	
NAPHTHALENE	0.11	1.0	11	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	8.1	1.00	N/A	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	9.1	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	15	1.00	N/A	
STYRENE	0.12	1.0	2.2	1.00	N/A	
TRICHLOROETHYLENE (TCE)	0.16	1.0	11	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	12	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	11	1.00	N/A	
TOLUENE	0.17	1.0	9.6	1.00	N/A	

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MS Lab Sample ID: A5283102MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	11	1.00	N/A	
trans-1,3-DICHLOROPROPENE	0.10	1.0	8.3	1.00	N/A	
TRICHLOROFLUOROMETHANE	0.14	1.0	8.7	1.00	N/A	
VINYL CHLORIDE	0.19	1.0	7.9	1.00	N/A	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	89	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	96	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2827783	1347751 - 5391002	
CHLOROBENZENE-d5	1864340	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	885979	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.38	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.49	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	3.9	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.66	1.00	N/A	F
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	2.3	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	2.0	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	84	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	76 - 119	
1,2-DICHLOROETHANE-d4	99	72 - 119	
DIBROMOFLUOROMETHANE	95	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2749240	1347751 - 5391002	
CHLOROBENZENE-d5	1824458	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	856869	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	1.2	5.00	N/A	U
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
n-PROPYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	1.7	5.00	N/A	U
NAPHTHALENE	0.57	5.0	0.57	5.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	0.97	5.00	N/A	U
SEC-BUTYLBENZENE	1.3	5.0	1.3	5.00	N/A	U
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	95	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

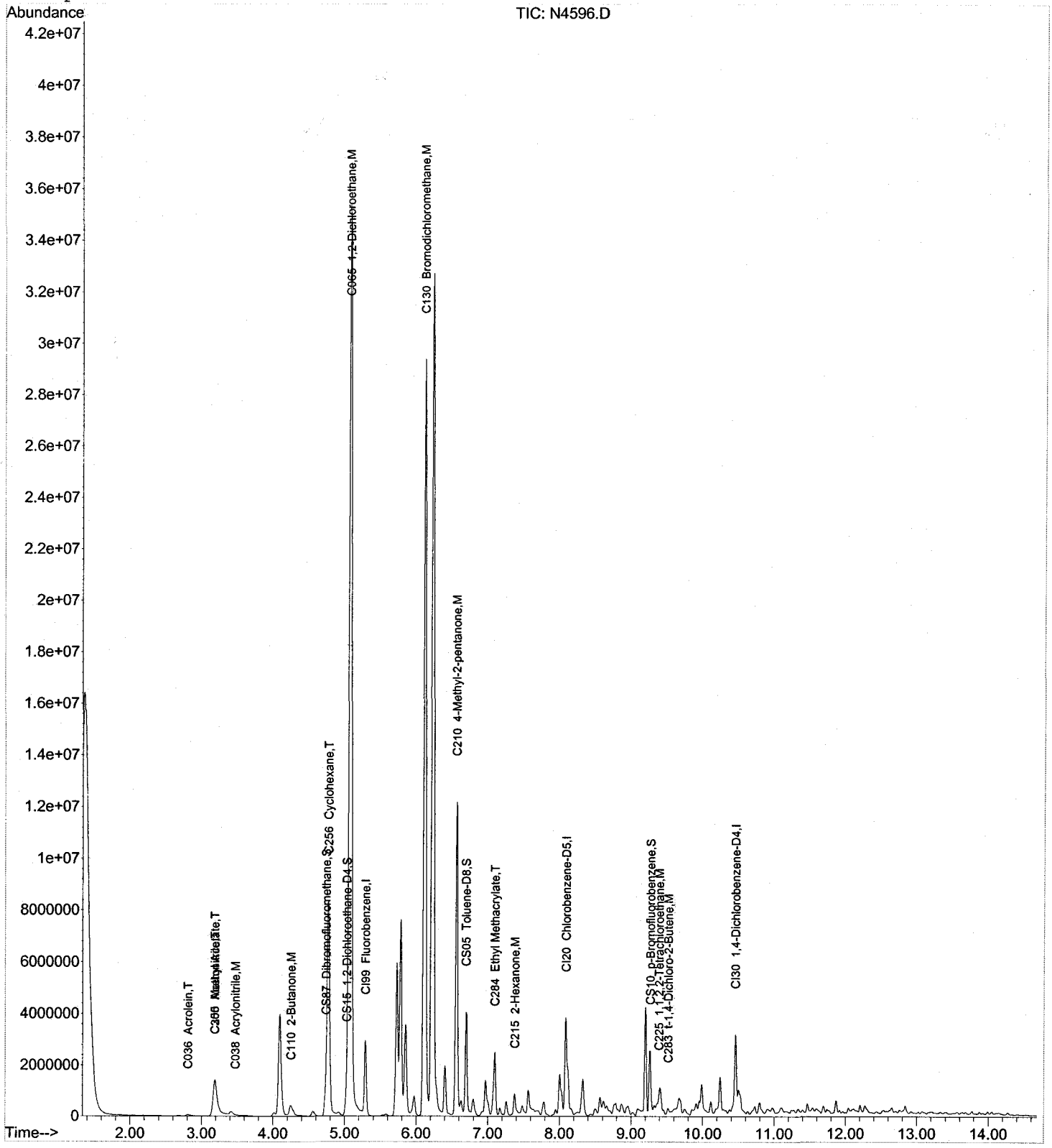
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2725657	1347751 - 5391002	
CHLOROBENZENE-d5	1765408	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	838617	411710 - 1646840	

Comments:

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\N\040905\N4596.D Vial: 25
Acq On : 9 Apr 2005 19:41 Operator: DWW
Sample : A5283115 DF5 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: Rteint.p
Quant Time: Apr 11 7:24 2005 Quant Results File: A5I001366.RES

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001366.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Sat Apr 09 10:05:07 2005
Response via : Initial Calibration



AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	1.6	1.00	N/A	
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2705949	1347751 - 5391002	
CHLOROBENZENE-d5	1773357	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	814719	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.46	2.0	0.46	4.00	N/A	U
1,1,1-TRICHLOROETHANE	0.78	4.0	0.78	4.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.42	2.0	0.42	4.00	N/A	U
1,1,2-TRICHLOROETHANE	0.47	4.0	0.47	4.00	N/A	U
1,1-DICHLOROETHANE	0.63	4.0	0.63	4.00	N/A	U
1,1-DICHLOROETHENE	0.50	4.0	0.50	4.00	N/A	U
1,1-DICHLOROPROPENE	0.57	4.0	0.57	4.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.64	4.0	0.64	4.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.0	0.83	4.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.91	4.0	19	4.00	N/A	
1,2-DICHLOROETHANE	0.49	2.0	0.49	4.00	N/A	U
1,2-DICHLOROBENZENE	0.54	4.0	0.54	4.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.89	8.0	0.89	4.00	N/A	U
1,2-DICHLOROPROPANE	0.50	4.0	0.50	4.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.56	4.0	0.56	4.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.0	4.0	2.7	4.00	N/A	F
1,3-DICHLOROBENZENE	0.51	4.0	0.51	4.00	N/A	U
1,3-DICHLOROPROPANE	0.50	2.0	0.50	4.00	N/A	U
1,4-DICHLOROBENZENE	0.55	2.0	0.55	4.00	N/A	U
1-CHLOROHEXANE	0.57	4.0	0.57	4.00	N/A	U
2,2-DICHLOROPROPANE	1.1	4.0	1.1	4.00	N/A	U
2-CHLOROTOLUENE	1.0	4.0	1.0	4.00	N/A	U
4-CHLOROTOLUENE	0.79	4.0	0.79	4.00	N/A	U
ACETONE	5.4	40	5.4	4.00	N/A	U
BENZENE	0.60	2.0	0.60	4.00	N/A	U
BROMOBENZENE	0.63	4.0	0.63	4.00	N/A	U
BROMOCHLOROMETHANE	0.54	4.0	0.54	4.00	N/A	U
BROMODICHLOROMETHANE	0.45	2.0	0.45	4.00	N/A	U
BROMOFORM	0.33	4.0	0.33	4.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.52	12	0.52	4.00	N/A	U
CARBON TETRACHLORIDE	0.73	4.0	0.73	4.00	N/A	U
CHLOROBENZENE	0.58	2.0	0.58	4.00	N/A	U
CHLOROETHANE	0.55	4.0	0.55	4.00	N/A	U
CHLOROFORM	0.64	2.0	0.64	4.00	N/A	U
CHLOROMETHANE	0.84	4.0	0.84	4.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.57	4.0	0.57	4.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.41	2.0	0.41	4.00	N/A	U
DIBROMOCHLOROMETHANE	0.40	2.0	0.40	4.00	N/A	U
DIBROMOMETHANE	0.49	4.0	0.49	4.00	N/A	U
DICHLORODIFLUOROMETHANE	0.89	4.0	0.89	4.00	N/A	U
ETHYLBENZENE	0.58	4.0	0.58	4.00	N/A	U
HEXACHLOROBUTADIENE	0.92	2.4	0.92	4.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.99	4.0	51	4.00	N/A	
METHYLENE CHLORIDE	0.90	4.0	0.90	4.00	N/A	U
tert-BUTYL METHYL ETHER	0.38	20	0.38	4.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	4.8	40	4.8	4.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	5.7	40	5.7	4.00	N/A	U
n-BUTYLBENZENE	0.87	4.0	1.2	4.00	N/A	F
n-PROPYLBENZENE	0.86	4.0	6.2	4.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.3	8.0	1.3	4.00	N/A	U
NAPHTHALENE	0.46	4.0	0.46	4.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.66	4.0	0.66	4.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.78	4.0	1.4	4.00	N/A	F
SEC-BUTYLBENZENE	1.0	4.0	1.6	4.00	N/A	F
STYRENE	0.50	4.0	0.50	4.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.65	4.0	0.65	4.00	N/A	U
t-BUTYLBENZENE	0.86	4.0	0.96	4.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.74	4.0	0.74	4.00	N/A	U
TOLUENE	0.68	4.0	0.68	4.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.49	4.0	0.49	4.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.41	4.0	0.41	4.00	N/A	U
TRICHLOROFLUOROMETHANE	0.57	4.0	0.57	4.00	N/A	U
VINYL CHLORIDE	0.77	4.0	0.77	4.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	91	85 - 115	

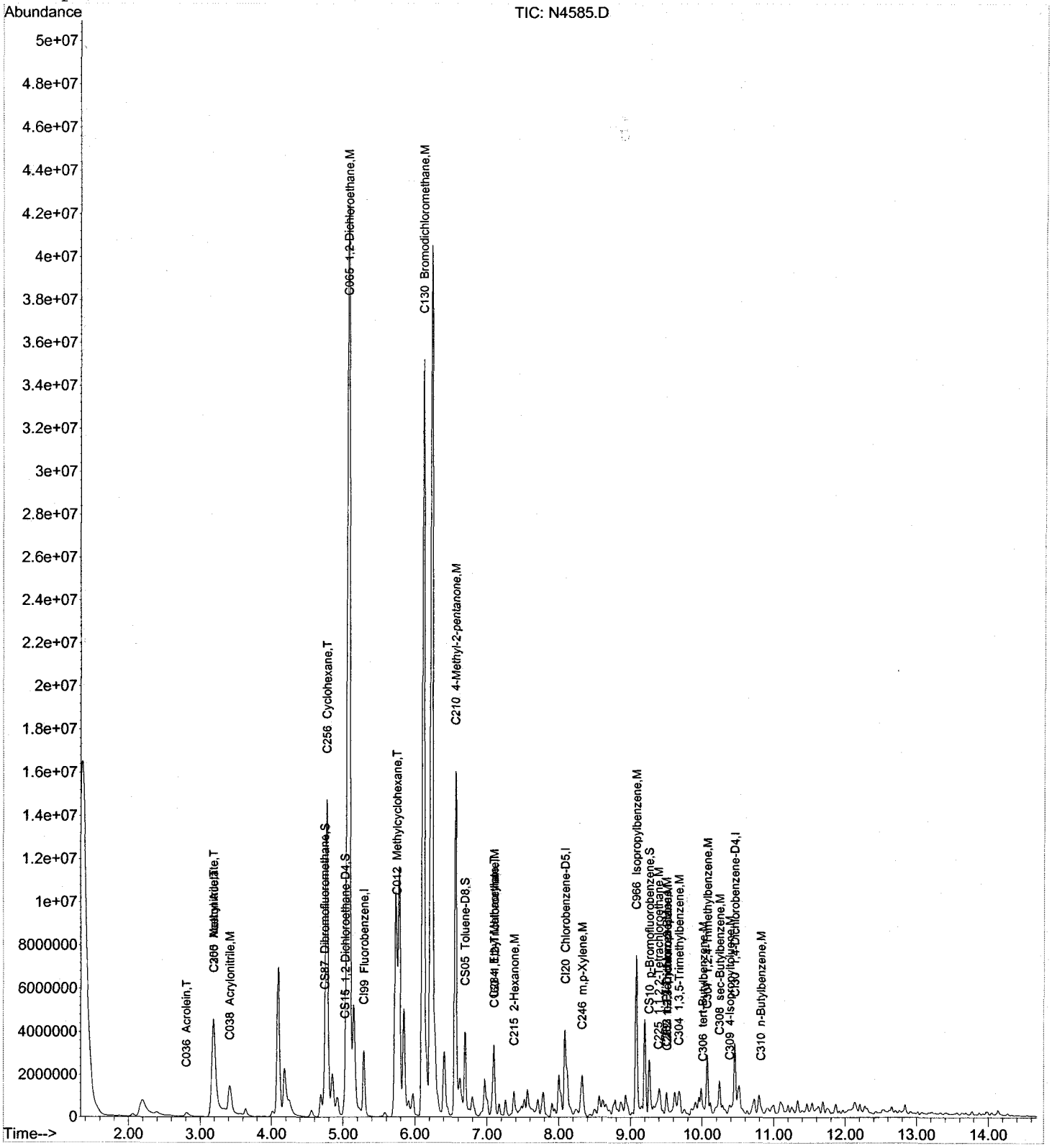
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2850739	1347751 - 5391002	
CHLOROBENZENE-d5	1832521	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	868879	411710 - 1646840	

Comments:

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\N\040905\N4585.D Vial: 14
Acq On : 9 Apr 2005 15:26 Operator: DWW
Sample : A5283104 DF4 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: Rteint.p
Quant Time: Apr 11 7:19 2005 Quant Results File: A5I001366.RES

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001366.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Sat Apr 09 10:05:07 2005
Response via : Initial Calibration



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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.26	1.00	N/A	F
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.29	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.33	1.00	N/A	F
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.86	1.00	N/A	F
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.25	1.00	N/A	F
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	1.0	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.87	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	88	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	99	72 - 119	
DIBROMOFLUOROMETHANE	99	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2586466	1347751 - 5391002	
CHLOROBENZENE-d5	1675169	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	776759	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	25	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	11	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	1.2	1.00	N/A	
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	17	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	9.0	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.8	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	12	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	12	1.00	N/A	
NAPHTHALENE	0.11	1.0	7.4	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	5.0	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	3.4	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.45	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2777958	1347751 - 5391002	
CHLOROBENZENE-d5	1823348	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	860898	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.30	1.00	N/A	F
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.29	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: IF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2717440	1347751 - 5391002	
CHLOROBENZENE-d5	1794683	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	837596	411710 - 1646840	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.78	1.00	N/A	
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.65	1.00	N/A	F
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	93	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2716454	1347751 - 5391002	
CHLOROBENZENE-d5	1778371	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	823759	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	9.3	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	8.6	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.33	1.00	N/A	F
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.20	1.00	N/A	F
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	6.8	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	1.4	1.00	N/A	
n-PROPYLBENZENE	0.21	1.0	7.6	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	1.0	1.00	N/A	F
NAPHTHALENE	0.11	1.0	1.6	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	1.5	1.00	N/A	
SEC-BUTYLBENZENE	0.25	1.0	6.3	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.75	1.00	N/A	F
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	84	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2791629	1347751 - 5391002	
CHLOROBENZENE-d5	1838395	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	876594	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.57	2.5	0.57	5.00	N/A	U
1,1,1-TRICHLOROETHANE	0.97	5.0	0.97	5.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.53	2.5	0.53	5.00	N/A	U
1,1,2-TRICHLOROETHANE	0.59	5.0	0.59	5.00	N/A	U
1,1-DICHLOROETHANE	0.79	5.0	0.79	5.00	N/A	U
1,1-DICHLOROETHENE	0.62	5.0	0.62	5.00	N/A	U
1,1-DICHLOROPROPENE	0.71	5.0	0.71	5.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.80	5.0	0.80	5.00	N/A	U
1,2,3-TRICHLOROPROPANE	1.0	5.0	1.0	5.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2,4-TRIMETHYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
1,2-DICHLOROETHANE	0.61	2.5	0.61	5.00	N/A	U
1,2-DICHLOROBENZENE	0.68	5.0	0.68	5.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	10	1.1	5.00	N/A	U
1,2-DICHLOROPROPANE	0.62	5.0	0.62	5.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.70	5.0	0.70	5.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	1.2	5.0	1.2	5.00	N/A	U
1,3-DICHLOROBENZENE	0.63	5.0	0.63	5.00	N/A	U
1,3-DICHLOROPROPANE	0.63	2.5	0.63	5.00	N/A	U
1,4-DICHLOROBENZENE	0.69	2.5	0.69	5.00	N/A	U
1-CHLOROHEXANE	0.71	5.0	0.71	5.00	N/A	U
2,2-DICHLOROPROPANE	1.3	5.0	1.3	5.00	N/A	U
2-CHLOROTOLUENE	1.3	5.0	1.3	5.00	N/A	U
4-CHLOROTOLUENE	0.99	5.0	0.99	5.00	N/A	U
ACETONE	6.7	50	6.7	5.00	N/A	U
BENZENE	0.75	2.5	0.75	5.00	N/A	U
BROMOBENZENE	0.79	5.0	0.79	5.00	N/A	U
BROMOCHLOROMETHANE	0.68	5.0	0.68	5.00	N/A	U
BROMODICHLOROMETHANE	0.56	2.5	0.56	5.00	N/A	U
BROMOFORM	0.42	5.0	0.42	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	15	0.66	5.00	N/A	U
CARBON TETRACHLORIDE	0.91	5.0	0.91	5.00	N/A	U
CHLOROBENZENE	0.72	2.5	0.72	5.00	N/A	U
CHLOROETHANE	0.69	5.0	0.69	5.00	N/A	U
CHLOROFORM	0.80	2.5	0.80	5.00	N/A	U
CHLOROMETHANE	1.0	5.0	1.0	5.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.71	5.0	0.71	5.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.52	2.5	0.52	5.00	N/A	U
DIBROMOCHLOROMETHANE	0.50	2.5	0.50	5.00	N/A	U
DIBROMOMETHANE	0.61	5.0	0.61	5.00	N/A	U
DICHLORODIFLUOROMETHANE	1.1	5.0	1.1	5.00	N/A	U
ETHYLBENZENE	0.73	5.0	0.73	5.00	N/A	U
HEXACHLOROBUTADIENE	1.1	3.0	1.1	5.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	1.2	5.0	24	5.00	N/A	
METHYLENE CHLORIDE	1.1	5.0	1.1	5.00	N/A	U
tert-BUTYL METHYL ETHER	0.47	25	0.47	5.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	6.0	50	6.0	5.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	7.2	50	7.2	5.00	N/A	U
n-BUTYLBENZENE	1.1	5.0	2.2	5.00	N/A	F
n-PROPYLBENZENE	1.1	5.0	5.4	5.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	1.7	10	3.2	5.00	N/A	F
NAPHTHALENE	0.57	5.0	1.6	5.00	N/A	F
O-XYLENE (1,2-DIMETHYLBENZENE)	0.82	5.0	0.82	5.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.97	5.0	3.8	5.00	N/A	F
SEC-BUTYLBENZENE	1.3	5.0	3.3	5.00	N/A	F
STYRENE	0.62	5.0	0.62	5.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.81	5.0	0.81	5.00	N/A	U
t-BUTYLBENZENE	1.1	5.0	1.1	5.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.92	5.0	0.92	5.00	N/A	U
TOLUENE	0.85	5.0	0.85	5.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001366

Date Received: 30-Mar-2005 Date Prepared: 9-Apr-2005 Date Analyzed: 9-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.61	5.0	0.61	5.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.51	5.0	0.51	5.00	N/A	U
TRICHLOROFLUOROMETHANE	0.72	5.0	0.72	5.00	N/A	U
VINYL CHLORIDE	0.97	5.0	0.97	5.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	100	72 - 119	
DIBROMOFLUOROMETHANE	92	85 - 115	

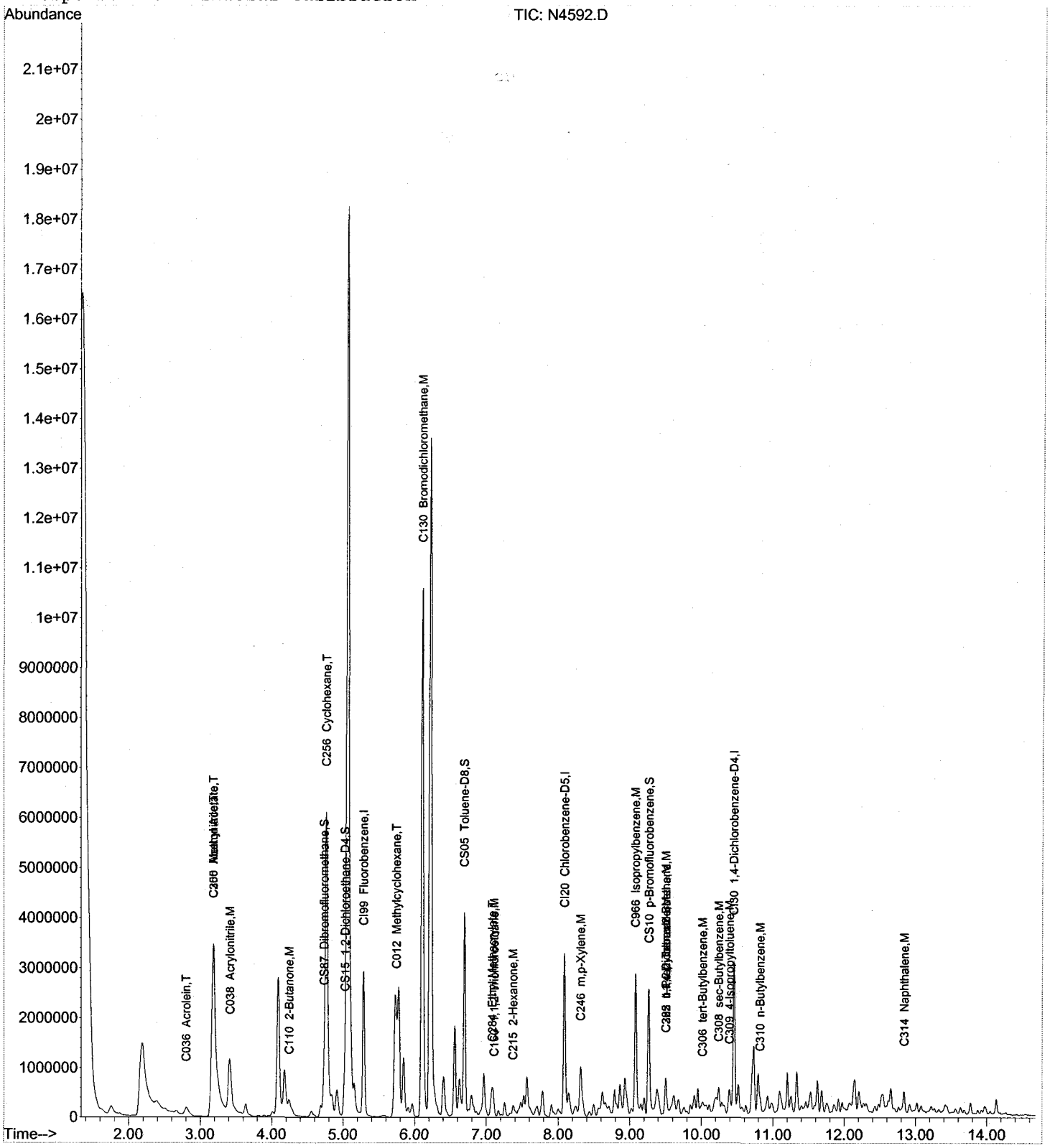
Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2791835	1347751 - 5391002	
CHLOROBENZENE-d5	1808316	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	845806	411710 - 1646840	

Comments:

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\N\040905\N4592.D Vial: 21
Acq On : 9 Apr 2005 18:07 Operator: DWW
Sample : A5283111 DF5 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: Rteint.p
Quant Time: Apr 11 7:23 2005 Quant Results File: A5I001366.RES

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001366.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Sat Apr 09 10:05:07 2005
Response via : Initial Calibration



AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005

Calibration ID: A5I0001366 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.416	100.0	0.434	250.0	0.434	500.0	0.449	1000.0	0.454	3.400	
BROMOMETHANE	12.5	0.231	100.0	0.239	250.0	0.226	500.0	0.229	1000.0	0.210	4.800	
VINYL CHLORIDE	12.5	0.420	100.0	0.485	250.0	0.473	500.0	0.498	1000.0	0.459	6.400	
BROMOCHLOROMETHANE	12.5	0.106	100.0	0.104	250.0	0.104	500.0	0.105	1000.0	0.104	1.000	
CHLOROETHANE	12.5	0.267	100.0	0.270	250.0	0.262	500.0	0.264	1000.0	0.240	4.700	
METHYLENE CHLORIDE	12.5	0.561	100.0	0.320	250.0	0.304	500.0	0.297	1000.0	0.291	32.700	✓ OK Linear JM 4/22/05
ACETONE	62.5	0.019	500.0	0.015	1250.0	0.020	2500.0	0.015	5000.0	0.019	14.100	
1,1-DICHLOROETHENE	12.5	0.268	100.0	0.288	250.0	0.278	500.0	0.280	1000.0	0.271	2.900	
1,1-DICHLOROETHANE	12.5	0.562	100.0	0.585	250.0	0.576	500.0	0.570	1000.0	0.545	2.600	
1-CHLOROHEXANE	12.5	0.641	100.0	0.719	250.0	0.691	500.0	0.697	1000.0	0.664	4.400	
cis-1,2-DICHLOROETHYLENE	12.5	0.316	100.0	0.321	250.0	0.316	500.0	0.316	1000.0	0.304	2.000	
trans-1,2-DICHLOROETHENE	12.5	0.280	100.0	0.301	250.0	0.295	500.0	0.289	1000.0	0.274	3.700	
CHLOROFORM	12.5	0.620	100.0	0.511	250.0	0.502	500.0	0.497	1000.0	0.474	11.000	
1,2-DICHLOROETHANE	12.5	0.309	100.0	0.312	250.0	0.317	500.0	0.316	1000.0	0.314	1.000	
METHYL ETHYL KETONE (2-BUTA	62.5	0.058	500.0	0.051	1250.0	0.053	2500.0	0.056	5000.0	0.054	5.100	
1,1,1-TRICHLOROETHANE	12.5	0.350	100.0	0.408	250.0	0.397	500.0	0.404	1000.0	0.386	6.000	
CARBON TETRACHLORIDE	12.5	0.285	100.0	0.334	250.0	0.329	500.0	0.337	1000.0	0.323	6.600	
BROMODICHLOROMETHANE	12.5	0.335	100.0	0.349	250.0	0.356	500.0	0.360	1000.0	0.358	2.900	
1,2-DICHLOROPROPANE	12.5	0.341	100.0	0.333	250.0	0.335	500.0	0.330	1000.0	0.319	2.500	
cis-1,3-DICHLOROPROPENE	12.5	0.361	100.0	0.383	250.0	0.395	500.0	0.399	1000.0	0.399	4.100	
TRICHLOROETHYLENE (TCE)	12.5	0.303	100.0	0.315	250.0	0.312	500.0	0.306	1000.0	0.294	2.700	
DIBROMOCHLOROMETHANE	12.5	0.263	100.0	0.288	250.0	0.293	500.0	0.304	1000.0	0.314	6.600	
1,1,2-TRICHLOROETHANE	12.5	0.161	100.0	0.165	250.0	0.166	500.0	0.165	1000.0	0.162	1.200	
BENZENE	12.5	1.311	100.0	1.358	250.0	1.340	500.0	1.318	1000.0	1.262	2.800	
trans-1,3-DICHLOROPROPENE	12.5	0.465	100.0	0.496	250.0	0.498	500.0	0.497	1000.0	0.494	2.900	
BROMOFORM	12.5	0.126	100.0	0.141	250.0	0.147	500.0	0.158	1000.0	0.164	10.200	
METHYL ISOBUTYL KETONE (4-M	62.5	0.492	500.0	0.499	1250.0	0.509	2500.0	0.479	5000.0	0.645	12.900	
TETRACHLOROETHYLENE(PCE)	12.5	0.427	100.0	0.444	250.0	0.423	500.0	0.429	1000.0	0.414	2.500	
1,1,2,2-TETRACHLOROETHANE	12.5	0.660	100.0	0.650	250.0	0.667	500.0	0.654	1000.0	0.818	10.400	
TOLUENE	12.5	0.790	100.0	0.837	250.0	0.826	500.0	0.809	1000.0	0.770	3.300	
CHLOROBENZENE	12.5	1.216	100.0	1.246	250.0	1.217	500.0	1.212	1000.0	1.176	2.000	
ETHYLBENZENE	12.5	2.194	100.0	2.353	250.0	2.281	500.0	2.267	1000.0	2.097	4.300	
STYRENE	12.5	1.315	100.0	1.447	250.0	1.455	500.0	1.461	1000.0	1.359	4.700	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005

Calibration ID: A510001366 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
1,1,1,2-TETRACHLOROETHANE	12.5	0.338	100.0	0.356	250.0	0.347	500.0	0.354	1000.0	0.340	2.400	
1,1-DICHLOROPROPENE	12.5	0.425	100.0	0.459	250.0	0.450	500.0	0.440	1000.0	0.418	3.900	
1,2,3-TRICHLOROBENZENE	12.5	1.084	100.0	0.984	250.0	0.977	500.0	0.935	1000.0	0.603	20.000	
1,2,3-TRICHLOROPROPANE	12.5	0.191	100.0	0.188	250.0	0.189	500.0	0.181	1000.0	0.226	9.000	
1,2,4-TRICHLOROBENZENE	12.5	1.288	100.0	1.210	250.0	1.191	500.0	1.130	1000.0	0.739	19.400	
1,2,4-TRIMETHYLBENZENE	12.5	3.779	100.0	4.108	250.0	4.029	500.0	3.884	1000.0	3.659	4.700	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.104	100.0	0.100	250.0	0.104	500.0	0.107	1000.0	0.111	3.900	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.254	100.0	0.264	250.0	0.261	500.0	0.266	1000.0	0.275	2.900	
1,2-DICHLOROBENZENE	12.5	1.726	100.0	1.703	250.0	1.697	500.0	1.667	1000.0	1.569	3.700	
1,3,5-TRIMETHYLBENZENE (MES	12.5	3.699	100.0	4.051	250.0	3.985	500.0	3.810	1000.0	3.795	3.800	
1,3-DICHLOROBENZENE	12.5	1.956	100.0	1.917	250.0	1.900	500.0	1.790	1000.0	1.738	4.900	
1,3-DICHLOROPROPANE	12.5	0.601	100.0	0.596	250.0	0.583	500.0	0.591	1000.0	0.604	1.400	
1,4-DICHLOROBENZENE	12.5	1.926	100.0	1.953	250.0	1.933	500.0	1.871	1000.0	1.827	2.700	
2,2-DICHLOROPROPANE	12.5	0.271	100.0	0.289	250.0	0.282	500.0	0.282	1000.0	0.249	5.700	
2-CHLOROTOLUENE	12.5	0.951	100.0	0.998	250.0	0.978	500.0	0.942	1000.0	1.030	3.600	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	3.907	100.0	4.349	250.0	4.204	500.0	3.920	1000.0	3.446	8.700	
BROMOBENZENE	12.5	0.911	100.0	0.917	250.0	0.906	500.0	0.870	1000.0	1.020	6.100	
DIBROMOMETHANE	12.5	0.124	100.0	0.122	250.0	0.121	500.0	0.124	1000.0	0.123	0.900	
DICHLORODIFLUOROMETHANE	12.5	0.292	100.0	0.351	250.0	0.324	500.0	0.349	1000.0	0.351	7.700	
NAPHTHALENE	12.5	1.961	100.0	1.849	250.0	1.952	500.0	1.928	1000.0	1.376	13.700	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	0.835	100.0	0.868	250.0	0.848	500.0	0.856	1000.0	0.774	4.400	
TRICHLOROFLUOROMETHANE	12.5	0.328	100.0	0.459	250.0	0.448	500.0	0.475	1000.0	0.440	13.600	
n-BUTYLBENZENE	12.5	3.892	100.0	4.276	250.0	4.183	500.0	3.953	1000.0	3.211	10.700	
n-PROPYLBENZENE	12.5	5.581	100.0	6.102	250.0	5.926	500.0	5.572	1000.0	5.755	3.900	
4-CHLOROTOLUENE	12.5	1.005	100.0	1.051	250.0	1.038	500.0	0.998	1000.0	1.081	3.300	
SEC-BUTYLBENZENE	12.5	4.654	100.0	5.121	250.0	4.988	500.0	4.701	1000.0	4.520	5.200	
tert-BUTYL METHYL ETHER	12.5	0.639	100.0	0.660	250.0	0.666	500.0	0.665	1000.0	0.657	1.700	
t-BUTYLBENZENE	12.5	0.770	100.0	0.778	250.0	0.770	500.0	0.731	1000.0	0.732	3.000	
HEXACHLOROBUTADIENE	12.5	0.868	100.0	0.751	250.0	0.719	500.0	0.662	1000.0	0.467	21.200	
ISOPROPYLBENZENE (CUMENE)	12.5	4.400	100.0	4.851	250.0	4.715	500.0	4.459	1000.0	4.952	5.100	
M,P-XYLENE(SUM OF ISOMERS)	25.0	0.878	200.0	0.923	500.0	0.883	1000.0	0.865	2000.0	0.792	5.500	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005

Calibration ID: A510001366 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:
See Case Narrative

Response Factor Report HP5973 N

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001366.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Fri Apr 08 10:25:15 2005
Response via : Initial Calibration

Calibration Files
1 =N4544.D 2 =N4543.D 3 =N4542.D
4 =N4541.D 5 =N4540.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	----------ISTD----------						
2)	M	C290	Dichlorodifluor	0.292	0.351	0.324	0.349	0.351	0.333	7.68
3)	M	C010	Chloromethane	0.416	0.434	0.434	0.449	0.454	0.437	3.44
4)	M	C020	Vinyl chloride	0.420	0.485	0.473	0.498	0.459	0.467	6.44
5)	M	C015	Bromomethane	0.231	0.239	0.226	0.229	0.210	0.227	4.77
6)	M	C025	Chloroethane	0.267	0.270	0.262	0.264	0.240	0.261	4.68
7)	M	C275	Trichlorofluoro	0.328	0.459	0.448	0.475	0.440	0.430	13.56
8)	T	C291	1,1,2 Trichloro	0.211	0.224	0.212	0.235	0.218	0.220	4.54
9)	M	C045	1,1-Dichloroeth	0.268	0.288	0.278	0.280	0.271	0.277	2.87
10)	T	C255	Methyl Acetate	0.148	0.125	0.137	0.140	0.143	0.138	6.13
11)	M	C030	Methylene chlor	0.561	0.319	0.304	0.297	0.291	-----	
								L M=	0.287	R^2=1.000
								B=	0.015	R=1.000
12)	M	C040	Carbon disulfid	1.046	1.044	1.015	1.013	0.979	1.019	2.72
13)	T	C036	Acrolein	0.001	0.000	0.001	0.000	0.000	0.001	55.04 ~ LF
14)	M	C038	Acrylonitrile	0.045	0.035	0.035	0.036	0.036	0.037	11.86
15)	M	C035	Acetone	0.019	0.015	0.020	0.015	0.019	0.017	14.14
16)	T	C300	Acetonitrile	0.004	0.004	0.004	0.004	0.003	0.004	11.55
17)	M	C276	Iodomethane	0.340	0.357	0.350	0.350	0.333	0.346	2.75
18)	M	C962	T-butyl Methyl	0.639	0.660	0.666	0.665	0.657	0.657	1.68
19)	M	C057	trans-1,2-Dichl	0.280	0.301	0.295	0.289	0.274	0.288	3.73
20)	M	C050	1,1-Dichloroeth	0.562	0.585	0.576	0.569	0.545	0.568	2.65
21)	M	C125	Vinyl Acetate	0.341	0.355	0.359	0.353	0.348	0.351	2.03
22)	M	C051	2,2-Dichloropro	0.270	0.289	0.282	0.282	0.249	0.275	5.73
23)	M	C056	cis-1,2-Dichlor	0.316	0.320	0.316	0.315	0.304	0.314	2.02
24)	T	C272	Tetrahydrofuran	0.029	0.033	0.034	0.034	0.034	0.033	7.45
25)	M	C222	Bromochlorometh	0.106	0.104	0.104	0.105	0.104	0.105	0.99
26)	M	C060	Chloroform	0.620	0.511	0.502	0.497	0.474	0.521	10.95
27)	T	C256	Cyclohexane	0.534	0.616	0.597	0.601	0.574	0.584	5.43
28)	S	CS87	Dibromofluorome	0.226	0.236	0.204	0.216	0.215	0.219	5.65
29)	M	C115	1,1,1-Trichloro	0.350	0.408	0.397	0.404	0.386	0.389	6.01
30)	M	C120	Carbon Tetrachl	0.285	0.334	0.329	0.337	0.322	0.321	6.58
31)	M	C116	1,1-Dichloropro	0.425	0.459	0.450	0.440	0.418	0.438	3.93
32)	S	CS15	1,2-Dichloroeth	0.262	0.254	0.218	0.236	0.240	0.242	6.98
33)	M	C165	Benzene	1.311	1.358	1.340	1.318	1.262	1.318	2.77
34)	M	C065	1,2-Dichloroeth	0.309	0.312	0.317	0.316	0.314	0.313	1.00
35)	M	C110	2-Butanone	0.058	0.051	0.053	0.056	0.054	0.054	5.05
36)	M	C150	Trichloroethene	0.303	0.315	0.312	0.306	0.294	0.306	2.69
37)	M	C140	1,2-Dichloropro	0.341	0.333	0.335	0.330	0.319	0.331	2.48
38)	M	C278	Dibromomethane	0.123	0.122	0.121	0.124	0.123	0.123	0.94
39)	T	C012	Methylcyclohexa	0.538	0.615	0.617	0.605	0.578	0.590	5.66
40)	M	C130	Bromodichlorome	0.335	0.349	0.356	0.360	0.358	0.352	2.93
41)	T	C161	2-Chloroethylvi	0.138	0.145	0.148	0.141	0.138	0.142	3.06
42)	M	C230	Toluene	0.790	0.837	0.825	0.809	0.770	0.806	3.32
43)	M	C170	trans-1,3-Dichl	0.465	0.496	0.498	0.497	0.494	0.490	2.91
44)	M	C160	1,1,2-Trichloro	0.161	0.165	0.166	0.165	0.162	0.164	1.26
45)	M	C145	cis-1,3-Dichlor	0.361	0.383	0.395	0.399	0.399	0.388	4.12
46)	I	CI20	Chlorobenzene-D	----------ISTD----------						
47)	S	CS05	Toluene-D8	1.750	1.824	1.602	1.685	1.690	1.710	4.82
48)	T	C284	Ethyl Methacryl	0.409	0.454	0.467	0.471	0.491	0.458	6.70
49)	M	C220	Tetrachloroethe	0.427	0.443	0.423	0.429	0.414	0.427	2.53

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 N

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001366.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Fri Apr 08 10:25:15 2005
Response via : Initial Calibration

Calibration Files
1 =N4544.D 2 =N4543.D 3 =N4542.D
4 =N4541.D 5 =N4540.D

			Compound	1	2	3	4	5	Avg	%RSD
50)	M	C221	1,3-Dichloropro	0.601	0.596	0.583	0.591	0.604	0.595	1.43
51)	M	C155	Dibromochlorome	0.263	0.288	0.292	0.304	0.314	0.292	6.61
52)	M	C163	1,2-Dibromoetha	0.254	0.264	0.261	0.266	0.275	0.264	2.89
53)	M	C215	2-Hexanone	0.159	0.163	0.167	0.166	0.175	0.166	3.45
54)	M	C235	Chlorobenzene	1.216	1.246	1.217	1.212	1.176	1.213	2.04
55)	M	D001	1-Chlorohexane	0.641	0.719	0.691	0.697	0.664	0.682	4.44
56)	M	C281	1,1,1,2-Tetrach	0.337	0.356	0.347	0.354	0.339	0.347	2.45
57)	M	C240	Ethylbenzene	2.194	2.353	2.281	2.267	2.097	2.238	4.34
58)	M	C246	m,p-Xylene	0.878	0.923	0.883	0.865	0.792	0.868	5.51
59)	M	C247	o-Xylene	0.835	0.868	0.848	0.856	0.774	0.836	4.39
60)	M	C245	Styrene	1.315	1.447	1.455	1.461	1.359	1.407	4.72
61)	M	C180	Bromoform	0.126	0.141	0.147	0.158	0.164	0.147	10.24
62)	S	CS10	p-Bromofluorobe	0.436	0.435	0.376	0.413	0.394	0.411	6.31
63)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
64)	M	C210	4-Methyl-2-pent	0.492	0.499	0.508	0.479	0.645	0.525	12.94
65)	M	C966	Isopropylbenzen	4.400	4.851	4.715	4.459	4.952	4.675	5.14
66)	M	C301	Bromobenzene	0.911	0.917	0.906	0.870	1.020	0.925	6.08
67)	M	C225	1,1,2,2-Tetrach	0.660	0.650	0.667	0.654	0.818	0.690	10.43
68)	M	C282	1,2,3-Trichloro	0.191	0.188	0.189	0.181	0.226	0.195	9.02
69)	M	C283	t-1,4-Dichloro-	0.111	0.138	0.154	0.153	0.203	0.152	22.08
70)	M	C302	n-Propylbenzene	5.581	6.102	5.926	5.572	5.755	5.787	3.94
71)	M	C303	2-Chlorotoluene	0.951	0.998	0.978	0.942	1.030	0.980	3.65
72)	M	C289	4-Chlorotoluene	1.005	1.051	1.037	0.998	1.081	1.034	3.28
73)	M	C304	1,3,5-Trimethyl	3.699	4.051	3.985	3.810	3.795	3.868	3.75
74)	M	C306	tert-Butylbenze	0.770	0.778	0.770	0.731	0.732	0.756	3.02
75)	M	C307	1,2,4-Trimethyl	3.779	4.108	4.029	3.884	3.659	3.892	4.68
76)	M	C308	sec-Butylbenzen	4.654	5.121	4.988	4.701	4.520	4.797	5.19
77)	M	C260	1,3-Dichloroben	1.956	1.917	1.900	1.790	1.738	1.860	4.95
78)	M	C309	4-Isopropyltolu	3.907	4.349	4.204	3.920	3.446	3.965	8.73
79)	M	C267	1,4-Dichloroben	1.925	1.953	1.933	1.871	1.827	1.902	2.71
80)	M	C249	1,2-Dichloroben	1.726	1.703	1.697	1.667	1.569	1.672	3.68
81)	M	C310	n-Butylbenzene	3.892	4.276	4.183	3.953	3.211	3.903	10.71
82)	M	C286	1,2-Dibromo-3-C	0.104	0.100	0.104	0.107	0.111	0.105	3.88
83)	M	C313	1,2,4-Trichloro	1.288	1.210	1.191	1.130	0.739	1.112	19.41
84)	M	C316	Hexachlorobutad	0.868	0.751	0.719	0.662	0.467	0.693	21.23
85)	M	C314	Naphthalene	1.961	1.849	1.952	1.928	1.376	1.813	13.69
86)	M	C934	1,2,3-Trichloro	1.084	0.984	0.977	0.935	0.603	0.917	20.04

Total Average %RSD 6.55

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005 Calibration ID: A5I0001366

2nd Source ID: A5S0000087 CCV #1 ID: A5C0003347 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	206	-17.6	250.00	210	-16.0			
BROMOMETHANE	250.00	211	-15.6	250.00	212	-15.2			
VINYL CHLORIDE	250.00	202	-19.2	250.00	203	-18.8			
BROMOCHLOROMETHANE	250.00	257	2.8	250.00	265	6.0			
CHLOROETHANE	250.00	210	-16.0	250.00	220	-12.0			
METHYLENE CHLORIDE	250.00	263	5.2	250.00	256	2.4			
ACETONE	1250.00	1200	-4.0	1250.00	1270	1.6			
1,1-DICHLOROETHENE	250.00	271	8.4	250.00	254	1.6			
1,1-DICHLOROETHANE	250.00	257	2.8	250.00	260	4.0			
1-CHLOROHEXANE	250.00	265	6.0	250.00	254	1.6			
cis-1,2-DICHLOROETHYLENE	250.00	255	2.0	250.00	262	4.8			
trans-1,2-DICHLOROETHENE	250.00	273	9.2	250.00	258	3.2			
CHLOROFORM	250.00	245	-2.0	250.00	246	-1.6			
1,2-DICHLOROETHANE	250.00	255	2.0	250.00	263	5.2			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1300	4.0	1250.00	1420	13.6			
1,1,1-TRICHLOROETHANE	250.00	263	5.2	250.00	257	2.8			
CARBON TETRACHLORIDE	250.00	270	8.0	250.00	263	5.2			
BROMODICHLOROMETHANE	250.00	257	2.8	250.00	262	4.8			
1,2-DICHLOROPROPANE	250.00	252	0.8	250.00	258	3.2			
cis-1,3-DICHLOROPROPENE	250.00	264	5.6	250.00	264	5.6			
TRICHLOROETHYLENE (TCE)	250.00	261	4.4	250.00	259	3.6			
DIBROMOCHLOROMETHANE	250.00	259	3.6	250.00	256	2.4			
1,1,2-TRICHLOROETHANE	250.00	254	1.6	250.00	264	5.6			
BENZENE	250.00	261	4.4	250.00	260	4.0			
trans-1,3-DICHLOROPROPENE	250.00	262	4.8	250.00	262	4.8			
BROMOFORM	250.00	264	5.6	250.00	259	3.6			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1220	-2.4	1250.00	1270	1.6			
TETRACHLOROETHYLENE(PCE)	250.00	259	3.6	250.00	256	2.4			
1,1,2,2-TETRACHLOROETHANE	250.00	238	-4.8	250.00	254	1.6			
TOLUENE	250.00	259	3.6	250.00	260	4.0			
CHLOROBENZENE	250.00	255	2.0	250.00	253	1.2			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005 Calibration ID: A5I0001366

2nd Source ID: A5S0000087 CCV #1 ID: A5C0003347 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ETHYLBENZENE	250.00	263	5.2	250.00	259	3.6			
STYRENE	250.00	262	4.8	250.00	261	4.4			
1,1,1,2-TETRACHLOROETHANE	250.00	259	3.6	250.00	257	2.8			
1,1-DICHLOROPROPENE	250.00	264	5.6	250.00	261	4.4			
1,2,3-TRICHLOROBENZENE	250.00	261	4.4	250.00	266	6.4			
1,2,3-TRICHLOROPROPANE	250.00	241	-3.6	250.00	250	0.0			
1,2,4-TRICHLOROBENZENE	250.00	265	6.0	250.00	270	8.0			
1,2,4-TRIMETHYLBENZENE	250.00	258	3.2	250.00	256	2.4			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	236	-5.6	250.00	259	3.6			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	258	3.2	250.00	258	3.2			
1,2-DICHLOROBENZENE	250.00	251	0.4	250.00	254	1.6			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	257	2.8	250.00	256	2.4			
1,3-DICHLOROBENZENE	250.00	252	0.8	250.00	252	0.8			
1,3-DICHLOROPROPANE	250.00	255	2.0	250.00	252	0.8			
1,4-DICHLOROBENZENE	250.00	251	0.4	250.00	252	0.8			
2,2-DICHLOROPROPANE	250.00	273	9.2	250.00	256	2.4			
2-CHLOROTOLUENE	250.00	253	1.2	250.00	247	-1.2			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	257	2.8	250.00	264	5.6			
BROMOBENZENE	250.00	243	-2.8	250.00	243	-2.8			
DIBROMOMETHANE	250.00	254	1.6	250.00	260	4.0			
DICHLORODIFLUOROMETHANE	250.00	212	-15.2	250.00	203	-18.8			
NAPHTHALENE	250.00	260	4.0	250.00	273	9.2			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	260	4.0	250.00	258	3.2			
TRICHLOROFLUOROMETHANE	250.00	214	-14.4	250.00	240	-4.0			
n-BUTYLBENZENE	250.00	270	8.0	250.00	266	6.4			
n-PROPYLBENZENE	250.00	254	1.6	250.00	256	2.4			
4-CHLOROTOLUENE	250.00	249	-0.4	250.00	249	-0.4			
SEC-BUTYLBENZENE	250.00	270	8.0	250.00	259	3.6			
tert-BUTYL METHYL ETHER	250.00	263	5.2	250.00	264	5.6			
t-BUTYLBENZENE	250.00	253	1.2	250.00	252	0.8			
HEXACHLOROBUTADIENE	250.00	258	3.2	250.00	254	1.6			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005 Calibration ID: A5I0001366

2nd Source ID: A5S0000087 CCV #1 ID: A5C0003347 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ISOPROPYLBENZENE (CUMENE)	250.00	233	-6.8	250.00	251	0.4			
M,P-XYLENE(SUM OF ISOMERS)	500.00	519	3.8	500.00	517	3.4			

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 8-Apr-2005

SPCC #1 ID: A5I0001366 SPCC #2 ID: A5C0003347 SPCC #3 ID: _____

CCC #1 ID: A5C0003347 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.4370	0.1000	0.3667	0.1000									
VINYL CHLORIDE							250.00	203	18.8				
1,1-DICHLOROETHENE							250.00	254	1.6				
1,1-DICHLOROETHANE	0.5680	0.1000	0.5897	0.1000									
CHLOROFORM							250.00	246	1.6				
1,2-DICHLOROPROPANE							250.00	258	3.2				
BROMOFORM	0.1470	0.1000	0.1524	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.6900	0.3000	0.7006	0.3000									
TOLUENE							250.00	260	4.0				
CHLOROBENZENE	1.2130	0.3000	1.2283	0.3000									
ETHYLBENZENE							250.00	259	3.6				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0530502

Initial Calibration ID: A5I0001366

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.16	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0530502

Initial Calibration ID: A5I0001366

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.23	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98
Lab Name: STL Buffalo
Concentration Units (ug/L or mg/kg): UG/L
Initial Calibration ID: A5I0001366

AAB #: A5B05305
Contract #: _____
Method Blank ID: A5B0530502

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	93	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	95	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2642871	1347751 - 5391002	
CHLOROBENZENE-d5	1723102	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	792418	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0530501 Units: UG/L

Initial Calibration ID: A5I0001366

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	61.1	122	40 - 135	
BENZENE	10.0	10.9	109	81 - 122	
BROMOBENZENE	10.0	10.2	103	76 - 124	
BROMOCHLOROMETHANE	10.0	11.1	111	65 - 129	
BROMODICHLOROMETHANE	10.0	10.7	108	76 - 121	
BROMOFORM	10.0	10.8	109	69 - 128	
BROMOMETHANE	10.0	8.90	89	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	54.7	109	49 - 136	
n-BUTYLBENZENE	10.0	11.3	113	69 - 137	
SEC-BUTYLBENZENE	10.0	11.4	114	72 - 127	
t-BUTYLBENZENE	10.0	10.7	108	70 - 129	
CARBON TETRACHLORIDE	10.0	11.2	112	66 - 138	
CHLOROBENZENE	10.0	10.7	107	81 - 122	
CHLOROETHANE	10.0	8.64	86	58 - 133	
CHLOROFORM	10.0	10.3	104	69 - 128	
CHLOROMETHANE	10.0	8.75	88	56 - 131	
2-CHLOROTOLUENE	10.0	10.7	107	73 - 126	
4-CHLOROTOLUENE	10.0	10.5	105	74 - 128	
DIBROMOCHLOROMETHANE	10.0	10.6	107	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	10.5	105	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	10.8	108	80 - 121	
DIBROMOMETHANE	10.0	11.0	110	76 - 125	
1,2-DICHLOROBENZENE	10.0	10.6	106	71 - 122	
1,3-DICHLOROBENZENE	10.0	10.6	106	75 - 124	
1,4-DICHLOROBENZENE	10.0	10.7	107	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	9.11	91	53 - 153	
1,1-DICHLOROETHANE	10.0	10.8	108	69 - 133	
1,2-DICHLOROETHANE	10.0	10.7	108	69 - 132	
1,1-DICHLOROETHENE	10.0	11.5	115	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	10.7	107	72 - 126	
trans-1,2-DICHLOROETHENE	10.0	11.4	115	63 - 137	
1,2-DICHLOROPROPANE	10.0	10.4	104	75 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0530501 Units: UG/L

Initial Calibration ID: A5I0001366

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DICHLOROPROPANE	10.0	10.6	107	73 - 126	
2,2-DICHLOROPROPANE	10.0	10.8	108	69 - 137	
1,1-DICHLOROPROPENE	10.0	11.0	110	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	11.0	111	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	10.8	109	59 - 135	
ETHYLBENZENE	10.0	10.8	108	73 - 127	
HEXACHLOROBUTADIENE	10.0	10.8	109	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	9.90	99	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	10.7	108	73 - 130	
METHYLENE CHLORIDE	10.0	10.9	110	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	52.5	105	58 - 134	
NAPHTHALENE	10.0	11.4	114	54 - 138	
n-PROPYLBENZENE	10.0	10.7	107	72 - 129	
STYRENE	10.0	10.8	108	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	10.8	108	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	10.5	105	63 - 128	
TETRACHLOROETHYLENE(PCE)	10.0	10.7	107	66 - 128	
TOLUENE	10.0	10.9	109	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	11.3	113	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	11.4	115	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	10.8	108	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	10.9	109	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	11.0	110	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	9.10	91	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	10.5	105	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	10.9	109	74 - 132	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	10.8	109	74 - 131	
VINYL CHLORIDE	10.0	8.44	84	50 - 134	
tert-BUTYL METHYL ETHER	10.0	11.1	112	65 - 123	
1-CHLOROHEXANE	10.0	10.8	109	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	10.7	108	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	21.6	108	76 - 128	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0530501 Units: UG/L

Initial Calibration ID: A5I0001366

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	99	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	97	76 - 119	
1,2-DICHLOROETHANE-d4	98	72 - 119	
DIBROMOFLUOROMETHANE	99	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2583205	1347751 - 5391002	
CHLOROBENZENE-d5	1693433	886978 - 3547910	
1,4-DICHLOROBENZENE-d4	790296	411710 - 1646840	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8260-A98 AAB#: A5B05305

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613MA Units: UG/L % Solids: 0.00

MS ID: A5283102MS MSD ID: A5283102SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
ACETONE	0	50.0	61.3	123	56.7	114	8	40-135	20	
BENZENE	0	10.0	10.0	100	9.85	98	2	81-122	20	
BROMOBENZENE	0	10.0	9.72	97	9.59	96	1	76-124	20	
BROMOCHLOROMETHANE	0	10.0	10.5	105	10.3	104	1	65-129	20	
BROMODICHLOROMETHANE	0	10.0	11.3	114	11.0	110	4	76-121	20	
BROMOFORM	0	10.0	8.16	82	7.90	79	4	69-128	20	
BROMOMETHANE	0	10.0	8.16	82	8.07	81	1	53-141	20	
METHYL ETHYL KETONE (2-BUTANONE)	0	50.0	49.7	99	47.2	94	5	49-136	20	
n-BUTYLBENZENE	3.30	10.0	12.0	87	12.1	88	1	69-137	20	
SEC-BUTYLBENZENE	8.01	10.0	15.0	70	15.3	73	4	72-127	20	*
t-BUTYLBENZENE	1.80	10.0	11.7	99	11.6	98	1	70-129	20	
CARBON TETRACHLORIDE	0	10.0	9.69	97	9.60	96	1	66-138	20	
CHLOROBENZENE	0	10.0	10.5	105	10.5	106	0.	81-122	20	
CHLOROETHANE	0.361	10.0	8.69	83	8.56	82	1	58-133	20	
CHLOROFORM	0	10.0	9.96	100	9.65	96	4	69-128	20	
CHLOROMETHANE	0.287	10.0	7.59	73	7.59	73	0	56-131	20	
2-CHLOROTOLUENE	0	10.0	10.2	103	10.1	102	1	73-126	20	
4-CHLOROTOLUENE	0	10.0	9.83	98	9.62	96	2	74-128	20	
DIBROMOCHLOROMETHANE	0	10.0	8.94	89	8.80	88	1	66-133	20	
1,2-DIBROMO-3-CHLOROPROPANE	0	10.0	9.61	96	9.10	91	5	50-132	20	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0	10.0	10.1	102	10.0	100	2	80-121	20	
DIBROMOMETHANE	0	10.0	10.5	106	10.1	101	5	76-125	20	
1,2-DICHLOROBENZENE	0	10.0	10.1	102	10.0	100	2	71-122	20	
1,3-DICHLOROBENZENE	0	10.0	10.3	104	10.1	101	3	75-124	20	
1,4-DICHLOROBENZENE	0	10.0	10.2	103	10.1	102	1	74-123	20	
DICHLORODIFLUOROMETHANE	0	10.0	8.14	81	8.30	83	2	53-153	20	
1,1-DICHLOROETHANE	0	10.0	10.6	106	10.4	104	2	69-133	20	
1,2-DICHLOROETHANE	0	10.0	9.90	99	9.55	96	3	69-132	20	
1,1-DICHLOROETHENE	0	10.0	10.8	109	10.8	109	0	68-130	20	
cis-1,2-DICHLOROETHYLENE	0	10.0	10.5	105	10.3	104	1	72-126	20	

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8260-A98 AAB#: A5B05305

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613MA Units: UG/L % Solids: 0.00

MS ID: A5283102MS MSD ID: A5283102SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
trans-1,2-DICHLOROETHENE	0	10.0	11.0	110	10.8	109	0.	63-137	20	
1,2-DICHLOROPROPANE	0	10.0	10.1	101	9.95	100	1	75-125	20	
1,3-DICHLOROPROPANE	0	10.0	10.0	101	9.88	99	2	73-126	20	
2,2-DICHLOROPROPANE	0	10.0	10.3	103	10.3	103	0	69-137	20	
1,1-DICHLOROPROPENE	0	10.0	10.3	103	10.1	101	2	73-132	20	
cis-1,3-DICHLOROPROPENE	0	10.0	7.68	77	7.55	76	1	69-131	20	
trans-1,3-DICHLOROPROPENE	0	10.0	8.28	83	8.06	81	2	59-135	20	
ETHYLBENZENE	0	10.0	9.66	97	9.68	97	0	73-127	20	
HEXACHLOROBUTADIENE	0	10.0	10.1	102	10.2	102	0	67-131	20	
ISOPROPYLBENZENE (CUMENE)	9.45	10.0	14.3	49	14.7	52	6	75-127	20	*
P-CYMENE (p-ISOPROPYLTOLUENE)	0	10.0	9.09	91	8.97	90	1	73-130	20	
METHYLENE CHLORIDE	0	10.0	10.3	103	10.0	100	3	63-137	20	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	0	50.0	54.1	108	52.8	106	2	58-134	20	
NAPHTHALENE	0.211	10.0	10.7	105	10.3	102	3	54-138	20	
n-PROPYLBENZENE	9.27	10.0	14.5	53	14.8	55	4	72-129	20	*
STYRENE	0	10.0	2.24	22	2.40	24	9	65-134	20	*
1,1,1,2-TETRACHLOROETHANE	0	10.0	10.4	104	10.3	103	1	81-129	20	
1,1,2,2-TETRACHLOROETHANE	0	10.0	9.58	96	9.85	98	2	63-128	20	
TETRACHLOROETHYLENE(PCE)	0	10.0	10.6	107	10.7	108	0.	66-128	20	
TOLUENE	0	10.0	9.61	96	9.43	94	2	77-122	20	
1,2,3-TRICHLOROBENZENE	0	10.0	10.4	104	10.2	103	1	67-137	20	
1,2,4-TRICHLOROBENZENE	0	10.0	10.8	108	10.5	106	2	66-134	20	
1,1,1-TRICHLOROETHANE	0	10.0	10.0	100	9.83	98	2	67-132	20	
1,1,2-TRICHLOROETHANE	0	10.0	10.6	106	10.4	105	0.	75-125	20	
TRICHLOROETHYLENE (TCE)	0	10.0	10.6	106	10.3	104	2	70-127	20	
TRICHLOROFLUOROMETHANE	0	10.0	8.70	87	8.51	85	2	57-129	20	
1,2,3-TRICHLOROPROPANE	0	10.0	11.2	113	11.2	112	0.	73-124	20	
1,2,4-TRIMETHYLBENZENE	0	10.0	6.36	64	6.06	61	5	74-132	20	*
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0	10.0	5.06	51	4.88	49	4	74-131	20	*
VINYL CHLORIDE	0	10.0	7.88	79	7.74	77	2	50-134	20	

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8260-A98 AAB#: A5B05305

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613MA Units: UG/L % Solids: 0.00

MS ID: A5283102MS MSD ID: A5283102SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
tert-BUTYL METHYL ETHER	0	10.0	10.5	106	10.0	101	5	65-123	20	
1-CHLOROHEXANE	0	10.0	10.8	109	10.9	109	0	70-125	20	
O-XYLENE (1,2-DIMETHYLBENZENE)	0	10.0	8.14	81	8.05	80	1	80-121	20	
M,P-XYLENE(SUM OF ISOMERS)	0	20.0	15.7	78	15.5	78	0	76-128	20	

Comments:

See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98 AAB#: A5B05305

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
032905ME	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
032905MF	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
032905MR	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3CE313MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M11613MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M11613MC	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M11613MD	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M11613MS	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M11713MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M119R13MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M121R12MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M12313MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M12613MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M12814MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M13114MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M13217MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M13316MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	
TF3M2114MA	29-Mar-2005	30-Mar-2005	9-Apr-2005	14.00	11.00	9-Apr-2005	14.00	11.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B05305

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973N

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0003347	09-Apr-2005	0932	09-Apr-2005	1016
MSB07	09-Apr-2005	1017	09-Apr-2005	1129
VBLK07	09-Apr-2005	1130	09-Apr-2005	1154
ZZZZZZZZZZZZZZZZZZZZ	09-Apr-2005	1155	09-Apr-2005	1217
ZZZZZZZZZZZZZZZZZZZZ	09-Apr-2005	1218	09-Apr-2005	1242
TF3CE313MA	09-Apr-2005	1243	09-Apr-2005	1305
TF3M11613MA	09-Apr-2005	1306	09-Apr-2005	1331
TF3M11613MC	09-Apr-2005	1332	09-Apr-2005	1354
TF3M11613MS	09-Apr-2005	1355	09-Apr-2005	1416
TF3M11613MD	09-Apr-2005	1417	09-Apr-2005	1440
ZZZZZZZZZZZZZZZZZZZZ	09-Apr-2005	1441	09-Apr-2005	1502
TF3M11713MA	09-Apr-2005	1503	09-Apr-2005	1525
TF3M12313MA	09-Apr-2005	1526	09-Apr-2005	1548
TF3M12613MA	09-Apr-2005	1549	09-Apr-2005	1611
ZZZZZZZZZZZZZZZZZZZZ	09-Apr-2005	1612	09-Apr-2005	1634
TF3M12814MA	09-Apr-2005	1635	09-Apr-2005	1657
TF3M13114MA	09-Apr-2005	1658	09-Apr-2005	1720
TF3M13217MA	09-Apr-2005	1721	09-Apr-2005	1743
TF3M13316MA	09-Apr-2005	1744	09-Apr-2005	1806
TF3M2114MA	09-Apr-2005	1807	09-Apr-2005	1830
032905MF	09-Apr-2005	1831	09-Apr-2005	1853
032905ME	09-Apr-2005	1854	09-Apr-2005	1916
032905MR	09-Apr-2005	1917	09-Apr-2005	1940
TF3M119R13MA	09-Apr-2005	1941	09-Apr-2005	2003
TF3M121R12MA	09-Apr-2005	2004	09-Apr-2005	2026
ZZZZZZZZZZZZZZZZZZZZ	09-Apr-2005	2027	09-Apr-2005	2049
ZZZZZZZZZZZZZZZZZZZZ	09-Apr-2005	2050	09-Apr-2005	2112

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 8-Apr-2005 00:53

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	16.6	
75	30.0 - 60.0% of mass 95	50.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	65.4	
175	5.0 - 9.0% of mass 174	5.6 (8.6) 1	
176	95.0 - 101.0% of mass 174	65.2 (99.7) 1	
177	5.0 - 9.0% of mass 176	3.9 (6.0) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	08-Apr-2005	0122
VSTD020	08-Apr-2005	0145
VSTD010	08-Apr-2005	0208
VSTD004	08-Apr-2005	0232
VSTD0.5	08-Apr-2005	0255

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 8-Apr-2005 14:50

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	16.8	
75	30.0 - 60.0% of mass 95	48.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.2	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	64.1	
175	5.0 - 9.0% of mass 174	4.9 (7.6) 1	
176	95.0 - 101.0% of mass 174	63.6 (99.2) 1	
177	5.0 - 9.0% of mass 176	4.3 (6.8) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	08-Apr-2005	1556

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B05305

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 9-Apr-2005 09:09

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	17.6	
75	30.0 - 60.0% of mass 95	50.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	65.7	
175	5.0 - 9.0% of mass 174	4.7 (7.2) 1	
176	95.0 - 101.0% of mass 174	64.1 (97.5) 1	
177	5.0 - 9.0% of mass 176	4.1 (6.4) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	09-Apr-2005	0932
MSB07	09-Apr-2005	1017
VBLK07	09-Apr-2005	1130
TF3CE313MA	09-Apr-2005	1243
TF3M11613MA	09-Apr-2005	1306
TF3M11613MC	09-Apr-2005	1332
TF3M11613MS	09-Apr-2005	1355
TF3M11613MD	09-Apr-2005	1417
TF3M11713MA	09-Apr-2005	1503
TF3M12313MA	09-Apr-2005	1526
TF3M12613MA	09-Apr-2005	1549
TF3M12814MA	09-Apr-2005	1635
TF3M13114MA	09-Apr-2005	1658
TF3M13217MA	09-Apr-2005	1721
TF3M13316MA	09-Apr-2005	1744
TF3M2114MA	09-Apr-2005	1807
032905MF	09-Apr-2005	1831
032905ME	09-Apr-2005	1854
032905MR	09-Apr-2005	1917
TF3M119R13MA	09-Apr-2005	1941
TF3M121R12MA	09-Apr-2005	2004

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98

AAB #: A5B05590

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
TF3M12713MA	A5283106

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Name: Chris Spencer

Date: 4/29/05

Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001378

Date Received: 30-Mar-2005 Date Prepared: 11-Apr-2005 Date Analyzed: 11-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	6.2	1.00	N/A	
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	2.9	1.00	N/A	
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.97	1.00	N/A	
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001378

Date Received: 30-Mar-2005 Date Prepared: 11-Apr-2005 Date Analyzed: 11-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	5.2	1.00	N/A	
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	3.6	1.00	N/A	
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.41	1.00	N/A	F
n-PROPYLBENZENE	0.21	1.0	3.9	1.00	N/A	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	2.7	1.00	N/A	
NAPHTHALENE	0.11	1.0	2.6	1.00	N/A	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.34	1.00	N/A	F
SEC-BUTYLBENZENE	0.25	1.0	1.2	1.00	N/A	
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001378

Date Received: 30-Mar-2005 Date Prepared: 11-Apr-2005 Date Analyzed: 11-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	91	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	95	72 - 119	
DIBROMOFLUOROMETHANE	97	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2576653	1389836 - 5559344	
CHLOROBENZENE-d5	1741171	932331 - 3729322	
1,4-DICHLOROBENZENE-d4	809351	449613 - 1798450	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005

Calibration ID: A5I0001378 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.273	100.0	0.299	250.0	0.283	500.0	0.271	1000.0	0.290	4.100	
BROMOMETHANE	12.5	0.162	100.0	0.176	250.0	0.155	500.0	0.158	1000.0	0.145	6.900	
VINYL CHLORIDE	12.5	0.302	100.0	0.332	250.0	0.309	500.0	0.319	1000.0	0.307	3.800	
BROMOCHLOROMETHANE	12.5	0.108	100.0	0.112	250.0	0.110	500.0	0.110	1000.0	0.110	1.200	
CHLOROETHANE	12.5	0.196	100.0	0.208	250.0	0.190	500.0	0.183	1000.0	0.170	7.500	
METHYLENE CHLORIDE	12.5	0.506	100.0	0.333	250.0	0.302	500.0	0.300	1000.0	0.295	26.000	
ACETONE	62.5	0.018	500.0	0.024	1250.0	0.024	2500.0	0.028	5000.0	0.029	18.100	
1,1-DICHLOROETHENE	12.5	0.266	100.0	0.287	250.0	0.279	500.0	0.275	1000.0	0.264	3.300	
1,1-DICHLOROETHANE	12.5	0.530	100.0	0.605	250.0	0.584	500.0	0.581	1000.0	0.558	5.000	
1-CHLOROHEXANE	12.5	0.611	100.0	0.707	250.0	0.671	500.0	0.672	1000.0	0.670	5.200	
cis-1,2-DICHLOROETHYLENE	12.5	0.322	100.0	0.345	250.0	0.329	500.0	0.331	1000.0	0.320	3.000	
trans-1,2-DICHLOROETHENE	12.5	0.282	100.0	0.315	250.0	0.300	500.0	0.295	1000.0	0.281	4.700	
CHLOROFORM	12.5	0.581	100.0	0.538	250.0	0.505	500.0	0.506	1000.0	0.494	6.800	
1,2-DICHLOROETHANE	12.5	0.312	100.0	0.326	250.0	0.323	500.0	0.324	1000.0	0.322	1.700	
METHYL ETHYL KETONE (2-BUTA	62.5	0.063	500.0	0.064	1250.0	0.061	2500.0	0.063	5000.0	0.063	1.700	
1,1,1-TRICHLOROETHANE	12.5	0.341	100.0	0.417	250.0	0.403	500.0	0.405	1000.0	0.395	7.600	
CARBON TETRACHLORIDE	12.5	0.286	100.0	0.345	250.0	0.335	500.0	0.339	1000.0	0.332	7.300	
BROMODICHLOROMETHANE	12.5	0.335	100.0	0.368	250.0	0.367	500.0	0.373	1000.0	0.369	4.300	
1,2-DICHLOROPROPANE	12.5	0.326	100.0	0.350	250.0	0.347	500.0	0.343	1000.0	0.337	2.800	
cis-1,3-DICHLOROPROPENE	12.5	0.355	100.0	0.403	250.0	0.406	500.0	0.412	1000.0	0.416	6.200	
TRICHLOROETHYLENE (TCE)	12.5	0.290	100.0	0.330	250.0	0.317	500.0	0.318	1000.0	0.310	4.700	
DIBROMOCHLOROMETHANE	12.5	0.255	100.0	0.287	250.0	0.294	500.0	0.305	1000.0	0.312	7.700	
1,1,2-TRICHLOROETHANE	12.5	0.162	100.0	0.172	250.0	0.170	500.0	0.170	1000.0	0.170	2.300	
BENZENE	12.5	1.311	100.0	1.433	250.0	1.377	500.0	1.382	1000.0	1.323	3.600	
trans-1,3-DICHLOROPROPENE	12.5	0.458	100.0	0.515	250.0	0.515	500.0	0.521	1000.0	0.516	5.200	
BROMOFORM	12.5	0.119	100.0	0.145	250.0	0.151	500.0	0.161	1000.0	0.166	12.500	
METHYL ISOBUTYL KETONE (4-M	62.5	0.488	500.0	0.517	1250.0	0.488	2500.0	0.498	5000.0	0.559	5.900	
TETRACHLOROETHYLENE(PCE)	12.5	0.392	100.0	0.453	250.0	0.433	500.0	0.438	1000.0	0.421	5.400	
1,1,2,2-TETRACHLOROETHANE	12.5	0.626	100.0	0.670	250.0	0.661	500.0	0.669	1000.0	0.743	6.300	
TOLUENE	12.5	0.778	100.0	0.871	250.0	0.848	500.0	0.849	1000.0	0.818	4.300	
CHLOROBENZENE	12.5	1.204	100.0	1.263	250.0	1.226	500.0	1.235	1000.0	1.195	2.200	
ETHYLBENZENE	12.5	2.149	100.0	2.393	250.0	2.308	500.0	2.302	1000.0	2.121	5.100	
STYRENE	12.5	1.275	100.0	1.475	250.0	1.463	500.0	1.481	1000.0	1.407	6.100	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005

Calibration ID: A510001378 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
1,1,1,2-TETRACHLOROETHANE	12.5	0.318	100.0	0.359	250.0	0.354	500.0	0.355	1000.0	0.338	4.900	
1,1-DICHLOROPROPENE	12.5	0.410	100.0	0.475	250.0	0.459	500.0	0.456	1000.0	0.439	5.500	
1,2,3-TRICHLOROBENZENE	12.5	1.039	100.0	0.996	250.0	0.969	500.0	0.944	1000.0	0.697	14.400	
1,2,3-TRICHLOROPROPANE	12.5	0.172	100.0	0.187	250.0	0.186	500.0	0.186	1000.0	0.201	5.500	
1,2,4-TRICHLOROBENZENE	12.5	1.199	100.0	1.203	250.0	1.183	500.0	1.173	1000.0	0.859	13.200	
1,2,4-TRIMETHYLBENZENE	12.5	3.579	100.0	4.083	250.0	3.972	500.0	3.946	1000.0	3.711	5.400	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.097	100.0	0.103	250.0	0.099	500.0	0.106	1000.0	0.101	3.300	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.241	100.0	0.267	250.0	0.266	500.0	0.271	1000.0	0.276	5.200	
1,2-DICHLOROBENZENE	12.5	1.653	100.0	1.703	250.0	1.659	500.0	1.663	1000.0	1.570	3.000	
1,3,5-TRIMETHYLBENZENE (MES	12.5	3.536	100.0	4.050	250.0	3.929	500.0	3.892	1000.0	3.743	5.200	
1,3-DICHLOROBENZENE	12.5	1.818	100.0	1.932	250.0	1.845	500.0	1.796	1000.0	1.719	4.200	
1,3-DICHLOROPROPANE	12.5	0.579	100.0	0.584	250.0	0.584	500.0	0.595	1000.0	0.601	1.500	
1,4-DICHLOROBENZENE	12.5	1.882	100.0	1.939	250.0	1.892	500.0	1.873	1000.0	1.823	2.200	
2,2-DICHLOROPROPANE	12.5	0.266	100.0	0.311	250.0	0.287	500.0	0.294	1000.0	0.277	5.900	
2-CHLOROTOLUENE	12.5	0.914	100.0	0.982	250.0	0.953	500.0	0.955	1000.0	0.990	3.100	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	3.818	100.0	4.375	250.0	4.152	500.0	4.056	1000.0	3.493	8.500	
BROMOBENZENE	12.5	0.890	100.0	0.900	250.0	0.886	500.0	0.881	1000.0	0.948	3.000	
DIBROMOMETHANE	12.5	0.125	100.0	0.129	250.0	0.127	500.0	0.129	1000.0	0.129	1.300	
DICHLORODIFLUOROMETHANE	12.5	0.150	100.0	0.202	250.0	0.171	500.0	0.189	1000.0	0.191	11.100	
NAPHTHALENE	12.5	1.939	100.0	1.957	250.0	1.950	500.0	1.938	1000.0	1.537	9.800	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	0.799	100.0	0.882	250.0	0.854	500.0	0.861	1000.0	0.804	4.400	
TRICHLOROFLUOROMETHANE	12.5	0.273	100.0	0.307	250.0	0.308	500.0	0.318	1000.0	0.304	5.600	
n-BUTYLBENZENE	12.5	3.698	100.0	4.335	250.0	4.101	500.0	4.115	1000.0	3.454	9.000	
n-PROPYLBENZENE	12.5	5.315	100.0	6.072	250.0	5.841	500.0	5.751	1000.0	5.275	6.100	
4-CHLOROTOLUENE	12.5	0.940	100.0	1.042	250.0	1.006	500.0	1.007	1000.0	1.043	4.200	
SEC-BUTYLBENZENE	12.5	4.526	100.0	5.144	250.0	4.900	500.0	4.890	1000.0	4.469	5.900	
tert-BUTYL METHYL ETHER	12.5	0.659	100.0	0.711	250.0	0.686	500.0	0.696	1000.0	0.690	2.800	
t-BUTYLBENZENE	12.5	0.655	100.0	0.781	250.0	0.736	500.0	0.743	1000.0	0.708	6.400	
HEXACHLOROBUTADIENE	12.5	0.777	100.0	0.746	250.0	0.704	500.0	0.692	1000.0	0.518	14.700	
ISOPROPYLBENZENE (CUMENE)	12.5	4.233	100.0	4.758	250.0	4.614	500.0	4.564	1000.0	4.651	4.300	
M,P-XYLENE(SUM OF ISOMERS)	25.0	0.829	200.0	0.928	500.0	0.899	1000.0	0.886	2000.0	0.810	5.700	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005

Calibration ID: A5I0001378 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:

Response Factor Report HP5973 N

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001378.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Mon Apr 11 20:54:58 2005
Response via : Initial Calibration

Calibration Files
1 =N4634.D 2 =N4633.D 3 =N4632.D
4 =N4631.D 5 =N4630.D

AFCEE 25ML A5I.1378

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	----------ISTD----------						
2)	M	C290	Dichlorodifluor	0.150	0.202	0.171	0.189	0.190	0.181	11.11
3)	M	C010	Chloromethane	0.273	0.299	0.283	0.271	0.290	0.283	4.09
4)	M	C020	Vinyl chloride	0.302	0.332	0.309	0.319	0.307	0.314	3.84
5)	M	C015	Bromomethane	0.162	0.175	0.155	0.158	0.145	0.159	6.94
6)	M	C025	Chloroethane	0.196	0.208	0.190	0.183	0.170	0.189	7.53
7)	M	C275	Trichlorofluoro	0.273	0.307	0.308	0.317	0.304	0.302	5.62
8)	T	C291	1,1,2 Trichloro	0.217	0.254	0.225	0.236	0.215	0.230	7.06
9)	M	C045	1,1-Dichloroeth	0.266	0.287	0.279	0.275	0.264	0.274	3.33
10)	T	C255	Methyl Acetate	0.103	0.112	0.116	0.108	0.129	0.114	8.56
11)	M	C030	Methylene chlor	0.506	0.333	0.302	0.300	0.295	0.347	25.99
12)	M	C040	Carbon disulfid	1.049	1.109	1.039	1.054	1.043	1.058	2.70
13)	T	C036	Acrolein	0.002	0.001	0.001	0.001	0.001	0.001	29.14
14)	M	C038	Acrylonitrile	0.062	0.051	0.044	0.045	0.045	0.049	15.05
15)	M	C035	Acetone	0.018	0.024	0.024	0.028	0.029	0.024	18.09
16)	T	C300	Acetonitrile	0.002	0.006	0.005	0.006	0.005	0.005	~~32.44~~ NC
17)	M	C276	Iodomethane	0.345	0.378	0.350	0.357	0.348	0.355	3.69
18)	M	C962	T-butyl Methyl	0.659	0.711	0.686	0.696	0.690	0.688	2.78
19)	M	C057	trans-1,2-Dichl	0.282	0.315	0.300	0.295	0.281	0.294	4.72
20)	M	C050	1,1-Dichloroeth	0.530	0.605	0.584	0.581	0.558	0.572	5.02
21)	M	C125	Vinyl Acetate	0.393	0.430	0.415	0.416	0.390	0.408	4.10
22)	M	C051	2,2-Dichloropro	0.266	0.310	0.287	0.294	0.277	0.287	5.87
23)	M	C056	cis-1,2-Dichlor	0.322	0.345	0.329	0.331	0.320	0.329	3.04
24)	T	C272	Tetrahydrofuran	0.035	0.040	0.038	0.040	0.040	0.038	5.79
25)	M	C222	Bromochlorometh	0.108	0.112	0.110	0.110	0.110	0.110	1.24
26)	M	C060	Chloroform	0.581	0.538	0.505	0.506	0.494	0.525	6.77
27)	T	C256	Cyclohexane	0.536	0.674	0.616	0.629	0.615	0.614	8.11
28)	S	CS87	Dibromofluorome	0.219	0.233	0.211	0.213	0.214	0.218	4.09
29)	M	C115	1,1,1-Trichloro	0.341	0.417	0.403	0.405	0.395	0.392	7.56
30)	M	C120	Carbon Tetrachl	0.286	0.345	0.335	0.339	0.332	0.327	7.26
31)	M	C116	1,1-Dichloropro	0.410	0.475	0.459	0.456	0.438	0.448	5.54
32)	S	CS15	1,2-Dichloroeth	0.269	0.252	0.224	0.233	0.242	0.244	7.13
33)	M	C165	Benzene	1.311	1.433	1.377	1.382	1.323	1.365	3.62
34)	M	C065	1,2-Dichloroeth	0.312	0.326	0.323	0.324	0.322	0.321	1.75
35)	M	C110	2-Butanone	0.063	0.064	0.061	0.063	0.063	0.063	1.72
36)	M	C150	Trichloroethene	0.290	0.330	0.317	0.318	0.310	0.313	4.68
37)	M	C140	1,2-Dichloropro	0.326	0.350	0.347	0.343	0.337	0.341	2.79
38)	M	C278	Dibromomethane	0.125	0.129	0.127	0.129	0.129	0.128	1.27
39)	T	C012	Methylcyclohexa	0.547	0.657	0.618	0.631	0.619	0.614	6.65
40)	M	C130	Bromodichlorome	0.335	0.367	0.367	0.373	0.369	0.362	4.27
41)	T	C161	2-Chloroethylvi	0.138	0.152	0.148	0.149	0.144	0.146	3.60
42)	M	C230	Toluene	0.778	0.871	0.848	0.849	0.817	0.833	4.33
43)	M	C170	trans-1,3-Dichl	0.458	0.515	0.515	0.521	0.516	0.505	5.19
44)	M	C160	1,1,2-Trichloro	0.162	0.172	0.170	0.170	0.170	0.169	2.30
45)	M	C145	cis-1,3-Dichlor	0.355	0.403	0.406	0.412	0.416	0.398	6.21
46)	I	CI20	Chlorobenzene-D	----------ISTD----------						
47)	S	CS05	Toluene-D8	1.624	1.752	1.589	1.628	1.642	1.647	3.75
48)	T	C284	Ethyl Methacryl	0.403	0.455	0.452	0.478	0.493	0.456	7.49
49)	M	C220	Tetrachloroethe	0.392	0.453	0.433	0.438	0.421	0.427	5.35
50)	M	C221	1,3-Dichloropro	0.579	0.584	0.584	0.595	0.601	0.588	1.49
51)	M	C155	Dibromochlorome	0.255	0.287	0.294	0.305	0.312	0.290	7.70

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 N

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001378.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Mon Apr 11 20:54:58 2005
Response via : Initial Calibration

Calibration Files
1 =N4634.D 2 =N4633.D 3 =N4632.D
4 =N4631.D 5 =N4630.D

			Compound	1	2	3	4	5	Avg	%RSD
52)	M	C163	1,2-Dibromoetha	0.241	0.267	0.266	0.271	0.276	0.264	5.15
53)	M	C215	2-Hexanone	0.166	0.177	0.169	0.174	0.176	0.172	2.88
54)	M	C235	Chlorobenzene	1.204	1.263	1.226	1.235	1.194	1.224	2.22
55)	M	D001	1-Chlorohexane	0.611	0.707	0.670	0.672	0.670	0.666	5.17
56)	M	C281	1,1,1,2-Tetrach	0.318	0.359	0.353	0.355	0.338	0.345	4.94
57)	M	C240	Ethylbenzene	2.149	2.393	2.308	2.302	2.121	2.255	5.12
58)	M	C246	m,p-Xylene	0.829	0.928	0.899	0.886	0.810	0.870	5.66
59)	M	C247	o-Xylene	0.799	0.882	0.853	0.861	0.804	0.840	4.37
60)	M	C245	Styrene	1.275	1.475	1.463	1.481	1.407	1.420	6.09
61)	M	C180	Bromoform	0.119	0.145	0.151	0.161	0.166	0.148	12.48
62)	S	CS10	p-Bromofluorobe	0.409	0.427	0.377	0.396	0.398	0.401	4.56
63)	I	CI30	1,4-Dichloroben	----------	----------	ISTD	----------	----------	----------	
64)	M	C210	4-Methyl-2-pent	0.488	0.517	0.488	0.498	0.559	0.510	5.86
65)	M	C966	Isopropylbenzen	4.233	4.758	4.614	4.564	4.651	4.564	4.34
66)	M	C301	Bromobenzene	0.890	0.900	0.886	0.881	0.948	0.901	3.04
67)	M	C225	1,1,2,2-Tetrach	0.627	0.670	0.661	0.669	0.743	0.674	6.31
68)	M	C282	1,2,3-Trichloro	0.172	0.187	0.186	0.186	0.201	0.186	5.51
69)	M	C283	t-1,4-Dichloro-	0.085	0.123	0.134	0.151	0.181	0.135	26.01
70)	M	C302	n-Propylbenzene	5.315	6.072	5.841	5.751	5.275	5.651	6.11
71)	M	C303	2-Chlorotoluene	0.914	0.982	0.953	0.955	0.990	0.959	3.13
72)	M	C289	4-Chlorotoluene	0.940	1.042	1.006	1.007	1.043	1.008	4.17
73)	M	C304	1,3,5-Trimethyl	3.536	4.050	3.929	3.892	3.743	3.830	5.16
74)	M	C306	tert-Butylbenze	0.655	0.781	0.736	0.743	0.708	0.725	6.45
75)	M	C307	1,2,4-Trimethyl	3.579	4.083	3.972	3.946	3.711	3.858	5.36
76)	M	C308	sec-Butylbenzen	4.526	5.144	4.900	4.890	4.468	4.786	5.92
77)	M	C260	1,3-Dichloroben	1.818	1.932	1.845	1.796	1.719	1.822	4.24
78)	M	C309	4-Isopropyltolu	3.818	4.375	4.152	4.056	3.493	3.979	8.48
79)	M	C267	1,4-Dichloroben	1.882	1.939	1.892	1.873	1.823	1.882	2.21
80)	M	C249	1,2-Dichloroben	1.653	1.703	1.659	1.663	1.570	1.650	2.95
81)	M	C310	n-Butylbenzene	3.698	4.335	4.101	4.115	3.454	3.941	9.04
82)	M	C286	1,2-Dibromo-3-C	0.097	0.103	0.099	0.106	0.101	0.101	3.34
83)	M	C313	1,2,4-Trichloro	1.199	1.203	1.183	1.173	0.859	1.124	13.19
84)	M	C316	Hexachlorobutad	0.777	0.746	0.704	0.692	0.517	0.687	14.67
85)	M	C314	Naphthalene	1.939	1.957	1.950	1.938	1.537	1.864	9.81
86)	M	C934	1,2,3-Trichloro	1.039	0.996	0.969	0.944	0.697	0.929	14.45

Total Average %RSD 6.83□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005 Calibration ID: A5I0001378

2nd Source ID: A5S0000088 CCV #1 ID: A5C0003405 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	266	6.4	250.00	250	0.0			
BROMOMETHANE	250.00	268	7.2	250.00	253	1.2			
VINYL CHLORIDE	250.00	263	5.2	250.00	253	1.2			
BROMOCHLOROMETHANE	250.00	266	6.4	250.00	249	-0.4			
CHLOROETHANE	250.00	270	8.0	250.00	251	0.4			
METHYLENE CHLORIDE	250.00	235	-6.0	250.00	216	-13.6			
ACETONE	1250.00	1260	0.8	1250.00	1400	12.0			
1,1-DICHLOROETHENE	250.00	267	6.8	250.00	248	-0.8			
1,1-DICHLOROETHANE	250.00	270	8.0	250.00	253	1.2			
1-CHLOROHEXANE	250.00	266	6.4	250.00	249	-0.4			
cis-1,2-DICHLOROETHYLENE	250.00	265	6.0	250.00	246	-1.6			
trans-1,2-DICHLOROETHENE	250.00	268	7.2	250.00	251	0.4			
CHLOROFORM	250.00	256	2.4	250.00	237	-5.2			
1,2-DICHLOROETHANE	250.00	270	8.0	250.00	250	0.0			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1360	8.8	1250.00	1340	7.2			
1,1,1-TRICHLOROETHANE	250.00	266	6.4	250.00	247	-1.2			
CARBON TETRACHLORIDE	250.00	264	5.6	250.00	250	0.0			
BROMODICHLOROMETHANE	250.00	270	8.0	250.00	247	-1.2			
1,2-DICHLOROPROPANE	250.00	266	6.4	250.00	249	-0.4			
cis-1,3-DICHLOROPROPENE	250.00	277	10.8	250.00	254	1.6			
TRICHLOROETHYLENE (TCE)	250.00	267	6.8	250.00	248	-0.8			
DIBROMOCHLOROMETHANE	250.00	273	9.2	250.00	252	0.8			
1,1,2-TRICHLOROETHANE	250.00	278	11.2	250.00	249	-0.4			
BENZENE	250.00	264	5.6	250.00	247	-1.2			
trans-1,3-DICHLOROPROPENE	250.00	273	9.2	250.00	252	0.8			
BROMOFORM	250.00	278	11.2	250.00	253	1.2			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1400	12.0	1250.00	1280	2.4			
TETRACHLOROETHYLENE(PCE)	250.00	263	5.2	250.00	247	-1.2			
1,1,2,2-TETRACHLOROETHANE	250.00	268	7.2	250.00	246	-1.6			
TOLUENE	250.00	269	7.6	250.00	249	-0.4			
CHLOROBENZENE	250.00	264	5.6	250.00	244	-2.4			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005 Calibration ID: A5I0001378

2nd Source ID: A5S0000088 CCV #1 ID: A5C0003405 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ETHYLBENZENE	250.00	268	7.2	250.00	251	0.4			
STYRENE	250.00	274	9.6	250.00	253	1.2			
1,1,1,2-TETRACHLOROETHANE	250.00	274	9.6	250.00	250	0.0			
1,1-DICHLOROPROPENE	250.00	267	6.8	250.00	250	0.0			
1,2,3-TRICHLOROBENZENE	250.00	282	12.8	250.00	259	3.6			
1,2,3-TRICHLOROPROPANE	250.00	277	10.8	250.00	251	0.4			
1,2,4-TRICHLOROBENZENE	250.00	285	14.0	250.00	261	4.4			
1,2,4-TRIMETHYLBENZENE	250.00	269	7.6	250.00	249	-0.4			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	285	14.0	250.00	268	7.2			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	270	8.0	250.00	252	0.8			
1,2-DICHLOROBENZENE	250.00	268	7.2	250.00	251	0.4			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	268	7.2	250.00	250	0.0			
1,3-DICHLOROBENZENE	250.00	268	7.2	250.00	248	-0.8			
1,3-DICHLOROPROPANE	250.00	268	7.2	250.00	248	-0.8			
1,4-DICHLOROBENZENE	250.00	265	6.0	250.00	246	-1.6			
2,2-DICHLOROPROPANE	250.00	256	2.4	250.00	241	-3.6			
2-CHLOROTOLUENE	250.00	262	4.8	250.00	244	-2.4			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	273	9.2	250.00	254	1.6			
BROMOBENZENE	250.00	259	3.6	250.00	242	-3.2			
DIBROMOMETHANE	250.00	268	7.2	250.00	250	0.0			
DICHLORODIFLUOROMETHANE	250.00	270	8.0	250.00	262	4.8			
NAPHTHALENE	250.00	288	15.2	250.00	267	6.8			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	268	7.2	250.00	249	-0.4			
TRICHLOROFLUOROMETHANE	250.00	278	11.2	250.00	264	5.6			
n-BUTYLBENZENE	250.00	273	9.2	250.00	256	2.4			
n-PROPYLBENZENE	250.00	271	8.4	250.00	254	1.6			
4-CHLOROTOLUENE	250.00	265	6.0	250.00	246	-1.6			
SEC-BUTYLBENZENE	250.00	268	7.2	250.00	251	0.4			
tert-BUTYL METHYL ETHER	250.00	274	9.6	250.00	252	0.8			
t-BUTYLBENZENE	250.00	270	8.0	250.00	252	0.8			
HEXACHLOROBUTADIENE	250.00	266	6.4	250.00	250	0.0			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005 Calibration ID: A5I0001378

2nd Source ID: A5S0000088 CCV #1 ID: A5C0003405 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
ISOPROPYLBENZENE (CUMENE)	250.00	264	5.6	250.00	248	-0.8			
M,P-XYLENE(SUM OF ISOMERS)	500.00	539	7.8	500.00	502	0.4			

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 11-Apr-2005

SPCC #1 ID: A5I0001378 SPCC #2 ID: A5C0003405 SPCC #3 ID: _____

CCC #1 ID: A5C0003405 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.2830	0.1000	0.2836	0.1000									
VINYL CHLORIDE							250.00	253	1.2				
1,1-DICHLOROETHENE							250.00	248	0.8				
1,1-DICHLOROETHANE	0.5720	0.1000	0.5786	0.1000									
CHLOROFORM							250.00	237	5.2				
1,2-DICHLOROPROPANE							250.00	249	0.4				
BROMOFORM	0.1480	0.1000	0.1503	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.6740	0.3000	0.6641	0.3000									
TOLUENE							250.00	249	0.4				
CHLOROBENZENE	1.2250	0.3000	1.1952	0.3000									
ETHYLBENZENE							250.00	251	0.4				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0559002

Initial Calibration ID: A5I0001378

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.16	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0559002

Initial Calibration ID: A5I0001378

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.23	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98
AAB #: A5B05590
Lab Name: STL Buffalo
Contract #: _____
Concentration Units (ug/L or mg/kg): UG/L
Method Blank ID: A5B0559002
Initial Calibration ID: A5I0001378

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	96	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2653370	1389836 - 5559344	
CHLOROBENZENE-d5	1772233	932331 - 3729322	
1,4-DICHLOROBENZENE-d4	826999	449613 - 1798450	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0559001 Units: UG/L

Initial Calibration ID: A5I0001378

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	50.6	101	40 - 135	
BENZENE	10.0	10.5	106	81 - 122	
BROMOBENZENE	10.0	10.3	104	76 - 124	
BROMOCHLOROMETHANE	10.0	10.6	106	65 - 129	
BROMODICHLOROMETHANE	10.0	10.7	108	76 - 121	
BROMOFORM	10.0	11.1	111	69 - 128	
BROMOMETHANE	10.0	10.7	107	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	54.2	108	49 - 136	
n-BUTYLBENZENE	10.0	10.9	109	69 - 137	
SEC-BUTYLBENZENE	10.0	10.7	107	72 - 127	
t-BUTYLBENZENE	10.0	10.8	108	70 - 129	
CARBON TETRACHLORIDE	10.0	10.5	106	66 - 138	
CHLOROBENZENE	10.0	10.5	106	81 - 122	
CHLOROETHANE	10.0	10.7	108	58 - 133	
CHLOROFORM	10.0	10.2	102	69 - 128	
CHLOROMETHANE	10.0	10.6	106	56 - 131	
2-CHLOROTOLUENE	10.0	10.4	105	73 - 126	
4-CHLOROTOLUENE	10.0	10.6	106	74 - 128	
DIBROMOCHLOROMETHANE	10.0	10.9	109	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	11.3	114	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	10.8	108	80 - 121	
DIBROMOMETHANE	10.0	10.7	107	76 - 125	
1,2-DICHLOROBENZENE	10.0	10.7	107	71 - 122	
1,3-DICHLOROBENZENE	10.0	10.7	107	75 - 124	
1,4-DICHLOROBENZENE	10.0	10.5	106	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	10.8	108	53 - 153	
1,1-DICHLOROETHANE	10.0	10.8	108	69 - 133	
1,2-DICHLOROETHANE	10.0	10.8	108	69 - 132	
1,1-DICHLOROETHENE	10.0	10.6	107	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	10.5	106	72 - 126	
trans-1,2-DICHLOROETHENE	10.0	10.7	107	63 - 137	
1,2-DICHLOROPROPANE	10.0	10.6	106	75 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0559001 Units: UG/L

Initial Calibration ID: A5I0001378

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DICHLOROPROPANE	10.0	10.7	107	73 - 126	
2,2-DICHLOROPROPANE	10.0	10.2	102	69 - 137	
1,1-DICHLOROPROPENE	10.0	10.6	107	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	11.0	111	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	10.9	109	59 - 135	
ETHYLBENZENE	10.0	10.7	107	73 - 127	
HEXACHLOROBUTADIENE	10.0	10.6	106	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	10.5	106	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	10.9	109	73 - 130	
METHYLENE CHLORIDE	10.0	9.39	94	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	55.9	112	58 - 134	
NAPHTHALENE	10.0	11.5	115	54 - 138	
n-PROPYLBENZENE	10.0	10.8	108	72 - 129	
STYRENE	10.0	10.9	109	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	10.9	110	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	10.7	107	63 - 128	
TETRACHLOROETHYLENE(PCE)	10.0	10.5	105	66 - 128	
TOLUENE	10.0	10.7	108	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	11.3	113	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	11.4	114	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	10.6	106	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	11.1	111	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	10.6	107	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	11.1	111	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	11.0	111	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	10.7	108	74 - 132	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	10.7	107	74 - 131	
VINYL CHLORIDE	10.0	10.5	105	50 - 134	
tert-BUTYL METHYL ETHER	10.0	10.9	110	65 - 123	
1-CHLOROHEXANE	10.0	10.6	106	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	10.7	107	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	21.5	108	76 - 128	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0559001 Units: UG/L

Initial Calibration ID: A5I0001378

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	103	76 - 119	
1,2-DICHLOROETHANE-d4	101	72 - 119	
DIBROMOFLUOROMETHANE	106	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	2470278	1389836 - 5559344	
CHLOROBENZENE-d5	1664216	932331 - 3729322	
1,4-DICHLOROBENZENE-d4	800116	449613 - 1798450	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98

AAB#: A5B05590

Lab Name: STL Buffalo

Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
TF3M12713MA	29-Mar-2005	30-Mar-2005	11-Apr-2005	14.00	13.00	11-Apr-2005	14.00	13.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B05590

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973N

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0003405	11-Apr-2005	2102	11-Apr-2005	2133
MSB09	11-Apr-2005	2134	11-Apr-2005	2211
VBLK09	11-Apr-2005	2212	11-Apr-2005	2234
TF3M12713MA	11-Apr-2005	2235	11-Apr-2005	2257
ZZZZZZZZZZZZZZZZZZZZ	11-Apr-2005	2258	11-Apr-2005	2320
ZZZZZZZZZZZZZZZZZZZZ	11-Apr-2005	2321	11-Apr-2005	2344
ZZZZZZZZZZZZZZZZZZZZ	11-Apr-2005	2345	12-Apr-2005	0007
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0008	12-Apr-2005	0030
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0031	12-Apr-2005	0053
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0054	12-Apr-2005	0116
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0117	12-Apr-2005	0140
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0141	12-Apr-2005	0203
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0204	12-Apr-2005	0227
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0228	12-Apr-2005	0250
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0251	12-Apr-2005	0313
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0314	12-Apr-2005	0336
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0337	12-Apr-2005	0359
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0400	12-Apr-2005	0422
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0423	12-Apr-2005	0445
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0446	12-Apr-2005	0509
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0510	12-Apr-2005	0532
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0533	12-Apr-2005	0555
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0556	12-Apr-2005	0619
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0620	12-Apr-2005	0642
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0643	12-Apr-2005	0705
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0706	12-Apr-2005	0728
ZZZZZZZZZZZZZZZZZZZZ	12-Apr-2005	0729	12-Apr-2005	0751

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 11-Apr-2005 17:28

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	16.5	
75	30.0 - 60.0% of mass 95	47.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	63.4	
175	5.0 - 9.0% of mass 174	4.9 (7.7) 1	
176	95.0 - 101.0% of mass 174	62.4 (98.4) 1	
177	5.0 - 9.0% of mass 176	3.9 (6.2) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	11-Apr-2005	1851
VSTD020	11-Apr-2005	1914
VSTD010	11-Apr-2005	1937
VSTD004	11-Apr-2005	1959
VSTD0.5	11-Apr-2005	2023

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B05590

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 11-Apr-2005 20:45

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	16.6	
75	30.0 - 60.0% of mass 95	46.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	63.6	
175	5.0 - 9.0% of mass 174	4.7 (7.4) 1	
176	95.0 - 101.0% of mass 174	60.7 (95.5) 1	
177	5.0 - 9.0% of mass 176	4.0 (6.6) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	11-Apr-2005	2102
MSB09	11-Apr-2005	2134
VSTD010	11-Apr-2005	2134
VBLK09	11-Apr-2005	2212
TF3M12713MA	11-Apr-2005	2235

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-2831

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
032905ME	A5283113	90		93		91		92	
032905MF	A5283112	89		92		91		90	
032905MR	A5283114	94		96		94		96	
MSB07	A5B0530501	97		99		98		99	
MSB09	A5B0559001	103		106		101		106	
TF3CE313MA	A5283101	90		96		98		86	
TF3M11613MA	A5283102	90		92		96		87	
TF3M11613MC	A5283102FD	90		92		98		86	
TF3M11613MD	A5283102SD	92		90		91		88	
TF3M11613MS	A5283102MS	92		94		96		89	
TF3M11713MA	A5283103	91		95		99		84	
TF3M119R13MA	A5283115	92		92		95		93	
TF3M121R12MA	A5283116	89		93		92		92	
TF3M12313MA	A5283104	90		91		91		93	
TF3M12613MA	A5283105	97		99		99		88	
TF3M12713MA	A5283106	92		97		95		91	

QC Limits

S1	BFB	=	p-Bromofluorobenzene	(76 - 119)
S2	DBF	=	Dibromofluoromethane	(85 - 115)
S3	DCE	=	1,2-Dichloroethane-D4	(72 - 119)
S4	TOL	=	Toluene-D8	(81 - 120)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-2831

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
TF3M12814MA	A5283107	89		93		92		92	
TF3M13114MA	A5283108	91		94		91		91	
TF3M13217MA	A5283109	91		93		91		92	
TF3M13316MA	A5283110	90		94		94		84	
TF3M2114MA	A5283111	90		92		100		92	
VBLK07	A5B0530502	90		94		95		93	
VBLK09	A5B0559002	93		96		94		96	

				QC Limits
S1	BFB	=	p-Bromofluorobenzene	(76 - 119)
S2	DBF	=	Dibromofluoromethane	(85 - 115)
S3	DCE	=	1,2-Dichloroethane-D4	(72 - 119)
S4	TOL	=	Toluene-D8	(81 - 120)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-2831

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
032905ME	A5283113	98		98		98	
032905MF	A5283112	100		100		99	
032905MR	A5283114	94		94		94	
MSB07	A5B0530501	95		96		96	
MSB09	A5B0559001	89		89		89	
TF3CE313MA	A5283101	96		96		95	
TF3M11613MA	A5283102	99		99		100	
TF3M11613MC	A5283102FD	101		101		102	
TF3M11613MD	A5283102SD	104		107		106	
TF3M11613MS	A5283102MS	105		108		105	
TF3M11713MA	A5283103	103		104		102	
TF3M119R13MA	A5283115	100		102		101	
TF3M121R12MA	A5283116	100		99		100	
TF3M12313MA	A5283104	103		106		106	
TF3M12613MA	A5283105	94		94		96	
TF3M12713MA	A5283106	93		90		93	

QC Limits

IS1 CBZ = Chlorobenzene-D5 (50 - 200)
IS2 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)
IS3 FB = Fluorobenzene (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-2831

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
TF3M12814MA	A5283107	103		104		103	
TF3M13114MA	A5283108	101		102		101	
TF3M13217MA	A5283109	100		100		101	
TF3M13316MA	A5283110	104		106		104	
TF3M2114MA	A5283111	102		103		104	
VBLK07	A5B0530502	97		96		98	
VBLK09	A5B0559002	95		92		95	

QC Limits

IS1 CBZ = Chlorobenzene-D5 (50 - 200)
IS2 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)
IS3 FB = Fluorobenzene (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0003347

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): N4573.RR Date Analyzed: 04/09/2005

Instrument ID: HP5973N Time Analyzed: 09:32

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		1773955		8.09		823420		10.46		2695501		5.29	
	UPPER LIMIT		3547910		8.59		1646840		10.96		5391002		5.79	
	LOWER LIMIT		886978		7.59		411710		9.96		1347751		4.79	
	CLIENT SAMPLE	Lab Sample ID												
1	032905ME	A5283113	1734243		8.09		806453		10.45		2640778		5.29	
2	032905MF	A5283112	1771920		8.09		825489		10.45		2676072		5.29	
3	032905MR	A5283114	1677332		8.09		778004		10.45		2533682		5.29	
4	MSB07	A5B0530501	1693433		8.09		790296		10.46		2583205		5.29	
5	TF3CE313MA	A5283101	1703518		8.09		794317		10.45		2561826		5.29	
6	TF3M11613MA	A5283102	1759487		8.09		815214		10.45		2709180		5.29	
7	TF3M11613MC	A5283102FD	1788482		8.09		835641		10.45		2759856		5.29	
8	TF3M11613MD	A5283102SD	1848051		8.09		884441		10.46		2855873		5.29	
9	TF3M11613MS	A5283102MS	1864340		8.09		885979		10.46		2827783		5.29	
10	TF3M11713MA	A5283103	1824458		8.09		856869		10.45		2749240		5.29	
11	TF3M119R13MA	A5283115	1765408		8.09		838617		10.45		2725657		5.29	
12	TF3M121R12MA	A5283116	1773357		8.09		814719		10.45		2705949		5.29	
13	TF3M12313MA	A5283104	1832521		8.09		868879		10.45		2850739		5.29	
14	TF3M12613MA	A5283105	1675169		8.09		776759		10.45		2586466		5.29	
15	TF3M12814MA	A5283107	1823348		8.09		860898		10.45		2777958		5.29	
16	TF3M13114MA	A5283108	1794683		8.09		837596		10.45		2717440		5.29	
17	TF3M13217MA	A5283109	1778371		8.09		823759		10.45		2716454		5.29	
18	TF3M13316MA	A5283110	1838395		8.09		876594		10.46		2791629		5.29	
19	TF3M2114MA	A5283111	1808316		8.09		845806		10.46		2791835		5.29	
20	VBLK07	A5B0530502	1723102		8.09		792418		10.45		2642871		5.29	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0003405

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): N4636.RR Date Analyzed: 04/11/2005

Instrument ID: HP5973N Time Analyzed: 21:02

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		1864661		8.09		899225		10.45		2779672		5.29	
	UPPER LIMIT		3729322		8.59		1798450		10.95		5559344		5.79	
	LOWER LIMIT		932331		7.59		449613		9.95		1389836		4.79	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB09	A5B0559001	1664216		8.09		800116		10.46		2470278		5.29	
2	TF3M12713MA	A5283106	1741171		8.09		809351		10.45		2576653		5.29	
3	VBLK09	A5B0559002	1772233		8.09		826999		10.45		2653370		5.29	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #
4/9/05	0041	DWW	N4568	A52891105FD	2891	25ml	—	1	
	0105		N4569	06				1	
	0128		N4570	07				1	
	0151		N4571	08				1	
4/9/05	0909	DWW	N4572	0409BFBN1	QC	1ml	—	—	WS12R-2 WS12AT-6, WS20BL-8 4/9/05 DWW WS13DM-5 WS6AT-8
	0932		N4573	VSTD010		25ml	—	—	
	1017		N4574	MSB				—	WS19AX-2, WS19AY-2
	1130		N4575	VBLK07				1	
	1155		N4576	A52891109	2891			1	
	1218		N4577	10				1	
	1243		N4578	A52831101	2831			1	
	1306		N4579	02				1	
	1332		N4580	02FD				1	WS19AX-2, WS19AY-2
	1355		N4581	02MS				1	" "
	1417		N4582	02SD				1	
	1441		N4583	BLK				1	
	1503		N4584	03				4	
	1526		N4585	04				1	
	1549		N4586	05				2	
	1612		N4587	06				1	
	1635		N4588	07				1	
	1658		N4589	08				1	
	1721		N4590	09				1	
	1744		N4591	10				5	
	1807		N4592	11				1	
	1831		N4593	12				1	
	1854		N4594	13				1	
	1917		N4595	14				1	
	1941		N4596	15				5	

NO.

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STL BUFFALO

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GCMS VOLATILE INJECTION LOG

SS MI	AUTO	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
2AD 2GS		96	95	94	97	94	93	91		✓	
		96	96	97	94	95	91	90		✓	
		97	95	95	95	94	93	91		✓	
↓		97	96	97	98	96	92	92		✓	
—											PASS
2AD 2GS											8260 25ml AFREE 15E: 1366
		96	95	96	99	98	99	97			
		98	97	96	94	4/9/05 93 95	93	90			
		96	96	94	94	93	90	89		✓	
		94	93	93	97	95	84	90		✓	
		95	96	96	96	98	86	90		✓	
		101	99	99	92	96	87	90		✓	
		102	101	101	92	98	86	90		✓	
		105	105	108	94	96	89	92		✓	
		106	104	107	91	91	88	92		✓	
		101	100	99	94	92	94	92		—	
		102	103	104	95	99	84	91		✓	
		106	103	106	91	91	93	90		✓	
		96	94	99	99	99	88	97		✓	
		100	100	101	94	92	90	91	Y	✓	DF1
		103	103	105	93	93	92	89		✓	
		101	101	102	94	91	91	91		✓	
		101	100	100	93	90	92	91		✓	
		104	104	106	94	94	84	90		✓	
		104	102	103	92	100	92	90		✓	
		99	100	100	92	91	91	89		✓	
		98	98	98	93	91	93	90		✓	
		94	95	94	96	94	96	94		✓	
		101	100	102	92	95	93	92		✓	

NO. _____ Page

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / S
4/9/05	2029	DWW	N4597	A52831 16	Z831	25ml	—	1		
	2027		N4598	A52841 01	2841			1		
	2058	4/11/05 DWW	N4599	A52845 01	2845			1		
	—		N4600	BLK	—		—	1		
4/11/05	0826	DWW	N4601	0411BFBN1	QC	1ml	—	—	WS1A-2	
	—		N4602	VSTD010		25ml			WS6A4-1, WS12AT-7, WS13DN-3	
	0926		N4603	VSTD010						
	0959		N4604	MSB					WS19AX-3, WS19AY-3	
	1046		N4605	VBLK08				—		
			N4606	A52831 06	Z831			1		
			N4607	A52 86601	Z9L6			1		
			N4608	02				1		
			N4609	03				1		
			N4610	04				1		
			N4611	04FD				1		
			N4612	05				1		
			N4613	06				1		
			N4614	07				1		
			N4615	08				1		
			N4616	A52967 01	Z967			1		
			N4617	02				1		
			N4618	03				1		
			N4619	04				1		
			N4620	A52994 01				1		
			N4621	02				1		
			N4622	02FD				1		
			N4623	02MS				1	WS19AX-3, WS19AY-3	
			N4624	02SD				1	" "	
			N4625	BLK				—		

STL BUFFALO

000048

Reviewed By _____ NO. _____

GCMS VOLATILE INJECTION LOG

/ SS M	IS #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
2 AQ 2 GS	100	100	99	93	92	92	84		✓	
	99	99	100	95	92	87	90		✓	
	97	97	98	94	93	92	90		✓	
										PASS
12 AQ 10 GS										
										SURGO 25ml ACCEE ASI. 1766
	105	107	111	93	89	93	91			
	99	102	101	94	93	94	91			

AVG CCV FAILED

NO. _____ Page 2

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS
4/11/05	—	DAW	N4626	A5299403	2994	25mL	—	1	—	
	—		N4627	04			—	1	—	
	—		N4628	05			—	1	—	
4/11/05	1728	CDC	N4629	04LLIJFFSN2	ICAL	1mL	—		WS112.2	—
	1851		N4630	VSTD040		25mL			WS20BL-8 WSGAW-2 WSDAT-8 WS1JDN-5	SSQAO
	1914		N4631	VSTD020						
	1937		N4632	VSTD010						
	1959		N4633	VSTD004						
	2027		N4634	VSTD005						
4/11/05	2045		N4635	04LLIJFFJNJ	CAL	1mL			WS112.2	
	2102		N4636	VSTD010		25mL			WS20BL-8 WSGAW-2 WSDAT-8 WS1JDN-5	
	2124		N4637	MSTD/SSCALCHK					WS19AY-3 WS19AY-3	
	2212		N4638	VICK09						
	2235		N4639	A5283106	2831					
	2258		N4640	A5296601	2966					
	2321		N4641	02						
	2345		N4642	03						
4/12/05	0008		N4643	04						
	0031		N4644	04FD						
	0054		N4645	05						
	0117		N4646	06						
	0141		N4647	07						
	0204		N4648	08						
	0228		N4649	A5296701	2967					
	0251		N4650	02						
	0314		N4651	03						
	0337		N4652	04						
	0400		N4653	A5299401	2994					
	0423		N4654	02						

STL BUFFALO

000050

Reviewed By _____

NO.

127274

GCMS VOLATILE INJECTION LOG

I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
									No CCV FAILED
									PASS
									AFCCC 25/1 (ASI.1378)
									PASS
									AFCCC 25/1 (ASI.1378)
89	89	89	106	102	106	107		—	
95	95	92	96	95	96	93		—	
93	94	90	97	95	91	92		✓	
93	93	90	98	94	90	92		✓	
92	92	87	99	95	96	92		✓	
92	92	88	96	92	94	91		✓	
91	90	86	97	94	93	93		✓	
86	87	84	104	101	102	98		✓	
90	90	86	96	95	97	94		✓	
90	89	96 (87) ok	93 (96) ok	93	96	93		✓	
91	91	87	98	95	97	94		✓	
89	90	86	100	97	96	94		✓	
89	89	86	97	95	95	92		✓	
90	90	87	96	95	95	93 (93) ok		✓	
89	90	86	95	94	96	92		✓	
90	90	87	97	95	96	93		✓	
90	90	89	98	95	94	92		✓	
89	90 (90) ok	87	98	97	88	92		✓	

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[redacted]

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX
4/12/05	0446	CL	N4655	AS299402FD	2994	25mL		1	—	ISSD-dc
	0510		N4656	02MS				1	WS19AY-3 WS19AY-3	
	0533		N4657	02SD				1		
	0556		N4658	03				1		
	0620		N4659	04				1		
	0643		N4660	05				1		
	0706		N4661	06				1		
	0729	—	N4662	07				1	"	
4/12/05	0812	DWW	N4663	0412BFBN1	QC	4/12/05 DWW 10mL	10	—	WS1R-2	—
	—		N4664	VSTD010		25mL	—		WS20BC-8 WS16AU-2, WS12AT-8, WS13DN-5	ES12AD SS10G
	0906		N4665	VSTD010					" " "	
	—		N4666	MSB					WS19AX-3, WS19AY-3	
	1021		N4667	MSB					" "	
	1118		N4668	VBLK10				—	—	
	1210		N4669	AS299407FD	2994			1		
	1233		N4670	08				1		
	1256		N4671	09				1		
	1320		N4672	10				1		
	1343		N4673	11				1		
	1406		N4674	AS299801	2998			1		
	1430		N4675	AS304701	3047			1		
	1453		N4676	02				1		
	1516		N4677	03				1		
	1539		N4678	04				1		
	1603		N4679	05				1		
	1633		N4680	06				1		
	1658		N4681	07				1		
	1720		N4682	08				1		
	1743		N4683	09				1		

GCMS VOLATILE INJECTION LOG

I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
88	89	86	99	94	89	91		✓	
91	92	91	98	93	91	93		✓	
92	92	91	97	91	93	94		✓	
89	90	86	99	97	89	92		✓	
88	89	84	97	93	93	91		✓	
89	90	86	99	97	96	93		✓	
88	88	84	97	95	96	92		✓	
86	88	83	100	96	82	91		✓	
									PASS
									W.G. Acetone ↑
									A.S.T. 1378 8260 AFCEE 25ml
									CH_2F_2 + ACET. ↑
94	94	95	98	95	98	96			
90	90	86	95	93	96	91			
92	92	88	101	97	85	92		✓	
90	91	87	98	93	95	92		✓	
87	88	85	98	97	95	94		✓	
82	82	79	102	99	101	98		✓	
86	87	83	99	96	96	92		✓	
86	87	85	100	99	97	94		✓	
79	81	77	105	102	102	98		✓	
87	88	86	100	95	89	92		✓	
88	88	84	97	94	95	91		✓	
85	86	84	102	97	79	90		✓	
88	90	86	98	96	92	92		✓	
84	86	83	101	98	91	93		✓	
86	88	84	100	98	95	93		✓	
88	89	85	96	96	94	92		✓	
88	89	84	96	93	94	91		✓	

130/274

****
****

AIMS DATA VALIDATION TESTS

Run Date: 04/27/2005
by: SCHOVEJ

Validation Filter:
Job: A05-2831
Fraction(s): MV

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : No exceptions found

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

Tests Not Closed : No exceptions found

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****
Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-2831	MV	Approved	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

****
Matrix Spike Results Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	QClow	QChigh	Pname

A05-2831	A5283102	CTA16520	64.0	74.0	132.0	1,2,4-Trimethyl
A05-2831	A5283102	CTA16520	51.0	74.0	131.0	1,3,5-Trimethyl
A05-2831	A5283102	CTA16520	49.0	75.0	127.0	Isopropylbenzen
A05-2831	A5283102	CTA16520	22.0	65.0	134.0	Styrene
A05-2831	A5283102	CTA16520	53.0	72.0	129.0	n-Propylbenzene
A05-2831	A5283102	CTA16520	70.0	72.0	127.0	sec-Butylbenzen

****

Matrix Spike Duplicate Results Exceeding QC Limits: Exception list

Job	Lab Sample	Test	SDRecov	QClow	QChigh	Pname
A05-2831	A5283102	CTA16520	61.0	74.0	132.0	1,2,4-Trimethyl
A05-2831	A5283102	CTA16520	49.0	74.0	131.0	1,3,5-Trimethyl
A05-2831	A5283102	CTA16520	52.0	75.0	127.0	Isopropylbenzen
A05-2831	A5283102	CTA16520	24.0	65.0	134.0	Styrene
A05-2831	A5283102	CTA16520	55.0	72.0	129.0	n-Propylbenzene

****

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

Sample/Tests with No Sample Time : No exceptions found

Sample/Tests with No Received Time : No exceptions found

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

Batches Not Closed : No exceptions found

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

		Current			Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5283101	CTA16520	100-41-4	UG/L	0.14U	Not Found
A5283101	CTA16520	100-42-5	UG/L	0.12U	Not Found
A5283101	CTA16520	10061-01-5	UG/L	0.10U	Not Found
A5283101	CTA16520	10061-02-6	UG/L	0.10U	Not Found
A5283101	CTA16520	103-65-1	UG/L	8.6	Not Found

Method 8270 Data

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
032905ME	A5283113
TF3M119R13MA	A5283115
TF3M121R12MA	A5283116
TF3M121R12MA	A5283116MS
TF3M121R12MA	A5283116SD

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	2	10	2	1.00	N/A	U
1,2-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,3-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,4-DICHLOROBENZENE	2	10	2	1.00	N/A	U
2,4-DINITROTOLUENE	2	10	2	1.00	N/A	U
2,6-DINITROTOLUENE	2	10	2	1.00	N/A	U
2-CHLORONAPHTHALENE	2	10	2	1.00	N/A	U
2-METHYLNAPHTHALENE	2	10	2	1.00	N/A	U
2-NITROANILINE	2	50	2	1.00	N/A	U
3-NITROANILINE	2	50	2	1.00	N/A	U
3,3'-DICHLOROBENZIDINE	10	20	10	1.00	N/A	U
4-BROMOPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-CHLOROANILINE	4	20	4	1.00	N/A	U
4-CHLOROPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-NITROANILINE	2	50	2	1.00	N/A	U
ACENAPHTHYLENE	2	10	2	1.00	N/A	U
ACENAPHTHENE	2	10	2	1.00	N/A	U
ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)PYRENE	2	10	2	1.00	N/A	U
BENZO(k)FLUORANTHENE	4	10	4	1.00	N/A	U
BENZO(b)FLUORANTHENE	3	10	3	1.00	N/A	U
BENZO(g,h,i)PERYLENE	3	10	3	1.00	N/A	U
BENZYL ALCOHOL	2	20	2	1.00	N/A	U
bis(2-CHLOROETHOXY) METHANE	2	10	2	1.00	N/A	U
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	2	1.00	N/A	U
bis(2-CHLOROISOPROPYL) ETHER	2	10	2	1.00	N/A	U
bis(2-ETHYLHEXYL) PHTHALATE	2	10	2	1.00	N/A	U
BENZYL BUTYL PHTHALATE	2	10	2	1.00	N/A	U
CHRYSENE	3	10	3	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	3	10	3	1.00	N/A	U
DI-n-OCTYL PHTHALATE	2	10	2	1.00	N/A	U
DIBENZ(a,h)ANTHRACENE	3	10	3	1.00	N/A	U
DIBENZOFURAN	2	10	2	1.00	N/A	U
DIETHYL PHTHALATE	2	10	2	1.00	N/A	U
DIMETHYL PHTHALATE	2	10	2	1.00	N/A	U
FLUORANTHENE	3	10	3	1.00	N/A	U
FLUORENE	2	10	2	1.00	N/A	U
HEXACHLOROBENZENE	2	10	2	1.00	N/A	U
HEXACHLOROBUTADIENE	4	10	4	1.00	N/A	U
HEXACHLOROETHANE	3	10	3	1.00	N/A	U
INDENO(1,2,3-c,d)PYRENE	3	10	3	1.00	N/A	U
ISOPHORONE	1	10	1	1.00	N/A	U
N-NITROSODIPHENYLAMINE	3	10	3	1.00	N/A	U
N-NITROSODI-n-PROPYLAMINE	2	10	2	1.00	N/A	U
NAPHTHALENE	2	10	2	1.00	N/A	U
NITROBENZENE	1	10	1	1.00	N/A	U
PHENANTHRENE	2	10	2	1.00	N/A	U
PYRENE	2	10	2	1.00	N/A	U
2,4,5-TRICHLOROPHENOL	2	50	2	1.00	N/A	U
2,4,6-TRICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DIMETHYLPHENOL	1	10	1	1.00	N/A	U
2,4-DINITROPHENOL	10	50	10	1.00	N/A	U
2-CHLOROPHENOL	1	10	1	1.00	N/A	U
2-METHYLPHENOL (o-CRESOL)	2	10	2	1.00	N/A	U
2-NITROPHENOL	1	10	1	1.00	N/A	U
4,6-DINITRO-2-METHYLPHENOL	9	50	9	1.00	N/A	U
4-CHLORO-3-METHYLPHENOL	2	20	2	1.00	N/A	U
4-METHYLPHENOL (p-CRESOL)	3	50	3	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	4	50	4	1.00	N/A	U
BENZOIC ACID	31	100	31	1.00	N/A	U
PENTACHLOROPHENOL	11	50	11	1.00	N/A	U
PHENOL	3	10	3	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	81	41 - 120	
2-FLUOROBIPHENYL	90	48 - 120	
TERPHENYL-D14	99	51 - 135	
PHENOL-D5	29	20 - 120	
2-FLUOROPHENOL	45	20 - 120	
2,4,6-TRIBROMOPHENOL	84	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	250955	111265 - 445058	
NAPHTHALENE-d8	941206	400717 - 1602866	
ACENAPHTHENE-d10	532371	231799 - 927196	
PHENANTHRENE-d10	914768	408777 - 1635108	
CHRYSENE-d12	867223	414909 - 1659636	
PERYLENE-d12	993831	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	3	10	3	1.00	N/A	U
1,2-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,3-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,4-DICHLOROBENZENE	2	10	2	1.00	N/A	U
2,4-DINITROTOLUENE	2	10	2	1.00	N/A	U
2,6-DINITROTOLUENE	2	10	2	1.00	N/A	U
2-CHLORONAPHTHALENE	2	10	2	1.00	N/A	U
2-METHYLNAPHTHALENE	2	10	2	1.00	N/A	U
2-NITROANILINE	2	50	2	1.00	N/A	U
3-NITROANILINE	2	50	2	1.00	N/A	U
3,3'-DICHLOROBENZIDINE	10	20	10	1.00	N/A	U
4-BROMOPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-CHLOROANILINE	4	20	4	1.00	N/A	U
4-CHLOROPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-NITROANILINE	2	50	2	1.00	N/A	U
ACENAPHTHYLENE	2	10	2	1.00	N/A	U
ACENAPHTHENE	2	10	2	1.00	N/A	U
ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)PYRENE	2	10	2	1.00	N/A	U
BENZO(k)FLUORANTHENE	4	10	4	1.00	N/A	U
BENZO(b)FLUORANTHENE	3	10	3	1.00	N/A	U
BENZO(g,h,i)PERYLENE	3	10	3	1.00	N/A	U
BENZYL ALCOHOL	2	20	2	1.00	N/A	U
bis(2-CHLOROETHOXY) METHANE	2	10	2	1.00	N/A	U
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	2	1.00	N/A	U
bis(2-CHLOROISOPROPYL) ETHER	2	10	2	1.00	N/A	U
bis(2-ETHYLHEXYL) PHTHALATE	2	10	2	1.00	N/A	U
BENZYL BUTYL PHTHALATE	2	10	2	1.00	N/A	U
CHRYSENE	3	10	3	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	3	10	3	1.00	N/A	U
DI-n-OCTYL PHTHALATE	2	10	2	1.00	N/A	U
DIBENZ(a,h)ANTHRACENE	3	10	3	1.00	N/A	U
DIBENZOFURAN	2	10	2	1.00	N/A	U
DIETHYL PHTHALATE	2	10	2	1.00	N/A	U
DIMETHYL PHTHALATE	2	10	2	1.00	N/A	U
FLUORANTHENE	3	10	3	1.00	N/A	U
FLUORENE	2	10	2	1.00	N/A	U
HEXACHLOROBENZENE	2	10	2	1.00	N/A	U
HEXACHLOROBUTADIENE	4	10	4	1.00	N/A	U
HEXACHLOROETHANE	3	10	3	1.00	N/A	U
INDENO(1,2,3-c,d)PYRENE	3	10	3	1.00	N/A	U
ISOPHORONE	1	10	1	1.00	N/A	U
N-NITROSODIPHENYLAMINE	3	10	3	1.00	N/A	U
N-NITROSODI-n-PROPYLAMINE	2	10	2	1.00	N/A	U
NAPHTHALENE	2	10	2	1.00	N/A	U
NITROBENZENE	1	10	1	1.00	N/A	U
PHENANTHRENE	3	10	3	1.00	N/A	U
PYRENE	2	10	2	1.00	N/A	U
2,4,5-TRICHLOROPHENOL	2	50	2	1.00	N/A	U
2,4,6-TRICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DIMETHYLPHENOL	1	10	1	1.00	N/A	U
2,4-DINITROPHENOL	10	50	10	1.00	N/A	U
2-CHLOROPHENOL	1	10	1	1.00	N/A	U
2-METHYLPHENOL (o-CRESOL)	2	10	2	1.00	N/A	U
2-NITROPHENOL	1	10	1	1.00	N/A	U
4,6-DINITRO-2-METHYLPHENOL	10	50	10	1.00	N/A	U
4-CHLORO-3-METHYLPHENOL	2	20	2	1.00	N/A	U
4-METHYLPHENOL (p-CRESOL)	3	50	3	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	4	50	4	1.00	N/A	U
BENZOIC ACID	32	100	32	1.00	N/A	U
PENTACHLOROPHENOL	11	50	11	1.00	N/A	U
PHENOL	3	10	3	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	88	41 - 120	
2-FLUOROBIPHENYL	95	48 - 120	
TERPHENYL-D14	96	51 - 135	
PHENOL-D5	30	20 - 120	
2-FLUOROPHENOL	47	20 - 120	
2,4,6-TRIBROMOPHENOL	100	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	215727	111265 - 445058	
NAPHTHALENE-d8	797671	400717 - 1602866	
ACENAPHTHENE-d10	440289	231799 - 927196	
PHENANTHRENE-d10	784732	408777 - 1635108	
CHRYSENE-d12	796173	414909 - 1659636	
PERYLENE-d12	913622	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	2	10	2	1.00	N/A	U
1,2-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,3-DICHLOROBENZENE	2	10	2	1.00	N/A	U
1,4-DICHLOROBENZENE	2	10	2	1.00	N/A	U
2,4-DINITROTOLUENE	2	10	2	1.00	N/A	U
2,6-DINITROTOLUENE	2	10	2	1.00	N/A	U
2-CHLORONAPHTHALENE	2	10	2	1.00	N/A	U
2-METHYLNAPHTHALENE	2	10	2	1.00	N/A	U
2-NITROANILINE	2	50	2	1.00	N/A	U
3-NITROANILINE	2	50	2	1.00	N/A	U
3,3'-DICHLOROBENZIDINE	10	20	10	1.00	N/A	M
4-BROMOPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-CHLOROANILINE	4	20	4	1.00	N/A	U
4-CHLOROPHENYL PHENYL ETHER	2	10	2	1.00	N/A	U
4-NITROANILINE	2	50	2	1.00	N/A	U
ACENAPHTHYLENE	2	10	2	1.00	N/A	U
ACENAPHTHENE	2	10	2	1.00	N/A	U
ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)ANTHRACENE	3	10	3	1.00	N/A	U
BENZO(a)PYRENE	2	10	2	1.00	N/A	U
BENZO(k)FLUORANTHENE	4	10	4	1.00	N/A	U
BENZO(b)FLUORANTHENE	3	10	3	1.00	N/A	U
BENZO(g,h,i)PERYLENE	3	10	3	1.00	N/A	U
BENZYL ALCOHOL	2	20	2	1.00	N/A	U
bis(2-CHLOROETHOXY) METHANE	2	10	2	1.00	N/A	U
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	2	1.00	N/A	U
bis(2-CHLOROISOPROPYL) ETHER	2	10	2	1.00	N/A	U
bis(2-ETHYLHEXYL) PHTHALATE	2	10	2	1.00	N/A	U
BENZYL BUTYL PHTHALATE	2	10	2	1.00	N/A	U
CHRYSENE	3	10	3	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	3	10	3	1.00	N/A	U
DI-n-OCTYL PHTHALATE	2	10	2	1.00	N/A	U
DIBENZ(a,h)ANTHRACENE	3	10	3	1.00	N/A	U
DIBENZOFURAN	2	10	2	1.00	N/A	U
DIETHYL PHTHALATE	2	10	2	1.00	N/A	U
DIMETHYL PHTHALATE	2	10	2	1.00	N/A	U
FLUORANTHENE	3	10	3	1.00	N/A	U
FLUORENE	2	10	2	1.00	N/A	U
HEXACHLOROBENZENE	2	10	2	1.00	N/A	U
HEXACHLOROBUTADIENE	4	10	4	1.00	N/A	U
HEXACHLOROETHANE	3	10	3	1.00	N/A	U
INDENO(1,2,3-c,d)PYRENE	3	10	3	1.00	N/A	U
ISOPHORONE	1	10	1	1.00	N/A	U
N-NITROSODIPHENYLAMINE	3	10	3	1.00	N/A	U
N-NITROSODI-n-PROPYLAMINE	2	10	2	1.00	N/A	U
NAPHTHALENE	2	10	2	1.00	N/A	U
NITROBENZENE	1	10	1	1.00	N/A	U
PHENANTHRENE	2	10	2	1.00	N/A	U
PYRENE	2	10	2	1.00	N/A	U
2,4,5-TRICHLOROPHENOL	2	50	2	1.00	N/A	U
2,4,6-TRICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DICHLOROPHENOL	2	10	2	1.00	N/A	U
2,4-DIMETHYLPHENOL	1	10	1	1.00	N/A	M
2,4-DINITROPHENOL	10	50	10	1.00	N/A	U
2-CHLOROPHENOL	1	10	1	1.00	N/A	U
2-METHYLPHENOL (o-CRESOL)	2	10	2	1.00	N/A	U
2-NITROPHENOL	1	10	1	1.00	N/A	U
4,6-DINITRO-2-METHYLPHENOL	9	50	9	1.00	N/A	U
4-CHLORO-3-METHYLPHENOL	2	20	2	1.00	N/A	U
4-METHYLPHENOL (p-CRESOL)	3	50	3	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	4	50	4	1.00	N/A	U
BENZOIC ACID	31	100	31	1.00	N/A	U
PENTACHLOROPHENOL	11	50	11	1.00	N/A	U
PHENOL	3	10	3	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	86	41 - 120	
2-FLUOROBIPHENYL	96	48 - 120	
TERPHENYL-D14	92	51 - 135	
PHENOL-D5	28	20 - 120	
2-FLUOROPHENOL	40	20 - 120	
2,4,6-TRIBROMOPHENOL	91	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	228556	111265 - 445058	
NAPHTHALENE-d8	880036	400717 - 1602866	
ACENAPHTHENE-d10	483791	231799 - 927196	
PHENANTHRENE-d10	833781	408777 - 1635108	
CHRYSENE-d12	801867	414909 - 1659636	
PERYLENE-d12	902854	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	6	24	130	1.00	N/A	
1,2-DICHLOROBENZENE	6	24	120	1.00	N/A	
1,3-DICHLOROBENZENE	6	24	120	1.00	N/A	
1,4-DICHLOROBENZENE	6	24	120	1.00	N/A	
2,4-DINITROTOLUENE	6	24	180	1.00	N/A	
2,6-DINITROTOLUENE	5	24	190	1.00	N/A	
2-CHLORONAPHTHALENE	5	24	160	1.00	N/A	
2-METHYLNAPHTHALENE	5	24	150	1.00	N/A	
2-NITROANILINE	4	120	180	1.00	N/A	
3-NITROANILINE	4	120	150	1.00	N/A	
3,3'-DICHLOROBENZIDINE	23	47	23	1.00	N/A	U
4-BROMOPHENYL PHENYL ETHER	6	24	190	1.00	N/A	
4-CHLOROANILINE	9	47	52	1.00	N/A	
4-CHLOROPHENYL PHENYL ETHER	6	24	180	1.00	N/A	
4-NITROANILINE	5	120	160	1.00	N/A	
ACENAPHTHYLENE	5	24	170	1.00	N/A	
ACENAPHTHENE	5	24	160	1.00	N/A	
ANTHRACENE	7	24	170	1.00	N/A	
BENZO(a)ANTHRACENE	6	24	180	1.00	N/A	
BENZO(a)PYRENE	6	24	180	1.00	N/A	
BENZO(k)FLUORANTHENE	9	24	180	1.00	N/A	
BENZO(b)FLUORANTHENE	6	24	200	1.00	N/A	
BENZO(g,h,i)PERYLENE	7	24	190	1.00	N/A	
BENZYL ALCOHOL	4	47	150	1.00	N/A	
bis(2-CHLOROETHOXY) METHANE	4	24	160	1.00	N/A	
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	4	24	150	1.00	N/A	
bis(2-CHLOROISOPROPYL) ETHER	4	24	150	1.00	N/A	
bis(2-ETHYLHEXYL) PHTHALATE	6	24	190	1.00	N/A	B
BENZYL BUTYL PHTHALATE	6	24	190	1.00	N/A	
CHRYSENE	7	24	190	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	7	24	190	1.00	N/A	
DI-n-OCTYL PHTHALATE	6	24	200	1.00	N/A	
DIBENZ(a,h)ANTHRACENE	7	24	190	1.00	N/A	
DIBENZOFURAN	5	24	160	1.00	N/A	
DIETHYL PHTHALATE	5	24	190	1.00	N/A	
DIMETHYL PHTHALATE	5	24	190	1.00	N/A	
FLUORANTHENE	6	24	200	1.00	N/A	
FLUORENE	6	24	180	1.00	N/A	
HEXACHLOROBENZENE	6	24	180	1.00	N/A	
HEXACHLOROBUTADIENE	8	24	120	1.00	N/A	
HEXACHLOROETHANE	8	24	110	1.00	N/A	
INDENO(1,2,3-c,d)PYRENE	7	24	180	1.00	N/A	
ISOPHORONE	3	24	160	1.00	N/A	
N-NITROSODIPHENYLAMINE	6	24	65	1.00	N/A	
N-NITROSODI-n-PROPYLAMINE	4	24	170	1.00	N/A	
NAPHTHALENE	4	24	140	1.00	N/A	
NITROBENZENE	3	24	150	1.00	N/A	
PHENANTHRENE	6	24	180	1.00	N/A	
PYRENE	6	24	180	1.00	N/A	
2,4,5-TRICHLOROPHENOL	4	120	170	1.00	N/A	
2,4,6-TRICHLOROPHENOL	4	24	160	1.00	N/A	
2,4-DICHLOROPHENOL	4	24	150	1.00	N/A	
2,4-DIMETHYLPHENOL	3	24	30	1.00	N/A	
2,4-DINITROPHENOL	24	120	180	1.00	N/A	
2-CHLOROPHENOL	3	24	130	1.00	N/A	
2-METHYLPHENOL (o-CRESOL)	5	24	80	1.00	N/A	
2-NITROPHENOL	3	24	160	1.00	N/A	
4,6-DINITRO-2-METHYLPHENOL	22	120	200	1.00	N/A	
4-CHLORO-3-METHYLPHENOL	4	47	150	1.00	N/A	
4-METHYLPHENOL (p-CRESOL)	7	120	67	1.00	N/A	F

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116MS Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	9	120	120	1.00	N/A	
BENZOIC ACID	74	240	360	1.00	N/A	
PENTACHLOROPHENOL	25	120	160	1.00	N/A	
PHENOL	7	24	84	1.00	N/A	

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	82	41 - 120	
2-FLUOROBIPHENYL	94	48 - 120	
TERPHENYL-D14	83	51 - 135	
PHENOL-D5	44	20 - 120	
2-FLUOROPHENOL	51	20 - 120	
2,4,6-TRIBROMOPHENOL	92	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	204400	111265 - 445058	
NAPHTHALENE-d8	781806	400717 - 1602866	
ACENAPHTHENE-d10	434503	231799 - 927196	
PHENANTHRENE-d10	750226	408777 - 1635108	
CHRYSENE-d12	766841	414909 - 1659636	
PERYLENE-d12	811665	428136 - 1712544	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,2,4-TRICHLOROBENZENE	6	24	150	1.00	N/A	
1,2-DICHLOROBENZENE	6	24	140	1.00	N/A	
1,3-DICHLOROBENZENE	6	24	130	1.00	N/A	
1,4-DICHLOROBENZENE	6	24	130	1.00	N/A	
2,4-DINITROTOLUENE	6	24	180	1.00	N/A	
2,6-DINITROTOLUENE	5	24	190	1.00	N/A	
2-CHLORONAPHTHALENE	5	24	170	1.00	N/A	
2-METHYLNAPHTHALENE	5	24	160	1.00	N/A	
2-NITROANILINE	4	120	190	1.00	N/A	
3-NITROANILINE	4	120	160	1.00	N/A	
3,3'-DICHLOROBENZIDINE	23	47	23	1.00	N/A	U
4-BROMOPHENYL PHENYL ETHER	6	24	190	1.00	N/A	
4-CHLOROANILINE	9	47	57	1.00	N/A	
4-CHLOROPHENYL PHENYL ETHER	6	24	180	1.00	N/A	
4-NITROANILINE	5	120	170	1.00	N/A	
ACENAPHTHYLENE	5	24	180	1.00	N/A	
ACENAPHTHENE	5	24	170	1.00	N/A	
ANTHRACENE	7	24	170	1.00	N/A	
BENZO(a)ANTHRACENE	6	24	190	1.00	N/A	
BENZO(a)PYRENE	6	24	190	1.00	N/A	
BENZO(k)FLUORANTHENE	9	24	180	1.00	N/A	
BENZO(b)FLUORANTHENE	6	24	200	1.00	N/A	
BENZO(g,h,i)PERYLENE	7	24	200	1.00	N/A	
BENZYL ALCOHOL	4	47	170	1.00	N/A	
bis(2-CHLOROETHOXY) METHANE	4	24	180	1.00	N/A	
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	4	24	160	1.00	N/A	
bis(2-CHLOROISOPROPYL) ETHER	4	24	170	1.00	N/A	
bis(2-ETHYLHEXYL) PHTHALATE	6	24	200	1.00	N/A	B
BENZYL BUTYL PHTHALATE	6	24	190	1.00	N/A	
CHRYSENE	7	24	190	1.00	N/A	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
DI-n-BUTYL PHTHALATE	7	24	200	1.00	N/A	
DI-n-OCTYL PHTHALATE	6	24	200	1.00	N/A	
DIBENZ(a,h)ANTHRACENE	7	24	200	1.00	N/A	
DIBENZOFURAN	5	24	170	1.00	N/A	
DIETHYL PHTHALATE	5	24	190	1.00	N/A	
DIMETHYL PHTHALATE	5	24	190	1.00	N/A	
FLUORANTHENE	6	24	200	1.00	N/A	
FLUORENE	6	24	180	1.00	N/A	
HEXACHLOROBENZENE	6	24	190	1.00	N/A	
HEXACHLOROBUTADIENE	8	24	140	1.00	N/A	
HEXACHLOROETHANE	8	24	130	1.00	N/A	
INDENO(1,2,3-c,d)PYRENE	7	24	190	1.00	N/A	
ISOPHORONE	3	24	180	1.00	N/A	
N-NITROSODIPHENYLAMINE	6	24	65	1.00	N/A	
N-NITROSODI-n-PROPYLAMINE	4	24	180	1.00	N/A	
NAPHTHALENE	4	24	160	1.00	N/A	
NITROBENZENE	3	24	170	1.00	N/A	
PHENANTHRENE	6	24	190	1.00	N/A	
PYRENE	6	24	190	1.00	N/A	
2,4,5-TRICHLOROPHENOL	4	120	180	1.00	N/A	
2,4,6-TRICHLOROPHENOL	4	24	170	1.00	N/A	
2,4-DICHLOROPHENOL	4	24	170	1.00	N/A	
2,4-DIMETHYLPHENOL	3	24	30	1.00	N/A	
2,4-DINITROPHENOL	24	120	190	1.00	N/A	
2-CHLOROPHENOL	3	24	150	1.00	N/A	
2-METHYLPHENOL (o-CRESOL)	5	24	89	1.00	N/A	
2-NITROPHENOL	3	24	170	1.00	N/A	
4,6-DINITRO-2-METHYLPHENOL	22	120	200	1.00	N/A	
4-CHLORO-3-METHYLPHENOL	4	47	160	1.00	N/A	
4-METHYLPHENOL (p-CRESOL)	7	120	73	1.00	N/A	F

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8270-A98 Preparatory Method: SW3510 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116SD Matrix: WATER

% Solids: _____ Initial Calibration ID: A510001363

Date Received: 30-Mar-2005 Date Prepared: 31-Mar-2005 Date Analyzed: 6-Apr-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4-NITROPHENOL	9	120	120	1.00	N/A	
BENZOIC ACID	74	240	380	1.00	N/A	
PENTACHLOROPHENOL	25	120	180	1.00	N/A	
PHENOL	7	24	95	1.00	N/A	

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	90	41 - 120	
2-FLUOROBIPHENYL	96	48 - 120	
TERPHENYL-D14	84	51 - 135	
PHENOL-D5	50	20 - 120	
2-FLUOROPHENOL	56	20 - 120	
2,4,6-TRIBROMOPHENOL	92	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	211766	111265 - 445058	
NAPHTHALENE-d8	807489	400717 - 1602866	
ACENAPHTHENE-d10	465102	231799 - 927196	
PHENANTHRENE-d10	782993	408777 - 1635108	
CHRYSENE-d12	792443	414909 - 1659636	
PERYLENE-d12	836312	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005

Calibration ID: A510001363 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
PHENOL	10.0	1.671	50.0	1.613	80.0	1.616	120.0	1.672	160.0	1.612	1.900	
bis(2-CHLOROETHYL) ETHER (	10.0	1.368	50.0	1.242	80.0	1.227	120.0	1.306	160.0	1.240	4.700	
2-CHLOROPHENOL	10.0	1.344	50.0	1.308	80.0	1.298	120.0	1.356	160.0	1.271	2.600	
1,3-DICHLOROBENZENE	10.0	1.705	50.0	1.615	80.0	1.524	120.0	1.587	160.0	1.477	5.500	
1,4-DICHLOROBENZENE	10.0	1.726	50.0	1.677	80.0	1.582	120.0	1.624	160.0	1.516	5.000	
BENZYL ALCOHOL	10.0	0.745	50.0	0.831	80.0	0.831	120.0	0.872	160.0	0.847	5.800	
1,2-DICHLOROBENZENE	10.0	1.631	50.0	1.525	80.0	1.440	120.0	1.471	160.0	1.366	6.600	
2-METHYLPHENOL (o-CRESOL)	10.0	1.184	50.0	1.096	80.0	1.063	120.0	1.098	160.0	1.040	5.000	
bis(2-CHLOROISOPROPYL) ETHE	10.0	2.457	50.0	2.124	80.0	2.138	120.0	2.120	160.0	2.090	7.000	
4-METHYLPHENOL (p-CRESOL)	10.0	1.152	50.0	1.123	80.0	1.118	120.0	1.171	160.0	1.133	1.900	
N-NITROSODI-n-PROPYLAMINE	10.0	0.968	50.0	0.990	80.0	0.971	120.0	1.009	160.0	0.975	1.700	
HEXACHLOROETHANE	10.0	0.645	50.0	0.622	80.0	0.581	120.0	0.601	160.0	0.564	5.300	
NITROBENZENE	10.0	0.427	50.0	0.426	80.0	0.412	120.0	0.426	160.0	0.397	3.100	
ISOPHORONE	10.0	0.675	50.0	0.698	80.0	0.674	120.0	0.696	160.0	0.659	2.400	
2-NITROPHENOL	10.0	0.175	50.0	0.200	80.0	0.193	120.0	0.203	160.0	0.191	5.600	
2,4-DIMETHYLPHENOL	10.0	0.315	50.0	0.327	80.0	0.324	120.0	0.335	160.0	0.316	2.600	
BENZOIC ACID	150.0	0.001	180.0	0.137	200.0	0.181	220.0	0.278	260.0	0.323	68.500	4/15/05 MAK
bis(2-CHLOROETHOXY) METHANE	10.0	0.380	50.0	0.397	80.0	0.383	120.0	0.399	160.0	0.380	2.400	
2,4-DICHLOROPHENOL	10.0	0.276	50.0	0.294	80.0	0.286	120.0	0.294	160.0	0.278	3.000	
1,2,4-TRICHLOROBENZENE	10.0	0.367	50.0	0.344	80.0	0.331	120.0	0.336	160.0	0.311	6.000	
NAPHTHALENE	10.0	1.056	50.0	1.031	80.0	0.991	120.0	1.026	160.0	0.969	3.400	
4-CHLOROANILINE	10.0	0.298	50.0	0.378	80.0	0.367	120.0	0.375	160.0	0.353	9.300	
HEXACHLOROBUTADIENE	10.0	0.198	50.0	0.192	80.0	0.185	120.0	0.190	160.0	0.175	4.600	
4-CHLORO-3-METHYLPHENOL	10.0	0.266	50.0	0.287	80.0	0.279	120.0	0.290	160.0	0.276	3.400	
2-METHYLNAPHTHALENE	10.0	0.705	50.0	0.691	80.0	0.670	120.0	0.692	160.0	0.659	2.700	
2,4,6-TRICHLOROPHENOL	10.0	0.332	50.0	0.367	80.0	0.373	120.0	0.379	160.0	0.354	5.200	
2,4,5-TRICHLOROPHENOL	10.0	0.365	50.0	0.407	80.0	0.395	120.0	0.409	160.0	0.380	4.800	
2-CHLORONAPHTHALENE	10.0	1.274	50.0	1.228	80.0	1.199	120.0	1.212	160.0	1.119	4.700	
2-NITROANILINE	10.0	0.307	50.0	0.373	80.0	0.371	120.0	0.386	160.0	0.358	8.500	
DIMETHYL PHTHALATE	10.0	1.475	50.0	1.457	80.0	1.421	120.0	1.441	160.0	1.335	3.800	
ACENAPHTHYLENE	10.0	2.027	50.0	1.980	80.0	1.937	120.0	1.974	160.0	1.835	3.700	
2,6-DINITROTOLUENE	10.0	0.294	50.0	0.328	80.0	0.325	120.0	0.330	160.0	0.309	4.900	
3-NITROANILINE	10.0	0.229	50.0	0.311	80.0	0.310	120.0	0.329	160.0	0.303	13.100	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005

Calibration ID: A510001363 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
ACENAPHTHENE	10.0	1.237	50.0	1.170	80.0	1.150	120.0	1.163	160.0	1.087	4.600	
2,4-DINITROPHENOL	50.0	0.091	80.0	0.139	100.0	0.148	120.0	0.179	160.0	0.178	24.600	*
4-NITROPHENOL	50.0	0.130	80.0	0.164	100.0	0.162	120.0	0.182	160.0	0.180	12.600	
DIBENZOFURAN	10.0	1.898	50.0	1.818	80.0	1.781	120.0	1.820	160.0	1.697	4.000	
2,4-DINITROTOLUENE	10.0	0.428	50.0	0.441	80.0	0.434	120.0	0.439	160.0	0.411	2.800	
DIETHYL PHTHALATE	10.0	1.438	50.0	1.435	80.0	1.394	120.0	1.419	160.0	1.321	3.400	
4-CHLOROPHENYL PHENYL ETHER	10.0	0.733	50.0	0.683	80.0	0.655	120.0	0.660	160.0	0.618	6.400	
FLUORENE	10.0	1.432	50.0	1.415	80.0	1.389	120.0	1.419	160.0	1.324	3.100	
4-NITROANILINE	10.0	0.144	50.0	0.253	80.0	0.277	120.0	0.308	160.0	0.291	25.600	*
4,6-DINITRO-2-METHYLPHENOL	50.0	0.121	80.0	0.139	100.0	0.145	120.0	0.155	160.0	0.149	9.200	
N-NITROSODIPHENYLAMINE	10.0	0.569	50.0	0.556	80.0	0.556	120.0	0.566	160.0	0.525	3.200	
4-BROMOPHENYL PHENYL ETHER	10.0	0.205	50.0	0.210	80.0	0.203	120.0	0.208	160.0	0.191	3.700	
HEXACHLOROBENZENE	10.0	0.215	50.0	0.205	80.0	0.200	120.0	0.199	160.0	0.184	5.700	
PENTACHLOROPHENOL	50.0	0.092	80.0	0.102	100.0	0.106	120.0	0.122	160.0	0.117	11.200	
PHENANTHRENE	10.0	1.216	50.0	1.189	80.0	1.176	120.0	1.201	160.0	1.140	2.400	
ANTHRACENE	10.0	1.202	50.0	1.193	80.0	1.182	120.0	1.200	160.0	1.140	2.100	
DI-n-BUTYL PHTHALATE	10.0	1.202	50.0	1.370	80.0	1.378	120.0	1.455	160.0	1.377	6.900	
FLUORANTHENE	10.0	1.171	50.0	1.258	80.0	1.233	120.0	1.298	160.0	1.209	3.900	
PYRENE	10.0	1.272	50.0	1.309	80.0	1.308	120.0	1.350	160.0	1.273	2.400	
BENZYL BUTYL PHTHALATE	10.0	0.570	50.0	0.625	80.0	0.622	120.0	0.655	160.0	0.620	4.900	
3,3'-DICHLOROBENZIDINE	10.0	0.296	50.0	0.408	80.0	0.420	120.0	0.460	160.0	0.415	15.400	*
BENZO(a)ANTHRACENE	10.0	1.261	50.0	1.293	80.0	1.299	120.0	1.356	160.0	1.286	2.700	
CHRYSENE	10.0	1.238	50.0	1.160	80.0	1.130	120.0	1.219	160.0	1.138	4.100	
bis(2-ETHYLHEXYL) PHTHALATE	10.0	0.797	50.0	0.900	80.0	0.898	120.0	0.972	160.0	0.914	7.000	
DI-n-OCTYL PHTHALATE	10.0	1.165	50.0	1.452	80.0	1.481	120.0	1.673	160.0	1.576	13.000	
BENZO(b)FLUORANTHENE	10.0	1.140	50.0	1.201	80.0	1.301	120.0	1.285	160.0	1.146	6.200	
BENZO(k)FLUORANTHENE	10.0	1.218	50.0	1.301	80.0	1.124	120.0	1.217	160.0	1.159	5.600	
BENZO(a)PYRENE	10.0	1.050	50.0	1.172	80.0	1.140	120.0	1.182	160.0	1.084	5.100	
INDENO(1,2,3-c,d)PYRENE	10.0	1.321	50.0	1.406	80.0	1.345	120.0	1.370	160.0	1.284	3.400	
DIBENZ(a,h)ANTHRACENE	10.0	1.125	50.0	1.163	80.0	1.111	120.0	1.139	160.0	1.069	3.100	
BENZO(g,h,i)PERYLENE	10.0	1.174	50.0	1.161	80.0	1.119	120.0	1.127	160.0	1.057	4.000	

04/18/05 MKH

04/18/05 MKH

04/18/05 MKH

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005

Calibration ID: A5I0001363 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q

Comments:
See Case Narrative Linear regression used 04/18/05 MKP

Response Factor Report HP5973V

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Apr 06 15:49:36 2005
Response via : Initial Calibration

8270
T0753
113e3
C3078
S0059.

Calibration Files
50 =V08758.D 20 =V08757.D 80 =V08759.D
120 =V08760.D 160 =V08761.D

			Compound	50	20	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	ISTD						
2)	T	C705	n-nitrosodidimet	0.679	0.535	0.684	0.704	0.652	0.651	10.34
3)	S	CS50	2-Fluorophenol	1.204	1.193	1.182	1.256	1.167	1.200	2.81
4)	TC	C325	bis(2-Chloroethy	1.242	1.368	1.226	1.305	1.239	1.276	4.68
5)	S	CS45	Phenol-d5	1.415	1.380	1.423	1.484	1.432	1.427	2.63
6)	S	CS70	2-chlorophenol-d	1.279	1.288	1.268	1.309	1.251	1.279	1.71
7)	MC	C315	Phenol	1.613	1.671	1.616	1.672	1.612	1.637	1.94
8)	MC	C330	2-Chlorophenol	1.308	1.344	1.298	1.356	1.271	1.315	2.64
9)	T	C320	aniline	1.811	1.847	1.763	1.817	1.603	1.768	5.48
10)	TC	C335	1,3-Dichlorobenz	1.615	1.705	1.524	1.587	1.477	1.581	5.53
11)	MC	C340	1,4-Dichlorobenz	1.677	1.726	1.582	1.624	1.516	1.625	5.02
12)	S	CS75	1,2-dichlorobenz	0.888	0.952	0.858	0.875	0.821	0.879	5.48
13)	TC	C350	1,2-Dichlorobenz	1.525	1.631	1.440	1.471	1.366	1.487	6.65
14)	T	C345	Benzyl alcohol	0.831	0.744	0.831	0.872	0.847	0.825	5.84
15)	T	C360	bis(2-chloroisop	2.124	2.457	2.138	2.120	2.090	2.186	6.99
16)	TC	C355	2-Methylphenol	1.096	1.184	1.063	1.097	1.040	1.096	4.98
17)	TC	C375	Hexachloroethane	0.622	0.645	0.581	0.601	0.564	0.603	5.27
18)	MC	C370	N-Nitroso-di-n-p	0.989	0.968	0.971	1.009	0.975	0.982	1.72
19)	TC	C365	4-Methylphenol	1.123	1.152	1.118	1.171	1.133	1.139	1.95
20)	I	CI40	Naphthalene-d8	ISTD						
21)	S	CS20	Nitrobenzene-d5	0.397	0.400	0.388	0.404	0.379	0.394	2.51
22)	TC	C410	Nitrobenzene	0.426	0.427	0.412	0.426	0.397	0.418	3.12
23)	TC	C415	Isophorone	0.698	0.675	0.674	0.696	0.659	0.680	2.42
24)	T	C430	benzoic acid	0.137	0.001	0.181	0.278	0.322	-----	
								L	M= 0.774	R^2=0.988
									B= -2.876	
25)	TC	C420	2-Nitrophenol	0.200	0.175	0.193	0.203	0.191	0.192	5.58
26)	TC	C425	2,4-Dimethylphen	0.327	0.315	0.324	0.335	0.316	0.323	2.59
27)	TC	C435	bis(2-Chloroetho	0.397	0.379	0.383	0.399	0.380	0.388	2.45
28)	TC	C440	2,4-Dichlorophen	0.294	0.276	0.286	0.294	0.278	0.285	2.98
29)	MC	C445	1,2,4-Trichlorob	0.344	0.367	0.331	0.336	0.311	0.338	5.98
30)	TC	C450	Naphthalene	1.030	1.056	0.991	1.026	0.969	1.015	3.39
31)	T	C455	4-Chloroaniline	0.378	0.298	0.367	0.375	0.353	0.354	9.27
32)	T	C460	Hexachlorobutadi	0.192	0.198	0.185	0.190	0.175	0.188	4.62
33)	MC	C465	4-Chloro-3-methy	0.287	0.266	0.279	0.290	0.276	0.280	3.43
34)	TC	C470	2-Methylnaphthal	0.691	0.705	0.669	0.692	0.659	0.683	2.71
35)	I	CI50	Acenaphthene-d8	ISTD						
36)	T	C510	Hexachlorocyclop	0.216	0.093	0.250	0.293	0.280	-----	
								L	M= 0.306	R^2=0.993
									B= -0.088	
37)	TC	C515	2,4,6-Trichlorop	0.367	0.332	0.373	0.379	0.354	0.361	5.20
38)	TC	C520	2,4,5-Trichlorop	0.407	0.365	0.395	0.409	0.380	0.391	4.76
39)	S	CS25	2-Fluorobiphenyl	1.348	1.393	1.327	1.338	1.239	1.329	4.22
40)	TC	C525	2-Chloronaphthal	1.228	1.274	1.199	1.212	1.119	1.207	4.67
41)	T	C530	2-Nitroaniline	0.373	0.307	0.371	0.386	0.357	0.359	8.52
42)	MC	C540	Acenaphthylene	1.980	2.027	1.937	1.974	1.835	1.951	3.69
43)	T	C535	Dimethylphthalat	1.457	1.475	1.421	1.441	1.335	1.426	3.81
44)	TC	C542	2,6-Dinitrotolue	0.328	0.294	0.325	0.330	0.309	0.317	4.89
45)	TC	C550	Acenaphthene	1.170	1.237	1.150	1.163	1.087	1.162	4.60
46)	T	C545	3-Nitroaniline	0.311	0.229	0.310	0.329	0.303	0.296	13.11
47)	T	C555	2,4-Dinitropheno	0.139	0.091	0.148	0.179	0.178	-----	
								L	M= 0.223	R^2=0.993
									B= -0.166	

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973V

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Apr 06 15:49:36 2005
Response via : Initial Calibration

Calibration Files
50 =V08758.D 20 =V08757.D 80 =V08759.D
120 =V08760.D 160 =V08761.D

			Compound	50	20	80	120	160	Avg	%RSD
48)	TC	C565	Dibenzofuran	1.818	1.898	1.781	1.820	1.697	1.803	4.03
49)	MC	C570	2,4-Dinitrotolue	0.441	0.428	0.434	0.439	0.411	0.430	2.83
50)	M	C560	4-Nitrophenol	0.164	0.130	0.162	0.182	0.180	0.163	12.65
51)	TC	C590	Fluorene	1.415	1.432	1.389	1.419	1.323	1.396	3.09
52)	TC	C585	4-Chlorophenyl-p	0.683	0.733	0.655	0.660	0.618	0.670	6.36
53)	T	C580	Diethylphthalate	1.435	1.438	1.394	1.419	1.321	1.401	3.43
54)	T	C620	1,2-diphenylhydr	1.433	1.482	1.391	1.447	1.347	1.420	3.69
55)	T	C595	4-Nitroaniline	0.252	0.144	0.277	0.308	0.291	-----	
								L	M= 0.311	R^2=0.996
									B= -0.058	
56)	I	CI60	Phenanthrene-d10	----------ISTD----------						
57)	T	C610	4,6-Dinitro-2-me	0.139	0.121	0.145	0.155	0.149	0.142	9.25
58)	T	C615	n-Nitrosodipheny	0.556	0.569	0.556	0.566	0.525	0.554	3.19
59)	S	CS55	2,4,6-Tribromoph	0.073	0.068	0.075	0.076	0.071	0.073	4.41
60)	TC	C625	4-Bromophenyl-ph	0.210	0.205	0.202	0.208	0.191	0.203	3.67
61)	TC	C630	Hexachlorobenzen	0.205	0.215	0.200	0.199	0.184	0.201	5.68
62)	MC	C635	Pentachloropheno	0.102	0.092	0.106	0.122	0.117	0.108	11.14
63)	TC	C640	Phenanthrene	1.189	1.216	1.176	1.201	1.140	1.185	2.44
64)	TC	C645	Anthracene	1.193	1.202	1.182	1.200	1.140	1.184	2.15
65)	T	C647	carbazole	1.019	0.933	1.035	1.082	1.032	1.020	5.33
66)	T	C650	Di-n-butylphthal	1.370	1.202	1.378	1.455	1.377	1.356	6.87
67)	TC	C655	Fluoranthene	1.258	1.171	1.233	1.298	1.209	1.234	3.91
68)	I	CI70	Chrysene-d12	----------ISTD----------						
69)	MC	C715	Pyrene	1.309	1.272	1.308	1.350	1.273	1.303	2.45
70)	T	C710	benzidine	0.261	0.148	0.302	0.338	0.224	0.255	28.82
71)	S	CS30	Terphenyl-d14	0.910	0.896	0.901	0.920	0.864	0.898	2.36
72)	T	C720	Butylbenzylphtha	0.625	0.570	0.622	0.655	0.620	0.618	4.93
73)	T	C725	3,3'-Dichloroben	0.408	0.296	0.420	0.460	0.415	-----	
								L	M= 0.437	R^2=0.992
									B= -0.027	
74)	TC	C730	Benzo[a]anthrace	1.292	1.261	1.299	1.356	1.286	1.299	2.70
75)	TC	C735	Chrysene	1.160	1.238	1.130	1.219	1.138	1.177	4.13
76)	T	C740	bis(2-Ethylhexyl	0.900	0.797	0.898	0.972	0.914	0.896	7.01
77)	T	C760	Di-n-octylphthal	1.452	1.165	1.481	1.673	1.576	1.469	13.00
78)	I	CI75	Perylene-d12	----------ISTD----------						
79)	TC	C765	Benzo[b]fluorant	1.201	1.140	1.301	1.285	1.146	1.215	6.24
80)	TC	C770	Benzo[k]fluorant	1.301	1.218	1.124	1.217	1.159	1.204	5.60
81)	TC	C775	Benzo[a]pyrene	1.172	1.050	1.140	1.182	1.084	1.126	5.08
82)	TC	C780	Indeno[1,2,3-cd]	1.406	1.321	1.345	1.370	1.284	1.345	3.43
83)	TC	C785	Dibenz[a,h]anthr	1.163	1.125	1.110	1.139	1.069	1.121	3.11
84)	TC	C790	Benzo[g,h,i]pery	1.161	1.173	1.119	1.127	1.057	1.128	4.04

Total Average %RSD 5.17□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005 Calibration ID: A5I0001363

2nd Source ID: A5S0000059 CCV #1 ID: A5C0003078 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
PHENOL	50.00	55.7	11.4	50.00	49.3	-1.4			
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL	50.00	54.6	9.2	50.00	48.7	-2.6			
2-CHLOROPHENOL	50.00	55.2	10.4	50.00	49.7	-0.6			
1,3-DICHLOROBENZENE	50.00	54.1	8.2	50.00	51.1	2.2			
1,4-DICHLOROBENZENE	50.00	53.4	6.8	50.00	51.6	3.2			
BENZYL ALCOHOL	50.00	55.2	10.4	50.00	50.5	1.0			
1,2-DICHLOROBENZENE	50.00	53.3	6.6	50.00	51.3	2.6			
2-METHYLPHENOL (o-CRESOL)	50.00	55.2	10.4	50.00	50.0	0.0			
bis(2-CHLOROISOPROPYL) ETHER	50.00	57.2	14.4	50.00	48.6	-2.8			
4-METHYLPHENOL (p-CRESOL)	50.00	56.1	12.2	50.00	49.3	-1.4			
N-NITROSODI-n-PROPYLAMINE	50.00	58.2	16.4	50.00	50.4	0.8			
HEXACHLOROETHANE	50.00	52.4	4.8	50.00	51.6	3.2			
NITROBENZENE	50.00	53.2	6.4	50.00	51.1	2.2			
ISOPHORONE	50.00	50.7	1.4	50.00	51.3	2.6			
2-NITROPHENOL	50.00	54.7	9.4	50.00	51.9	3.8			
2,4-DIMETHYLPHENOL	50.00	58.4	16.8	50.00	50.6	1.2			
BENZOIC ACID	180.00	167	-7.2	180.00	181	0.6			
bis(2-CHLOROETHOXY) METHANE	50.00	55.4	10.8	50.00	51.2	2.4			
2,4-DICHLOROPHENOL	50.00	55.4	10.8	50.00	51.5	3.0			
1,2,4-TRICHLOROBENZENE	50.00	52.6	5.2	50.00	50.9	1.8			
NAPHTHALENE	50.00	53.6	7.2	50.00	50.8	1.6			
4-CHLOROANILINE	50.00	55.0	10.0	50.00	53.4	6.8			
HEXACHLOROBUTADIENE	50.00	51.9	3.8	50.00	51.0	2.0			
4-CHLORO-3-METHYLPHENOL	50.00	56.2	12.4	50.00	51.3	2.6			
2-METHYLNAPHTHALENE	50.00	53.6	7.2	50.00	50.6	1.2			
2,4,6-TRICHLOROPHENOL	50.00	56.6	13.2	50.00	50.8	1.6			
2,4,5-TRICHLOROPHENOL	50.00	55.2	10.4	50.00	52.0	4.0			
2-CHLORONAPHTHALENE	50.00	56.0	12.0	50.00	50.9	1.8			
2-NITROANILINE	50.00	57.1	14.2	50.00	52.0	4.0			
DIMETHYL PHTHALATE	50.00	54.8	9.6	50.00	51.1	2.2			
ACENAPHTHYLENE	50.00	55.3	10.6	50.00	50.7	1.4			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005 Calibration ID: A5I0001363

2nd Source ID: A5S0000059 CCV #1 ID: A5C0003078 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
2,6-DINITROTOLUENE	50.00	57.0	14.0	50.00	51.7	3.4			
3-NITROANILINE	50.00	54.6	9.2	50.00	52.5	5.0			
ACENAPHTHENE	50.00	54.4	8.8	50.00	50.4	0.8			
2,4-DINITROPHENOL 04/18/05	~~80.00~~ 50.00	54.3	~~32.1~~ 8.6	80.00	79.6	-0.5			
4-NITROPHENOL MRL	~~80.00~~ 50.00	49.1	~~38.6~~ -1.8	80.00	80.1	0.1			
DIBENZOFURAN	50.00	51.4	2.8	50.00	50.4	0.8			
2,4-DINITROTOLUENE	50.00	53.2	6.4	50.00	51.2	2.4			
DIETHYL PHTHALATE	50.00	53.4	6.8	50.00	51.2	2.4			
4-CHLOROPHENYL PHENYL ETHER	50.00	52.5	5.0	50.00	51.0	2.0			
FLUORENE	50.00	54.4	8.8	50.00	50.7	1.4			
4-NITROANILINE	50.00	43.0	-14.0	50.00	47.4	-5.2			
4,6-DINITRO-2-METHYLPHENOL	80.00	53.5	-33.1	80.00	78.6	-1.8			
N-NITROSODIPHENYLAMINE	50.00	54.9	9.8	50.00	50.2	0.4			
4-BROMOPHENYL PHENYL ETHER	50.00	54.8	9.6	50.00	51.6	3.2			
HEXACHLOROBENZENE	50.00	53.7	7.4	50.00	51.1	2.2			
PENTACHLOROPHENOL 04/18/05 MRL	~~80.00~~ 50.00	50.4	~~37.0~~ 0.8	80.00	75.6	-5.5			✓
PHENANTHRENE	50.00	53.6	7.2	50.00	50.2	0.4			
ANTHRACENE	50.00	52.8	5.6	50.00	50.4	0.8			
DI-n-BUTYL PHTHALATE	50.00	53.0	6.0	50.00	50.5	1.0			
FLUORANTHENE	50.00	53.9	7.8	50.00	51.0	2.0			
PYRENE	50.00	57.3	14.6	50.00	50.3	0.6			
BENZYL BUTYL PHTHALATE	50.00	57.6	15.2	50.00	50.5	1.0			
3,3'-DICHLOROBENZIDINE	50.00	53.4	6.8	50.00	48.9	-2.2			
BENZO(a)ANTHRACENE	50.00	53.9	7.8	50.00	49.8	-0.4			
CHRYSENE	50.00	55.2	10.4	50.00	49.3	-1.4			
bis(2-ETHYLHEXYL) PHTHALATE	50.00	56.5	13.0	50.00	50.2	0.4			
DI-n-OCTYL PHTHALATE	50.00	59.4	18.8	50.00	49.4	-1.2			
BENZO(b)FLUORANTHENE	50.00	54.3	8.6	50.00	49.4	-1.2			
BENZO(k)FLUORANTHENE	50.00	52.9	5.8	50.00	54.0	8.0			
BENZO(a)PYRENE	50.00	54.5	9.0	50.00	52.1	4.2			
INDENO(1,2,3-c,d)PYRENE	50.00	53.9	7.8	50.00	52.2	4.4			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005 Calibration ID: A5I0001363

2nd Source ID: A5S0000059 CCV #1 ID: A5C0003078 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
DIBENZ(a,h)ANTHRACENE	50.00	54.6	9.2	50.00	51.9	3.8			
BENZO(g,h,i)PERYLENE	50.00	56.8	13.6	50.00	51.5	3.0			

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Date of Calibration: 6-Apr-2005

SPCC #1 ID: A5I0001363 SPCC #2 ID: A5C0003078 SPCC #3 ID: _____

CCC #1 ID: A5C0003078 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
PHENOL							50.00	49.3	1.4				
1,4-DICHLOROBENZENE							50.00	51.6	3.2				
N-NITROSODI-n-PROPYLAMINE	0.9820	0.0500	0.9895	0.0500									
2-NITROPHENOL							50.00	51.9	3.8				
2,4-DICHLOROPHENOL							50.00	51.5	3.0				
HEXACHLOROBUTADIENE							50.00	51.0	2.0				
4-CHLORO-3-METHYLPHENOL							50.00	51.3	2.6				
HEXACHLOROCYCLOPENTADIENE	0.2270	0.0500	0.2158	0.0500									
2,4,6-TRICHLOROPHENOL							50.00	50.8	1.6				
ACENAPHTHENE							50.00	50.4	0.8				
2,4-DINITROPHENOL	0.1470	0.0500	0.1389	0.0500									
4-NITROPHENOL	0.1630	0.0500	0.1637	0.0500									
N-NITROSODIPHENYLAMINE							50.00	50.2	0.4				
PENTACHLOROPHENOL							80.00	75.6	5.5				
FLUORANTHENE							50.00	51.0	2.0				
DI-n-OCTYL PHTHALATE							50.00	49.4	1.2				
BENZO(a)PYRENE							50.00	52.1	4.2				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0430302

Initial Calibration ID: A5I0001363

Analyte	Method Blank	RL	Q
1,2,4-TRICHLOROBENZENE	2	10	
1,2-DICHLOROBENZENE	2	10	
1,3-DICHLOROBENZENE	2	10	
1,4-DICHLOROBENZENE	2	10	
2,4-DINITROTOLUENE	2	10	
2,6-DINITROTOLUENE	2	10	
2-CHLORONAPHTHALENE	2	10	
2-METHYLNAPHTHALENE	2	10	
2-NITROANILINE	2	50	
3-NITROANILINE	2	50	
3,3'-DICHLOROBENZIDINE	10	20	
4-BROMOPHENYL PHENYL ETHER	2	10	
4-CHLOROANILINE	4	20	
4-CHLOROPHENYL PHENYL ETHER	2	10	
4-NITROANILINE	2	50	
ACENAPHTHYLENE	2	10	
ACENAPHTHENE	2	10	
ANTHRACENE	3	10	
BENZO(a)ANTHRACENE	3	10	
BENZO(a)PYRENE	2	10	
BENZO(k)FLUORANTHENE	4	10	
BENZO(b)FLUORANTHENE	3	10	
BENZO(g,h,i)PERYLENE	3	10	
BENZYL ALCOHOL	2	20	
bis(2-CHLOROETHOXY) METHANE	2	10	
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHE	2	10	
bis(2-CHLOROISOPROPYL) ETHER	2	10	
bis(2-ETHYLHEXYL) PHTHALATE	3	10	
BENZYL BUTYL PHTHALATE	2	10	
CHRYSENE	3	10	
DI-n-BUTYL PHTHALATE	3	10	
DI-n-OCTYL PHTHALATE	2	10	
DIBENZ(a,h)ANTHRACENE	3	10	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B0430302

Initial Calibration ID: A5I0001363

Analyte	Method Blank	RL	Q
DIBENZOFURAN	2	10	
DIETHYL PHTHALATE	2	10	
DIMETHYL PHTHALATE	2	10	
FLUORANTHENE	3	10	
FLUORENE	2	10	
HEXACHLOROBENZENE	2	10	
HEXACHLOROBUTADIENE	4	10	
HEXACHLOROETHANE	3	10	
INDENO(1,2,3-c,d)PYRENE	3	10	
ISOPHORONE	1	10	
N-NITROSODIPHENYLAMINE	3	10	
N-NITROSODI-n-PROPYLAMINE	2	10	
NAPHTHALENE	2	10	
NITROBENZENE	1	10	
PHENANTHRENE	2	10	
PYRENE	2	10	
2,4,5-TRICHLOROPHENOL	2	50	
2,4,6-TRICHLOROPHENOL	2	10	
2,4-DICHLOROPHENOL	2	10	
2,4-DIMETHYLPHENOL	1	10	
2,4-DINITROPHENOL	10	50	
2-CHLOROPHENOL	1	10	
2-METHYLPHENOL (o-CRESOL)	2	10	
2-NITROPHENOL	1	10	
4,6-DINITRO-2-METHYLPHENOL	9	50	
4-CHLORO-3-METHYLPHENOL	2	20	
4-METHYLPHENOL (p-CRESOL)	3	50	
4-NITROPHENOL	4	50	
BENZOIC ACID	31	100	
PENTACHLOROPHENOL	11	50	
PHENOL	3	10	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8270-A98
AAB #: A5B04303
Lab Name: STL Buffalo
Contract #: _____
Concentration Units (ug/L or mg/kg): UG/L
Method Blank ID: A5B0430302
Initial Calibration ID: A5I0001363

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	83	41 - 120	
2-FLUOROBIPHENYL	89	48 - 120	
TERPHENYL-D14	98	51 - 135	
PHENOL-D5	29	20 - 120	
2-FLUOROPHENOL	45	20 - 120	
2,4,6-TRIBROMOPHENOL	96	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	250361	111265 - 445058	
NAPHTHALENE-d8	964796	400717 - 1602866	
ACENAPHTHENE-d10	546343	231799 - 927196	
PHENANTHRENE-d10	924660	408777 - 1635108	
CHRYSENE-d12	883591	414909 - 1659636	
PERYLENE-d12	987728	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0430301 Units: UG/L

Initial Calibration ID: A5I0001363

Analyte	Expected	Found	%R	Control Limits	Q
ACENAPHTHENE	80.0	65.7	82	47 - 120	
ACENAPHTHYLENE	80.0	66.5	83	50 - 120	
ANTHRACENE	80.0	67.3	84	54 - 120	
BENZO(a)ANTHRACENE	80.0	66.6	83	56 - 100	
BENZO(b)FLUORANTHENE	80.0	71.5	89	45 - 124	
BENZO(k)FLUORANTHENE	80.0	65.6	82	45 - 124	
BENZO(g,h,i)PERYLENE	80.0	67.8	85	38 - 123	
BENZO(a)PYRENE	80.0	70.3	88	53 - 120	
BENZOIC ACID	200	153	77	20 - 120	
BENZYL ALCOHOL	80.0	56.8	71	30 - 120	
bis(2-CHLOROETHOXY) METHANE	80.0	64.5	81	46 - 120	
bis(2-CHLOROETHYL) ETHER (2-CHLOROETH	80.0	60.5	76	37 - 120	
bis(2-CHLOROISOPROPYL) ETHER	80.0	63.1	79	26 - 131	
bis(2-ETHYLHEXYL) PHTHALATE	80.0	72.7	87	42 - 126	
4-BROMOPHENYL PHENYL ETHER	80.0	70.0	88	52 - 120	
BENZYL BUTYL PHTHALATE	80.0	68.6	86	46 - 120	
4-CHLOROANILINE	80.0	69.4	87	20 - 120	
4-CHLORO-3-METHYLPHENOL	80.0	67.7	85	47 - 120	
2-CHLORONAPHTHALENE	80.0	65.0	81	49 - 120	
2-CHLOROPHENOL	80.0	57.9	72	37 - 120	
4-CHLOROPHENYL PHENYL ETHER	80.0	65.9	82	50 - 120	
CHRYSENE	80.0	68.4	86	55 - 120	
DIBENZ(a,h)ANTHRACENE	80.0	68.1	85	42 - 127	
DIBENZOFURAN	80.0	61.7	77	54 - 120	
DI-n-BUTYL PHTHALATE	80.0	69.9	87	54 - 120	
1,2-DICHLOROBENZENE	80.0	55.6	70	33 - 120	
1,3-DICHLOROBENZENE	80.0	53.5	67	32 - 120	
1,4-DICHLOROBENZENE	80.0	53.9	67	32 - 120	
3,3'-DICHLOROBENZIDINE	80.0	67.3	84	20 - 120	
2,4-DICHLOROPHENOL	80.0	67.5	84	48 - 120	
DIETHYL PHTHALATE	80.0	66.3	83	41 - 120	
2,4-DIMETHYLPHENOL	80.0	60.4	76	28 - 120	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0430301 Units: UG/L

Initial Calibration ID: A5I0001363

Analyte	Expected	Found	%R	Control Limits	Q
DIMETHYL PHTHALATE	80.0	67.4	84	25 - 127	
4,6-DINITRO-2-METHYLPHENOL	80.0	73.3	92	40 - 130	
2,4-DINITROPHENOL	80.0	73.1	91	25 - 130	
2,4-DINITROTOLUENE	80.0	65.6	82	51 - 120	
2,6-DINITROTOLUENE	80.0	69.3	87	19 - 120	
DI-n-OCTYL PHTHALATE	80.0	71.7	90	37 - 137	
FLUORANTHENE	80.0	72.9	91	54 - 120	
FLUORENE	80.0	67.5	84	50 - 120	
HEXACHLOROBENZENE	80.0	67.7	85	52 - 120	
HEXACHLOROBUTADIENE	80.0	57.0	71	27 - 120	
HEXACHLOROETHANE	80.0	50.5	63	28 - 120	
INDENO(1,2,3-c,d)PYRENE	80.0	67.0	84	43 - 125	
ISOPHORONE	80.0	64.7	81	50 - 120	
2-METHYLNAPHTHALENE	80.0	63.1	79	46 - 120	
2-METHYLPHENOL (o-CRESOL)	80.0	54.3	68	38 - 120	
4-METHYLPHENOL (p-CRESOL)	80.0	52.2	65	32 - 120	
NAPHTHALENE	80.0	61.0	76	39 - 120	
2-NITROANILINE	80.0	69.3	87	48 - 120	
3-NITROANILINE	80.0	70.1	88	20 - 126	
4-NITROANILINE	80.0	64.1	80	36 - 120	
NITROBENZENE	80.0	61.7	77	44 - 120	
2-NITROPHENOL	80.0	65.3	82	39 - 123	
4-NITROPHENOL	80.0	27.2	34	20 - 120	
N-NITROSODIPHENYLAMINE	80.0	69.3	87	48 - 120	
N-NITROSODI-n-PROPYLAMINE	80.0	66.6	83	34 - 128	
PENTACHLOROPHENOL	80.0	68.0	85	38 - 120	
PHENANTHRENE	80.0	67.2	84	51 - 120	
PHENOL	80.0	28.6	36	20 - 120	
PYRENE	80.0	68.7	86	49 - 128	
1,2,4-TRICHLOROBENZENE	80.0	58.8	74	37 - 120	
2,4,5-TRICHLOROPHENOL	80.0	67.0	84	49 - 120	
2,4,6-TRICHLOROPHENOL	80.0	67.4	84	49 - 126	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0430301 Units: UG/L

Initial Calibration ID: A5I0001363

Surrogate	Recovery	Control Limits	Qualifier
NITROBENZENE-D5	80	41 - 120	
2-FLUOROBIPHENYL	85	48 - 120	
TERPHENYL-D14	82	51 - 135	
PHENOL-D5	31	20 - 120	
2-FLUOROPHENOL	45	20 - 120	
2,4,6-TRIBROMOPHENOL	90	42 - 124	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-DICHLOROBENZENE-d4	276014	111265 - 445058	
NAPHTHALENE-d8	1047769	400717 - 1602866	
ACENAPHTHENE-d10	591232	231799 - 927196	
PHENANTHRENE-d10	999306	408777 - 1635108	
CHRYSENE-d12	1019786	414909 - 1659636	
PERYLENE-d12	1069585	428136 - 1712544	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8270-A98 AAB#: A5B04303

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M121R12MA Units: UG/L % Solids: 0.00

MS ID: A5283116MS MSD ID: A5283116SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
ACENAPHTHENE	0	188	165	88	169	90	2	47-120	20	
ACENAPHTHYLENE	0	188	167	89	175	93	4	50-120	20	
ANTHRACENE	0	188	167	89	169	90	1	54-120	20	
BENZO(a)ANTHRACENE	0	188	183	98	188	100	2	56-100	20	
BENZO(b)FLUORANTHENE	0	188	199	106	203	108	2	45-124	20	
BENZO(k)FLUORANTHENE	0	188	175	93	182	97	4	45-124	20	
BENZO(g,h,i)PERYLENE	0	188	188	100	197	105	5	38-123	20	
BENZO(a)PYRENE	0	188	185	98	191	102	4	53-120	20	
BENZOIC ACID	0	470	361	77	375	80	4	20-120	20	
BENZYL ALCOHOL	0	188	150	80	170	91	13	30-120	20	
bis(2-CHLOROETHOXY) METHANE	0	188	160	85	178	95	11	46-120	20	
bis(2-CHLOROETHYL) ETHER (2-CHLOROETHYL	0	188	146	78	161	86	10	37-120	20	
bis(2-CHLOROISOPROPYL) ETHER	0	188	153	82	169	90	9	26-131	20	
bis(2-ETHYLHEXYL) PHTHALATE	0	188	191	102	195	104	2	42-126	20	
4-BROMOPHENYL PHENYL ETHER	0	188	189	100	193	103	3	52-120	20	
BENZYL BUTYL PHTHALATE	0	188	188	100	194	103	3	46-120	20	
4-CHLOROANILINE	0	188	51.5	27	57.2	30	10	20-120	20	
4-CHLORO-3-METHYLPHENOL	0	188	150	80	164	87	8	47-120	20	
2-CHLORONAPHTHALENE	0	188	161	86	168	90	4	49-120	20	
2-CHLOROPHENOL	0	188	133	71	149	80	12	37-120	20	
4-CHLOROPHENYL PHENYL ETHER	0	188	178	95	177	94	1	50-120	20	
CHRYSENE	0	188	188	100	193	103	3	55-120	20	
DIBENZ(a,h)ANTHRACENE	0	188	189	101	195	104	3	42-127	20	
DIBENZOFURAN	0	188	163	87	166	88	1	54-120	20	
DI-n-BUTYL PHTHALATE	0	188	193	103	198	105	2	54-120	20	
1,2-DICHLOROBENZENE	0	188	124	66	140	74	11	33-120	20	
1,3-DICHLOROBENZENE	0	188	119	64	133	71	10	32-120	20	
1,4-DICHLOROBENZENE	0	188	122	65	134	71	9	32-120	20	
3,3'-DICHLOROBENZIDINE	0	188	9.5	5	9.3	5	0	20-120	20	*
2,4-DICHLOROPHENOL	0	188	154	82	169	90	9	48-120	20	

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8270-A98 AAB#: A5B04303

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M121R12MA Units: UG/L % Solids: 0.00

MS ID: A5283116MS MSD ID: A5283116SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
DIETHYL PHTHALATE	0	188	186	99	188	100	1	41-120	20	
2,4-DIMETHYLPHENOL	0	188	30.5	16	30.0	16	0	28-120	20	*
DIMETHYL PHTHALATE	0	188	186	99	186	99	0	25-127	20	
4,6-DINITRO-2-METHYLPHENOL	0	188	195	104	205	109	5	40-130	20	
2,4-DINITROPHENOL	0	188	181	96	193	102	6	25-130	20	
2,4-DINITROTOLUENE	0	188	182	97	184	98	1	51-120	20	
2,6-DINITROTOLUENE	0	188	188	100	192	102	2	19-120	20	
DI-n-OCTYL PHTHALATE	0	188	197	105	204	109	4	37-137	20	
FLUORANTHENE	0	188	199	106	203	108	2	54-120	20	
FLUORENE	0	188	178	95	181	96	1	50-120	20	
HEXACHLOROBENZENE	0	188	184	98	187	100	2	52-120	20	
HEXACHLOROBUTADIENE	0	188	124	66	141	75	13	27-120	20	
HEXACHLOROETHANE	0	188	111	59	126	67	13	28-120	20	
INDENO(1,2,3-c,d)PYRENE	0	188	185	99	193	103	4	43-125	20	
ISOPHORONE	0	188	161	86	176	94	9	50-120	20	
2-METHYLNAPHTHALENE	0	188	151	80	164	88	10	46-120	20	
2-METHYLPHENOL (o-CRESOL)	0	188	79.7	42	89.2	47	11	38-120	20	
4-METHYLPHENOL (p-CRESOL)	0	188	67.0	36	73.4	39	8	32-120	20	
NAPHTHALENE	0	188	145	77	159	85	10	39-120	20	
2-NITROANILINE	0	188	183	98	193	103	5	48-120	20	
3-NITROANILINE	0	188	154	82	159	84	2	20-126	20	
4-NITROANILINE	0	188	162	86	168	90	4	36-120	20	
NITROBENZENE	0	188	152	81	166	88	8	44-120	20	
2-NITROPHENOL	0	188	156	83	174	92	10	39-123	20	
4-NITROPHENOL	0	188	115	62	120	64	3	20-120	20	
N-NITROSODIPHENYLAMINE	0	188	65.0	34	65.2	35	3	48-120	20	*
N-NITROSODI-n-PROPYLAMINE	0	188	169	90	183	98	8	34-128	20	
PENTACHLOROPHENOL	0	188	157	84	178	95	12	38-120	20	
PHENANTHRENE	0	188	184	98	187	100	2	51-120	20	
PHENOL	0	188	84.3	45	95.4	51	12	20-120	20	

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 8270-A98 AAB#: A5B04303

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M121R12MA Units: UG/L % Solids: 0.00

MS ID: A5283116MS MSD ID: A5283116SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Contrl Limits %RPD	Q
PYRENE	0	188	185	98	191	102	4	49-128	20	
1,2,4-TRICHLOROBENZENE	0	188	132	70	151	80	13	37-120	20	
2,4,5-TRICHLOROPHENOL	0	188	171	91	178	95	4	49-120	20	
2,4,6-TRICHLOROPHENOL	0	188	164	87	168	89	2	49-126	20	

Comments:

See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8270-A98 AAB#: A5B04303

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
032905ME	29-Mar-2005	30-Mar-2005	31-Mar-2005	7.00	2.00	6-Apr-2005	40.00	6.00	
TF3M119R13MA	29-Mar-2005	30-Mar-2005	31-Mar-2005	7.00	2.00	6-Apr-2005	40.00	6.00	
TF3M121R12MA	29-Mar-2005	30-Mar-2005	31-Mar-2005	7.00	2.00	6-Apr-2005	40.00	6.00	
TF3M121R12MA	29-Mar-2005	30-Mar-2005	31-Mar-2005	7.00	2.00	6-Apr-2005	40.00	6.00	
TF3M121R12MA	29-Mar-2005	30-Mar-2005	31-Mar-2005	7.00	2.00	6-Apr-2005	40.00	6.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8270-A98 AAB#: A5B04303

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973V

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0003078	06-Apr-2005	1403	06-Apr-2005	1608
Matrix Spike Blank	06-Apr-2005	1609	06-Apr-2005	1633
SBLK	06-Apr-2005	1634	06-Apr-2005	1658
032905ME	06-Apr-2005	1659	06-Apr-2005	1723
TF3M119R13MA	06-Apr-2005	1724	06-Apr-2005	1749
TF3M121R12MA	06-Apr-2005	1750	06-Apr-2005	1814
TF3M121R12MA	06-Apr-2005	1815	06-Apr-2005	1839
TF3M121R12MA	06-Apr-2005	1840	06-Apr-2005	1904

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Compound: DFTPP Injection Date/Time: 6-Apr-2005 13:15

Mass	ION Abundance Criteria	% Relative Abundance	Q
51	30.0 - 60.0% of mass 198	45.4	
68	Less than 2.0% of mass 69	0.0 (0.0) 1	
69	Present	42.5	
70	Less than 2.0% of mass 69	0.2 (0.5) 1	
127	40.0 - 60.0% of mass 198	49.4	
197	Less than 1.0% of mass 198	0.0	
198	Base peak, 100% relative abundance	100.0	
199	5.0 - 9.0% of mass 198	6.3	
275	10.0 - 30.0% of mass 198	22.0	
365	Greater than 1.00% of mass 198	2.8	
441	Present, but less than mass 443	8.6	
442	40.0 - 110.0% of mass 198	59.4	
443	17.0 - 23.0% of mass 442	11.3 (19.0) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
SSTD010	06-Apr-2005	1338
SSTD050	06-Apr-2005	1403
SSTD050	06-Apr-2005	1403
SSTD080	06-Apr-2005	1428
SSTD120	06-Apr-2005	1453
SSTD160	06-Apr-2005	1518
Matrix Spike Blank	06-Apr-2005	1609
SBLK	06-Apr-2005	1634
032905ME	06-Apr-2005	1659
TF3M119R13MA	06-Apr-2005	1724
TF3M121R12MA	06-Apr-2005	1750
TF3M121R12MA	06-Apr-2005	1815
TF3M121R12MA	06-Apr-2005	1840

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8270-A98 AAB #: A5B04303

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973V Compound: DFTPP Injection Date/Time: 13-Apr-2005 08:40

Mass	ION Abundance Criteria	% Relative Abundance	Q
51	30.0 - 60.0% of mass 198	44.3	
68	Less than 2.0% of mass 69	0.0 (0.0) 1	
69	Present	42.2	
70	Less than 2.0% of mass 69	0.3 (0.6) 1	
127	40.0 - 60.0% of mass 198	50.2	
197	Less than 1.0% of mass 198	0.0	
198	Base peak, 100% relative abundance	100.0	
199	5.0 - 9.0% of mass 198	6.7	
275	10.0 - 30.0% of mass 198	22.6	
365	Greater than 1.00% of mass 198	2.6	
441	Present, but less than mass 443	8.9	
442	40.0 - 110.0% of mass 198	59.7	
443	17.0 - 23.0% of mass 442	12.1 (20.2) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
SSTD050	13-Apr-2005	0947

AFCEE METHOD 8270 - SEMI-VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-2831

Client Sample ID	Lab Sample ID	IS1 ANT	#	IS2 CRY	#	IS3 DCB	#	IS4 NPT	#	IS5 PHN	#	IS6 PRY	#
032905ME	A5283113	115		104		113		117		112		116	
Matrix Spike Blank	A5B0430301	128		123		124		131		122		125	
SBLK	A5B0430302	118		106		112		120		113		115	
TF3M119R13MA	A5283115	95		96		97		100		96		107	
TF3M121R12MA	A5283116	104		97		103		110		102		105	
TF3M121R12MA	A5283116MS	94		92		92		98		92		95	
TF3M121R12MA	A5283116SD	100		95		95		101		96		98	

			QC Limits				QC Limits
IS1	ANT	= Acenaphthene-D10	(50 - 200)	IS5	PHN	= Phenanthrene-D10	(50 - 200)
IS2	CRY	= Chrysene-D12	(50 - 200)	IS6	PRY	= Perylene-D12	(50 - 200)
IS3	DCB	= 1,4-Dichlorobenzene-D4	(50 - 200)				
IS4	NPT	= Naphthalene-D8	(50 - 200)				

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE METHOD 8270 - SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0003078

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): V08758.RR Date Analyzed: 04/06/2005

Instrument ID: HP5973V Time Analyzed: 14:03

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		463598		11.13		829818		15.79		222529		6.70	
	UPPER LIMIT		927196		11.63		1659636		16.29		445058		7.20	
	LOWER LIMIT		231799		10.63		414909		15.29		111265		6.20	
	CLIENT SAMPLE	Lab Sample ID												
1	032905ME	A5283113	532371		11.13		867223		15.79		250955		6.70	
2	Matrix Spike Blank	A5B0430301	591232		11.13		1019786		15.80		276014		6.70	
3	SBLK	A5B0430302	546343		11.13		883591		15.79		250361		6.70	
4	TF3M119R13MA	A5283115	440289		11.13		796173		15.79		215727		6.70	
5	TF3M121R12MA	A5283116	483791		11.13		801867		15.79		228556		6.70	
6	TF3M121R12MA	A5283116MS	434503		11.13		766841		15.80		204400		6.70	
7	TF3M121R12MA	A5283116SD	465102		11.13		792443		15.79		211766		6.70	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = ACENAPHTHENE-d10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = CHRYSENE-d12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE METHOD 8270 - SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0003078

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): V08758.RR Date Analyzed: 04/06/2005

Instrument ID: HP5973V Time Analyzed: 14:03

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		801433		8.54		817554		13.15		856272		17.06	
	UPPER LIMIT		1602866		9.04		1635108		13.65		1712544		17.56	
	LOWER LIMIT		400717		8.04		408777		12.65		428136		16.56	
	CLIENT SAMPLE	Lab Sample ID												
1	032905ME	A5283113	941206		8.54		914768		13.15		993831		17.06	
2	Matrix Spike Blank	A5B0430301	1047769		8.54		999306		13.15		1069585		17.06	
3	SBLK	A5B0430302	964796		8.54		924660		13.15		987728		17.05	
4	TF3M119R13MA	A5283115	797671		8.54		784732		13.15		913622		17.05	
5	TF3M121R12MA	A5283116	880036		8.54		833781		13.15		902854		17.05	
6	TF3M121R12MA	A5283116MS	781806		8.54		750226		13.15		811665		17.06	
7	TF3M121R12MA	A5283116SD	807489		8.54		782993		13.15		836312		17.06	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = NAPHTHALENE-d8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = PHENANTHRENE-d10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = PERYLENE-d12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE METHOD 8270 - SEMI-VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-2831

Client Sample ID	Lab Sample ID	S1 2FP	#	S2 FBP	#	S3 NBZ	#	S4 PHL	#	S5 TBP	#	S6 TPH	#
032905ME	A5283113	45		90		81		29		84		99	
Matrix Spike Blank	A5B0430301	45		85		80		31		90		82	
SBLK	A5B0430302	45		89		83		29		96		98	
TF3M119R13MA	A5283115	47		95		88		30		100		96	
TF3M121R12MA	A5283116	40		96		86		28		91		92	
TF3M121R12MA	A5283116MS	51		94		82		44		92		83	
TF3M121R12MA	A5283116SD	56		96		90		50		92		84	

			QC Limits				QC Limits
S1	2FP	= 2-Fluorophenol	(20 - 120)	S5	TBP	= 2,4,6-Tribromophenol	(42 - 124)
S2	FBP	= 2-Fluorobiphenyl	(48 - 120)	S6	TPH	= p-Terphenyl-d14	(51 - 135)
S3	NBZ	= Nitrobenzene-D5	(41 - 120)				
S4	PHL	= Phenol-D5	(20 - 120)				

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

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/ Standard #	JOB #	INJ.VOL	F.V.	DF	NG I.S.	I.S. I.D.
04/04/05	1204	PM	V08754	AS2604I5	AW50012155	2604	2.0	1.0	1	40	SC22-10
	1244		V08755	A01	04/05/05		1.0	↓	↓	↓	↓
	1315		V08756	METPR50	SC18-130						
	1338		V08757	SSTD010	8270(12/01/04)						
	1403		V08758	SSTD050	8270(12/01/04)						
	1428		V08759	SSTD080	8270(12/01/04)						
	1453		V08760	SSTD120							
	1518		V08761	SSTD160							
	1544		V08762	Check050	2nd Sc(04/04/05)						
	1609		V08763	MSB	4105061245 3	2831		1.0	1	40	SC22-10
	1634		V08764	SBLK75	54						
	1659		V08765	AS283113	48						
	1724		V08766	15	49						
	1750		V08767	16	50						
	1815		V08768	16MS	51						
	1840		V08769	16SD	52						

04/11/05 DRY

SEVERN TRENT LABORATORIES

000038

REVIEWED BY

176/274

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS
No tail deg T 0753
I 1363
C 3078
S 0059
No Good - rerun.

DATE 04/11/05

000039

177/274

****
****

AIMS DATA VALIDATION TESTS

Run Date: 04/12/2005
by: FULLERM

Validation Filter:
Job: A05-2831
Fraction(s): MB

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : No exceptions found

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

Tests Not Closed : No exceptions found

****

Method Blank Hits (or errors) : Exception list

Job	Lab Sample	Test	Parameter	Type	Results	Tdl	Flags
A05-2831	A5B0430302	CTA16522	Bis(2-ethylhexy	MBLK	3	10.000	F

OK VRL

****

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-2831	MB	No comments	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

****

Matrix Spike Results Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	QClow	QChigh	Pname
A05-2831	A5283116	CTA16522	16.0	28.0	120.0	2,4-Dimethylphe
A05-2831	A5283116	CTA16522	5.0	20.0	120.0	3,3'-Dichlorobe
A05-2831	A5283116	CTA16522	34.0	48.0	120.0	N-nitrosodiphen

parent w flag MSB OK

****

****

Matrix Spike Duplicate Results Exceeding QC Limits: Exception list

Job	Lab Sample	Test	SDRecov	QClow	QChigh	Pname
A05-2831	A5283116	CTA16522	16.0	28.0	120.0	2,4-Dimethylphe
A05-2831	A5283116	CTA16522	5.0	20.0	120.0	3,3'-Dichlorobe
A05-2831	A5283116	CTA16522	35.0	48.0	120.0	N-nitrosodiphen

parent w flag.

****

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction C
A05-2831	A5B0430301	CTA16522	/ /		MB
A05-2831	A5B0430302	CTA16522	/ /		MB

****

****

Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction C
A05-2831	A5B0430301	CTA16522	/ /		MB
A05-2831	A5B0430302	CTA16522	/ /		MB

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

Batches Not Closed : No exceptions found

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

Lab Sample	Test	Current Parameter	UM	Result	Historical Results
A5283115	CTA16522	100-01-6	UG/L	2U	Not Found
A5283115	CTA16522	100-02-7	UG/L	4U	Not Found
A5283115	CTA16522	100-51-6	UG/L	2U	Not Found
A5283115	CTA16522	101-55-3	UG/L	2U	Not Found
A5283115	CTA16522	105-67-9	UG/L	1U	Not Found
A5283115	CTA16522	106-44-5	UG/L	3U	Not Found
A5283115	CTA16522	106-46-7	UG/L	2U	Not Found
A5283115	CTA16522	106-47-8	UG/L	4U	Not Found
A5283115	CTA16522	108-60-1	UG/L	2U	Not Found
A5283115	CTA16522	108-95-2	UG/L	3U	Not Found
A5283115	CTA16522	111-44-4	UG/L	2U	Not Found
A5283115	CTA16522	111-91-1	UG/L	2U	Not Found
A5283115	CTA16522	117-81-7	UG/L	2U	Not Found
A5283115	CTA16522	117-84-0	UG/L	2U	Not Found
A5283115	CTA16522	118-74-1	UG/L	2U	Not Found
A5283115	CTA16522	120-12-7	UG/L	3U	Not Found
A5283115	CTA16522	120-82-1	UG/L	3U	Not Found
A5283115	CTA16522	120-83-2	UG/L	2U	Not Found
A5283115	CTA16522	121-14-2	UG/L	2U	Not Found
A5283115	CTA16522	129-00-0	UG/L	2U	Not Found
A5283115	CTA16522	131-11-3	UG/L	2U	Not Found
A5283115	CTA16522	132-64-9	UG/L	2U	Not Found
A5283115	CTA16522	191-24-2	UG/L	3U	Not Found
A5283115	CTA16522	193-39-5	UG/L	3U	Not Found
A5283115	CTA16522	205-99-2	UG/L	3U	Not Found
A5283115	CTA16522	206-44-0	UG/L	3U	Not Found
A5283115	CTA16522	207-08-9	UG/L	4U	Not Found
A5283115	CTA16522	208-96-8	UG/L	2U	Not Found
A5283115	CTA16522	218-01-9	UG/L	3U	Not Found
A5283115	CTA16522	50-32-8	UG/L	2U	Not Found
A5283115	CTA16522	51-28-5	UG/L	10U	Not Found
A5283115	CTA16522	53-70-3	UG/L	3U	Not Found
A5283115	CTA16522	534-52-1	UG/L	10U	Not Found
A5283115	CTA16522	541-73-1	UG/L	2U	Not Found
A5283115	CTA16522	56-55-3	UG/L	3U	Not Found
A5283115	CTA16522	59-50-7	UG/L	2U	Not Found
A5283115	CTA16522	606-20-2	UG/L	2U	Not Found
A5283115	CTA16522	621-64-7	UG/L	2U	Not Found
A5283115	CTA16522	65-85-0	UG/L	32U	Not Found
A5283115	CTA16522	67-72-1	UG/L	3U	Not Found
A5283115	CTA16522	7005-72-3	UG/L	2U	Not Found
A5283115	CTA16522	78-59-1	UG/L	1U	Not Found
A5283115	CTA16522	83-32-9	UG/L	2U	Not Found
A5283115	CTA16522	84-66-2	UG/L	2U	Not Found
A5283115	CTA16522	84-74-2	UG/L	3U	Not Found
A5283115	CTA16522	85-01-8	UG/L	3U	Not Found
A5283115	CTA16522	85-68-7	UG/L	2U	Not Found
A5283115	CTA16522	86-30-6	UG/L	3U	Not Found
A5283115	CTA16522	86-73-7	UG/L	2U	Not Found
A5283115	CTA16522	87-68-3	UG/L	4U	Not Found
A5283115	CTA16522	87-86-5	UG/L	11U	Not Found
A5283115	CTA16522	88-06-2	UG/L	2U	Not Found
A5283115	CTA16522	88-74-4	UG/L	2U	Not Found
A5283115	CTA16522	88-75-5	UG/L	1U	Not Found
A5283115	CTA16522	91-20-3	UG/L	2U	Not Found
A5283115	CTA16522	91-57-6	UG/L	2U	Not Found

A5283115	CTA16522	91-58-7	UG/L	2U	Not Found
A5283115	CTA16522	91-94-1	UG/L	10U	Not Found
A5283115	CTA16522	95-48-7	UG/L	2U	Not Found
A5283115	CTA16522	95-50-1	UG/L	2U	Not Found
A5283115	CTA16522	95-57-8	UG/L	1U	Not Found
A5283115	CTA16522	95-95-4	UG/L	2U	Not Found
A5283115	CTA16522	98-95-3	UG/L	1U	Not Found
A5283115	CTA16522	99-09-2	UG/L	2U	Not Found
A5283116	CTA16522	100-01-6	UG/L	2U	Not Found
A5283116	CTA16522	100-02-7	UG/L	4U	Not Found
A5283116	CTA16522	100-51-6	UG/L	2U	Not Found
A5283116	CTA16522	101-55-3	UG/L	2U	Not Found
A5283116	CTA16522	105-67-9	UG/L	1MU	Not Found
A5283116	CTA16522	106-44-5	UG/L	3U	Not Found
A5283116	CTA16522	106-46-7	UG/L	2U	Not Found
A5283116	CTA16522	106-47-8	UG/L	4U	Not Found
A5283116	CTA16522	108-60-1	UG/L	2U	Not Found
A5283116	CTA16522	108-95-2	UG/L	3U	Not Found
A5283116	CTA16522	111-44-4	UG/L	2U	Not Found
A5283116	CTA16522	111-91-1	UG/L	2U	Not Found
A5283116	CTA16522	117-81-7	UG/L	2U	Not Found
A5283116	CTA16522	117-84-0	UG/L	2U	Not Found
A5283116	CTA16522	118-74-1	UG/L	2U	Not Found
A5283116	CTA16522	120-12-7	UG/L	3U	Not Found
A5283116	CTA16522	120-82-1	UG/L	2U	Not Found
A5283116	CTA16522	120-83-2	UG/L	2U	Not Found
A5283116	CTA16522	121-14-2	UG/L	2U	Not Found
A5283116	CTA16522	129-00-0	UG/L	2U	Not Found
A5283116	CTA16522	131-11-3	UG/L	2U	Not Found
A5283116	CTA16522	132-64-9	UG/L	2U	Not Found
A5283116	CTA16522	191-24-2	UG/L	3U	Not Found
A5283116	CTA16522	193-39-5	UG/L	3U	Not Found
A5283116	CTA16522	205-99-2	UG/L	3U	Not Found
A5283116	CTA16522	206-44-0	UG/L	3U	Not Found
A5283116	CTA16522	207-08-9	UG/L	4U	Not Found
A5283116	CTA16522	208-96-8	UG/L	2U	Not Found
A5283116	CTA16522	218-01-9	UG/L	3U	Not Found
A5283116	CTA16522	50-32-8	UG/L	2U	Not Found
A5283116	CTA16522	51-28-5	UG/L	10U	Not Found
A5283116	CTA16522	53-70-3	UG/L	3U	Not Found
A5283116	CTA16522	534-52-1	UG/L	9U	Not Found
A5283116	CTA16522	541-73-1	UG/L	2U	Not Found
A5283116	CTA16522	56-55-3	UG/L	3U	Not Found
A5283116	CTA16522	59-50-7	UG/L	2U	Not Found
A5283116	CTA16522	606-20-2	UG/L	2U	Not Found
A5283116	CTA16522	621-64-7	UG/L	2U	Not Found
A5283116	CTA16522	65-85-0	UG/L	31U	Not Found
A5283116	CTA16522	67-72-1	UG/L	3U	Not Found
A5283116	CTA16522	7005-72-3	UG/L	2U	Not Found
A5283116	CTA16522	78-59-1	UG/L	1U	Not Found
A5283116	CTA16522	83-32-9	UG/L	2U	Not Found
A5283116	CTA16522	84-66-2	UG/L	2U	Not Found
A5283116	CTA16522	84-74-2	UG/L	3U	Not Found
A5283116	CTA16522	85-01-8	UG/L	2U	Not Found
A5283116	CTA16522	85-68-7	UG/L	2U	Not Found
A5283116	CTA16522	86-30-6	UG/L	3U	Not Found
A5283116	CTA16522	86-73-7	UG/L	2U	Not Found
A5283116	CTA16522	87-68-3	UG/L	4U	Not Found
A5283116	CTA16522	87-86-5	UG/L	11U	Not Found
A5283116	CTA16522	88-06-2	UG/L	2U	Not Found
A5283116	CTA16522	88-74-4	UG/L	2U	Not Found
A5283116	CTA16522	88-75-5	UG/L	1U	Not Found
A5283116	CTA16522	91-20-3	UG/L	2U	Not Found
A5283116	CTA16522	91-57-6	UG/L	2U	Not Found
A5283116	CTA16522	91-58-7	UG/L	2U	Not Found
A5283116	CTA16522	91-94-1	UG/L	10MU	Not Found

A5283116	CTA16522	95-48-7	UG/L	2U	Not Found
A5283116	CTA16522	95-50-1	UG/L	2U	Not Found
A5283116	CTA16522	95-57-8	UG/L	1U	Not Found
A5283116	CTA16522	95-95-4	UG/L	2U	Not Found
A5283116	CTA16522	98-95-3	UG/L	1U	Not Found
A5283116	CTA16522	99-09-2	UG/L	2U	Not Found

****

Wet Chemistry Data

Wet Chemistry Analysis

Client Sample No.: 032905ME

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283113

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	6.7	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3CE313MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283101

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.40				353.2-A98	03/30/2005
Total Alkalinity	MG/L	230	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283102

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	201	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11613MC

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283102FD

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	184	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M11713MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283103

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.29				353.2-A98	03/30/2005
Total Alkalinity	MG/L	237	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M119R13MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283115

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	163	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M121R12MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283116

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.0				353.2-A98	03/30/2005
Total Alkalinity	MG/L	144				310.2-A98	04/02/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12313MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283104

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	188	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12613MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283105

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	243	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12713MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283106

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.24				353.2-A98	03/30/2005
Total Alkalinity	MG/L	298	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M12814MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283107

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	402	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M13114MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283108

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.55				353.2-A98	03/30/2005
Total Alkalinity	MG/L	222	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M13217MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283109

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	1.4				353.2-A98	03/30/2005
Total Alkalinity	MG/L	237	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M13316MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283110

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	272	B			310.2-A98	04/01/2005

Comments:

Wet Chemistry Analysis

Client Sample No.: TF3M2114MA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: Q22005

Matrix (soil/water): WATER Lab Sample ID: A5283111

% Solids: 0.0 Date Samp/Recv: 03/29/2005 03/30/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Nitrate	MG/L-N	0.036	U			353.2-A98	03/30/2005
Total Alkalinity	MG/L	166	B			310.2-A98	04/01/2005

Comments:

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
032905ME	A5283113
TF3CE313MA	A5283101
TF3M11613MA	A5283102
TF3M11613MC	A5283102FD
TF3M11613MD	A5283102SD
TF3M11613MS	A5283102MS
TF3M11713MA	A5283103
TF3M119R13MA	A5283115
TF3M121R12MA	A5283116
TF3M12313MA	A5283104
TF3M12613MA	A5283105
TF3M12713MA	A5283106
TF3M12814MA	A5283107
TF3M13114MA	A5283108
TF3M13217MA	A5283109
TF3M13316MA	A5283110
TF3M2114MA	A5283111

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract,both technically and for completeness,for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.40	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MS Lab Sample ID: A5283102MS Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.82	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MD Lab Sample ID: A5283102SD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.81	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.29	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.24	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.55	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.4	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	0.036	1.00	U

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 30-Mar-2005

Concentration Units: MG/L-N

Analyte	MDL	RL	Concentration	Dilution	Qualifier
NITROGEN,NITRATE (AS N)	0.036	0.050	1.0	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A5B0429002 Concentration Units: MG/L-N

Analyte	Method Blank	RL	Q
NITROGEN,NITRATE (AS N)	ND	0.050	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 353.2-A98 AAB #: A5B04290

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0429001 Concentration Units: MG/L-N

Analyte	Expected	Found	%R	Control Limits	Q
NITROGEN,NITRATE (AS N)	2.50	2.61	105	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 7
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 353.2-A98 AAB#: A5B04290

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613MA Units: MG/L-N % Solids: 0.00

MS ID: A5283102MS MSD ID: A5283102SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
NITROGEN,NITRATE (AS N)	0.0044	1.00	0.820	82	0.811	81	1	77 - 123	20	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 353.2-A98 AAB#: A5B04290

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
032905ME	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3CE313MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M11613MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M11613MC	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M11613MD	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M11613MS	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M11713MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M119R13MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M121R12MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M12313MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M12613MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M12713MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M12814MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M13114MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M13217MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M13316MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	
TF3M2114MA	29-Mar-2005	30-Mar-2005	30-Mar-2005	2.00	1.00	

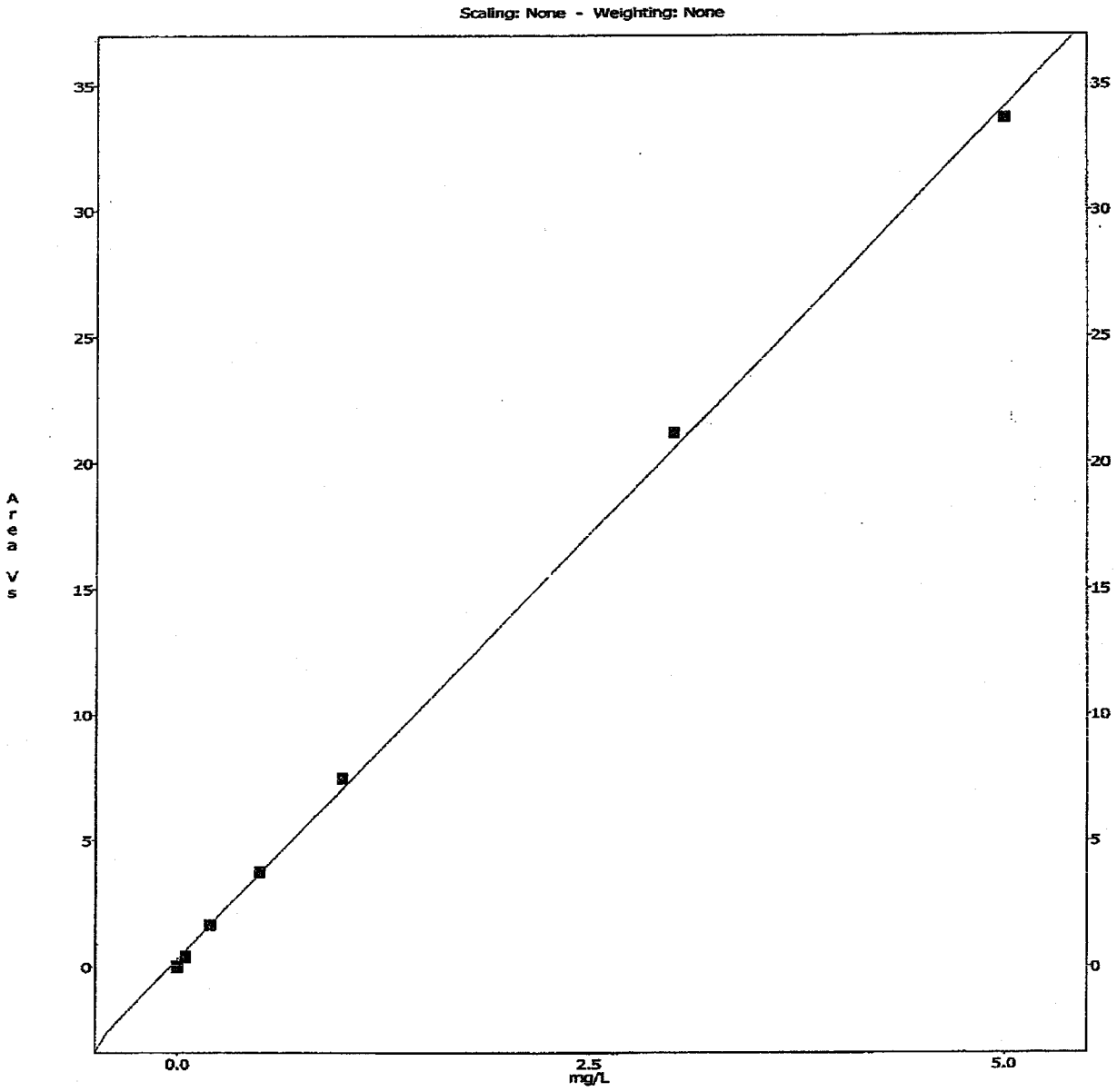
Comments:

NO2-NO3

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	33647404	5.00	33647404					0.0	0.0	1.4
2	21196928	3.00	21196928					0.0	0.0	-3.0
3	7469412	1.00	7469412					0.0	0.0	-5.8
4	3754128	0.50	3754128					0.0	0.0	-1.8
5	1650304	0.20	1650304					0.0	0.0	1.2
6	397147	0.05	397147					0.0	0.0	75.5
7	0	0.00	0					0.0	0.0	

1st Order Poly
Conc = 1.479e-007 Area - 4.652e-002
r = 0.9995

3-25-05



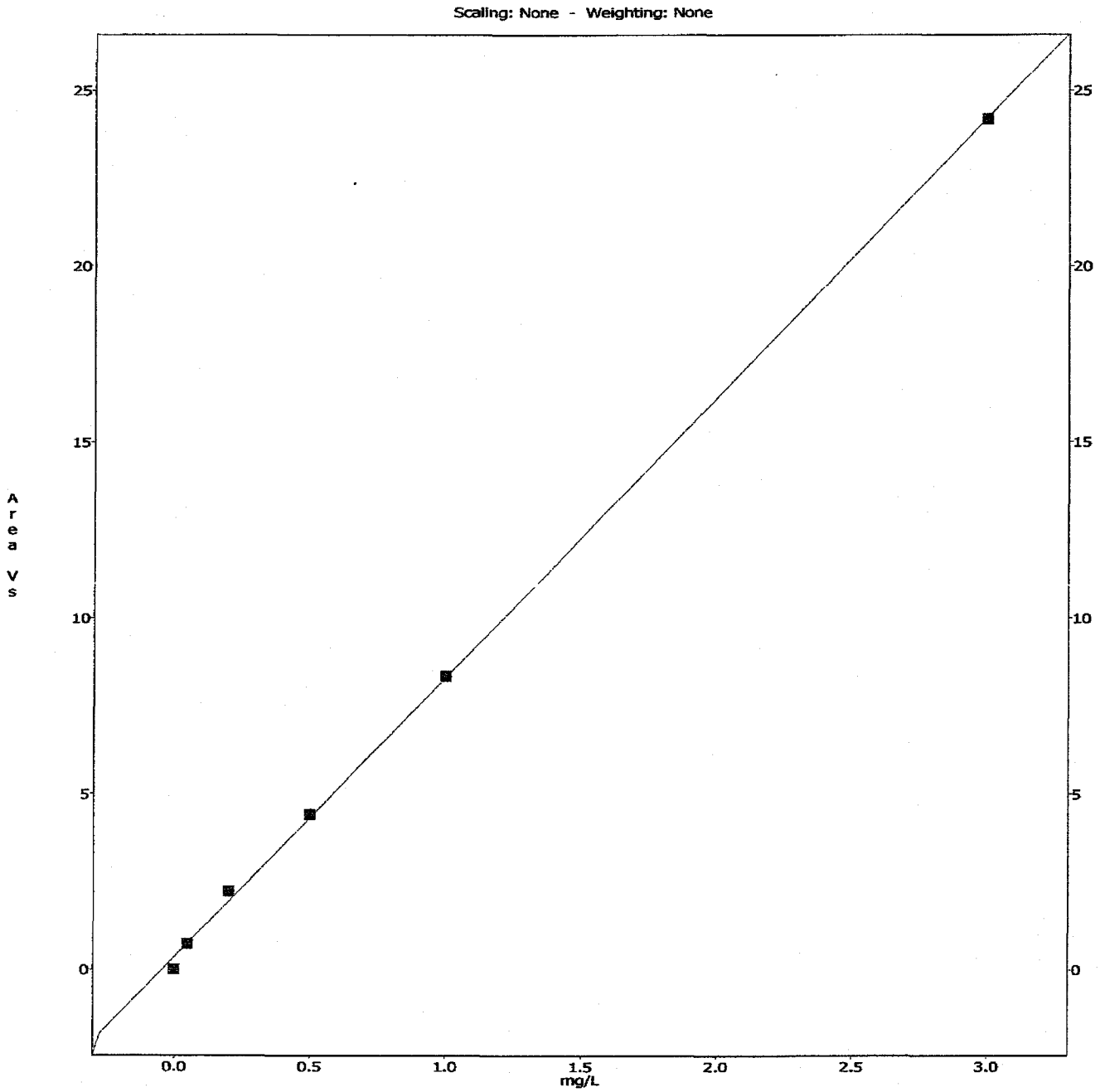
Printed: Tuesday, March 29, 2005 - 05:37 PM

NO2

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	24186702	3.00	24186702					0.0	0.0	0.2
2	8334455	1.00	8334455					0.0	0.0	-0.3
3	4408613	0.50	4408613					0.0	0.0	-2.0
4	2239683	0.20	2239683					0.0	0.0	-18.9
5	733674	0.05	733674					0.0	0.0	2.6
6	0	0.00	0					0.0	0.0	

1st Order Poly
Conc = 1.256e-007 Area - 4.341e-002
r = 0.9997

3-29-05



Printed: Wednesday, March 30, 2005 - 08:12 PM

STL-BUFFALO (NO3/NO2)
OPERATOR: karly
ACQ. TIME: Mar 30, 2005 16:37:24
DATA FILENAME: C:\OMNION\N303305A.FDT
METHOD FILENAME:
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Batch #A5B04290
Start: 16:37
End: 21:18

Method - Ch. 3 (INACTIVE)

Cup	Sample ID	# of Reps	NO2-NO3 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP

STL BUFFALO

Method(s): 353.2

Analyst: KW Date: 3-30-05

Reviewed By: _____ Date: _____

Solutions
10-13-A
10-12-C,D,E
10-1-D,E
9-178-E

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor
1	NO2@2.5PPM	16:37:27	1	2.6223	1.00 105%
2	NO3@2.5PPM	16:38:31	1	2.6193	1.00 105%
3	ICB	16:39:34	1	-0.0465	1.00 <.05
4	a5282101	16:40:38	1	-0.0282	1.00
5	a5282102/2	16:41:42	1	1.0254	1.00 Sec cup # 151
6	a5282103/2	16:42:44	1	1.1055	1.00 Sec cup # 152
7	a5282104/5	16:43:47	1	0.4129	1.00 Sec cup #153
8	a5282301	16:44:49	1	-0.0426	1.00
9	a5282302	16:45:52	1	0.2757	1.00
10	a5282303	16:46:54	1	-0.0280	1.00
11	a5282304	16:47:57	1	-0.0284	1.00
12	a5282305	16:49:00	1	-0.0343	1.00
13	a5282306	16:50:01	1	-0.0395	1.00
14	CCV	16:51:03	1	2.6374	1.00 106%
15	CCB	16:52:04	1	-0.0400	1.00 <.05
16	a5282307	16:53:08	1	0.1037	1.00
17	a5282308	16:54:11	1	-0.0212	1.00
18	a5282309	16:55:15	1	-0.0393	1.00
19	a5282310	16:56:19	1	-0.0213	1.00
20	a5282311	16:57:22	1	-0.0195	1.00
21	a5282312	16:58:26	1	-0.0333	1.00
22	a5282313	16:59:29	1	-0.0054	1.00
23	a5282314	17:00:31	1	-0.0003	1.00
24	a5282314dup	17:01:34	1	0.0042	1.00 RPD:0%
25	a5282314spk	17:02:36	1	0.7945	1.00 79% @1.0ppm
26	CCV	17:03:39	1	2.6078	1.00 104%
27	CCB	17:04:41	1	-0.0465	1.00 <.05

*All samples tested negative for residual chlorine

RE = 2.6193 / 2.6223 x100 = 100%

STL-BUFFALO (NO2)
OPERATOR: karly
ACQ. TIME: Mar 30, 2005 16:37:24
DATA FILENAME: C:\OMNION\N303305A.FDT
METHOD FILENAME:

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 28 to 63

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor	
28	a5282315	17:05:44	1	-0.039	1.00	
29	a5282316	17:06:47	1	0.527	1.00	
30	a5282317	17:07:48	1	1.839	1.00	
31	a5282318	17:08:52	1	0.512	1.00	
32	a5282401	17:09:55	1	-0.039	1.00	
33	a5282501	17:10:59	1	-0.016	1.00	
34	a5282701	17:12:03	1	0.196	1.00	
35	a5282801	17:13:06	1	0.143	1.00	
36	a5282802	17:14:10	1	0.320	1.00	
37	a5282803	17:15:13	1	0.098	1.00	
38	CCV	17:16:16	1	2.631	1.00	105%
39	CCB	17:17:19	1	-0.047	1.00	<.05
40	a5282901	17:18:21	1	-0.005	1.00	
41	a5282902	17:19:24	1	-0.032	1.00	
42	a5282903	17:20:26	1	-0.047	1.00	
43	a5282904	17:21:29	1	-0.029	1.00	
44	a5282905	17:22:31	1	4.290	1.00	
45	a5282906	17:23:34	1	-0.039	1.00	
46	a5282907	17:24:38	1	-0.029	1.00	
47	a5282908	17:25:41	1	-0.038	1.00	
48	a5282908dup	17:26:45	1	-0.035	1.00	RPD=0%
49	a5282908spk	17:27:49	1	0.595	1.00	60% of 1.0ppm
50	CCV	17:28:52	1	2.585	1.00	103%
51	CCB	17:29:56	1	-0.039	1.00	<.05
52	a5282909	17:30:59	1	-0.027	1.00	
53	a5282910	17:32:03	1	0.005	1.00	
54	a5282911	17:33:06	1	-0.037	1.00	
55	a5282912	17:34:08	1	0.422	1.00	
56	a5282913	17:35:11	1	0.017	1.00	
57	a5282914	17:36:13	1	-0.023	1.00	
58	a5282915	17:37:16	1	1.962	1.00	
59	a5282916	17:38:19	1	1.069	1.00	
60	a5282917	17:39:21	1	4.303	1.00	
61	a5282918	17:40:26	1	-0.040	1.00	
62	CCV	17:41:31	1	2.603	1.00	104%
63	CCB	17:42:34	1	-0.035	1.00	<.05

Method - Ch. 3 (INACTIVE)

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 64 to 99

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor
64	a5282919/5	17:43:38	1	3.106	1.00
65	a5283001	17:44:42	1	1.718	1.00
66	a5283002	17:45:45	1	1.524	1.00
67	a5283003	17:46:49	1	2.525	1.00
68	a5283004/2	17:47:52	1	3.288	1.00
69	a5283005	17:48:56	1	1.944	1.00
70	a5283006	17:50:00	1	-0.008	1.00
71	a5283007	17:51:02	1	-0.024	1.00
72	a5283007dup	17:52:05	1	-0.022	1.00 RPD=0%
73	a5283007spk	17:53:07	1	0.912	1.00 91% @1.00ppm
74	CCV	17:54:10	1	2.489	1.00 100%
75	CCB	17:55:13	1	-0.047	1.00 <.05
76	a5283008/2	17:56:17	1	0.078	1.00 See c+# 154
77	a5283009	17:57:22	1	0.107	1.00
78	a5283010	17:58:26	1	-0.006	1.00
79	a5283011	17:59:29	1	2.640	1.00
80	a5283012	18:00:33	1	-0.025	1.00
81	a5283101	18:01:36	1	0.403	1.00
82	a5283102	18:02:40	1	0.004	1.00
83	a5283102FD	18:03:44	1	-0.012	1.00 RPD=0%
84	a5283102MS	18:04:47	1	0.820	1.00 82% @1.00ppm RPD=1.10%
85	a5283102SD	18:05:51	1	0.811	1.00 81% @1.00ppm
86	CCV	18:11:00	1	2.408	1.00 96%
87	CCB	18:12:02	1	-0.022	1.00 <.05
88	a5283103	18:13:05	1	0.291	1.00
89	a5283104	18:14:08	1	-0.029	1.00
90	a5283105	18:15:10	1	-0.022	1.00
91	a5283106	18:16:15	1	0.238	1.00
92	a5283107	18:17:20	1	-0.039	1.00
93	a5283108	18:18:25	1	0.548	1.00
94	a5283109	18:19:29	1	1.408	1.00
95	a5283110	18:20:34	1	-0.029	1.00
96	a5283111	18:21:39	1	-0.015	1.00
97	a5283113	18:22:42	1	-0.041	1.00
98	CCV	18:23:46	1	2.460	1.00 98%
99	CCB	18:24:49	1	-0.041	1.00 <.05

OPERATOR: karly
ACQ. TIME: Mar 30, 2005 16:37:24
DATA FILENAME: C:\OMNION\N303305A.FDT
METHOD FILENAME:

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 100 to 128

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor
100	a5283115	18:25:53	1	-0.0239	1.00
101	a5283116	18:26:56	1	1.0116	1.00
102	a5283301	18:28:00	1	-0.0364	1.00
103	a5283302	18:29:04	1	0.0227	1.00
104	a5283303	18:30:06	1	0.5155	1.00
105	a5283304	18:31:09	1	0.0266	1.00
106	a5283501	18:32:14	1	0.0038	1.00
107	a5283801	18:33:19	1	0.0279	1.00
108	a5283801dup	18:34:23	1	0.0376	1.00 RPD=0%
109	a5283801spk	18:35:28	1	0.8423	1.00 81% @1.0ppm
110	CCV	18:36:33	1	2.5189	1.00 / 01%
111	CCB	18:37:37	1	-0.0435	1.00 <.05
112	a5283802	18:38:42	1	-0.0260	1.00
113	a5283803	18:39:47	1	0.5641	1.00
114	a5283804	18:40:51	1	0.4483	1.00
115	a5283805	18:41:55	1	0.2880	1.00
116	a5284801	18:42:58	1	0.0372	1.00
117	a5284802	18:44:02	1	0.0317	1.00
118	a5284803	18:45:05	1	-0.0026	1.00
119	a5284804	18:46:09	1	-0.0185	1.00
120	a5284805	18:47:12	1	0.9679	1.00
121	a5284806	18:48:16	1	-0.0236	1.00
122	CCV	18:49:21	1	2.5803	1.00/03%
123	CCB	18:50:26	1	-0.0465	1.00 <.05
124	a5284806FD	18:51:31	1	-0.0238	1.00 RPD=0%
125	a5284807	18:52:35	1	-0.0335	1.00
126	a5284808	18:53:40	1	-0.0376	1.00
127	a5284809	18:54:45	1	-0.0364	1.00
128	a5284810	18:55:49	1	-0.0370	1.00

OPERATOR: karly
ACQ. TIME: Mar 30, 2005 16:37:24
DATA FILENAME: C:\OMNION\N303305A.FDT
METHOD FILENAME:

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 129 to 159

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)	Auto Dil Factor
129	a5284811	18:56:54	1	0.139	1.00
130	a5284812	18:57:59	1	0.310	1.00
131	a5284812MS	18:59:02	1	1.279	1.00 97% @1.1ppm RPD = .47%
132	a5284812SD	19:00:06	1	1.285	1.00 98% @1.1 ppm
133	a5284813	19:01:09	1	-0.018	1.00
134	CCV	19:02:13	1	2.612	1.00 104%
135	CCB	19:03:17	1	-0.047	1.00 <.05
136	a5285001/5	19:04:21	1	2.028	1.00
137	a5285002	19:05:26	1	5.241	1.00 See cup #154
138	a5285003	19:06:31	1	-0.004	1.00
139	a5285004	19:07:35	1	5.038	1.00 See cup #155
140	a5285005/2	19:08:40	1	3.782	1.00
141	a5286801	19:09:45	1	0.147	1.00
142	a5286802	19:10:50	1	1.163	1.00
143	a5286803	19:11:54	1	0.322	1.00
144	a5286804	19:12:57	1	1.085	1.00
145	a5286805	19:14:01	1	0.497	1.00
146	CCV	19:15:05	1	2.606	1.00 104%
147	CCB	19:16:08	1	-0.047	1.00 <.05
148	a5286806	19:17:12	1	3.867	1.00
149	a5286807	19:18:16	1	0.327	1.00
150	a5286201	19:19:19	1	-0.026	1.00
151	A5282102	19:20:24	1	2.028	1.00
152	A5282103	19:21:29	1	2.201	1.00
153	A5282104	19:22:33	1	2.174	1.00
154	A5283008	19:23:38	1	0.176	1.00
155	A5285002/2	19:24:43	1	2.864	1.00
156	A5285004/2	19:25:47	1	2.484	1.00
157	A5282302	19:55:29	1	0.264	1.00
158	CCV	19:56:33	1	2.581	1.00 103%
159	CCB	19:57:38	1	-0.047	1.00 <.05

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 160 to 190

Cup	Sample ID	Sampling Time	# of Reps	NO2-NO3 (mg/L)
160	A5282308	19:58:42	1	-0.013
161	A5282317	19:59:45	1	1.815
162	A5282318	20:00:49	1	0.503
163	A5282701	20:01:53	1	0.182
164	A5282801	20:02:57	1	0.146
165	A5282905	20:04:00	1	4.326
166	A5283302	20:05:06	1	0.049
170	CCV	20:07:28	1	2.656 106%
171	CCB	20:08:33	1	0.030 <.05

STL-BUFFALO (NO2)
OPERATOR: karly
ACQ. TIME: Mar 30, 2005 20:12:31
DATA FILENAME: C:\OMNION\N203305A.FDT
METHOD FILENAME: Multi-H:\LACHAT\NO2.MET
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

Method - Ch. 3 (INACTIVE)

Cup	Sample ID	# of Reps	NO2 (uv-s)

NO SAMPLE INFO FOR THE SELECTED CUP RANGE

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 27

Cup	Sample ID	Sampling Time	# of Reps	NO2 (mg/L)
1	NO2ICV@1.0ppm	20:12:35	1	1.0341 103%
2	ICB	20:14:36	1	-0.0434 <.05
3	a5282102	20:15:40	1	-0.0076
4	a5282103	20:16:43	1	-0.0119
5	a5282104	20:17:47	1	-0.0090
6	a5282302	20:18:49	1	-0.0418
7	a5282307	20:19:52	1	-0.0420
8	a5282316	20:20:55	1	-0.0409
9	a5282317	20:21:57	1	-0.0355
10	a5282318	20:23:00	1	-0.0388
11	a5282701	20:24:02	1	-0.0425
12	a5282801	20:25:05	1	-0.0352
13	CCV	20:26:06	1	1.0260 103%
14	CCB	20:27:08	1	-0.0434 <.05
15	a5282802	20:28:09	1	-0.0377
16	a5282803	20:29:13	1	-0.0416
17	a5282905	20:30:17	1	-0.0375
18	a5282912	20:31:20	1	-0.0390
19	a5282915	20:32:24	1	-0.0386
20	a5282916	20:33:28	1	-0.0286
21	a5282917	20:34:31	1	-0.0428
22	a5282919	20:35:34	1	-0.0393
23	a5282919dup	20:36:36	1	-0.0326 RPD=0%
24	a5282919spk	20:37:39	1	0.9208 92%@1.0ppm
25	CCV	20:38:41	1	1.0378 104%
26	CCB	20:39:44	1	-0.0434 <.05
27	a5283001	20:40:47	1	-0.0434

STL-BUFFALO (NO2)
OPERATOR: karly
ACQ. TIME: Mar 30, 2005 20:12:31
DATA FILENAME: C:\OMNION\N203305A.FDT
METHOD FILENAME: H:\LACHAT\NO2.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 – Cup Range: 28 to 64

Cup	Sample ID	Sampling Time	# of Reps	NO2 (mg/L)	
28	a5283002	20:41:49	1	-0.0386	
29	a5283003	20:42:52	1	-0.0434	
30	a5283004	20:43:53	1	-0.0415	
31	a5283005	20:44:57	1	-0.0343	
32	a5283008	20:46:01	1	-0.0418	
33	a5283009	20:47:04	1	-0.0067	
34	a5283011	20:48:08	1	-0.0354	
35	a5283101	20:49:11	1	-0.0412	
36	a5283103	20:50:15	1	0.0127	
37	CCV	20:51:19	1	1.0276	103%
38	CCB	20:52:21	1	-0.0387	<.05
39	a5283106	20:53:24	1	-0.0332	
40	a5283108	20:54:26	1	-0.0405	
41	a5283109	20:55:29	1	-0.0298	
42	a5283116	20:56:31	1	-0.0406	
43	a5283303	20:57:34	1	0.0173	
44	a5283803	20:58:37	1	-0.0283	
45	a5283804	20:59:39	1	-0.0290	
46	a5283805	21:00:43	1	-0.0199	
47	a5283805dup	21:01:47	1	-0.0173	RPD=0%
48	a5283805spk	21:02:50	1	0.8586	86%@1.0ppm
49	CCV	21:03:54	1	1.0302	103%
50	CCB	21:04:57	1	-0.0434	<.05
51	a5284805	21:06:01	1	-0.0205	
52	a5284811	21:07:05	1	-0.0396	
53	a5284812	21:08:08	1	-0.0421	
54	a5285001	21:09:11	1	-0.0340	
55	a5285002	21:10:13	1	-0.0369	
56	a5285004	21:11:16	1	0.0131	
57	a5285005	21:12:19	1	-0.0083	
61	CCV	21:13:23	1	1.0251	103%
62	CCB	21:18:35	1	-0.0434	<.05

****
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AIMS DATA VALIDATION TESTS

Run Date: 03/30/2005
by: WOODK

Validation Filter:
Batch: A5B04290
Fraction(s): WC

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

****
Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A05-2827	A5282701	CTA22598	0.0000	ANO3/NO2
A05-2828	A5282801	CTA22598	0.0000	ANO3/NO2
A05-2828	A5282802	CTA22598	0.0000	ANO3/NO2
A05-2828	A5282803	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282901	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282902	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282903	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282904	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282905	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282906	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282907	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282908	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282908MS	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282909	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282910	CTA22598	0.0000	ANO3/NO2

A05-2829	A5282911	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282912	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282913	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282914	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282915	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282916	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282917	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282918	CTA22598	0.0000	ANO3/NO2
A05-2829	A5282919	CTA22598	0.0000	ANO3/NO2
A05-2862	A5286201	CTA05325	0.0000	ANO3/NO2
A05-2868	A5286801	CTA27459	0.0000	ANO3/NO2
A05-2868	A5286802	CTA27459	0.0000	ANO3/NO2
A05-2868	A5286803	CTA27458	0.0000	ANO3/NO2
A05-2868	A5286804	CTA27458	0.0000	ANO3/NO2
A05-2868	A5286805	CTA27459	0.0000	ANO3/NO2
A05-2868	A5286806	CTA27459	0.0000	ANO3/NO2
A05-2868	A5286807	CTA27459	0.0000	ANO3/NO2
A5B04290	A5B0429001	CTA05325	0.0000	ANO3/NO2
A5B04290	A5B0429001	CTA22598	0.0000	ANO3/NO2
A5B04290	A5B0429001	CTA27458	0.0000	ANO3/NO2
A5B04290	A5B0429001	CTA27459	0.0000	ANO3/NO2
A5B04290	A5B0429002	CTA05325	0.0000	ANO3/NO2
A5B04290	A5B0429002	CTA22598	0.0000	ANO3/NO2
A5B04290	A5B0429002	CTA27458	0.0000	ANO3/NO2
A5B04290	A5B0429002	CTA27459	0.0000	ANO3/NO2
A05-2821	A5282101	CTA14519	0.0000	NITRATE
A05-2821	A5282102	CTA14519	0.0000	NITRATE
A05-2821	A5282103	CTA14519	0.0000	NITRATE
A05-2821	A5282104	CTA14519	0.0000	NITRATE
A05-2823	A5282301	CTA14297	0.0000	NITRATE
A05-2823	A5282302	CTA14297	0.0000	NITRATE
A05-2823	A5282303	CTA14297	0.0000	NITRATE
A05-2823	A5282304	CTA14297	0.0000	NITRATE
A05-2823	A5282305	CTA14297	0.0000	NITRATE
A05-2823	A5282306	CTA14297	0.0000	NITRATE
A05-2823	A5282307	CTA14297	0.0000	NITRATE
A05-2823	A5282308	CTA14297	0.0000	NITRATE
A05-2823	A5282309	CTA14297	0.0000	NITRATE
A05-2823	A5282310	CTA14297	0.0000	NITRATE
A05-2823	A5282311	CTA14297	0.0000	NITRATE
A05-2823	A5282312	CTA14297	0.0000	NITRATE
A05-2823	A5282313	CTA14297	0.0000	NITRATE
A05-2823	A5282314	CTA14297	0.0000	NITRATE
A05-2823	A5282314MS	CTA14297	0.0000	NITRATE
A05-2823	A5282315	CTA14297	0.0000	NITRATE
A05-2823	A5282316	CTA14297	0.0000	NITRATE
A05-2823	A5282317	CTA14297	0.0000	NITRATE
A05-2823	A5282318	CTA14297	0.0000	NITRATE
A05-2824	A5282401	CTA27257	0.0000	NITRATE
A05-2825	A5282501	CTA27257	0.0000	NITRATE
A05-2827	A5282701	CTA17266	0.0000	NITRATE
A05-2828	A5282801	CTA17266	0.0000	NITRATE
A05-2828	A5282802	CTA17266	0.0000	NITRATE
A05-2828	A5282803	CTA17266	0.0000	NITRATE
A05-2829	A5282901	CTA17266	0.0000	NITRATE
A05-2829	A5282902	CTA17266	0.0000	NITRATE
A05-2829	A5282903	CTA17266	0.0000	NITRATE
A05-2829	A5282904	CTA17266	0.0000	NITRATE
A05-2829	A5282905	CTA17266	0.0000	NITRATE
A05-2829	A5282906	CTA17266	0.0000	NITRATE
A05-2829	A5282907	CTA17266	0.0000	NITRATE
A05-2829	A5282908	CTA17266	0.0000	NITRATE
A05-2829	A5282909	CTA17266	0.0000	NITRATE
A05-2829	A5282910	CTA17266	0.0000	NITRATE
A05-2829	A5282911	CTA17266	0.0000	NITRATE
A05-2829	A5282912	CTA17266	0.0000	NITRATE

A05-2829	A5282913	CTA17266	0.0000	NITRATE
A05-2829	A5282914	CTA17266	0.0000	NITRATE
A05-2829	A5282915	CTA17266	0.0000	NITRATE
A05-2829	A5282916	CTA17266	0.0000	NITRATE
A05-2829	A5282917	CTA17266	0.0000	NITRATE
A05-2829	A5282918	CTA17266	0.0000	NITRATE
A05-2829	A5282919	CTA17266	0.0000	NITRATE
A05-2830	A5283001	CTA05275	0.0000	NITRATE
A05-2830	A5283002	CTA05275	0.0000	NITRATE
A05-2830	A5283003	CTA05275	0.0000	NITRATE
A05-2830	A5283004	CTA05275	0.0000	NITRATE
A05-2830	A5283005	CTA05275	0.0000	NITRATE
A05-2830	A5283006	CTA05275	0.0000	NITRATE
A05-2830	A5283007	CTA05275	0.0000	NITRATE
A05-2830	A5283007MS	CTA05275	0.0000	NITRATE
A05-2830	A5283008	CTA05275	0.0000	NITRATE
A05-2830	A5283009	CTA05275	0.0000	NITRATE
A05-2830	A5283010	CTA05275	0.0000	NITRATE
A05-2830	A5283011	CTA05275	0.0000	NITRATE
A05-2830	A5283012	CTA05275	0.0000	NITRATE
A05-2831	A5283101	CTA09627	0.0000	NITRATE
A05-2831	A5283102	CTA09627	0.0000	NITRATE
A05-2831	A5283102FD	CTA09627	0.0000	NITRATE
A05-2831	A5283102MS	CTA09627	0.0000	NITRATE
A05-2831	A5283102SD	CTA09627	0.0000	NITRATE
A05-2831	A5283103	CTA09627	0.0000	NITRATE
A05-2831	A5283104	CTA09627	0.0000	NITRATE
A05-2831	A5283105	CTA09627	0.0000	NITRATE
A05-2831	A5283106	CTA09627	0.0000	NITRATE
A05-2831	A5283107	CTA09627	0.0000	NITRATE
A05-2831	A5283108	CTA09627	0.0000	NITRATE
A05-2831	A5283109	CTA09627	0.0000	NITRATE
A05-2831	A5283110	CTA09627	0.0000	NITRATE
A05-2831	A5283111	CTA09627	0.0000	NITRATE
A05-2831	A5283113	CTA09627	0.0000	NITRATE
A05-2831	A5283115	CTA09627	0.0000	NITRATE
A05-2831	A5283116	CTA09627	0.0000	NITRATE
A05-2833	A5283301	CTA14297	0.0000	NITRATE
A05-2833	A5283302	CTA14297	0.0000	NITRATE
A05-2833	A5283303	CTA14297	0.0000	NITRATE
A05-2833	A5283304	CTA14297	0.0000	NITRATE
A05-2835	A5283501	CTA05487	0.0000	NITRATE
A05-2838	A5283801	CTA05487	0.0000	NITRATE
A05-2838	A5283801MS	CTA05487	0.0000	NITRATE
A05-2838	A5283802	CTA05487	0.0000	NITRATE
A05-2838	A5283803	CTA05487	0.0000	NITRATE
A05-2838	A5283804	CTA05487	0.0000	NITRATE
A05-2838	A5283805	CTA05487	0.0000	NITRATE
A05-2848	A5284801	CTA27503	0.0000	NITRATE
A05-2848	A5284802	CTA27503	0.0000	NITRATE
A05-2848	A5284803	CTA27503	0.0000	NITRATE
A05-2848	A5284804	CTA27503	0.0000	NITRATE
A05-2848	A5284805	CTA27503	0.0000	NITRATE
A05-2848	A5284806	CTA27503	0.0000	NITRATE
A05-2848	A5284806FD	CTA27503	0.0000	NITRATE
A05-2848	A5284807	CTA27503	0.0000	NITRATE
A05-2848	A5284808	CTA27503	0.0000	NITRATE
A05-2848	A5284809	CTA27503	0.0000	NITRATE
A05-2848	A5284810	CTA27503	0.0000	NITRATE
A05-2848	A5284811	CTA27503	0.0000	NITRATE
A05-2848	A5284812	CTA27503	0.0000	NITRATE
A05-2848	A5284812MS	CTA27503	0.0000	NITRATE
A05-2848	A5284812SD	CTA27503	0.0000	NITRATE
A05-2848	A5284813	CTA27503	0.0000	NITRATE
A05-2850	A5285001	CTA22808	0.0000	NITRATE
A05-2850	A5285002	CTA22808	0.0000	NITRATE

A05-2850	A5285003	CTA22808	0.0000	NITRATE
A05-2850	A5285004	CTA22808	0.0000	NITRATE
A05-2850	A5285005	CTA22808	0.0000	NITRATE
A5B04290	A5B0429001	CTA05275	0.0000	NITRATE
A5B04290	A5B0429001	CTA05487	0.0000	NITRATE
A5B04290	A5B0429001	CTA09627	0.0000	NITRATE
A5B04290	A5B0429001	CTA14297	0.0000	NITRATE
A5B04290	A5B0429001	CTA14519	0.0000	NITRATE
A5B04290	A5B0429001	CTA17266	0.0000	NITRATE
A5B04290	A5B0429001	CTA22808	0.0000	NITRATE
A5B04290	A5B0429001	CTA27257	0.0000	NITRATE
A5B04290	A5B0429001	CTA27503	0.0000	NITRATE
A5B04290	A5B0429002	CTA05275	0.0000	NITRATE
A5B04290	A5B0429002	CTA05487	0.0000	NITRATE
A5B04290	A5B0429002	CTA09627	0.0000	NITRATE
A5B04290	A5B0429002	CTA14297	0.0000	NITRATE
A5B04290	A5B0429002	CTA14519	0.0000	NITRATE
A5B04290	A5B0429002	CTA17266	0.0000	NITRATE
A5B04290	A5B0429002	CTA22808	0.0000	NITRATE
A5B04290	A5B0429002	CTA27257	0.0000	NITRATE
A5B04290	A5B0429002	CTA27503	0.0000	NITRATE
A05-2821	A5282101	CTA24914	0.0000	NITRITE
A05-2821	A5282102	CTA24914	0.0000	NITRITE
A05-2821	A5282103	CTA24914	0.0000	NITRITE
A05-2821	A5282104	CTA24914	0.0000	NITRITE
A05-2827	A5282701	CTA17282	0.0000	NITRITE
A05-2828	A5282801	CTA17282	0.0000	NITRITE
A05-2828	A5282802	CTA17282	0.0000	NITRITE
A05-2828	A5282803	CTA17282	0.0000	NITRITE
A05-2829	A5282901	CTA17282	0.0000	NITRITE
A05-2829	A5282902	CTA17282	0.0000	NITRITE
A05-2829	A5282903	CTA17282	0.0000	NITRITE
A05-2829	A5282904	CTA17282	0.0000	NITRITE
A05-2829	A5282905	CTA17282	0.0000	NITRITE
A05-2829	A5282906	CTA17282	0.0000	NITRITE
A05-2829	A5282907	CTA17282	0.0000	NITRITE
A05-2829	A5282908	CTA17282	0.0000	NITRITE
A05-2829	A5282909	CTA17282	0.0000	NITRITE
A05-2829	A5282910	CTA17282	0.0000	NITRITE
A05-2829	A5282911	CTA17282	0.0000	NITRITE
A05-2829	A5282912	CTA17282	0.0000	NITRITE
A05-2829	A5282913	CTA17282	0.0000	NITRITE
A05-2829	A5282914	CTA17282	0.0000	NITRITE
A05-2829	A5282915	CTA17282	0.0000	NITRITE
A05-2829	A5282916	CTA17282	0.0000	NITRITE
A05-2829	A5282917	CTA17282	0.0000	NITRITE
A05-2829	A5282918	CTA17282	0.0000	NITRITE
A05-2829	A5282919	CTA17282	0.0000	NITRITE
A5B04290	A5B0429001	CTA17282	0.0000	NITRITE
A5B04290	A5B0429001	CTA24914	0.0000	NITRITE
A5B04290	A5B0429002	CTA17282	0.0000	NITRITE
A5B04290	A5B0429002	CTA24914	0.0000	NITRITE

****

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

****

Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date

A05-2821	A5282101	CTA14519	O	FS	03/30/2005
A05-2821	A5282102	CTA14519	O	FS	03/30/2005
A05-2821	A5282103	CTA14519	O	FS	03/30/2005
A05-2821	A5282104	CTA14519	O	FS	03/30/2005
A05-2821	A5282101	CTA24914	O	FS	03/30/2005
A05-2821	A5282102	CTA24914	O	FS	03/30/2005
A05-2821	A5282103	CTA24914	O	FS	03/30/2005
A05-2821	A5282104	CTA24914	O	FS	03/30/2005
A05-2823	A5282301	CTA14297	O	FS	03/30/2005
A05-2823	A5282302	CTA14297	O	FS	03/30/2005
A05-2823	A5282303	CTA14297	O	FS	03/30/2005
A05-2823	A5282304	CTA14297	O	FS	03/30/2005
A05-2823	A5282305	CTA14297	O	FS	03/30/2005
A05-2823	A5282306	CTA14297	O	FS	03/30/2005
A05-2823	A5282307	CTA14297	O	FS	03/30/2005
A05-2823	A5282308	CTA14297	O	FS	03/30/2005
A05-2823	A5282309	CTA14297	O	FS	03/30/2005
A05-2823	A5282310	CTA14297	O	FS	03/30/2005
A05-2823	A5282311	CTA14297	O	FS	03/30/2005
A05-2823	A5282312	CTA14297	O	FS	03/30/2005
A05-2823	A5282313	CTA14297	O	FS	03/30/2005
A05-2823	A5282314	CTA14297	O	FS	03/30/2005
A05-2823	A5282314MS	CTA14297	O	MS	03/30/2005
A05-2823	A5282315	CTA14297	O	FS	03/30/2005
A05-2823	A5282316	CTA14297	O	FS	03/30/2005
A05-2823	A5282317	CTA14297	O	FS	03/30/2005
A05-2823	A5282318	CTA14297	O	FS	03/30/2005
A05-2824	A5282401	CTA27257	O	FS	03/30/2005
A05-2825	A5282501	CTA27257	O	FS	03/30/2005
A05-2827	A5282701	CTA17266	O	FS	03/30/2005
A05-2827	A5282701	CTA17282	O	FS	03/30/2005
A05-2827	A5282701	CTA22598	O	FS	03/30/2005
A05-2828	A5282801	CTA17266	O	FS	03/30/2005
A05-2828	A5282802	CTA17266	O	FS	03/30/2005
A05-2828	A5282803	CTA17266	O	FS	03/30/2005
A05-2828	A5282801	CTA17282	O	FS	03/30/2005
A05-2828	A5282802	CTA17282	O	FS	03/30/2005
A05-2828	A5282803	CTA17282	O	FS	03/30/2005
A05-2828	A5282801	CTA22598	O	FS	03/30/2005
A05-2828	A5282802	CTA22598	O	FS	03/30/2005
A05-2828	A5282803	CTA22598	O	FS	03/30/2005
A05-2829	A5282901	CTA17266	O	FS	03/30/2005
A05-2829	A5282902	CTA17266	O	FS	03/30/2005
A05-2829	A5282903	CTA17266	O	FS	03/30/2005
A05-2829	A5282904	CTA17266	O	FS	03/30/2005
A05-2829	A5282905	CTA17266	O	FS	03/30/2005
A05-2829	A5282906	CTA17266	O	FS	03/30/2005
A05-2829	A5282907	CTA17266	O	FS	03/30/2005
A05-2829	A5282908	CTA17266	O	FS	03/30/2005
A05-2829	A5282909	CTA17266	O	FS	03/30/2005
A05-2829	A5282910	CTA17266	O	FS	03/30/2005
A05-2829	A5282911	CTA17266	O	FS	03/30/2005
A05-2829	A5282912	CTA17266	O	FS	03/30/2005
A05-2829	A5282913	CTA17266	O	FS	03/30/2005
A05-2829	A5282914	CTA17266	O	FS	03/30/2005
A05-2829	A5282915	CTA17266	O	FS	03/30/2005
A05-2829	A5282916	CTA17266	O	FS	03/30/2005
A05-2829	A5282917	CTA17266	O	FS	03/30/2005
A05-2829	A5282918	CTA17266	O	FS	03/30/2005
A05-2829	A5282919	CTA17266	O	FS	03/30/2005
A05-2829	A5282901	CTA17282	O	FS	03/30/2005
A05-2829	A5282902	CTA17282	O	FS	03/30/2005
A05-2829	A5282903	CTA17282	O	FS	03/30/2005
A05-2829	A5282904	CTA17282	O	FS	03/30/2005
A05-2829	A5282905	CTA17282	O	FS	03/30/2005
A05-2829	A5282906	CTA17282	O	FS	03/30/2005

A05-2829	A5282907	CTA17282	O	FS	03/30/2005
A05-2829	A5282908	CTA17282	O	FS	03/30/2005
A05-2829	A5282909	CTA17282	O	FS	03/30/2005
A05-2829	A5282910	CTA17282	O	FS	03/30/2005
A05-2829	A5282911	CTA17282	O	FS	03/30/2005
A05-2829	A5282912	CTA17282	O	FS	03/30/2005
A05-2829	A5282913	CTA17282	O	FS	03/30/2005
A05-2829	A5282914	CTA17282	O	FS	03/30/2005
A05-2829	A5282915	CTA17282	O	FS	03/30/2005
A05-2829	A5282916	CTA17282	O	FS	03/30/2005
A05-2829	A5282917	CTA17282	O	FS	03/30/2005
A05-2829	A5282918	CTA17282	O	FS	03/30/2005
A05-2829	A5282919	CTA17282	O	FS	03/30/2005
A05-2829	A5282901	CTA22598	O	FS	03/30/2005
A05-2829	A5282902	CTA22598	O	FS	03/30/2005
A05-2829	A5282903	CTA22598	O	FS	03/30/2005
A05-2829	A5282904	CTA22598	O	FS	03/30/2005
A05-2829	A5282905	CTA22598	O	FS	03/30/2005
A05-2829	A5282906	CTA22598	O	FS	03/30/2005
A05-2829	A5282907	CTA22598	O	FS	03/30/2005
A05-2829	A5282908	CTA22598	O	FS	03/30/2005
A05-2829	A5282908MS	CTA22598	O	MS	03/30/2005
A05-2829	A5282909	CTA22598	O	FS	03/30/2005
A05-2829	A5282910	CTA22598	O	FS	03/30/2005
A05-2829	A5282911	CTA22598	O	FS	03/30/2005
A05-2829	A5282912	CTA22598	O	FS	03/30/2005
A05-2829	A5282913	CTA22598	O	FS	03/30/2005
A05-2829	A5282914	CTA22598	O	FS	03/30/2005
A05-2829	A5282915	CTA22598	O	FS	03/30/2005
A05-2829	A5282916	CTA22598	O	FS	03/30/2005
A05-2829	A5282917	CTA22598	O	FS	03/30/2005
A05-2829	A5282918	CTA22598	O	FS	03/30/2005
A05-2829	A5282919	CTA22598	O	FS	03/30/2005
A05-2830	A5283001	CTA05275	O	FS	03/30/2005
A05-2830	A5283002	CTA05275	O	FS	03/30/2005
A05-2830	A5283003	CTA05275	O	FS	03/30/2005
A05-2830	A5283004	CTA05275	O	FS	03/30/2005
A05-2830	A5283005	CTA05275	O	FS	03/30/2005
A05-2830	A5283006	CTA05275	O	FS	03/30/2005
A05-2830	A5283007	CTA05275	O	FS	03/30/2005
A05-2830	A5283007MS	CTA05275	O	MS	03/30/2005
A05-2830	A5283008	CTA05275	O	FS	03/30/2005
A05-2830	A5283009	CTA05275	O	FS	03/30/2005
A05-2830	A5283010	CTA05275	O	FS	03/30/2005
A05-2830	A5283011	CTA05275	O	FS	03/30/2005
A05-2830	A5283012	CTA05275	O	FS	03/30/2005
A05-2831	A5283101	CTA09627	O	FS	03/30/2005
A05-2831	A5283102	CTA09627	O	FS	03/30/2005
A05-2831	A5283102FD	CTA09627	O	FD	03/30/2005
A05-2831	A5283102MS	CTA09627	O	MS	03/30/2005
A05-2831	A5283102SD	CTA09627	O	SD	03/30/2005
A05-2831	A5283103	CTA09627	O	FS	03/30/2005
A05-2831	A5283104	CTA09627	O	FS	03/30/2005
A05-2831	A5283105	CTA09627	O	FS	03/30/2005
A05-2831	A5283106	CTA09627	O	FS	03/30/2005
A05-2831	A5283107	CTA09627	O	FS	03/30/2005
A05-2831	A5283108	CTA09627	O	FS	03/30/2005
A05-2831	A5283109	CTA09627	O	FS	03/30/2005
A05-2831	A5283110	CTA09627	O	FS	03/30/2005
A05-2831	A5283111	CTA09627	O	FS	03/30/2005
A05-2831	A5283113	CTA09627	O	SB	03/30/2005
A05-2831	A5283115	CTA09627	O	FS	03/30/2005
A05-2831	A5283116	CTA09627	O	FS	03/30/2005
A05-2833	A5283301	CTA14297	O	FS	03/30/2005
A05-2833	A5283302	CTA14297	O	FS	03/30/2005
A05-2833	A5283303	CTA14297	O	FS	03/30/2005

A05-2833	A5283304	CTA14297	O	FS	03/30/2005
A05-2835	A5283501	CTA05487	O	FS	03/30/2005
A05-2838	A5283801	CTA05487	O	FS	03/30/2005
A05-2838	A5283801MS	CTA05487	O	MS	03/30/2005
A05-2838	A5283802	CTA05487	O	FS	03/30/2005
A05-2838	A5283803	CTA05487	O	FS	03/30/2005
A05-2838	A5283804	CTA05487	O	FS	03/30/2005
A05-2838	A5283805	CTA05487	O	FS	03/30/2005
A05-2848	A5284801	CTA27503	O	FS	03/30/2005
A05-2848	A5284802	CTA27503	O	FS	03/30/2005
A05-2848	A5284803	CTA27503	O	FS	03/30/2005
A05-2848	A5284804	CTA27503	O	FS	03/30/2005
A05-2848	A5284805	CTA27503	O	FS	03/30/2005
A05-2848	A5284806	CTA27503	O	FS	03/30/2005
A05-2848	A5284806FD	CTA27503	O	FD	03/30/2005
A05-2848	A5284807	CTA27503	O	FS	03/30/2005
A05-2848	A5284808	CTA27503	O	FS	03/30/2005
A05-2848	A5284809	CTA27503	O	FS	03/30/2005
A05-2848	A5284810	CTA27503	O	FS	03/30/2005
A05-2848	A5284811	CTA27503	O	FS	03/30/2005
A05-2848	A5284812	CTA27503	O	FS	03/30/2005
A05-2848	A5284812MS	CTA27503	O	MS	03/30/2005
A05-2848	A5284812SD	CTA27503	O	SD	03/30/2005
A05-2848	A5284813	CTA27503	O	FS	03/30/2005
A05-2850	A5285001	CTA22808	O	FS	03/30/2005
A05-2850	A5285002	CTA22808	O	FS	03/30/2005
A05-2850	A5285003	CTA22808	O	FS	03/30/2005
A05-2850	A5285004	CTA22808	O	FS	03/30/2005
A05-2850	A5285005	CTA22808	O	FS	03/30/2005
A05-2862	A5286201	CTA05325	O	FS	03/30/2005
A05-2868	A5286803	CTA27458	O	FS	03/30/2005
A05-2868	A5286804	CTA27458	O	FS	03/30/2005
A05-2868	A5286801	CTA27459	O	FS	03/30/2005
A05-2868	A5286802	CTA27459	O	FS	03/30/2005
A05-2868	A5286805	CTA27459	O	FS	03/30/2005
A05-2868	A5286806	CTA27459	O	FS	03/30/2005
A05-2868	A5286807	CTA27459	O	FS	03/30/2005
A5B04290	A5B0429001	CTA05275	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA05275	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA05325	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA05325	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA05487	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA05487	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA09627	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA09627	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA14297	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA14297	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA14519	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA14519	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA17266	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA17266	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA17282	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA17282	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA22598	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA22598	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA22808	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA22808	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA24914	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA24914	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA27257	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA27257	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA27458	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA27458	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA27459	O	LCS	03/30/2005
A5B04290	A5B0429002	CTA27459	O	MBLK	03/30/2005
A5B04290	A5B0429001	CTA27503	O	LCS	03/30/2005

A5B04290 A5B0429002 CTA27503 O MBLK 03/30/2005

****

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-2821	WC	No comments	
A05-2823	WC	No comments	
A05-2824	WC	No comments	
A05-2825	WC	No comments	
A05-2827	WC	Not approved	*
A05-2828	WC	Not approved	*
A05-2829	WC	Not approved	*
A05-2830	WC	No comments	
A05-2831	WC	No comments	
A05-2833	WC	No comments	
A05-2835	WC	Not approved	*
A05-2838	WC	No comments	
A05-2848	WC	No comments	
A05-2850	WC	No comments	
A05-2862	WC	No comments	
A05-2868	WC	No comments	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

****

Matrix Spike Results Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	QClow	QChigh	Pname
A05-2829	A5282908	CTA22598	59.0	77.0	123.0	Nitrate-Nitrite

****

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C
A05-2829	A5282903	CTA17266	03/29/2005		WC	
A05-2829	A5282903	CTA17282	03/29/2005		WC	
A05-2829	A5282903	CTA22598	03/29/2005		WC	
A5B04290	A5B0429001	CTA05275	/ /		WC	
A5B04290	A5B0429002	CTA05275	/ /		WC	
A5B04290	A5B0429001	CTA05325	/ /		WC	
A5B04290	A5B0429002	CTA05325	/ /		WC	
A5B04290	A5B0429001	CTA05487	/ /		WC	
A5B04290	A5B0429002	CTA05487	/ /		WC	
A5B04290	A5B0429001	CTA09627	/ /		WC	
A5B04290	A5B0429002	CTA09627	/ /		WC	
A5B04290	A5B0429001	CTA14297	/ /		WC	
A5B04290	A5B0429002	CTA14297	/ /		WC	
A5B04290	A5B0429001	CTA14519	/ /		WC	
A5B04290	A5B0429002	CTA14519	/ /		WC	
A5B04290	A5B0429001	CTA17266	/ /		WC	
A5B04290	A5B0429002	CTA17266	/ /		WC	
A5B04290	A5B0429001	CTA17282	/ /		WC	
A5B04290	A5B0429002	CTA17282	/ /		WC	

A5B04290	A5B0429001	CTA22598	/ /		WC
A5B04290	A5B0429002	CTA22598	/ /		WC
A5B04290	A5B0429001	CTA22808	/ /		WC
A5B04290	A5B0429002	CTA22808	/ /		WC
A5B04290	A5B0429001	CTA24914	/ /		WC
A5B04290	A5B0429002	CTA24914	/ /		WC
A5B04290	A5B0429001	CTA27257	/ /		WC
A5B04290	A5B0429002	CTA27257	/ /		WC
A5B04290	A5B0429001	CTA27458	/ /		WC
A5B04290	A5B0429002	CTA27458	/ /		WC
A5B04290	A5B0429001	CTA27459	/ /		WC
A5B04290	A5B0429002	CTA27459	/ /		WC
A5B04290	A5B0429001	CTA27503	/ /		WC
A5B04290	A5B0429002	CTA27503	/ /		WC

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****

Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction	C
A5B04290	A5B0429001	CTA05275	/ /			WC
A5B04290	A5B0429002	CTA05275	/ /			WC
A5B04290	A5B0429001	CTA05325	/ /			WC
A5B04290	A5B0429002	CTA05325	/ /			WC
A5B04290	A5B0429001	CTA05487	/ /			WC
A5B04290	A5B0429002	CTA05487	/ /			WC
A5B04290	A5B0429001	CTA09627	/ /			WC
A5B04290	A5B0429002	CTA09627	/ /			WC
A5B04290	A5B0429001	CTA14297	/ /			WC
A5B04290	A5B0429002	CTA14297	/ /			WC
A5B04290	A5B0429001	CTA14519	/ /			WC
A5B04290	A5B0429002	CTA14519	/ /			WC
A5B04290	A5B0429001	CTA17266	/ /			WC
A5B04290	A5B0429002	CTA17266	/ /			WC
A5B04290	A5B0429001	CTA17282	/ /			WC
A5B04290	A5B0429002	CTA17282	/ /			WC
A5B04290	A5B0429001	CTA22598	/ /			WC
A5B04290	A5B0429002	CTA22598	/ /			WC
A5B04290	A5B0429001	CTA22808	/ /			WC
A5B04290	A5B0429002	CTA22808	/ /			WC
A5B04290	A5B0429001	CTA24914	/ /			WC
A5B04290	A5B0429002	CTA24914	/ /			WC
A5B04290	A5B0429001	CTA27257	/ /			WC
A5B04290	A5B0429002	CTA27257	/ /			WC
A5B04290	A5B0429001	CTA27458	/ /			WC
A5B04290	A5B0429002	CTA27458	/ /			WC
A5B04290	A5B0429001	CTA27459	/ /			WC
A5B04290	A5B0429002	CTA27459	/ /			WC
A5B04290	A5B0429001	CTA27503	/ /			WC
A5B04290	A5B0429002	CTA27503	/ /			WC

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

Batch	Type	Status	Analyst	Start Date	End Date

A5B04290 WC O KW 03/30/2005 03/30/2005

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

	Current				Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5282102	CTA14519	NITRATE	MG/L-N	2.0	6.3/3.3 confirmed
A5282103	CTA14519	NITRATE	MG/L-N	2.2	6.0/3.3 confirmed
A5282104	CTA14519	NITRATE	MG/L-N	2.2	5.8/3.3 confirmed
A5282302	CTA14297	NITRATE	MG/L-N	0.28	0.050U/0.050U/0.050U confirmed
A5282308	CTA14297	NITRATE	MG/L-N	0.050U	0.15/0.11/0.16 confirmed
A5282317	CTA14297	NITRATE	MG/L-N	1.8	1.0/0.94/1.1 confirmed
A5282318	CTA14297	NITRATE	MG/L-N	0.51	0.050U confirmed
A5282401	CTA27257	NITRATE	MG/L-N	0.050U	Not Found OK
A5282501	CTA27257	NITRATE	MG/L-N	0.050U	Not Found
A5282701	CTA22598	ANO3/NO2	MG/L-N	0.20	0.10U/0.26 confirmed
A5282701	CTA17266	NITRATE	MG/L-N	0.20	0.10U/0.26
A5282801	CTA22598	ANO3/NO2	MG/L-N	0.14	0.10U/0.10U confirmed
A5282801	CTA17266	NITRATE	MG/L-N	0.14	0.10U/0.10U
A5282802	CTA22598	ANO3/NO2	MG/L-N	0.32	0.10U/0.10U/0.10U/0.47
A5282802	CTA17266	NITRATE	MG/L-N	0.32	0.10U/0.10U/0.10U/0.47 OK
A5282905	CTA22598	ANO3/NO2	MG/L-N	4.3	0.10U/0.41 confirmed
A5282905	CTA17266	NITRATE	MG/L-N	4.3	0.10U/0.41
A5283008	CTA05275	NITRATE	MG/L-N	0.18	6.4/0.39/0.41/0.96/0.050U 0.085/0.050U/0.050U/0.053 OK 0.050U/0.050U/0.050U/0.050U 0.092/0.050U/0.050U
A5283009	CTA05275	NITRATE	MG/L-N	0.11	0.23/0.050U/0.36/0.050U/0.46 0.050U/0.26/0.16/0.44/0.050U OK 0.39/0.050U/0.050U/0.050U 0.050U
A5283011	CTA05275	NITRATE	MG/L-N	2.6	1.4/0.54/0.42/1.5/1.4/1.2 0.17/0.050U/4.7/0.050U/0.16 OK 0.41/0.050U/0.050U/0.050U 0.050U
A5283101	CTA09627	NITRATE	MG/L-N	0.40	Not Found OK
A5283102	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283103	CTA09627	NITRATE	MG/L-N	0.29	Not Found
A5283104	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283105	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283106	CTA09627	NITRATE	MG/L-N	0.24	Not Found
A5283107	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283108	CTA09627	NITRATE	MG/L-N	0.55	Not Found
A5283109	CTA09627	NITRATE	MG/L-N	1.4	Not Found
A5283110	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283111	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283115	CTA09627	NITRATE	MG/L-N	0.036U	Not Found
A5283116	CTA09627	NITRATE	MG/L-N	1.0	Not Found
A5283302	CTA14297	NITRATE	MG/L-N	0.050U	0.15/0.25/0.28 confirmed
A5283303	CTA14297	NITRATE	MG/L-N	0.52	0.050U/0.050U/0.050U Leachate
A5283304	CTA14297	NITRATE	MG/L-N	0.050U	0.19/0.31/0.29 Leachate

A5284801	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284802	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284803	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284804	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284805	CTA27503	NITRATE	MG/L-N	0.97	Not Found
A5284806	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284807	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284808	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284809	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284810	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5284811	CTA27503	NITRATE	MG/L-N	0.14	Not Found
A5284812	CTA27503	NITRATE	MG/L-N	0.31	Not Found
A5284813	CTA27503	NITRATE	MG/L-N	0.050U	Not Found
A5286801	CTA27459	ANO3/NO2	MG/L-N	0.15	Not Found
A5286802	CTA27459	ANO3/NO2	MG/L-N	1.2	Not Found
A5286803	CTA27458	ANO3/NO2	MG/L-N	0.32	Not Found
A5286804	CTA27458	ANO3/NO2	MG/L-N	1.1	Not Found
A5286805	CTA27459	ANO3/NO2	MG/L-N	0.50	Not Found
A5286806	CTA27459	ANO3/NO2	MG/L-N	3.9	Not Found
A5286807	CTA27459	ANO3/NO2	MG/L-N	0.33	Not Found

****

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
032905ME	A5283113
TF3CE313MA	A5283101
TF3M11613MA	A5283102
TF3M11613MC	A5283102FD
TF3M11613MD	A5283102SD
TF3M11613MS	A5283102MS
TF3M11713MA	A5283103
TF3M119R13MA	A5283115
TF3M12313MA	A5283104
TF3M12613MA	A5283105
TF3M12713MA	A5283106
TF3M12814MA	A5283107
TF3M13114MA	A5283108
TF3M13217MA	A5283109
TF3M13316MA	A5283110
TF3M2114MA	A5283111

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract,both technically and for completeness,for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3CE313MA Lab Sample ID: A5283101 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	230	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MA Lab Sample ID: A5283102 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	201	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MC Lab Sample ID: A5283102FD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	184	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MS Lab Sample ID: A5283102MS Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	217	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11613MD Lab Sample ID: A5283102SD Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	214	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M11713MA Lab Sample ID: A5283103 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	237	5.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12313MA Lab Sample ID: A5283104 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	188	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12613MA Lab Sample ID: A5283105 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	243	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12713MA Lab Sample ID: A5283106 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	298	5.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M12814MA Lab Sample ID: A5283107 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	402	5.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13114MA Lab Sample ID: A5283108 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	222	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13217MA Lab Sample ID: A5283109 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	237	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M13316MA Lab Sample ID: A5283110 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	13.3	25.0	272	5.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M2114MA Lab Sample ID: A5283111 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	166	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 032905ME Lab Sample ID: A5283113 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	6.7	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M119R13MA Lab Sample ID: A5283115 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 1-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	163	1.00	B

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A5B0443002 Concentration Units: MG/L

Analyte	Method Blank	RL	Q
ALKALINITY, TOTAL (AS CACO3)	8.4	5.0	*

Comments:
See Case Narrative

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 310.2-A98 AAB #: A5B04430

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0443001 Concentration Units: MG/L

Analyte	Expected	Found	%R	Control Limits	Q
ALKALINITY, TOTAL (AS CACO3)	100.0	103.0	94	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 7
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: 310.2-A98 AAB#: A5B04430

Lab Name: STL Buffalo Contract #: _____

Parent Field Sample ID: TF3M11613MA Units: MG/L % Solids: 0.00

MS ID: A5283102MS MSD ID: A5283102SD

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spike Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
ALKALINITY, TOTAL (AS CACO3)	201.4	20.00	217.1	78	214.1	63	21	22 - 128	20	*

Comments:

See Case Narrative

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 310.2-A98 AAB#: A5B04430

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
032905ME	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3CE313MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M11613MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M11613MC	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M11613MD	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M11613MS	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M11713MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M119R13MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M12313MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M12613MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M12713MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M12814MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M13114MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M13217MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M13316MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	
TF3M2114MA	29-Mar-2005	30-Mar-2005	1-Apr-2005	14.00	3.00	

Comments:

Calibration results AquaKem 6.0.7 Page: 1

STL Buffalo
Konelab 2
Analyst:

01.04.2005 11:06

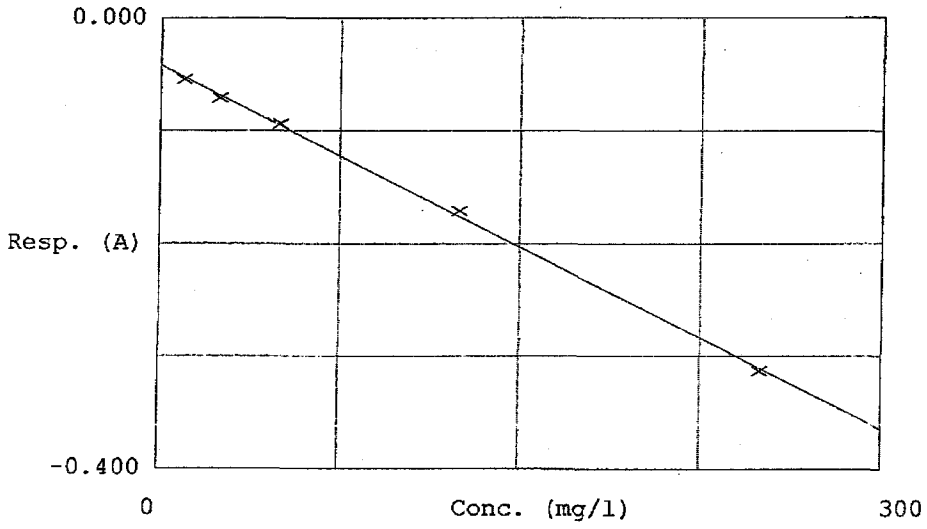
Test Alkalinity

Accepted 11.03.2005 12:05

Factor -930
Bias -0.042

Coeff. of det. 0.999014

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	ALK 250	-0.054	11.7872	10.0000	
2	ALK 250	-0.071	27.0877	25.0000	
3	ALK 250	-0.094	48.4966	50.0000	
4	ALK 250	-0.171	120.2162	125.0000	
5	ALK 250	-0.313	252.4123	250.0000	

Solutions Used: Konelab AQUA20 & 20XT

✓

Alkalinity	Chloride	Sulfate
7-66-E	7-76-A	7-40-E
7-66-D	7-74-E	7-38-A
A-76-H	7-76-D	7-40-D
7-41-B	7-74-D	7-72-C
7-41-A	7-73-C	ERA P111506
7-70-C	7-73-D	
7-32-C	7-73-E	
7-76-C	ERA P111506	
ERA P111506		
7-76-E		

DATE UPDATED 03/30/2005 MG

STL Buffalo

pH Screening for Alkalinity Method 310.2

000084

Logbook # A04-11-10

DATE	ANALYST	JOB #	SAMPLE ID	pH	COMMENTS
4/1/5	mC	2547	05	6.5	
		〃	06	〃	
		2907	01	6.5	
		2892	01	6.5	
		〃	02	〃	
		2893	01	6.5	
			02		
			03		
			04		
			05		
			06		
	mC				
	4/1/5				

REVIEWD BY/ DATE _____ pH Narrow range Paper Lot # _____

Result Report | Konelab 6.0.7 | Page: 1

STL Buffalo
Konelab 2

Date : 2005-04-01
Time : 15.39

BATCH A5B0443O
ERA RANGE 46.8-55.4
ACTUAL 51.9

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
ALK CCV	103.008	-0.153	0.509		2005-04-01 14.21	103%
ALK CCB	8.443	-0.051	0.512		2005-04-01 14.21	<10
282306	148.649	-0.202	0.513		2005-04-01 14.21	
282307	105.107	-0.155	0.513		2005-04-01 14.21	
282310	125.075	-0.176	0.520		2005-04-01 14.21	
282312	100.916	-0.150	0.521		2005-04-01 14.21	
282314	218.261	-0.276	0.516		2005-04-01 14.21	
282315	99.979	-0.149	0.516		2005-04-01 14.21	
282316	233.967	-0.293	0.515		2005-04-01 14.21	
282317	168.902	-0.223	0.512		2005-04-01 14.21	
ALK CCV	101.298	-0.151	0.507		2005-04-01 14.22	101%
ALK CCB	7.535	-0.050	0.512		2005-04-01 14.22	<10
282301 DUP	6.928	-0.049	0.513		2005-04-01 14.22	0% RPD
20ppm 282301 AMS	25.811	-0.070	0.515		2005-04-01 14.22	104% SPK
282701	9.481	-0.052	0.515		2005-04-01 14.22	
282801	50.857	-0.096	0.514		2005-04-01 14.22	
282802	11.717	-0.054	0.515		2005-04-01 14.22	
282803	51.774	-0.097	0.515		2005-04-01 14.22	
283101	230.047	-0.289	0.519		2005-04-01 14.22	
283102	201.481	-0.258	0.517		2005-04-01 14.22	
ALK CCV	101.451	-0.151	0.508		2005-04-01 14.27	101%
ALK CCB	-6.875	-0.034	0.511		2005-04-01 14.27	<10
283102 FD	184.086	-0.240	0.514		2005-04-01 14.27	
20ppm 1 283102 AMS	217.156	-0.275	0.511		2005-04-01 14.27	78% SPK
283102 ASD	214.176	-0.272	0.513		2005-04-01 14.27	63% SPK
283104	188.017	-0.244	0.514		2005-04-01 14.27	
283105	243.154	-0.303	0.515		2005-04-01 14.27	
283108	222.106	-0.281	0.512		2005-04-01 14.27	
283109	237.309	-0.297	0.509		2005-04-01 14.27	
ALK CCV	101.428	-0.151	0.506		2005-04-01 14.27	101%
ALK CCB	6.534	-0.049	0.508		2005-04-01 14.27	<10
282318	134.925	-0.187	0.515		2005-04-01 14.28	
ALK CCV	101.495	-0.151	0.505		2005-04-01 14.28	101%
ALK CCB	6.041	-0.048	0.505		2005-04-01 14.28	<10
254705 85.6298	428.149	-0.134	0.508	1+4.0	2005-04-01 14.33	
254706 53.2272	266.136	-0.099	0.511	1+4.0	2005-04-01 14.33	
282303 63.1942	315.971	-0.110	0.512	1+4.0	2005-04-01 14.33	
282304 90.0412	450.206	-0.139	0.512	1+4.0	2005-04-01 14.33	
282305 87.6392	438.196	-0.136	0.508	1+4.0	2005-04-01 14.33	
282311 80.8714	404.357	-0.129	0.506	1+4.0	2005-04-01 14.34	
282313 46.3046	231.523	-0.092	0.505	1+4.0	2005-04-01 14.34	
ALK CCV	103.575	-0.153	0.508		2005-04-01 14.34	104%
ALK CCB	7.800	-0.050	0.507		2005-04-01 14.34	<10
283111	166.534	-0.221	0.507		2005-04-01 14.39	
283113	6.701	-0.049	0.508		2005-04-01 14.40	
283115	163.251	-0.217	0.508		2005-04-01 14.40	
283301	8.244	-0.051	0.511		2005-04-01 14.40	
283303	116.153	-0.167	0.514		2005-04-01 14.40	
283304	-322.521	0.305	0.514		2005-04-01 14.40	Deleted
ERA P111506	49.476	-0.095	0.504		2005-04-01 14.40	95% EPA
288601	17.551	-0.061	0.510		2005-04-01 14.41	
288603	80.958	-0.129	0.514		2005-04-01 14.41	

Result Report Konelab 6.0.7 Page: 2

STL Buffalo
Konelab 2

Date : 2005-04-01
Time : 15.39

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
288604	14.257	-0.057	0.514		2005-04-01 14.41	
ALK CCV	97.586	-0.147	0.506		2005-04-01 14.41	98%
ALK CCB	6.445	-0.049	0.509		2005-04-01 14.41	<10
288605	22.635	-0.066	0.513		2005-04-01 14.41	
288603 FD	78.642	-0.126	0.509		2005-04-01 14.46	2.9%RPD
288608	12.164	-0.055	0.512		2005-04-01 14.46	
288609	32.701	-0.077	0.512		2005-04-01 14.46	
288610	77.874	-0.126	0.514		2005-04-01 14.46	
288611	62.770	-0.109	0.516		2005-04-01 14.46	
288612	25.445	-0.069	0.514		2005-04-01 14.46	
288613	90.349	-0.139	0.514		2005-04-01 14.46	
ALK CCV	99.674	-0.149	0.506		2005-04-01 14.46	100%
ALK CCB	5.872	-0.048	0.507		2005-04-01 14.46	<10
288614	50.363	-0.096	0.510		2005-04-01 14.46	
282301	4.603	-0.047	0.514		2005-04-01 14.47	
282302	89.186	-0.138	0.513		2005-04-01 14.47	
282308	106.247	-0.156	0.515		2005-04-01 14.47	
282309	158.416	-0.212	0.513		2005-04-01 14.47	
288615	9.829	-0.052	0.511		2005-04-01 14.47	
288616	11.469	-0.054	0.511		2005-04-01 14.47	
ALK CCV	98.789	-0.148	0.504		2005-04-01 14.47	99%
ALK CCB	5.744	-0.048	0.506		2005-04-01 14.47	<10
288617	14.298	-0.057	0.509		2005-04-01 14.48	
288618	6.851	-0.049	0.510		2005-04-01 14.48	
288618 DUP	6.392	-0.049	0.511		2005-04-01 14.48	0% RPD
288618 AMS	24.475	-0.068	0.512		2005-04-01 14.48	90%SPK
288619	21.096	-0.064	0.515		2005-04-01 14.48	
288701	193.261	-0.250	0.515		2005-04-01 14.48	
288702	8.640	-0.051	0.515		2005-04-01 14.48	
288801	12.090	-0.055	0.514		2005-04-01 14.48	
ALK CCV	100.889	-0.150	0.504		2005-04-01 14.48	101%
ALK CCB	5.795	-0.048	0.503		2005-04-01 14.48	<10
288802	36.620	-0.081	0.504		2005-04-01 14.52	
ALK CCV	102.769	-0.152	0.505		2005-04-01 14.53	103%
ALK CCB	8.043	-0.050	0.506		2005-04-01 14.53	<10
283103 47.4974	237.487	-0.093	0.502	1+4.0	2005-04-01 14.56	
283106 59.645	298.255	-0.106	0.510	1+4.0	2005-04-01 14.58	
283107 80.3524	401.762	-0.128	0.510	1+4.0	2005-04-01 14.58	
283110 54.3834	271.916	-0.100	0.511	1+4.0	2005-04-01 14.58	
283302 130.155	650.775	-0.182	0.513	1+4.0	2005-04-01 14.58	
291101 65.339	326.695	-0.112	0.509	1+4.0	2005-04-01 14.58	
291102 61.998	309.990	-0.108	0.507	1+4.0	2005-04-01 14.59	
291103 66.179	330.895	-0.113	0.512	1+4.0	2005-04-01 14.59	
291201 58.2814	291.407	-0.104	0.510	1+4.0	2005-04-01 14.59	
ALK CCV	98.980	-0.148	0.499		2005-04-01 15.09	99%
ALK CCB	4.036	-0.046	0.500		2005-04-01 15.09	<10
288401 52.0536	260.268	-0.098	0.501	1+4.0	2005-04-01 15.10	
288402 55.4814	277.407	-0.101	0.505	1+4.0	2005-04-01 15.10	
288602 79.464	397.320	-0.127	0.505	1+4.0	2005-04-01 15.10	
288606 55.2032	276.016	-0.101	0.504	1+4.0	2005-04-01 15.10	
288607 59.4704	297.352	-0.106	0.504	1+4.0	2005-04-01 15.10	
283501 64.2477	3212.383	-0.111	0.497	1+49.0	2005-04-01 15.11	

30 ppm

Result Report | Konelab | 6.0.7 | Page: 3

STL Buffalo
Konelab 2

Date : 2005-04-01
Time : 15.39

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time	
ALK CCV	98.784	-0.148	0.502		2005-04-01 15.11	99%
ALK CCB	4.437	-0.047	0.501		2005-04-01 15.11	<10
288901 87.1749	1743.497	-0.136	0.498	1+19.0	2005-04-01 15.37	
ALK CCV	99.931	-0.149	0.501		2005-04-01 15.38	100%
ALK CCB	5.900	-0.048	0.501		2005-04-01 15.38	~10

Result Report | Konelab 6.0.5 | Page: 1

STL Buffalo
Konelab 1

Date : 2005-03-30
Time : 12.58

COPY

BATCH A5B0426.5
ERA RANGE 46.8-55.4
ACTUAL 51.8

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCV	104.987	-0.160	0.566		2005-03-30 11.02 105%
Alk CCB	3.821	-0.049	0.563		2005-03-30 11.02 <10
ERA P111506	46.946	-0.097	0.559		2005-03-30 11.02 91% EPA
252702	11.766	-0.058	0.561		2005-03-30 11.02
Alk CCV	102.875	-0.158	0.553		2005-03-30 11.03 103%
Alk CCB	3.903	-0.049	0.550		2005-03-30 11.03 <10
274602	0.824	-0.046	0.549		2005-03-30 11.03
278601	168.086	-0.229	0.560		2005-03-30 11.14
278603	174.422	-0.236	0.560		2005-03-30 11.14
278604	166.765	-0.228	0.560		2005-03-30 11.14
280201	20.310	-0.067	0.558		2005-03-30 11.14
280202	15.939	-0.063	0.562		2005-03-30 11.14
280203	32.863	-0.081	0.564		2005-03-30 11.14
280204	15.210	-0.062	0.563		2005-03-30 11.14
280205	12.305	-0.059	0.562		2005-03-30 11.14
280206	-1.056	-0.044	0.560		2005-03-30 11.14
Alk CCV	103.489	-0.158	0.556		2005-03-30 11.14 103%
Alk CCB	1.550	-0.047	0.559		2005-03-30 11.14 <10
279301	7.300	-0.053	0.557		2005-03-30 11.29
279302	31.530	-0.080	0.558		2005-03-30 11.29
279303	6.871	-0.053	0.555		2005-03-30 11.29
Alk CCV	103.661	-0.159	0.553		2005-03-30 11.29 104%
Alk CCB	3.688	-0.049	0.557		2005-03-30 11.29 <10
254601 100.6852	503.411	-0.155	0.555	1+4.0	2005-03-30 11.32
254601 FD 99.2542	496.271	-0.154	0.558	1+4.0	2005-03-30 11.32
254706 46.6596	233.448	-0.096	0.559	1+4.0	2005-03-30 11.32
278602 63.6574	318.287	-0.115	0.552	1+4.0	2005-03-30 11.34
274601 146.6048	1466.048	-0.206	0.548	1+9.0	2005-03-30 11.59
274601 MD 151.7929	1517.929	-0.211	0.554	1+9.0	2005-03-30 11.59 3.5% RPD
274601 MS 149.0446	1490.446	-0.208	0.554	1+9.0	2005-03-30 11.59 122% SPK
254705	410.918	-0.135	0.547	1+4.0	2005-03-30 12.34
Alk CCV	106.247	-0.162	0.553		2005-03-30 12.57 106%
Alk CCB	3.447	-0.049	0.552		2005-03-30 12.57 <10

Result Report | Konelab | 6.0.7 | Page: 1

STL Buffalo
Konelab 2

Date : 2005-04-01
Time : 15.41

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
ALK CCB		0.000	0.000		-
ALK CCV		0.000	0.000		-
ALK CCB		0.000	0.000		-
ALK CCV		0.000	0.000		-
ALK CCB		0.000	0.000		-
ALK CCV		0.000	0.000		-
ALK CCV		0.000	0.000		-
ALK CCB		0.000	0.000		-
ALK CCV		-0.155	0.513		-
ALK CCB		-0.053	0.515		-
254705		-0.421	0.514		-
254706		-0.312	0.515		-
283501		-0.380	0.517		-
282301		-0.057	0.518		-
282302		-0.146	0.519		-
282303		-0.375	0.518		-
282304		-0.422	0.518		-
282305		-0.422	0.518		-
282308		-0.171	0.514		-
282309		-0.224	0.513		-
ALK CCV	103.008	-0.153	0.509		2005-04-01 14.21
ALK CCB	8.443	-0.051	0.512		2005-04-01 14.21
282306	148.649	-0.202	0.513		2005-04-01 14.21
282307	105.107	-0.155	0.513		2005-04-01 14.21
282310	125.075	-0.176	0.520		2005-04-01 14.21
282311		-0.376	0.519		-
282312	100.916	-0.150	0.521		2005-04-01 14.21
282313		-0.354	0.516		-
282314	218.261	-0.276	0.516		2005-04-01 14.21
282315	99.979	-0.149	0.516		2005-04-01 14.21
282316	233.967	-0.293	0.515		2005-04-01 14.21
282317	168.902	-0.223	0.512		2005-04-01 14.21
ALK CCV	101.298	-0.151	0.507		2005-04-01 14.22
ALK CCB	7.535	-0.050	0.512		2005-04-01 14.22
282301 DUP	6.928	-0.049	0.513		2005-04-01 14.22
282301 AMS	25.811	-0.070	0.515		2005-04-01 14.22
282701	9.481	-0.052	0.515		2005-04-01 14.22
282801	50.857	-0.096	0.514		2005-04-01 14.22
282802	11.717	-0.054	0.515		2005-04-01 14.22
282803	51.774	-0.097	0.515		2005-04-01 14.22
283101	230.047	-0.289	0.519		2005-04-01 14.22
283102	201.481	-0.258	0.517		2005-04-01 14.22
ALK CCV	101.451	-0.151	0.508		2005-04-01 14.27
ALK CCB	-6.875	-0.034	0.511		2005-04-01 14.27
283102 FD	184.086	-0.240	0.514		2005-04-01 14.27
283102 AMS	217.156	-0.275	0.511		2005-04-01 14.27
283102 ASD	214.176	-0.272	0.513		2005-04-01 14.27
283103		-0.312	0.514		-
283104	188.017	-0.244	0.514		2005-04-01 14.27
283105	243.154	-0.303	0.515		2005-04-01 14.27
283106		-0.354	0.514		-
283107		-0.402	0.514		-

Result Report Konelab 6.0.7 Page: 2

STL Buffalo
Konelab 2

Date : 2005-04-01
Time : 15.41

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
283108	222.106	-0.281	0.512		2005-04-01 14.27
283109	237.309	-0.297	0.509		2005-04-01 14.27
ALK CCV	101.428	-0.151	0.506		2005-04-01 14.27
ALK CCB	6.534	-0.049	0.508		2005-04-01 14.27
282318	134.925	-0.187	0.515		2005-04-01 14.28
283110		-0.312	0.507		-
ALK CCV	101.495	-0.151	0.505		2005-04-01 14.28
ALK CCB	6.041	-0.048	0.505		2005-04-01 14.28
254705	428.149	-0.134	0.508	1+4.0	2005-04-01 14.33
254706	266.136	-0.099	0.511	1+4.0	2005-04-01 14.33
283501		-0.426	0.512	1+4.0	-
282303	315.971	-0.110	0.512	1+4.0	2005-04-01 14.33
282304	450.206	-0.139	0.512	1+4.0	2005-04-01 14.33
282305	438.196	-0.136	0.508	1+4.0	2005-04-01 14.33
282311	404.357	-0.129	0.506	1+4.0	2005-04-01 14.34
282313	231.523	-0.092	0.505	1+4.0	2005-04-01 14.34
ALK CCV	103.575	-0.153	0.508		2005-04-01 14.34
ALK CCB	7.800	-0.050	0.507		2005-04-01 14.34
283111	166.534	-0.221	0.507		2005-04-01 14.39
283113	6.701	-0.049	0.508		2005-04-01 14.40
283115	163.251	-0.217	0.508		2005-04-01 14.40
283301	8.244	-0.051	0.511		2005-04-01 14.40
283302		-0.373	0.512		-
283303	116.153	-0.167	0.514		2005-04-01 14.40
283304	-322.521	0.305	0.514		2005-04-01 14.40
291101		-0.373	0.513		-
291102		-0.379	0.514		-
291103		-0.379	0.514		-
291201		-0.335	0.510		-
ERA P111506	49.476	-0.095	0.504		2005-04-01 14.40
288401		-0.339	0.506		-
288402		-0.339	0.506		-
288601	17.551	-0.061	0.510		2005-04-01 14.41
288602		-0.400	0.511		-
288603	80.958	-0.129	0.514		2005-04-01 14.41
288604	14.257	-0.057	0.514		2005-04-01 14.41
ALK CCV	97.586	-0.147	0.506		2005-04-01 14.41
ALK CCB	6.445	-0.049	0.509		2005-04-01 14.41
288605	22.635	-0.066	0.513		2005-04-01 14.41
288606		-0.347	0.511		-
288607		-0.357	0.510		-
288603 FD	78.642	-0.126	0.509		2005-04-01 14.46
288608	12.164	-0.055	0.512		2005-04-01 14.46
288609	32.701	-0.077	0.512		2005-04-01 14.46
288610	77.874	-0.126	0.514		2005-04-01 14.46
288611	62.770	-0.109	0.516		2005-04-01 14.46
288612	25.445	-0.069	0.514		2005-04-01 14.46
288613	90.349	-0.139	0.514		2005-04-01 14.46
ALK CCV	99.674	-0.149	0.506		2005-04-01 14.46
ALK CCB	5.872	-0.048	0.507		2005-04-01 14.46
288614	50.363	-0.096	0.510		2005-04-01 14.46
282301	4.603	-0.047	0.514		2005-04-01 14.47

Result Report Konelab 6.0.7 Page: 3

STL Buffalo
Konelab 2

Date : 2005-04-01
Time : 15.41

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
282302	89.186	-0.138	0.513		2005-04-01 14.47
282308	106.247	-0.156	0.515		2005-04-01 14.47
282309	158.416	-0.212	0.513		2005-04-01 14.47
288615	9.829	-0.052	0.511		2005-04-01 14.47
288616	11.469	-0.054	0.511		2005-04-01 14.47
ALK CCV	98.789	-0.148	0.504		2005-04-01 14.47
ALK CCB	5.744	-0.048	0.506		2005-04-01 14.47
288617	14.298	-0.057	0.509		2005-04-01 14.48
288618	6.851	-0.049	0.510		2005-04-01 14.48
288618 DUP	6.392	-0.049	0.511		2005-04-01 14.48
288618 AMS	24.475	-0.068	0.512		2005-04-01 14.48
288619	21.096	-0.064	0.515		2005-04-01 14.48
288701	193.261	-0.250	0.515		2005-04-01 14.48
288702	8.640	-0.051	0.515		2005-04-01 14.48
288801	12.090	-0.055	0.514		2005-04-01 14.48
ALK CCV	100.889	-0.150	0.504		2005-04-01 14.48
ALK CCB	5.795	-0.048	0.503		2005-04-01 14.48
288802	36.620	-0.081	0.504		2005-04-01 14.52
288901		-0.436	0.502		-
ALK CCV	102.769	-0.152	0.505		2005-04-01 14.53
ALK CCB	8.043	-0.050	0.506		2005-04-01 14.53
283103	237.487	-0.093	0.502	1+4.0	2005-04-01 14.56
283501		-0.376	0.507	1+9.0	-
283106	298.255	-0.106	0.510	1+4.0	2005-04-01 14.58
283107	401.762	-0.128	0.510	1+4.0	2005-04-01 14.58
283110	271.916	-0.100	0.511	1+4.0	2005-04-01 14.58
283302	650.775	-0.182	0.513	1+4.0	2005-04-01 14.58
291101	326.695	-0.112	0.509	1+4.0	2005-04-01 14.58
291102	309.990	-0.108	0.507	1+4.0	2005-04-01 14.59
291103	330.895	-0.113	0.512	1+4.0	2005-04-01 14.59
291201	291.407	-0.104	0.510	1+4.0	2005-04-01 14.59
ALK CCV	98.980	-0.148	0.499		2005-04-01 15.09
ALK CCB	4.036	-0.046	0.500		2005-04-01 15.09
288401	260.268	-0.098	0.501	1+4.0	2005-04-01 15.10
288402	277.407	-0.101	0.505	1+4.0	2005-04-01 15.10
288602	397.320	-0.127	0.505	1+4.0	2005-04-01 15.10
288606	276.016	-0.101	0.504	1+4.0	2005-04-01 15.10
288607	297.352	-0.106	0.504	1+4.0	2005-04-01 15.10
288901		-0.383	0.502	1+4.0	-
283501	3212.383	-0.111	0.497	1+49.0	2005-04-01 15.11
ALK CCV	98.784	-0.148	0.502		2005-04-01 15.11
ALK CCB	4.437	-0.047	0.501		2005-04-01 15.11
ALK CCB		0.000	0.000		-
ALK CCV		-0.150	0.500		-
288901	1743.497	-0.136	0.498	1+19.0	2005-04-01 15.37
ALK CCV	99.931	-0.149	0.501		2005-04-01 15.38
ALK CCB	5.900	-0.048	0.501		2005-04-01 15.38

****
****

AIMS DATA VALIDATION TESTS

Run Date: 04/02/2005
by: GAYNORM

Validation Filter:
Batch: A5B04430
Fraction(s): WC

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

****
Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A05-2831	A5283101	CTA15090	0.0000	AlK
A05-2831	A5283102	CTA15090	0.0000	AlK
A05-2831	A5283102FD	CTA15090	0.0000	AlK
A05-2831	A5283102MS	CTA15090	0.0000	AlK
A05-2831	A5283102SD	CTA15090	0.0000	AlK
A05-2831	A5283103	CTA15090	0.0000	AlK
A05-2831	A5283104	CTA15090	0.0000	AlK
A05-2831	A5283105	CTA15090	0.0000	AlK
A05-2831	A5283106	CTA15090	0.0000	AlK
A05-2831	A5283107	CTA15090	0.0000	AlK
A05-2831	A5283108	CTA15090	0.0000	AlK
A05-2831	A5283109	CTA15090	0.0000	AlK
A05-2831	A5283110	CTA15090	0.0000	AlK
A05-2831	A5283111	CTA15090	0.0000	AlK
A05-2831	A5283113	CTA15090	0.0000	AlK

A05-2831	A5283115	CTA15090	0.0000	AlK
A5B04430	A5B0443001	CTA15090	0.0000	AlK
A5B04430	A5B0443002	CTA15090	0.0000	AlK
A05-2547	A5254705	CTA13446	0.0000	BALK
A05-2547	A5254706	CTA13446	0.0000	BALK
A5B04430	A5B0443001	CTA13446	0.0000	BALK
A5B04430	A5B0443002	CTA13446	0.0000	BALK
A05-2911	A5291101	CTA01793	0.0000	F-TALK
A05-2911	A5291102	CTA01793	0.0000	F-TALK
A05-2911	A5291103	CTA01793	0.0000	F-TALK
A05-2912	A5291201	CTA01793	0.0000	F-TALK
A5B04430	A5B0443001	CTA01793	0.0000	F-TALK
A5B04430	A5B0443002	CTA01793	0.0000	F-TALK
A05-2547	A5254705	CTA15747	0.0000	TALK
A05-2547	A5254706	CTA15747	0.0000	TALK
A05-2823	A5282301	CTA15747	0.0000	TALK
A05-2823	A5282301MS	CTA15747	0.0000	TALK
A05-2823	A5282302	CTA15747	0.0000	TALK
A05-2823	A5282303	CTA15747	0.0000	TALK
A05-2823	A5282304	CTA15747	0.0000	TALK
A05-2823	A5282305	CTA15747	0.0000	TALK
A05-2823	A5282306	CTA15747	0.0000	TALK
A05-2823	A5282307	CTA15747	0.0000	TALK
A05-2823	A5282308	CTA15747	0.0000	TALK
A05-2823	A5282309	CTA15747	0.0000	TALK
A05-2823	A5282310	CTA15747	0.0000	TALK
A05-2823	A5282311	CTA15747	0.0000	TALK
A05-2823	A5282312	CTA15747	0.0000	TALK
A05-2823	A5282313	CTA15747	0.0000	TALK
A05-2823	A5282314	CTA15747	0.0000	TALK
A05-2823	A5282315	CTA15747	0.0000	TALK
A05-2823	A5282316	CTA15747	0.0000	TALK
A05-2823	A5282317	CTA15747	0.0000	TALK
A05-2823	A5282318	CTA15747	0.0000	TALK
A05-2827	A5282701	CTA17261	0.0000	TALK
A05-2828	A5282801	CTA17261	0.0000	TALK
A05-2828	A5282802	CTA17261	0.0000	TALK
A05-2828	A5282803	CTA17261	0.0000	TALK
A05-2833	A5283301	CTA15747	0.0000	TALK
A05-2833	A5283302	CTA15747	0.0000	TALK
A05-2833	A5283303	CTA15747	0.0000	TALK
A05-2835	A5283501	ST000968	0.0000	TALK
A05-2884	A5288401	CTA17261	0.0000	TALK
A05-2884	A5288402	CTA17261	0.0000	TALK
A05-2886	A5288601	CTA17261	0.0000	TALK
A05-2886	A5288602	CTA17261	0.0000	TALK
A05-2886	A5288603	CTA17261	0.0000	TALK
A05-2886	A5288603FD	CTA17261	0.0000	TALK
A05-2886	A5288604	CTA17261	0.0000	TALK
A05-2886	A5288605	CTA17261	0.0000	TALK
A05-2886	A5288606	CTA17261	0.0000	TALK
A05-2886	A5288607	CTA17261	0.0000	TALK
A05-2886	A5288608	CTA17261	0.0000	TALK
A05-2886	A5288609	CTA17261	0.0000	TALK
A05-2886	A5288610	CTA17261	0.0000	TALK
A05-2886	A5288611	CTA17261	0.0000	TALK
A05-2886	A5288612	CTA17261	0.0000	TALK
A05-2886	A5288613	CTA17261	0.0000	TALK
A05-2886	A5288614	CTA17261	0.0000	TALK
A05-2886	A5288615	CTA17261	0.0000	TALK
A05-2886	A5288616	CTA17261	0.0000	TALK
A05-2886	A5288617	CTA17261	0.0000	TALK
A05-2886	A5288618	CTA17261	0.0000	TALK
A05-2886	A5288618MS	CTA17261	0.0000	TALK
A05-2886	A5288619	CTA17261	0.0000	TALK
A05-2887	A5288701	CTA17261	0.0000	TALK

A05-2887	A5288702	CTA17261	0.0000	TALK
A05-2888	A5288801	CTA17261	0.0000	TALK
A05-2888	A5288802	CTA17261	0.0000	TALK
A05-2889	A5288901	CTA17261	0.0000	TALK
A5B04430	A5B0443001	CTA15747	0.0000	TALK
A5B04430	A5B0443001	CTA17261	0.0000	TALK
A5B04430	A5B0443001	ST000968	0.0000	TALK
A5B04430	A5B0443002	CTA15747	0.0000	TALK
A5B04430	A5B0443002	CTA17261	0.0000	TALK
A5B04430	A5B0443002	ST000968	0.0000	TALK

****

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

****

Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A05-2547	A5254705	CTA13446	O	FS	04/01/2005
A05-2547	A5254706	CTA13446	O	FS	04/01/2005
A05-2547	A5254705	CTA15747	O	FS	04/01/2005
A05-2547	A5254706	CTA15747	O	FS	04/01/2005
A05-2823	A5282301	CTA15747	O	FS	04/01/2005
A05-2823	A5282301MS	CTA15747	O	MS	04/01/2005
A05-2823	A5282302	CTA15747	O	FS	04/01/2005
A05-2823	A5282303	CTA15747	O	FS	04/01/2005
A05-2823	A5282304	CTA15747	O	FS	04/01/2005
A05-2823	A5282305	CTA15747	O	FS	04/01/2005
A05-2823	A5282306	CTA15747	O	FS	04/01/2005
A05-2823	A5282307	CTA15747	O	FS	04/01/2005
A05-2823	A5282308	CTA15747	O	FS	04/01/2005
A05-2823	A5282309	CTA15747	O	FS	04/01/2005
A05-2823	A5282310	CTA15747	O	FS	04/01/2005
A05-2823	A5282311	CTA15747	O	FS	04/01/2005
A05-2823	A5282312	CTA15747	O	FS	04/01/2005
A05-2823	A5282313	CTA15747	O	FS	04/01/2005
A05-2823	A5282314	CTA15747	O	FS	04/01/2005
A05-2823	A5282315	CTA15747	O	FS	04/01/2005
A05-2823	A5282316	CTA15747	O	FS	04/01/2005
A05-2823	A5282317	CTA15747	O	FS	04/01/2005
A05-2823	A5282318	CTA15747	O	FS	04/01/2005
A05-2827	A5282701	CTA17261	O	FS	04/01/2005
A05-2828	A5282801	CTA17261	O	FS	04/01/2005
A05-2828	A5282802	CTA17261	O	FS	04/01/2005
A05-2828	A5282803	CTA17261	O	FS	04/01/2005
A05-2831	A5283101	CTA15090	O	FS	04/01/2005
A05-2831	A5283102	CTA15090	O	FS	04/01/2005
A05-2831	A5283102FD	CTA15090	O	FD	04/01/2005
A05-2831	A5283102MS	CTA15090	O	MS	04/01/2005
A05-2831	A5283102SD	CTA15090	O	SD	04/01/2005
A05-2831	A5283103	CTA15090	O	FS	04/01/2005
A05-2831	A5283104	CTA15090	O	FS	04/01/2005
A05-2831	A5283105	CTA15090	O	FS	04/01/2005
A05-2831	A5283106	CTA15090	O	FS	04/01/2005
A05-2831	A5283107	CTA15090	O	FS	04/01/2005
A05-2831	A5283108	CTA15090	O	FS	04/01/2005
A05-2831	A5283109	CTA15090	O	FS	04/01/2005
A05-2831	A5283110	CTA15090	O	FS	04/01/2005
A05-2831	A5283111	CTA15090	O	FS	04/01/2005
A05-2831	A5283113	CTA15090	O	EB	04/01/2005

A05-2831	A5283115	CTA15090	O	FS	04/01/2005
A05-2833	A5283301	CTA15747	O	FS	04/01/2005
A05-2833	A5283302	CTA15747	O	FS	04/01/2005
A05-2833	A5283303	CTA15747	O	FS	04/01/2005
A05-2835	A5283501	ST000968	O	FS	04/01/2005
A05-2884	A5288401	CTA17261	O	FS	04/01/2005
A05-2884	A5288402	CTA17261	O	FS	04/01/2005
A05-2886	A5288601	CTA17261	O	FS	04/01/2005
A05-2886	A5288602	CTA17261	O	FS	04/01/2005
A05-2886	A5288603	CTA17261	O	FS	04/01/2005
A05-2886	A5288603FD	CTA17261	O	FD	04/01/2005
A05-2886	A5288604	CTA17261	O	FS	04/01/2005
A05-2886	A5288605	CTA17261	O	FS	04/01/2005
A05-2886	A5288606	CTA17261	O	FS	04/01/2005
A05-2886	A5288607	CTA17261	O	FS	04/01/2005
A05-2886	A5288608	CTA17261	O	FS	04/01/2005
A05-2886	A5288609	CTA17261	O	FS	04/01/2005
A05-2886	A5288610	CTA17261	O	FS	04/01/2005
A05-2886	A5288611	CTA17261	O	FS	04/01/2005
A05-2886	A5288612	CTA17261	O	FS	04/01/2005
A05-2886	A5288613	CTA17261	O	FS	04/01/2005
A05-2886	A5288614	CTA17261	O	FS	04/01/2005
A05-2886	A5288615	CTA17261	O	FS	04/01/2005
A05-2886	A5288616	CTA17261	O	FS	04/01/2005
A05-2886	A5288617	CTA17261	O	FS	04/01/2005
A05-2886	A5288618	CTA17261	O	FB	04/01/2005
A05-2886	A5288618MS	CTA17261	O	MS	04/01/2005
A05-2886	A5288619	CTA17261	O	FS	04/01/2005
A05-2887	A5288701	CTA17261	O	FS	04/01/2005
A05-2887	A5288702	CTA17261	O	FS	04/01/2005
A05-2888	A5288801	CTA17261	O	FS	04/01/2005
A05-2888	A5288802	CTA17261	O	FS	04/01/2005
A05-2889	A5288901	CTA17261	O	FS	04/01/2005
A05-2911	A5291101	CTA01793	O	FS	04/01/2005
A05-2911	A5291102	CTA01793	O	FS	04/01/2005
A05-2911	A5291103	CTA01793	O	FS	04/01/2005
A05-2912	A5291201	CTA01793	O	FS	04/01/2005
A5B04430	A5B0443001	CTA01793	O	LCS	04/01/2005
A5B04430	A5B0443002	CTA01793	O	MBLK	04/01/2005
A5B04430	A5B0443001	CTA13446	O	LCS	04/01/2005
A5B04430	A5B0443002	CTA13446	O	MBLK	04/01/2005
A5B04430	A5B0443001	CTA15090	O	LCS	04/01/2005
A5B04430	A5B0443002	CTA15090	O	MBLK	04/01/2005
A5B04430	A5B0443001	CTA15747	O	LCS	04/01/2005
A5B04430	A5B0443002	CTA15747	O	MBLK	04/01/2005
A5B04430	A5B0443001	CTA17261	O	LCS	04/01/2005
A5B04430	A5B0443002	CTA17261	O	MBLK	04/01/2005
A5B04430	A5B0443001	ST000968	O	LCS	04/01/2005
A5B04430	A5B0443002	ST000968	O	MBLK	04/01/2005

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Method Blank Hits (or errors) : Exception list

Job	Lab Sample	Test	Parameter	Type	Results	Tdl	Flags
A5B04430	A5B0443002	CTA01793	Alkalinity, Fil	MBLK	8.4	5.000	J
A5B04430	A5B0443002	CTA15090	Total Alkalinit	MBLK	8.4	5.000	
A5B04430	A5B0443002	CTA17261	Total Alkalinit	MBLK	8.4	5.000	

****

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "B" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-2547	WC	Not approved	*
A05-2823	WC	Not approved	*
A05-2827	WC	Approved	
A05-2828	WC	Approved	
A05-2831	WC	No comments	
A05-2833	WC	Not approved	*
A05-2835	WC	Approved	
A05-2884	WC	No comments	
A05-2886	WC	Approved	
A05-2887	WC	Not approved	*
A05-2888	WC	Approved	
A05-2889	WC	Not approved	*
A05-2911	WC	No comments	
A05-2912	WC	No comments	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

****

Field Blank Hits : Exception list

Job	Lab Sample	Test	Parameter	Type	Results	Tdl	Flags
A05-2886	A5288618	CTA17261	Total Alkalinit	FB	6.8	5.000	

****

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

****

Matrix Spike Duplicate RPDs Exceeding QC Limits : Exception list

Job	Lab Sample	Test	MSRecov	SDRecov	%RPD	QCrpd	Pname
A05-2831	A5283102	CTA15090	78.0	63.0	21.0	20.0	Total Alkalinit

****

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

N/A could not remove this

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C
A5B04430	A5B0443001	CTA01793	/ /		WC	
A5B04430	A5B0443002	CTA01793	/ /		WC	
A5B04430	A5B0443001	CTA13446	/ /		WC	
A5B04430	A5B0443002	CTA13446	/ /		WC	
A5B04430	A5B0443001	CTA15090	/ /		WC	
A5B04430	A5B0443002	CTA15090	/ /		WC	
A5B04430	A5B0443001	CTA15747	/ /		WC	
A5B04430	A5B0443002	CTA15747	/ /		WC	
A5B04430	A5B0443001	CTA17261	/ /		WC	
A5B04430	A5B0443002	CTA17261	/ /		WC	
A5B04430	A5B0443001	ST000968	/ /		WC	
A5B04430	A5B0443002	ST000968	/ /		WC	

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Sample/Tests with No Received Time : Exception list

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction	C
A5B04430	A5B0443001	CTA01793	/ /		WC	
A5B04430	A5B0443002	CTA01793	/ /		WC	
A5B04430	A5B0443001	CTA13446	/ /		WC	
A5B04430	A5B0443002	CTA13446	/ /		WC	
A5B04430	A5B0443001	CTA15090	/ /		WC	
A5B04430	A5B0443002	CTA15090	/ /		WC	
A5B04430	A5B0443001	CTA15747	/ /		WC	
A5B04430	A5B0443002	CTA15747	/ /		WC	
A5B04430	A5B0443001	CTA17261	/ /		WC	
A5B04430	A5B0443002	CTA17261	/ /		WC	
A5B04430	A5B0443001	ST000968	/ /		WC	
A5B04430	A5B0443002	ST000968	/ /		WC	

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

N/A

Batch	Type	Status	Analyst	Start Date	End Date
A5B04430	WC	O	MG	04/01/2005	04/01/2005

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

		Current			Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5254705	CTA13446	BALK	MG/L	428	50.9/74.1 conf
A5254706	CTA13446	BALK	MG/L	266	460/606 conf
A5254706	CTA15747	TALK	MG/L	266	460/606
A5282318	CTA15747	TALK	MG/L	135	179 ok
A5282802	CTA17261	TALK	MG/L	11.7	23.8/23.0/21.8/5.0U ok
A5283101	CTA15090	ALK	MG/L	230B	Not Found
A5283102	CTA15090	ALK	MG/L	201B	Not Found
A5283103	CTA15090	ALK	MG/L	237B	Not Found
A5283104	CTA15090	ALK	MG/L	188B	Not Found
A5283105	CTA15090	ALK	MG/L	243B	Not Found
A5283106	CTA15090	ALK	MG/L	298B	Not Found
A5283107	CTA15090	ALK	MG/L	402B	Not Found
A5283108	CTA15090	ALK	MG/L	222B	Not Found
A5283109	CTA15090	ALK	MG/L	237B	Not Found
A5283110	CTA15090	ALK	MG/L	272B	Not Found
A5283111	CTA15090	ALK	MG/L	166B	Not Found
A5283115	CTA15090	ALK	MG/L	163B	Not Found ok
A5283303	CTA15747	TALK	MG/L	116	377/333/641 ok
A5288401	CTA17261	TALK	MG/L	260	3030/377 ok
A5288402	CTA17261	TALK	MG/L	277	1730/900/1900/382 ok
A5288601	CTA17261	TALK	MG/L	17.6	9.0/28.6/5.0U/5.0U ok
A5288608	CTA17261	TALK	MG/L	12.2	7.2/16.2/5.0U/5.0U ok
A5288615	CTA17261	TALK	MG/L	9.8	9.2/15.8/5.0U/5.0U ok
A5288616	CTA17261	TALK	MG/L	11.5	13.4/5.0U/7.7/5.0U ok

A5288617	CTA17261	TALK	MG/L	14.3	12.8/5.0U/5.6/5.0U CK
A5288619	CTA17261	TALK	MG/L	21.1	40.6/59.3/31.8/29.9 CK
A5288701	CTA17261	TALK	MG/L	193	34.2/73.4 CK
A5288702	CTA17261	TALK	MG/L	8.6	36.2/46.7 CK
A5288802	CTA17261	TALK	MG/L	36.6	21.7/26.1/22.9/7.3J CK

****

AFCEE
WET CHEM ANALYSES DATA PACKAGE

Analytical Method: 310.2-A98

AAB #: A5B04478

Lab Name: STL Buffalo

Contract #: _____

Base/Command: Griffiss Airforce Base

Prime Contractor: Fanning, Phillips & M

Field Sample ID	Lab Sample ID
TF3M121R12MA	A5283116

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract,both technically and for completeness,for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chris Spencer

Date: 4/29/05 Title: Operations Manager

AFCEE
WET CHEM ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 310.2-A98 AAB #: A5B04478

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: TF3M121R12MA Lab Sample ID: A5283116 Matrix: WATER

% Solids: 0.0

Date Received: 30-Mar-2005 Date Analyzed: 2-Apr-2005

Concentration Units: MG/L

Analyte	MDL	RL	Concentration	Dilution	Qualifier
ALKALINITY, TOTAL (AS CACO3)	2.7	5.0	144	1.00	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 5
BLANKS

Analytical Method: 310.2-A98 AAB #: A5B04478

Lab Name: STL Buffalo Contract #: _____

Method Blank ID: A5B0447802 Concentration Units: MG/L

Analyte	Method Blank	RL	Q
ALKALINITY, TOTAL (AS CACO3)	ND	5.0	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 6
LABORATORY CONTROL SAMPLE

Analytical Method: 310.2-A98 AAB #: A5B04478

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B0447801 Concentration Units: MG/L

Analyte	Expected	Found	%R	Control Limits	Q
ALKALINITY, TOTAL (AS CACO3)	100.0	99.63	98	90 - 110	

Comments:

AFCEE
WET CHEM ANALYSES DATA SHEET 8
HOLDING TIMES

Analytical Method: 310.2-A98 AAB#: A5B04478

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Analyzed	Max. Holding Time (days)	Time Held (days)	Q
TF3M121R12MA	29-Mar-2005	30-Mar-2005	2-Apr-2005	14.00	4.00	

Comments:

Result Report | Konelab | 6.0.5 | Page: 1

STL Buffalo
Konelab 1

Date : 2005-04-02
Time : 13.34

BATCH A5B04478
EPA RANGE: 46.8-55.4
ACTUAL : 51.9

Test: Alkalinity
Unit: mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCV	99.634	-0.154	0.557		2005-04-02 09.25 100%
Alk CCB	2.043	-0.047	0.556		2005-04-02 09.25 <10
295807	159.238	-0.220	0.561		2005-04-02 09.25
295808	243.598	-0.312	0.563		2005-04-02 09.25
294401	87.723	-0.141	0.563		2005-04-02 09.25
Alk CCV	96.303	-0.151	0.550		2005-04-02 09.26 96%
Alk CCB	1.209	-0.046	0.556		2005-04-02 09.26 <10
294403	65.972	-0.117	0.559		2005-04-02 09.33
294406	128.623	-0.186	0.561		2005-04-02 09.33
294407	138.754	-0.197	0.561		2005-04-02 09.33
294409	101.167	-0.156	0.564		2005-04-02 09.33
294412	47.068	-0.097	0.567		2005-04-02 09.33
294413	10.735	-0.057	0.565		2005-04-02 09.33
294414	1.455	-0.047	0.566		2005-04-02 09.33
Alk CCV	99.170	-0.154	0.557		2005-04-02 09.34 99%
Alk CCB	1.927	-0.047	0.556		2005-04-02 09.34 <10
294414 DUP	1.195	-0.046	0.556		2005-04-02 09.34 0%
294414 AMS	17.719	-0.065	0.554		2005-04-02 09.34 81%
Alk CCV	97.230	-0.152	0.555		2005-04-02 09.35 97%
Alk CCB	0.770	-0.046	0.550		2005-04-02 09.35 <10
295806 60.32	301.600	-0.111	0.551	1+4.0	2005-04-02 09.35
295301	91.691	-0.146	0.550		2005-04-02 09.42
295303	140.906	-0.199	0.557		2005-04-02 09.42
295304	67.486	-0.119	0.559		2005-04-02 09.42
296001	19.989	-0.067	0.562		2005-04-02 09.42
296002	32.427	-0.081	0.563		2005-04-02 09.42
296003	14.626	-0.061	0.561		2005-04-02 09.42
296004	44.958	-0.094	0.564		2005-04-02 09.42
296005	21.599	-0.069	0.562		2005-04-02 09.42
283116	143.734	-0.203	0.563		2005-04-02 09.44
Alk CCV	97.416	-0.152	0.553		2005-04-02 09.44 97%
Alk CCB	2.929	-0.048	0.557		2005-04-02 09.44 <10
295902	179.106	-0.241	0.554		2005-04-02 09.51
295903	164.779	-0.226	0.559		2005-04-02 09.51
295904	154.879	-0.215	0.559		2005-04-02 09.51
295906	240.742	-0.309	0.561		2005-04-02 09.51
295907	1.175	-0.046	0.565		2005-04-02 09.51
295201	20.747	-0.068	0.565		2005-04-02 09.51
295202	36.912	-0.086	0.567		2005-04-02 09.51
295203	48.783	-0.099	0.566		2005-04-02 09.51
295206	0.279	-0.045	0.563		2005-04-02 09.51
295206 DUP	1.829	-0.047	0.558		2005-04-02 09.52 0% RPD
Alk CCV	96.640	-0.151	0.552		2005-04-02 09.52 97%
Alk CCB	2.441	-0.048	0.557		2005-04-02 09.52 <10
295206 AMS	20.067	-0.067	0.554		2005-04-02 09.52 99%
Alk CCV	95.435	-0.150	0.551		2005-04-02 09.53 95%
Alk CCB	-0.083	-0.045	0.554		2005-04-02 09.53 <10
295809 62.261	311.305	-0.113	0.549	1+4.0	2005-04-02 09.54
295811 48.2822	241.411	-0.098	0.553	1+4.0	2005-04-02 10.01
295812 51.4934	257.467	-0.102	0.560	1+4.0	2005-04-02 10.01
294402 53.499	267.495	-0.104	0.559	1+4.0	2005-04-02 10.01
294404 57.9576	289.788	-0.109	0.561	1+4.0	2005-04-02 10.01
294405 84.4086	407.043	-0.134	0.558	1+4.0	2005-04-02 10.01

Result Report Konelab 6.0.5 Page: 2

STL Buffalo
Konelab 1

Date : 2005-04-02
Time : 13.34

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
294408 53.6682	268.341	-0.104	0.557	1+4.0	2005-04-02 10.01
294410 48.3042	241.021	-0.098	0.555	1+4.0	2005-04-02 10.04
294411 48.3324	241.612	-0.098	0.559	1+4.0	2005-04-02 10.04
283304 129.3522	646.761	-0.187	0.561	1+4.0	2005-04-02 10.04
Alk CCV	98.549	-0.153	0.553		2005-04-02 11.33 99%
Alk CCB	1.433	-0.047	0.555		2005-04-02 11.33 <10
296006	17.762	-0.065	0.552		2005-04-02 11.46
296007	3.827	-0.049	0.553		2005-04-02 11.46
295204	10.294	-0.056	0.552		2005-04-02 11.46
295302 26.3516	134.259	-0.075	0.548	1+4.0	2005-04-02 11.47
295901 49.538	247.690	-0.099	0.556	1+4.0	2005-04-02 11.47
295905 51.072	255.360	-0.101	0.552	1+4.0	2005-04-02 11.47
Alk CCV	99.050	-0.154	0.551		2005-04-02 11.48 99 %
Alk CCB	1.969	-0.047	0.550		2005-04-02 11.48 <10
Alk CCV	98.406	-0.153	0.549		2005-04-02 12.03 98%
Alk CCB	6.394	-0.052	0.555		2005-04-02 12.03 <10
295205	-0.503	-0.045	0.551		2005-04-02 12.03
Alk CCV	99.176	-0.154	0.549		2005-04-02 12.05 99 %
Alk CCB	5.535	-0.051	0.551		2005-04-02 12.05 <10
Alk CCV	99.828	-0.154	0.550		2005-04-02 13.23 100%
Alk CCB	3.985	-0.050	0.555		2005-04-02 13.23 <10
ERA P111506	47.799	-0.097	0.547		2005-04-02 13.23 97%
Alk CCV	100.297	-0.155	0.552		2005-04-02 13.33 100%
Alk CCB	2.900	-0.048	0.550		2005-04-02 13.33 <10

Calibration results Konelab 6.0.5 Page: 1

STL Buffalo
Konelab 1
Analyst:

02.04.2005 13:04

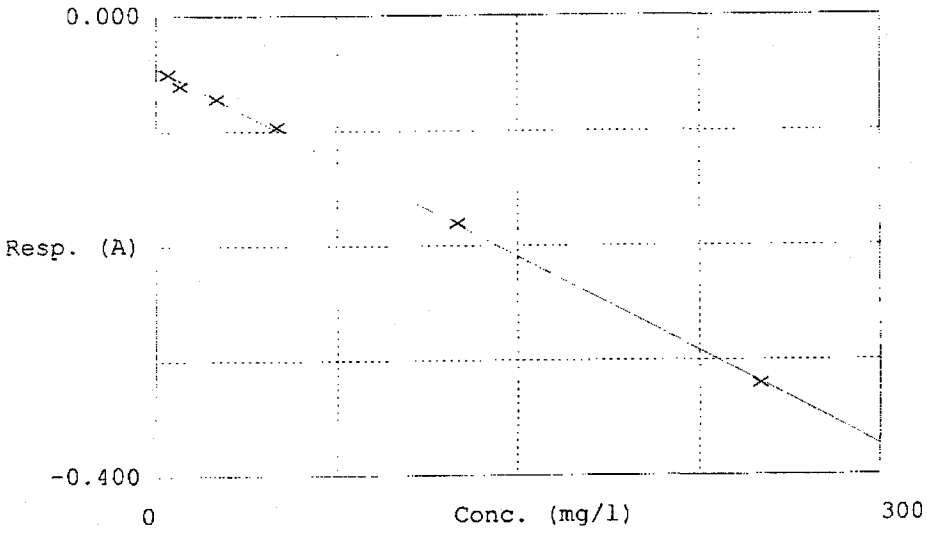
Test Alkalinity

Accepted 03.03.2005 12:42

Factor -913
Bias -0.045

Coeff. of det. 0.999292

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	ALK 250	-0.050	4.6937	5.0000	
2	ALK 250	-0.061	14.2653	10.0000	
3	ALK 250	-0.072	24.3705	25.0000	
4	ALK 250	-0.096	46.8773	50.0000	
5	ALK 250	-0.180	123.5405	125.0000	
6	ALK 250	-0.320	251.2528	250.0000	

Solutions Used: Konelab AQUA20 & 20XT

Alkalinity	Chloride	Sulfate
7-66-E	7-76-A	7-40-E
7-66-D	7-74-E	7-38-A
A-76-H	7-76-D	7-40-D
7-41-B	7-74-D	7-72-C
7-41-A	7-73-C	ERA P111506
7-70-C	7-73-D	
7-32-C	7-73-E	
7-76-C	ERA P111506	
ERA P111506		
7-76-E		

DATE UPDATED 03/30/2005 MG

STL Buffalo 000086

pH Screening for Alkalinity Method 310.2

Logbook # A04-11-10

DATE	ANALYST	JOB #	SAMPLE ID	pH	COMMENTS
4-2-5	mC	2953	01	6.5	
"	"	"	02	"	
"	"	"	03		
"	"	"	04		

Check water blank | Konelab 6.0.5 | Page: 1

STL Buffalo
Konelab 1
Analyst:

02.04.2005 12:22

Performed 02.04.2005 09:11
MAX acceptable SD 2.0 mA

Wavelength	Abs (mA)	SD (mA)	SignGain	RefGain	Voltage (V)
380 nm	-148.6	0.5	1	1	6.2
420 nm	-195.9	0.4	1	1	6.2
450 nm	-238.5	0.3	0	0	6.0
480 nm	-252.9	0.3	0	0	5.6
510 nm	-260.7	0.2	0	0	5.3
520 nm	-263.5	0.3	0	0	5.3
540 nm	-264.8	0.2	0	0	5.6
575 nm	-267.3	0.2	0	0	5.6
600 nm	-270.0	0.2	0	0	5.3
620 nm	-271.1	0.2	0	0	4.8
660 nm	-271.1	0.2	0	0	5.0
700 nm	-272.4	0.2	0	0	4.5
880 nm	-254.3	0.2	0	0	4.2

Result Report Konelab 6.0.5 Page: 1

STL Buffalo
Konelab 1

Date : 2005-04-02
Time : 13.36

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
Alk CCV	99.634	-0.154	0.557		2005-04-02 09.25
Alk CCB	2.043	-0.047	0.556		2005-04-02 09.25
295806		-0.387	0.559		-
295807	159.238	-0.220	0.561		2005-04-02 09.25
295808	243.598	-0.312	0.563		2005-04-02 09.25
295809		-0.396	0.561		-
295811		-0.340	0.568		-
295812		-0.349	0.565		-
294401	87.723	-0.141	0.563		2005-04-02 09.25
294402		-0.349	0.563		-
Alk CCV	96.303	-0.151	0.550		2005-04-02 09.26
Alk CCB	1.209	-0.046	0.556		2005-04-02 09.26
294403	65.972	-0.117	0.559		2005-04-02 09.33
294404		-0.375	0.559		-
294405		-0.412	0.561		-
294406	128.623	-0.186	0.561		2005-04-02 09.33
294407	138.754	-0.197	0.561		2005-04-02 09.33
294408		-0.367	0.564		-
294409	101.167	-0.156	0.564		2005-04-02 09.33
294410		-0.350	0.567		-
294411		-0.337	0.566		-
294412	47.068	-0.097	0.567		2005-04-02 09.33
294413	10.735	-0.057	0.565		2005-04-02 09.33
294414	1.455	-0.047	0.566		2005-04-02 09.33
Alk CCV	99.170	-0.154	0.557		2005-04-02 09.34
Alk CCB	1.927	-0.047	0.556		2005-04-02 09.34
294414 DUP	1.195	-0.046	0.556		2005-04-02 09.34
294414 AMS	17.719	-0.065	0.554		2005-04-02 09.34
Alk CCV	97.230	-0.152	0.555		2005-04-02 09.35
Alk CCB	0.770	-0.046	0.550		2005-04-02 09.35
295806	301.600	-0.111	0.551	1+4.0	2005-04-02 09.35
295301	91.691	-0.146	0.550		2005-04-02 09.42
295302		-0.392	0.555		-
295303	140.906	-0.199	0.557		2005-04-02 09.42
295304	67.486	-0.119	0.559		2005-04-02 09.42
296001	19.989	-0.067	0.562		2005-04-02 09.42
296002	32.427	-0.081	0.563		2005-04-02 09.42
296003	14.626	-0.061	0.561		2005-04-02 09.42
296004	44.958	-0.094	0.564		2005-04-02 09.42
296005	21.599	-0.069	0.562		2005-04-02 09.42
296006		-0.057	0.556		-
296007		-0.050	0.560		-
283116	143.734	-0.203	0.563		2005-04-02 09.44
283304		-0.402	0.561		-
295901		-0.371	0.557		-
Alk CCV	97.416	-0.152	0.553		2005-04-02 09.44
Alk CCB	2.929	-0.048	0.557		2005-04-02 09.44
295902	179.106	-0.241	0.554		2005-04-02 09.51
295903	164.779	-0.226	0.559		2005-04-02 09.51
295904	154.879	-0.215	0.559		2005-04-02 09.51
295905		-0.347	0.558		-
295906	240.742	-0.309	0.561		2005-04-02 09.51
295907	1.175	-0.046	0.565		2005-04-02 09.51

Result Report Konelab 6.0.5 Page: 2

STL Buffalo
Konelab 1

Date : 2005-04-02
Time : 13.36

Test Alkalinity
Unit mg/l

Sample ID:	Result	Resp.	Blank	Dilut	Date and Time
295201	20.747	-0.068	0.565		2005-04-02 09.51
295202	36.912	-0.086	0.567		2005-04-02 09.51
295203	48.783	-0.099	0.566		2005-04-02 09.51
295204		-0.054	0.566		-
295205		-	-		-
295206	0.279	-0.045	0.563		2005-04-02 09.51
295206 DUP	1.829	-0.047	0.558		2005-04-02 09.52
Alk CCV	96.640	-0.151	0.552		2005-04-02 09.52
Alk CCB	2.441	-0.048	0.557		2005-04-02 09.52
295206 AMS	20.067	-0.067	0.554		2005-04-02 09.52
Alk CCV	95.435	-0.150	0.551		2005-04-02 09.53
Alk CCB	-0.083	-0.045	0.554		2005-04-02 09.53
295809	311.305	-0.113	0.549	1+4.0	2005-04-02 09.54
295811	241.411	-0.098	0.553	1+4.0	2005-04-02 10.01
295812	257.467	-0.102	0.560	1+4.0	2005-04-02 10.01
294402	267.495	-0.104	0.559	1+4.0	2005-04-02 10.01
294404	289.788	-0.109	0.561	1+4.0	2005-04-02 10.01
294405	407.043	-0.134	0.558	1+4.0	2005-04-02 10.01
294408	268.341	-0.104	0.557	1+4.0	2005-04-02 10.01
294410	241.021	-0.098	0.555	1+4.0	2005-04-02 10.04
294411	241.612	-0.098	0.559	1+4.0	2005-04-02 10.04
295302		-0.109	0.558	1+4.0	-
283304	646.761	-0.187	0.561	1+4.0	2005-04-02 10.04
295901		-0.111	0.559	1+4.0	-
295905		-0.106	0.559	1+4.0	-
296006		-0.065	0.555		-
296007		-0.049	0.556		-
295204		-0.054	0.558		-
295205		-	-		-
Alk CCV	98.549	-0.153	0.553		2005-04-02 11.33
Alk CCB	1.433	-0.047	0.555		2005-04-02 11.33
295205		-	-	1+1.0	-
296006	17.762	-0.065	0.552		2005-04-02 11.46
296007	3.827	-0.049	0.553		2005-04-02 11.46
295204	10.294	-0.056	0.552		2005-04-02 11.46
295302	134.259	-0.075	0.548	1+4.0	2005-04-02 11.47
295901	247.690	-0.099	0.556	1+4.0	2005-04-02 11.47
295905	255.360	-0.101	0.552	1+4.0	2005-04-02 11.47
Alk CCV	99.050	-0.154	0.551		2005-04-02 11.48
Alk CCB	1.969	-0.047	0.550		2005-04-02 11.48
Alk CCV	98.406	-0.153	0.549		2005-04-02 12.03
Alk CCB	6.394	-0.052	0.555		2005-04-02 12.03
295205	-0.503	-0.045	0.551		2005-04-02 12.03
295205		-	-	1+4.0	-
Alk CCV	99.176	-0.154	0.549		2005-04-02 12.05
Alk CCB	5.535	-0.051	0.551		2005-04-02 12.05
Alk CCV	99.828	-0.154	0.550		2005-04-02 13.23
Alk CCB	3.985	-0.050	0.555		2005-04-02 13.23
ERA P111506	47.799	-0.097	0.547		2005-04-02 13.23
Alk CCV	100.297	-0.155	0.552		2005-04-02 13.33
Alk CCB	2.900	-0.048	0.550		2005-04-02 13.33

****
****

AIMS DATA VALIDATION TESTS

Run Date: 04/03/2005
by: GAYNORM

Validation Filter:
Batch: A5B04478
Fraction(s): WC

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

****

Sample Weights and Volumes Not Entered : Exception list

Job	Lab Sample	Test	Wt/Vol	Product Abbr
A05-2831	A5283116	CTA15090	0.0000	AlK
A5B04478	A5B0447801	CTA15090	0.0000	AlK
A5B04478	A5B0447802	CTA15090	0.0000	AlK
A05-2953	A5295301	CTA09443	0.0000	BICARALK
A05-2953	A5295302	CTA09443	0.0000	BICARALK
A05-2953	A5295303	CTA09443	0.0000	BICARALK
A05-2953	A5295304	CTA09443	0.0000	BICARALK
A5B04478	A5B0447801	CTA09443	0.0000	BICARALK
A5B04478	A5B0447802	CTA09443	0.0000	BICARALK
A05-2953	A5295301	CTA09442	0.0000	CARALK
A05-2953	A5295302	CTA09442	0.0000	CARALK
A05-2953	A5295303	CTA09442	0.0000	CARALK
A05-2953	A5295304	CTA09442	0.0000	CARALK
A5B04478	A5B0447801	CTA09442	0.0000	CARALK
A5B04478	A5B0447802	CTA09442	0.0000	CARALK

w/A

A05-2958	A5295807	CTA09142	0.0000	DALK
A05-2958	A5295808	CTA09142	0.0000	DALK
A5B04478	A5B0447801	CTA09142	0.0000	DALK
A5B04478	A5B0447802	CTA09142	0.0000	DALK
A05-2833	A5283304	CTA15747	0.0000	TALK
A05-2944	A5294401	CTA25392	0.0000	TALK
A05-2944	A5294402	CTA25392	0.0000	TALK
A05-2944	A5294403	CTA25392	0.0000	TALK
A05-2944	A5294404	CTA25392	0.0000	TALK
A05-2944	A5294405	CTA25392	0.0000	TALK
A05-2944	A5294406	CTA25392	0.0000	TALK
A05-2944	A5294407	CTA25392	0.0000	TALK
A05-2944	A5294408	CTA25392	0.0000	TALK
A05-2944	A5294409	CTA25392	0.0000	TALK
A05-2944	A5294410	CTA25392	0.0000	TALK
A05-2944	A5294411	CTA25392	0.0000	TALK
A05-2944	A5294412	CTA25392	0.0000	TALK
A05-2944	A5294413	CTA25392	0.0000	TALK
A05-2944	A5294414	CTA25392	0.0000	TALK
A05-2944	A5294414MS	CTA25392	0.0000	TALK
A05-2952	A5295201	CTA05403	0.0000	TALK
A05-2952	A5295202	CTA05403	0.0000	TALK
A05-2952	A5295203	CTA05403	0.0000	TALK
A05-2952	A5295204	CTA05403	0.0000	TALK
A05-2952	A5295205	CTA05403	0.0000	TALK
A05-2952	A5295206	CTA05403	0.0000	TALK
A05-2952	A5295206MS	CTA05403	0.0000	TALK
A05-2953	A5295301	CTA09444	0.0000	TALK
A05-2953	A5295302	CTA09444	0.0000	TALK
A05-2953	A5295303	CTA09444	0.0000	TALK
A05-2953	A5295304	CTA09444	0.0000	TALK
A05-2958	A5295806	CTA08195	0.0000	TALK
A05-2958	A5295809	CTA08195	0.0000	TALK
A05-2958	A5295811	CTA08195	0.0000	TALK
A05-2958	A5295812	CTA08195	0.0000	TALK
A05-2959	A5295901	CTA20596	0.0000	TALK
A05-2959	A5295902	CTA20596	0.0000	TALK
A05-2959	A5295903	CTA20596	0.0000	TALK
A05-2959	A5295904	CTA20596	0.0000	TALK
A05-2959	A5295905	CTA20596	0.0000	TALK
A05-2959	A5295906	CTA20596	0.0000	TALK
A05-2959	A5295907	CTA20596	0.0000	TALK
A05-2960	A5296001	CTA09444	0.0000	TALK
A05-2960	A5296002	CTA09444	0.0000	TALK
A05-2960	A5296003	CTA09444	0.0000	TALK
A05-2960	A5296004	CTA09444	0.0000	TALK
A05-2960	A5296005	CTA09444	0.0000	TALK
A05-2960	A5296006	CTA09444	0.0000	TALK
A05-2960	A5296007	CTA09444	0.0000	TALK
A5B04478	A5B0447801	CTA05403	0.0000	TALK
A5B04478	A5B0447801	CTA08195	0.0000	TALK
A5B04478	A5B0447801	CTA09444	0.0000	TALK
A5B04478	A5B0447801	CTA15747	0.0000	TALK
A5B04478	A5B0447801	CTA20596	0.0000	TALK
A5B04478	A5B0447801	CTA25392	0.0000	TALK
A5B04478	A5B0447802	CTA05403	0.0000	TALK
A5B04478	A5B0447802	CTA08195	0.0000	TALK
A5B04478	A5B0447802	CTA09444	0.0000	TALK
A5B04478	A5B0447802	CTA15747	0.0000	TALK
A5B04478	A5B0447802	CTA20596	0.0000	TALK
A5B04478	A5B0447802	CTA25392	0.0000	TALK

****

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

****

Tests Not Closed : Exception list

Job	Lab Sample	Test	Test Status	Sample Type	Analysis Date
A05-2831	A5283116	CTA15090	O	FS	04/02/2005
A05-2833	A5283304	CTA15747	O	FS	04/02/2005
A05-2944	A5294401	CTA25392	O	FS	04/02/2005
A05-2944	A5294402	CTA25392	O	FS	04/02/2005
A05-2944	A5294403	CTA25392	O	FS	04/02/2005
A05-2944	A5294404	CTA25392	O	FS	04/02/2005
A05-2944	A5294405	CTA25392	O	FS	04/02/2005
A05-2944	A5294406	CTA25392	O	FS	04/02/2005
A05-2944	A5294407	CTA25392	O	FS	04/02/2005
A05-2944	A5294408	CTA25392	O	FS	04/02/2005
A05-2944	A5294409	CTA25392	O	FS	04/02/2005
A05-2944	A5294410	CTA25392	O	FS	04/02/2005
A05-2944	A5294411	CTA25392	O	FS	04/02/2005
A05-2944	A5294412	CTA25392	O	FS	04/02/2005
A05-2944	A5294413	CTA25392	O	FS	04/02/2005
A05-2944	A5294414	CTA25392	O	FB	04/02/2005
A05-2944	A5294414MS	CTA25392	O	MS	04/02/2005
A05-2952	A5295201	CTA05403	O	FS	04/02/2005
A05-2952	A5295202	CTA05403	O	FS	04/02/2005
A05-2952	A5295203	CTA05403	O	FS	04/02/2005
A05-2952	A5295204	CTA05403	O	FS	04/02/2005
A05-2952	A5295205	CTA05403	O	FS	04/02/2005
A05-2952	A5295206	CTA05403	O	FB	04/02/2005
A05-2952	A5295206MS	CTA05403	O	MS	04/02/2005
A05-2953	A5295301	CTA09442	O	FS	04/02/2005
A05-2953	A5295302	CTA09442	O	FS	04/02/2005
A05-2953	A5295303	CTA09442	O	FS	04/02/2005
A05-2953	A5295304	CTA09442	O	FS	04/02/2005
A05-2953	A5295301	CTA09443	O	FS	04/02/2005
A05-2953	A5295302	CTA09443	O	FS	04/02/2005
A05-2953	A5295303	CTA09443	O	FS	04/02/2005
A05-2953	A5295304	CTA09443	O	FS	04/02/2005
A05-2953	A5295301	CTA09444	O	FS	04/02/2005
A05-2953	A5295302	CTA09444	O	FS	04/02/2005
A05-2953	A5295303	CTA09444	O	FS	04/02/2005
A05-2953	A5295304	CTA09444	O	FS	04/02/2005
A05-2958	A5295806	CTA08195	O	FS	04/02/2005
A05-2958	A5295809	CTA08195	O	FS	04/02/2005
A05-2958	A5295811	CTA08195	O	FS	04/02/2005
A05-2958	A5295812	CTA08195	O	FS	04/02/2005
A05-2958	A5295807	CTA09142	O	FS	04/02/2005
A05-2958	A5295808	CTA09142	O	FS	04/02/2005
A05-2959	A5295901	CTA20596	O	FS	04/02/2005
A05-2959	A5295902	CTA20596	O	FS	04/02/2005
A05-2959	A5295903	CTA20596	O	FS	04/02/2005
A05-2959	A5295904	CTA20596	O	FS	04/02/2005
A05-2959	A5295905	CTA20596	O	FS	04/02/2005
A05-2959	A5295906	CTA20596	O	FS	04/02/2005
A05-2959	A5295907	CTA20596	O	FB	04/02/2005
A05-2960	A5296001	CTA09444	O	FS	04/02/2005
A05-2960	A5296002	CTA09444	O	FS	04/02/2005
A05-2960	A5296003	CTA09444	O	FS	04/02/2005
A05-2960	A5296004	CTA09444	O	FS	04/02/2005
A05-2960	A5296005	CTA09444	O	FS	04/02/2005
A05-2960	A5296006	CTA09444	O	FS	04/02/2005
A05-2960	A5296007	CTA09444	O	FB	04/02/2005
A5B04478	A5B0447801	CTA05403	O	LCS	04/02/2005

w/A

A5B04478	A5B0447802	CTA05403	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA08195	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA08195	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA09142	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA09142	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA09442	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA09442	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA09443	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA09443	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA09444	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA09444	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA15090	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA15090	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA15747	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA15747	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA20596	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA20596	O	MBLK	04/02/2005
A5B04478	A5B0447801	CTA25392	O	LCS	04/02/2005
A5B04478	A5B0447802	CTA25392	O	MBLK	04/02/2005

****

Method Blank Hits (or errors) : No exceptions found

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****

Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-2831	WC	No comments	
A05-2833	WC	Approved	
A05-2944	WC	Approved	
A05-2952	WC	Not approved	*
A05-2953	WC	Not approved	*
A05-2958	WC	No comments	
A05-2959	WC	No comments	
A05-2960	WC	Not approved	*

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

****

Sample Spikes with % Recovery = 0 : Exception list

comment

Job	Lab Sample	Test	MSRecov	SDRecov	Pname
A5B04478	A5B0447802	CTA09442	0.0	0.0	Carbonate Alkal

****

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

MS % Difference out of QC Limits : No exceptions found

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

****

Sample/Tests with No Sample Time : Exception list

ok

Job	Lab Sample	Test	Samp Date	SampTime	Fraction	C
A05-2944	A5294401	CTA25392	03/31/2005		WC	
A05-2959	A5295906	CTA20596	03/30/2005		WC	
A05-2959	A5295907	CTA20596	03/30/2005		WC	
A5B04478	A5B0447801	CTA05403	/ /		WC	
A5B04478	A5B0447802	CTA05403	/ /		WC	
A5B04478	A5B0447801	CTA08195	/ /		WC	
A5B04478	A5B0447802	CTA08195	/ /		WC	
A5B04478	A5B0447801	CTA09142	/ /		WC	
A5B04478	A5B0447802	CTA09142	/ /		WC	

A5B04478	A5B0447801	CTA09442	/ /		WC
A5B04478	A5B0447802	CTA09442	/ /		WC
A5B04478	A5B0447801	CTA09443	/ /		WC
A5B04478	A5B0447802	CTA09443	/ /		WC
A5B04478	A5B0447801	CTA09444	/ /		WC
A5B04478	A5B0447802	CTA09444	/ /		WC
A5B04478	A5B0447801	CTA15090	/ /		WC
A5B04478	A5B0447802	CTA15090	/ /		WC
A5B04478	A5B0447801	CTA15747	/ /		WC
A5B04478	A5B0447802	CTA15747	/ /		WC
A5B04478	A5B0447801	CTA20596	/ /		WC
A5B04478	A5B0447802	CTA20596	/ /		WC
A5B04478	A5B0447801	CTA25392	/ /		WC
A5B04478	A5B0447802	CTA25392	/ /		WC

****

****

Sample/Tests with No Received Time : Exception list

ok

Job	Lab Sample	Test	Recd Date	RecdTime	Fraction	C
A5B04478	A5B0447801	CTA05403	/ /		WC	
A5B04478	A5B0447802	CTA05403	/ /		WC	
A5B04478	A5B0447801	CTA08195	/ /		WC	
A5B04478	A5B0447802	CTA08195	/ /		WC	
A5B04478	A5B0447801	CTA09142	/ /		WC	
A5B04478	A5B0447802	CTA09142	/ /		WC	
A5B04478	A5B0447801	CTA09442	/ /		WC	
A5B04478	A5B0447802	CTA09442	/ /		WC	
A5B04478	A5B0447801	CTA09443	/ /		WC	
A5B04478	A5B0447802	CTA09443	/ /		WC	
A5B04478	A5B0447801	CTA09444	/ /		WC	
A5B04478	A5B0447802	CTA09444	/ /		WC	
A5B04478	A5B0447801	CTA15090	/ /		WC	
A5B04478	A5B0447802	CTA15090	/ /		WC	
A5B04478	A5B0447801	CTA15747	/ /		WC	
A5B04478	A5B0447802	CTA15747	/ /		WC	
A5B04478	A5B0447801	CTA20596	/ /		WC	
A5B04478	A5B0447802	CTA20596	/ /		WC	
A5B04478	A5B0447801	CTA25392	/ /		WC	
A5B04478	A5B0447802	CTA25392	/ /		WC	

****

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

****

Batches Not Closed : Exception list

ok

Batch	Type	Status	Analyst	Start Date	End Date
A5B04478	WC	O	MG	04/02/2005	04/02/2005

****

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

****

Result NOT Consistent with Historical/No History : Exception list

	Current				Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5283116	CTA15090	Alk	MG/L	144	Not Found ok
A5294401	CTA25392	TALK	MG/L	87.7	254 Deleted
A5294403	CTA25392	TALK	MG/L	66.0	175 Deleted
A5294404	CTA25392	TALK	MG/L	290	42.9 Deleted
A5294405	CTA25392	TALK	MG/L	422	167 Deleted
A5294406	CTA25392	TALK	MG/L	128	181 ok
A5294409	CTA25392	TALK	MG/L	101	144 ok
A5294410	CTA25392	TALK	MG/L	1200	330 Deleted
A5294411	CTA25392	TALK	MG/L	1210	205 Deleted
A5294412	CTA25392	TALK	MG/L	47.1	132 Deleted
A5294413	CTA25392	TALK	MG/L	10.7	111 Deleted
A5295203	CTA05403	TALK	MG/L	48.8	35.4/69.8/30.1/5.0U/12.7/7.5 ok 7.8/5.0U
A5295204	CTA05403	TALK	MG/L	10.3	9.1/6.8/5.0U/5.0U/8.6/10.3 ok 37.2/5.0U
A5295301	CTA09442	CARALK	MG/L	5.0U	Not Found
A5295302	CTA09443	BICARALK	MG/L	134	Not Found
A5295302	CTA09442	CARALK	MG/L	5.0U	Not Found
A5295302	CTA09444	TALK	MG/L	134	Not Found
A5295303	CTA09442	CARALK	MG/L	5.0U	Not Found
A5295304	CTA09443	BICARALK	MG/L	67.5	Not Found
A5295304	CTA09442	CARALK	MG/L	5.0U	Not Found
A5295304	CTA09444	TALK	MG/L	67.5	Not Found
A5295809	CTA08195	TALK	MG/L	311	Not Found
A5295811	CTA08195	TALK	MG/L	241	Not Found
A5295812	CTA08195	TALK	MG/L	257	Not Found ok
A5296003	CTA09444	TALK	MG/L	14.6	13.6/7.4J/24.4/5.6/5.0U/7.7 7.0/5.0U/13.5/14.4/13.4 ok

****

ANALYTICAL REPORT

Job#: A05-6677

STL Project#: NY8A786710
Site Name: Griffiss Air Force Base
Task: Griffiss AFB Building 43 Sampling

Mr. Gaby A. Atik
FPM Engineering Group, PC
153 Brooks Road
Rome, NY 13441

STL Buffalo

Mark A. Nemec
Project Manager

08/08/2005

Case Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5667720	062705AE	WATER	06/27/2005	13:55	06/28/2005	07:45
A5667721	062705AF	WATER	06/27/2005	16:00	06/28/2005	07:45
A5667719	062705AR	WATER	06/27/2005	13:50	06/28/2005	07:45
A5667707	B43SSABC	SOIL	06/27/2005	14:40	06/28/2005	07:45
A5667708	B43SSABG	SOIL	06/27/2005	14:45	06/28/2005	07:45
A5667705	B43SSAEC	SOIL	06/27/2005	14:30	06/28/2005	07:45
A5667706	B43SSAEG	SOIL	06/27/2005	14:35	06/28/2005	07:45
A5667703	B43SSASC	SOIL	06/27/2005	14:20	06/28/2005	07:45
A5667704	B43SSASG	SOIL	06/27/2005	14:25	06/28/2005	07:45
A5667701	B43SSAWC	SOIL	06/27/2005	14:10	06/28/2005	07:45
A5667702	B43SSAWG	SOIL	06/27/2005	14:15	06/28/2005	07:45
A5667713	B43SSBBC	SOIL	06/27/2005	15:10	06/28/2005	07:45
A5667714	B43SSBBG	SOIL	06/27/2005	15:15	06/28/2005	07:45
A5667717	B43SSBEC	SOIL	06/27/2005	15:30	06/28/2005	07:45
A5667718	B43SSBEG	SOIL	06/27/2005	15:35	06/28/2005	07:45
A5667711	B43SSBNC	SOIL	06/27/2005	15:00	06/28/2005	07:45
A5667712	B43SSBNG	SOIL	06/27/2005	15:05	06/28/2005	07:45
A5667715	B43SSBSC	SOIL	06/27/2005	15:20	06/28/2005	07:45
A5667716	B43SSBSG	SOIL	06/27/2005	15:25	06/28/2005	07:45
A5667709	B43SSBWC	SOIL	06/27/2005	14:50	06/28/2005	07:45
A5667710	B43SSBWG	SOIL	06/27/2005	14:55	06/28/2005	07:45

METHODS SUMMARY

Job#: A05-6677

STL Project#: NY8A786710
Site Name: Griffiss Air Force Base

PARAMETER	ANALYTICAL METHOD
AFCEE - METHOD 8260 - VOLATILE ORGANICS	SW8463 8260-A98

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-6677

STL Project#: NY8A786710
Site Name: Griffiss Air Force Base

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-6677
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Carbon Disulfide exhibited percent difference greater than 20% but less than 30% in the Continuing Calibration Verification (CCV) A5C0004487. No corrective action was taken, this analyte may exhibit percent difference greater than 20% yet less than 30% difference according to variances to the AFCEE QAPP.

Linear regression was used to calibrate the analyte Methylene Chloride, which was greater than 30% RSD in the initial calibration A5I0001762.

The analytes 4-methyl-2-pentanone, methylene chloride and m/p xylenes were detected in the Method Blank VBLK02 A5B1085402 at a level between the MDL and the CDL. All associated samples were qualified with "B." No corrective action is neccessary for any values in Method Blanks that are below the requested reporting limits.

The analyte 1,2,3 trichlorobenzene was detected in the Method Blank VBLK17 (A5B1021902) at a level between the MDL and the CDL. All associated samples were qualified with "B." No corrective action is neccessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Methylene chloride and m/p xylenes were detected in the Method Blank VBLK93 (A5B1085502) at a level between the MDL and the CDL. All associated samples were qualified with "B." No corrective action is neccessary for any values in Method Blanks that are below the requested reporting limits.

Initial calibration standard curve A5I0001762 exhibited the %RSD for the compounds bromomethane, acetone, and t-butylbenzene as greater than 15%. However, the mean RSD of all compounds is 8.60%.

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The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Chain of Custody Documentation

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#: _3_ Cooler ID: _A_

Ship to: Mark Nemec Severn Trent Laboratories 10 Hazelwood Drive, Suite 106 Amherst, NY 14228-2298 Tel: (716) 691-2600	Project Name: Griffiss AFB Building 43 Sampling Sampler Name: Daniel Baldyga	Send Results to: Niels van Hoesel FPM Group 153 Brooks Road Rome, NY 13441
Carrier: STL courier	Sampler Signature: Daniel Baldyga	Phone: (315) 336-7721 ext. 205

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2005	Time	MATRIX	SMCODE	SBD/SED	SACODE	Preservative	No. of Containers	VOCs Note 1 8 oz glass jar	Comments
B43SSAWC	BH-B43SS-AW	6/27	1410	SO	G	3/5	N	-	1	1	
B43SSAWG	BH-B43SS-AW	6/27	1415	SO	G	3/5	N	-	1	1	
B43SSASC	BH-B43SS-AS	6/27	1420	SO	G	3/5	N	-	1	1	
B43SSASG	BH-B43SS-AS	6/27	1425	SO	G	3/5	N	-	1	1	
B43SSAEC	BH-B43SS-AE	6/27	1430	SO	G	3/5	N	-	1	1	
B43SSAEG	BH-B43SS-AE	6/27	1435	SO	G	3/5	N	-	1	1	
B43SSABC	BH-B43SS-AB	6/27	1440	SO	G	6/6	N	-	1	1	
B43SSABG	BH-B43SS-AB	6/27	1445	SO	G	6/6	N	-	1	1	
B43SSBWC	BH-B43SS-BW	6/27	1450	SO	G	6/8	N	-	1	1	
B43SSBWG	BH-B43SS-BW	6/27	1455	SO	G	6/8	N	-	1	1	
B43SSBNC	BH-B43SS-BN	6/27	1500	SO	G	6/8	N	-	1	1	
B43SSBNG	BH-B43SS-BN	6/27	1505	SO	G	6/8	N	-	1	1	
B43SSBBC	BH-B43SS-BB	6/27	1510	SO	G	10/10	N	-	1	1	
B43SSBBG	BH-B43SS-BB	6/27	1515	SO	G	10/10	N	-	1	1	
B43SSBSC	BH-B43SS-BS	6/27	1520	SO	G	6/8	N	-	1	1	
B43SSBSG	BH-B43SS-BS	6/27	1525	SO	G	6/8	N	-	1	1	
B43SSBEC	BH-B43SS-BE	6/27	1530	SO	G	6/8	N	-	1	1	
B43SSBEG	BH-B43SS-BE	6/27	1535	SO	G	6/8	N	-	1	1	
062705AR	FIELDQC	6/27	1350	WQ	NA	0/0	TB	HCL	3	3*	
062705AE	FIELDQC	6/27	1355	WQ	G	0/0	EB	HCL	3	3*	
062705AF	FIELDQC	6/27	1600	WQ	NA	0/0	AB	HCL	3	3*	

* WATER SAMPLES ARE COLLECTED IN 40 ML VOA VIALS.

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Sample Condition Upon Receipt at Laboratory:	Cooler temperature: 2.0 °C
Special Instructions/Comments: Analyses to be conducted in compliance with AFCEE QAPP 3.1. Note 1: VOCs SW8260 STARS List.	

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 6/27/05	#3 Released by: (Sig) RENG/LSL	Date: 06/27/05
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1700	Company Name: STL	Time: 18:30
#1 Received by: (Sig) Daniel Baldyga	Date: 6/27/2005	#2 Received by: (Sig) RENG/LSL	Date: 6/27/05	#3 Received by: (Sig)	Date: 06/28/05
Company Name: FPM Group Ltd	Time: 1000	Company Name: STL	Time: 16:45	Company Name: STL	Time: 0745

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Volatile Data

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
062705AE	A5667720
062705AF	A5667721
062705AR	A5667719

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: John Schove

Date: 8/12/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AE Lab Sample ID: A5667720 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AE Lab Sample ID: A5667720 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AE Lab Sample ID: A5667720 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	0.14	1.00	N/A	U
CARBON DISULFIDE	0.11	0.50	0.11	1.00	N/A	U
METHYL ACETATE	0.076	0.50	0.076	1.00	N/A	U
CYCLOHEXANE	0.051	0.50	0.051	1.00	N/A	U
METHYLCYCLOHEXANE	0.091	0.50	0.091	1.00	N/A	U
2-HEXANONE	0.49	2.5	0.49	1.00	N/A	U
XYLENES,TOTAL	0.51	1.5	0.51	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	96	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	92	72 - 119	
DIBROMOFLUOROMETHANE	97	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1388519	759696 - 3038782	
CHLOROBENZENE-d5	925938	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	356557	204988 - 819952	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AF Lab Sample ID: A5667721 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 7-Jul-2005 Date Analyzed: 7-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.5	1.00	N/A	F
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AF Lab Sample ID: A5667721 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 7-Jul-2005 Date Analyzed: 7-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AF Lab Sample ID: A5667721 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 7-Jul-2005 Date Analyzed: 7-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	0.14	1.00	N/A	U
CARBON DISULFIDE	0.11	0.50	0.11	1.00	N/A	U
METHYL ACETATE	0.076	0.50	0.076	1.00	N/A	U
CYCLOHEXANE	0.051	0.50	0.051	1.00	N/A	U
METHYLCYCLOHEXANE	0.091	0.50	0.091	1.00	N/A	U
2-HEXANONE	0.49	2.5	0.49	1.00	N/A	U
XYLENES,TOTAL	0.51	1.5	0.51	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	94	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	95	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1384360	759696 - 3038782	
CHLOROBENZENE-d5	931676	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	357874	204988 - 819952	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AR Lab Sample ID: A5667719 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.19	1.0	0.19	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	0.11	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROETHANE	0.16	1.0	0.16	1.00	N/A	U
1,1-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
1,1-DICHLOROPROPENE	0.14	1.0	0.14	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.16	1.0	0.16	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.21	1.0	0.21	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.23	1.0	0.23	1.00	N/A	U
1,2-DICHLOROETHANE	0.12	0.50	0.12	1.00	N/A	U
1,2-DICHLOROBENZENE	0.14	1.0	0.14	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	0.22	1.00	N/A	U
1,2-DICHLOROPROPANE	0.12	1.0	0.12	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	0.14	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	0.25	1.00	N/A	U
1,3-DICHLOROBENZENE	0.13	1.0	0.13	1.00	N/A	U
1,3-DICHLOROPROPANE	0.12	0.50	0.12	1.00	N/A	U
1,4-DICHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
1-CHLOROHEXANE	0.14	1.0	0.14	1.00	N/A	U
2,2-DICHLOROPROPANE	0.27	1.0	0.27	1.00	N/A	U
2-CHLOROTOLUENE	0.25	1.0	0.25	1.00	N/A	U
4-CHLOROTOLUENE	0.20	1.0	0.20	1.00	N/A	U
ACETONE	1.3	10	1.3	1.00	N/A	U
BENZENE	0.15	0.50	0.15	1.00	N/A	U
BROMOBENZENE	0.16	1.0	0.16	1.00	N/A	U
BROMOCHLOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
BROMODICHLOROMETHANE	0.11	0.50	0.11	1.00	N/A	U
BROMOFORM	0.083	1.0	0.083	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AR Lab Sample ID: A5667719 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.13	3.0	0.13	1.00	N/A	U
CARBON TETRACHLORIDE	0.18	1.0	0.18	1.00	N/A	U
CHLOROBENZENE	0.14	0.50	0.14	1.00	N/A	U
CHLOROETHANE	0.14	1.0	0.14	1.00	N/A	U
CHLOROFORM	0.16	0.50	0.16	1.00	N/A	U
CHLOROMETHANE	0.21	1.0	0.21	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.14	1.0	0.14	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.10	0.50	0.10	1.00	N/A	U
DIBROMOMETHANE	0.12	1.0	0.12	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.22	1.0	0.22	1.00	N/A	U
ETHYLBENZENE	0.14	1.0	0.14	1.00	N/A	U
HEXACHLOROBUTADIENE	0.23	0.60	0.23	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	0.25	1.00	N/A	U
METHYLENE CHLORIDE	0.22	1.0	0.22	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.094	5.0	0.094	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	1.4	1.00	N/A	U
n-BUTYLBENZENE	0.22	1.0	0.22	1.00	N/A	U
n-PROPYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	0.34	1.00	N/A	U
NAPHTHALENE	0.11	1.0	0.11	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	0.16	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	0.19	1.00	N/A	U
SEC-BUTYLBENZENE	0.25	1.0	0.25	1.00	N/A	U
STYRENE	0.12	1.0	0.12	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.16	1.0	0.16	1.00	N/A	U
t-BUTYLBENZENE	0.21	1.0	0.21	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.18	1.0	0.18	1.00	N/A	U
TOLUENE	0.17	1.0	0.17	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 062705AR Lab Sample ID: A5667719 Matrix: WATER

% Solids: _____ Initial Calibration ID: A5I0001745

Date Received: 28-Jun-2005 Date Prepared: 6-Jul-2005 Date Analyzed: 6-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.12	1.0	0.12	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.10	1.0	0.10	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.14	1.0	0.14	1.00	N/A	U
VINYL CHLORIDE	0.19	1.0	0.19	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	0.14	1.00	N/A	U
CARBON DISULFIDE	0.11	0.50	0.11	1.00	N/A	U
METHYL ACETATE	0.076	0.50	0.076	1.00	N/A	U
CYCLOHEXANE	0.051	0.50	0.051	1.00	N/A	U
METHYLCYCLOHEXANE	0.091	0.50	0.091	1.00	N/A	U
2-HEXANONE	0.49	2.5	0.49	1.00	N/A	U
XYLENES,TOTAL	0.51	1.5	0.51	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	92	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	89	76 - 119	
1,2-DICHLOROETHANE-d4	91	72 - 119	
DIBROMOFLUOROMETHANE	94	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1432778	759696 - 3038782	
CHLOROBENZENE-d5	964543	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	367272	204988 - 819952	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005

Calibration ID: A510001745 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	12.5	0.439	100.0	0.407	250.0	0.355	500.0	0.360	1000.0	0.348	10.300	
BROMOMETHANE	12.5	0.241	100.0	0.231	250.0	0.207	500.0	0.197	1000.0	0.165	14.400	
VINYL CHLORIDE	12.5	0.366	100.0	0.382	250.0	0.353	500.0	0.352	1000.0	0.338	4.600	
BROMOCHLOROMETHANE	12.5	0.154	100.0	0.157	250.0	0.154	500.0	0.160	1000.0	0.150	2.500	
CHLOROETHANE	12.5	0.267	100.0	0.266	250.0	0.246	500.0	0.240	1000.0	0.211	9.200	
METHYLENE CHLORIDE	12.5	0.844	100.0	0.451	250.0	0.408	500.0	0.410	1000.0	0.378	39.100	
ACETONE	62.5	0.075	500.0	0.057	1250.0	0.053	2500.0	0.053	5000.0	0.051	16.900	
CARBON DISULFIDE	12.5	0.350	100.0	0.320	250.0	0.308	500.0	0.317	1000.0	0.280	8.000	
1,1-DICHLOROETHENE	12.5	0.355	100.0	0.366	250.0	0.348	500.0	0.356	1000.0	0.332	3.600	
1,1-DICHLOROETHANE	12.5	0.837	100.0	0.829	250.0	0.790	500.0	0.807	1000.0	0.742	4.700	
METHYLCYCLOHEXANE	12.5	0.547	100.0	0.600	250.0	0.604	500.0	0.610	1000.0	0.551	5.200	
1-CHLOROHEXANE	12.5	1.077	100.0	1.079	250.0	1.077	500.0	1.091	1000.0	0.980	4.300	
cis-1,2-DICHLOROETHYLENE	12.5	0.460	100.0	0.463	250.0	0.439	500.0	0.451	1000.0	0.413	4.500	
trans-1,2-DICHLOROETHENE	12.5	0.429	100.0	0.431	250.0	0.406	500.0	0.410	1000.0	0.369	6.000	
CHLOROFORM	12.5	0.763	100.0	0.711	250.0	0.682	500.0	0.704	1000.0	0.658	5.600	
1,2-DICHLOROETHANE	12.5	0.467	100.0	0.448	250.0	0.436	500.0	0.457	1000.0	0.429	3.500	
METHYL ETHYL KETONE (2-BUTA	62.5	0.114	500.0	0.104	1250.0	0.101	2500.0	0.104	5000.0	0.099	5.400	
1,1,1-TRICHLOROETHANE	12.5	0.554	100.0	0.586	250.0	0.569	500.0	0.584	1000.0	0.541	3.500	
CARBON TETRACHLORIDE	12.5	0.440	100.0	0.479	250.0	0.467	500.0	0.484	1000.0	0.451	4.000	
BROMODICHLOROMETHANE	12.5	0.475	100.0	0.474	250.0	0.473	500.0	0.498	1000.0	0.468	2.400	
1,2-DICHLOROPROPANE	12.5	0.548	100.0	0.523	250.0	0.503	500.0	0.518	1000.0	0.479	5.000	
cis-1,3-DICHLOROPROPENE	12.5	0.538	100.0	0.538	250.0	0.548	500.0	0.581	1000.0	0.542	3.300	
TRICHLOROETHYLENE (TCE)	12.5	0.473	100.0	0.462	250.0	0.439	500.0	0.452	1000.0	0.416	4.900	
DIBROMOCHLOROMETHANE	12.5	0.375	100.0	0.383	250.0	0.393	500.0	0.432	1000.0	0.414	5.900	
1,1,2-TRICHLOROETHANE	12.5	0.261	100.0	0.248	250.0	0.242	500.0	0.251	1000.0	0.236	3.800	
BENZENE	12.5	2.092	100.0	1.988	250.0	1.923	500.0	1.968	1000.0	1.778	5.900	
trans-1,3-DICHLOROPROPENE	12.5	0.704	100.0	0.711	250.0	0.709	500.0	0.742	1000.0	0.688	2.800	
BROMOFORM	12.5	0.131	100.0	0.153	250.0	0.161	500.0	0.182	1000.0	0.179	13.000	
METHYL ISOBUTYL KETONE (4-M	62.5	1.059	500.0	0.919	1250.0	0.925	2500.0	0.966	5000.0	0.900	6.700	
2-HEXANONE	62.5	0.247	500.0	0.258	1250.0	0.260	2500.0	0.280	5000.0	0.275	5.000	
TETRACHLOROETHYLENE(PCE)	12.5	0.661	100.0	0.632	250.0	0.618	500.0	0.641	1000.0	0.587	4.400	
1,1,2,2-TETRACHLOROETHANE	12.5	1.067	100.0	1.024	250.0	0.989	500.0	1.062	1000.0	0.990	3.600	
TOLUENE	12.5	1.428	100.0	1.280	250.0	1.240	500.0	1.256	1000.0	1.120	8.700	

OK linear eq/line

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005

Calibration ID: A510001745 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROBENZENE	12.5	1.952	100.0	1.863	250.0	1.805	500.0	1.863	1000.0	1.702	5.000	
ETHYLBENZENE	12.5	4.470	100.0	3.509	250.0	3.353	500.0	3.408	1000.0	3.024	15.300	
STYRENE	12.5	2.105	100.0	2.103	250.0	2.062	500.0	2.118	1000.0	1.914	4.100	
XYLENES,TOTAL	12.5	1.656	300.0	1.274	750.0	1.213	1500.0	1.218	3000.0	1.097	16.500	
1,1,1,2-TETRACHLOROETHANE	12.5	0.517	100.0	0.505	250.0	0.493	500.0	0.506	1000.0	0.459	4.500	
1,1,2-TRICHLORO-1,2,2-TRIFL	12.5	0.114	100.0	0.143	250.0	0.130	500.0	0.131	1000.0	0.119	8.600	
1,1-DICHLOROPROPENE	12.5	0.624	100.0	0.629	250.0	0.612	500.0	0.631	1000.0	0.573	3.900	
1,2,3-TRICHLOROBENZENE	12.5	1.417	100.0	1.228	250.0	1.159	500.0	1.227	1000.0	1.154	8.600	
1,2,3-TRICHLOROPROPANE	12.5	0.314	100.0	0.272	250.0	0.270	500.0	0.287	1000.0	0.265	7.000	
1,2,4-TRICHLOROBENZENE	12.5	1.714	100.0	1.527	250.0	1.472	500.0	1.550	1000.0	1.446	6.800	
1,2,4-TRIMETHYLBENZENE	12.5	6.780	100.0	6.316	250.0	6.094	500.0	6.192	1000.0	5.457	7.700	
1,2-DIBROMO-3-CHLOROPROPANE	12.5	0.100	100.0	0.111	250.0	0.110	500.0	0.123	1000.0	0.121	8.300	
1,2-DIBROMOETHANE (ETHYLENE	12.5	0.388	100.0	0.373	250.0	0.365	500.0	0.398	1000.0	0.381	3.400	
1,2-DICHLOROBENZENE	12.5	2.609	100.0	2.507	250.0	2.394	500.0	2.462	1000.0	2.230	5.800	
1,3,5-TRIMETHYLBENZENE (MES	12.5	6.809	100.0	6.333	250.0	6.076	500.0	6.199	1000.0	5.411	8.200	
1,3-DICHLOROBENZENE	12.5	3.202	100.0	3.000	250.0	2.850	500.0	2.845	1000.0	2.437	9.800	
1,3-DICHLOROPROPANE	12.5	0.899	100.0	0.832	250.0	0.820	500.0	0.879	1000.0	0.844	3.900	
1,4-DICHLOROBENZENE	12.5	3.191	100.0	2.979	250.0	2.889	500.0	2.971	1000.0	2.657	6.600	
2,2-DICHLOROPROPANE	12.5	0.563	100.0	0.554	250.0	0.537	500.0	0.558	1000.0	0.508	4.100	
2-CHLOROTOLUENE	12.5	1.723	100.0	1.645	250.0	1.612	500.0	1.640	1000.0	1.449	6.300	
P-CYMENE (p-ISOPROPYLTOLUEN	12.5	6.562	100.0	6.337	250.0	6.024	500.0	5.993	1000.0	5.046	9.700	
BROMOBENZENE	12.5	1.672	100.0	1.497	250.0	1.479	500.0	1.540	1000.0	1.380	7.000	
CYCLOHEXANE	12.5	0.434	100.0	0.486	250.0	0.474	500.0	0.478	1000.0	0.432	5.600	
DIBROMOMETHANE	12.5	0.176	100.0	0.176	250.0	0.170	500.0	0.179	1000.0	0.169	2.400	
DICHLORODIFLUOROMETHANE	12.5	0.191	100.0	0.223	250.0	0.211	500.0	0.217	1000.0	0.215	5.700	
METHYL ACETATE	12.5	0.194	100.0	0.166	250.0	0.158	500.0	0.164	1000.0	0.158	8.900	
NAPHTHALENE	12.5	2.531	100.0	2.423	250.0	2.353	500.0	2.534	1000.0	2.463	3.100	
O-XYLENE (1,2-DIMETHYLBENZE	12.5	1.656	100.0	1.274	250.0	1.213	500.0	1.218	1000.0	1.097	16.500	
TRICHLOROFLUOROMETHANE	12.5	0.285	100.0	0.345	250.0	0.344	500.0	0.366	1000.0	0.339	9.000	
n-BUTYLBENZENE	12.5	6.143	100.0	6.131	250.0	5.919	500.0	6.028	1000.0	5.318	5.800	
n-PROPYLBENZENE	12.5	9.991	100.0	9.228	250.0	9.033	500.0	9.249	1000.0	8.005	7.800	
4-CHLOROTOLUENE	12.5	1.853	100.0	1.710	250.0	1.675	500.0	1.720	1000.0	1.510	7.300	
SEC-BUTYLBENZENE	12.5	8.546	100.0	7.943	250.0	7.645	500.0	7.690	1000.0	6.688	8.700	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005

Calibration ID: A5I0001745 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
tert-BUTYL METHYL ETHER	12.5	0.923	100.0	0.897	250.0	0.872	500.0	0.883	1000.0	0.826	4.000	
t-BUTYLBENZENE	12.5	1.343	100.0	1.255	250.0	1.190	500.0	1.194	1000.0	1.036	9.300	
HEXACHLOROBUTADIENE	12.5	0.989	100.0	0.843	250.0	0.803	500.0	0.823	1000.0	0.736	11.100	
ISOPROPYLBENZENE (CUMENE)	12.5	7.823	100.0	7.119	250.0	6.868	500.0	7.045	1000.0	6.137	8.600	
M,P-XYLENE(SUM OF ISOMERS)	25.0	1.726	200.0	1.362	500.0	1.298	1000.0	1.288	2000.0	1.114	16.600	

Comments:
See Case Narrative

Response Factor Report HP5973 N

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001745.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Wed Jul 06 14:13:13 2005
Response via : Initial Calibration

AFCEE 25mL (A5I...1745)

Calibration Files
1 =N7564.D 2 =N7563.D 3 =N7562.D
4 =N7561.D 5 =N7560.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	----------ISTD----------						
2)	M	C290	Dichlorodifluor	0.191	0.223	0.209	0.217	0.215	0.211	5.77
3)	M	C010	Chloromethane	0.439	0.407	0.355	0.360	0.348	0.382	10.32
4)	M	C020	Vinyl chloride	0.366	0.382	0.353	0.352	0.338	0.358	4.62
5)	M	C015	Bromomethane	0.241	0.230	0.207	0.197	0.165	0.208	14.37
6)	M	C025	Chloroethane	0.267	0.266	0.246	0.240	0.211	0.246	9.23
7)	M	C275	Trichlorofluoro	0.285	0.345	0.345	0.366	0.338	0.336	8.96
8)	T	C291	1,1,2 Trichloro	0.114	0.142	0.130	0.131	0.119	0.127	8.62
9)	M	C045	1,1-Dichloroeth	0.355	0.366	0.348	0.356	0.332	0.351	3.59
10)	T	C255	Methyl Acetate	0.194	0.165	0.158	0.164	0.158	0.168	8.89
11)	M	C030	Methylene chlor	0.844	0.451	0.408	0.410	0.378	-----	
								L	M= 0.373	R^2=0.999
									B= 0.036	
12)	M	C040	Carbon disulfid	0.350	0.320	0.308	0.317	0.280	0.315	8.02
13)	T	C036	Acrolein	0.017	0.017	0.015	0.015	0.014	0.016	9.34
14)	M	C038	Acrylonitrile	0.076	0.075	0.073	0.073	0.068	0.073	4.13
15)	M	C035	Acetone	0.075	0.057	0.052	0.053	0.051	0.058	17.03
16)	T	C300	Acetonitrile	0.018	0.020	0.020	0.020	0.019	0.019	4.37
17)	M	C276	Iodomethane	0.200	0.208	0.204	0.205	0.188	0.201	3.91
18)	M	C962	T-butyl Methyl	0.923	0.897	0.872	0.883	0.826	0.880	4.06
19)	M	C057	trans-1,2-Dichl	0.429	0.431	0.406	0.410	0.369	0.409	6.06
20)	M	C050	1,1-Dichloroeth	0.837	0.829	0.790	0.807	0.742	0.801	4.71
21)	M	C125	Vinyl Acetate	0.618	0.588	0.588	0.596	0.537	0.585	5.05
22)	M	C051	2,2-Dichloropro	0.563	0.554	0.537	0.558	0.508	0.544	4.10
23)	M	C056	cis-1,2-Dichlor	0.460	0.463	0.439	0.451	0.413	0.445	4.55
24)	T	C272	Tetrahydrofuran	0.069	0.067	0.065	0.067	0.065	0.066	2.36
25)	M	C222	Bromochlorometh	0.154	0.157	0.154	0.160	0.150	0.155	2.45
26)	M	C060	Chloroform	0.763	0.711	0.682	0.703	0.658	0.704	5.59
27)	T	C256	Cyclohexane	0.434	0.486	0.474	0.478	0.432	0.461	5.59
)	S	CS87	Dibromofluorome	0.350	0.345	0.307	0.325	0.308	327	6.11
)	M	C115	1,1,1-Trichloro	0.553	0.586	0.569	0.584	0.541	0.567	3.46
30)	M	C120	Carbon Tetrachl	0.440	0.479	0.467	0.484	0.450	0.464	4.01
31)	M	C116	1,1-Dichloropro	0.624	0.629	0.611	0.631	0.573	0.614	3.90
32)	S	CS15	1,2-Dichloroeth	0.387	0.350	0.309	0.335	0.328	0.342	8.53
33)	M	C165	Benzene	2.092	1.988	1.922	1.968	1.778	1.950	5.87
34)	M	C065	1,2-Dichloroeth	0.467	0.448	0.436	0.457	0.429	0.447	3.47
35)	M	C110	2-Butanone	0.114	0.104	0.101	0.104	0.099	0.104	5.39
36)	M	C150	Trichloroethene	0.473	0.461	0.439	0.452	0.416	0.448	4.90
37)	M	C140	1,2-Dichloropro	0.548	0.523	0.503	0.518	0.479	0.514	4.98
38)	M	C278	Dibromomethane	0.176	0.176	0.170	0.179	0.169	0.174	2.41
39)	T	C012	Methylcyclohexa	0.547	0.600	0.604	0.610	0.551	0.582	5.23
40)	M	C130	Bromodichlorome	0.475	0.474	0.473	0.498	0.468	0.478	2.44
41)	T	C161	2-Chloroethylvi	0.236	0.225	0.227	0.228	0.206	0.224	4.97
42)	M	C230	Toluene	1.428	1.280	1.239	1.256	1.120	1.265	8.71
43)	M	C170	trans-1,3-Dichl	0.704	0.711	0.709	0.742	0.688	0.711	2.76
44)	M	C160	1,1,2-Trichloro	0.261	0.248	0.242	0.251	0.236	0.248	3.84
45)	M	C145	cis-1,3-Dichlor	0.538	0.538	0.548	0.581	0.542	0.549	3.30
46)	I	CI20	Chlorobenzene-D	----------ISTD----------						
47)	S	CS05	Toluene-D8	2.796	2.643	2.435	2.547	2.390	2.562	6.40
48)	T	C284	Ethyl Methacryl	0.643	0.660	0.687	0.737	0.719	0.689	5.71
49)	M	C220	Tetrachloroethe	0.661	0.632	0.618	0.641	0.587	0.628	4.43

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 N

Method : C:\MSDCHEM\1\METHODS\AFCEE25ML\A5I001745.M (RTE Integrator)
Title : AFCEE 25ML WATER
Last Update : Wed Jul 06 14:13:13 2005
Response via : Initial Calibration

Calibration Files
1 =N7564.D 2 =N7563.D 3 =N7562.D
4 =N7561.D 5 =N7560.D

			Compound	1	2	3	4	5	Avg	%RSD
50)	M	C221	1,3-Dichloropro	0.899	0.832	0.820	0.879	0.844	0.855	3.87
51)	M	C155	Dibromochlorome	0.375	0.383	0.393	0.432	0.414	0.399	5.87
52)	M	C163	1,2-Dibromoetha	0.388	0.373	0.365	0.398	0.381	0.381	3.39
53)	M	C215	2-Hexanone	0.247	0.258	0.260	0.280	0.275	0.264	4.99
54)	M	C235	Chlorobenzene	1.952	1.863	1.805	1.863	1.702	1.837	5.01
55)	M	D001	1-Chlorohexane	1.077	1.079	1.077	1.091	0.980	1.061	4.31
56)	M	C281	1,1,1,2-Tetrach	0.517	0.505	0.492	0.506	0.459	0.496	4.53
57)	M	C240	Ethylbenzene	4.470	3.508	3.353	3.407	3.024	3.553	15.31
58)	M	C246	m,p-Xylene	1.726	1.362	1.298	1.288	1.114	1.358	16.60
59)	M	C247	o-Xylene	1.656	1.274	1.213	1.218	1.097	1.292	16.55
60)	M	C245	Styrene	2.105	2.103	2.062	2.118	1.914	2.060	4.09
61)	M	C180	Bromoform	0.131	0.153	0.161	0.182	0.179	0.161	13.01
62)	S	CS10	p-Bromofluorobe	0.605	0.597	0.539	0.580	0.559	0.576	4.76
63)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
64)	M	C210	4-Methyl-2-pent	1.059	0.919	0.925	0.966	0.900	0.954	6.67
65)	M	C966	Isopropylbenzen	7.823	7.119	6.868	7.045	6.137	6.998	8.62
66)	M	C301	Bromobenzene	1.672	1.497	1.479	1.540	1.380	1.514	7.02
67)	M	C225	1,1,2,2-Tetrach	1.067	1.024	0.989	1.062	0.990	1.026	3.63
68)	M	C282	1,2,3-Trichloro	0.314	0.272	0.270	0.287	0.265	0.282	7.03
69)	M	C283	t-1,4-Dichloro-	0.106	0.111	0.117	0.129	0.119	0.116	7.46
70)	M	C302	n-Propylbenzene	9.991	9.228	9.033	9.249	8.005	9.101	7.84
71)	M	C303	2-Chlorotoluene	1.723	1.645	1.612	1.640	1.449	1.614	6.27
72)	M	C289	4-Chlorotoluene	1.853	1.710	1.675	1.720	1.510	1.693	7.27
73)	M	C304	1,3,5-Trimethyl	6.809	6.333	6.076	6.199	5.411	6.166	8.19
74)	M	C306	tert-Butylbenze	1.343	1.255	1.190	1.194	1.036	1.203	9.33
75)	M	C307	1,2,4-Trimethyl	6.780	6.316	6.094	6.192	5.457	6.168	7.72
76)	M	C308	sec-Butylbenzen	8.546	7.943	7.645	7.690	6.688	7.702	8.71
77)	M	C260	1,3-Dichloroben	3.202	3.000	2.850	2.845	2.437	2.867	9.80
78)	M	C309	4-Isopropyltolu	6.562	6.337	6.024	5.993	5.046	5.992	9.66
79)	M	C267	1,4-Dichloroben	3.191	2.979	2.889	2.971	2.657	2.937	6.55
80)	M	C249	1,2-Dichloroben	2.609	2.507	2.394	2.462	2.230	2.440	5.79
81)	M	C310	n-Butylbenzene	6.143	6.131	5.919	6.028	5.318	5.908	5.79
82)	M	C286	1,2-Dibromo-3-C	0.100	0.111	0.110	0.123	0.121	0.113	8.29
83)	M	C313	1,2,4-Trichloro	1.714	1.527	1.472	1.550	1.446	1.542	6.80
84)	M	C316	Hexachlorobutad	0.989	0.843	0.802	0.823	0.736	0.839	11.12
85)	M	C314	Naphthalene	2.531	2.423	2.353	2.534	2.463	2.461	3.10
86)	M	C934	1,2,3-Trichloro	1.416	1.228	1.159	1.227	1.154	1.237	8.61

Total Average %RSD 6.59□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005 Calibration ID: A5I0001745

2nd Source ID: A5S0000129 CCV #1 ID: A5C0004487 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	241	-3.6	250.00	234	-6.4			
BROMOMETHANE	250.00	255	2.0	250.00	246	-1.6			
VINYL CHLORIDE	250.00	250	0.0	250.00	247	-1.2			
BROMOCHLOROMETHANE	250.00	250	0.0	250.00	252	0.8			
CHLOROETHANE	250.00	253	1.2	250.00	252	0.8			
METHYLENE CHLORIDE	250.00	248	-0.8	250.00	248	-0.8			
ACETONE	1250.00	1080	-13.6	1250.00	1100	-12.0			
CARBON DISULFIDE	250.00	230	-8.0	250.00	198	-20.8			
1,1-DICHLOROETHENE	250.00	249	-0.4	250.00	247	-1.2			
1,1-DICHLOROETHANE	250.00	251	0.4	250.00	251	0.4			
METHYLCYCLOHEXANE	250.00	245	-2.0	250.00	216	-13.6			
1-CHLOROHEXANE	250.00	248	-0.8	250.00	228	-8.8			
cis-1,2-DICHLOROETHYLENE	250.00	252	0.8	250.00	251	0.4			
trans-1,2-DICHLOROETHENE	250.00	250	0.0	250.00	245	-2.0			
CHLOROFORM	250.00	247	-1.2	250.00	249	-0.4			
1,2-DICHLOROETHANE	250.00	251	0.4	250.00	250	0.0			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1230	-1.6	1250.00	1220	-2.4			
1,1,1-TRICHLOROETHANE	250.00	253	1.2	250.00	250	0.0			
CARBON TETRACHLORIDE	250.00	256	2.4	250.00	247	-1.2			
BROMODICHLOROMETHANE	250.00	255	2.0	250.00	251	0.4			
1,2-DICHLOROPROPANE	250.00	251	0.4	250.00	251	0.4			
cis-1,3-DICHLOROPROPENE	250.00	258	3.2	250.00	253	1.2			
TRICHLOROETHYLENE (TCE)	250.00	250	0.0	250.00	246	-1.6			
DIBROMOCHLOROMETHANE	250.00	253	1.2	250.00	248	-0.8			
1,1,2-TRICHLOROETHANE	250.00	250	0.0	250.00	252	0.8			
BENZENE	250.00	251	0.4	250.00	248	-0.8			
trans-1,3-DICHLOROPROPENE	250.00	258	3.2	250.00	252	0.8			
BROMOFORM	250.00	258	3.2	250.00	247	-1.2			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1230	-1.6	1250.00	1210	-3.2			
2-HEXANONE	1250.00	1250	0.0	1250.00	1240	-0.8			
TETRACHLOROETHYLENE(PCE)	250.00	250	0.0	250.00	245	-2.0			

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AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005 Calibration ID: A5I0001745

2nd Source ID: A5S0000129 CCV #1 ID: A5C0004487 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
1,1,2,2-TETRACHLOROETHANE	250.00	249	-0.4	250.00	254	1.6			
TOLUENE	250.00	250	0.0	250.00	249	-0.4			
CHLOROBENZENE	250.00	251	0.4	250.00	250	0.0			
ETHYLBENZENE	250.00	241	-3.6	250.00	240	-4.0			
STYRENE	250.00	257	2.8	250.00	257	2.8			
XYLENES,TOTAL	750.00	725	-3.3	750.00	723	-3.6			
1,1,1,2-TETRACHLOROETHANE	250.00	257	2.8	250.00	256	2.4			
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	250.00	251	0.4	250.00	234	-6.4			
1,1-DICHLOROPROPENE	250.00	252	0.8	250.00	247	-1.2			
1,2,3-TRICHLOROBENZENE	250.00	247	-1.2	250.00	233	-6.8			
1,2,3-TRICHLOROPROPANE	250.00	250	0.0	250.00	257	2.8			
1,2,4-TRICHLOROBENZENE	250.00	250	0.0	250.00	243	-2.8			
1,2,4-TRIMETHYLBENZENE	250.00	251	0.4	250.00	250	0.0			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	260	4.0	250.00	248	-0.8			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	249	-0.4	250.00	248	-0.8			
1,2-DICHLOROBENZENE	250.00	251	0.4	250.00	253	1.2			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	251	0.4	250.00	249	-0.4			
1,3-DICHLOROBENZENE	250.00	253	1.2	250.00	253	1.2			
1,3-DICHLOROPROPANE	250.00	252	0.8	250.00	251	0.4			
1,4-DICHLOROBENZENE	250.00	251	0.4	250.00	250	0.0			
2,2-DICHLOROPROPANE	250.00	256	2.4	250.00	250	0.0			
2-CHLOROTOLUENE	250.00	254	1.6	250.00	252	0.8			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	256	2.4	250.00	254	1.6			
BROMOBENZENE	250.00	250	0.0	250.00	248	-0.8			
CYCLOHEXANE	250.00	248	-0.8	250.00	216	-13.6			
DIBROMOMETHANE	250.00	250	0.0	250.00	250	0.0			
DICHLORODIFLUOROMETHANE	250.00	252	0.8	250.00	248	-0.8			
METHYL ACETATE	250.00	246	-1.6	250.00	237	-5.2			
NAPHTHALENE	250.00	253	1.2	250.00	243	-2.8			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	239	-4.4	250.00	239	-4.4			
TRICHLOROFLUOROMETHANE	250.00	259	3.6	250.00	242	-3.2			

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005 Calibration ID: A5I0001745

2nd Source ID: A5S0000129 CCV #1 ID: A5C0004487 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
n-BUTYLBENZENE	250.00	256	2.4	250.00	254	1.6			
n-PROPYLBENZENE	250.00	252	0.8	250.00	251	0.4			
4-CHLOROTOLUENE	250.00	251	0.4	250.00	250	0.0			
SEC-BUTYLBENZENE	250.00	252	0.8	250.00	251	0.4			
tert-BUTYL METHYL ETHER	250.00	253	1.2	250.00	246	-1.6			
t-BUTYLBENZENE	250.00	250	0.0	250.00	248	-0.8			
HEXACHLOROBUTADIENE	250.00	247	-1.2	250.00	239	-4.4			
ISOPROPYLBENZENE (CUMENE)	250.00	250	0.0	250.00	247	-1.2			
M,P-XYLENE(SUM OF ISOMERS)	500.00	486	-2.8	500.00	484	-3.2			

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Date of Calibration: 6-Jul-2005

SPCC #1 ID: A510001745 SPCC #2 ID: A5C0004487 SPCC #3 ID: _____

CCC #1 ID: A5C0004487 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.3820	0.1000	0.3581	0.1000									
VINYL CHLORIDE							250.00	247	1.2				
1,1-DICHLOROETHENE							250.00	247	1.2				
1,1-DICHLOROETHANE	0.8010	0.1000	0.8059	0.1000									
CHLOROFORM							250.00	249	0.4				
1,2-DICHLOROPROPANE							250.00	251	0.4				
BROMOFORM	0.1610	0.1000	0.1591	0.1000									
1,1,2,2-TETRACHLOROETHANE	1.0270	0.3000	1.0441	0.3000									
TOLUENE							250.00	249	0.4				
CHLOROBENZENE	1.8370	0.3000	1.8370	0.3000									
ETHYLBENZENE							250.00	240	4.0				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B1021902

Initial Calibration ID: A5I0001745

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.11	0.50	
1,1,1-TRICHLOROETHANE	0.19	1.0	
1,1,2,2-TETRACHLOROETHANE	0.11	0.50	
1,1,2-TRICHLOROETHANE	0.12	1.0	
1,1-DICHLOROETHANE	0.16	1.0	
1,1-DICHLOROETHENE	0.12	1.0	
1,1-DICHLOROPROPENE	0.14	1.0	
1,2,3-TRICHLOROBENZENE	0.20	1.0	
1,2,3-TRICHLOROPROPANE	0.21	1.0	
1,2,4-TRICHLOROBENZENE	0.14	1.0	
1,2,4-TRIMETHYLBENZENE	0.23	1.0	
1,2-DICHLOROETHANE	0.12	0.50	
1,2-DICHLOROBENZENE	0.14	1.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.22	2.0	
1,2-DICHLOROPROPANE	0.12	1.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.14	1.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.25	1.0	
1,3-DICHLOROBENZENE	0.13	1.0	
1,3-DICHLOROPROPANE	0.12	0.50	
1,4-DICHLOROBENZENE	0.14	0.50	
1-CHLOROHEXANE	0.14	1.0	
2,2-DICHLOROPROPANE	0.27	1.0	
2-CHLOROTOLUENE	0.25	1.0	
4-CHLOROTOLUENE	0.20	1.0	
ACETONE	1.3	10	
BENZENE	0.15	0.50	
BROMOBENZENE	0.16	1.0	
BROMOCHLOROMETHANE	0.14	1.0	
BROMODICHLOROMETHANE	0.11	0.50	
BROMOFORM	0.083	1.0	
BROMOMETHANE	0.13	3.0	
CARBON TETRACHLORIDE	0.18	1.0	
CHLOROBENZENE	0.14	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/L Method Blank ID: A5B1021902

Initial Calibration ID: A5I0001745

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.14	1.0	
CHLOROFORM	0.16	0.50	
CHLOROMETHANE	0.21	1.0	
cis-1,2-DICHLOROETHYLENE	0.14	1.0	
cis-1,3-DICHLOROPROPENE	0.10	0.50	
DIBROMOCHLOROMETHANE	0.10	0.50	
DIBROMOMETHANE	0.12	1.0	
DICHLORODIFLUOROMETHANE	0.22	1.0	
ETHYLBENZENE	0.14	1.0	
HEXACHLOROBUTADIENE	0.23	0.60	
ISOPROPYLBENZENE (CUMENE)	0.25	1.0	
METHYLENE CHLORIDE	0.22	1.0	
tert-BUTYL METHYL ETHER	0.094	5.0	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	10	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	1.4	10	
n-BUTYLBENZENE	0.22	1.0	
n-PROPYLBENZENE	0.21	1.0	
M,P-XYLENE(SUM OF ISOMERS)	0.34	2.0	
NAPHTHALENE	0.11	1.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.16	1.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	1.0	
SEC-BUTYLBENZENE	0.25	1.0	
STYRENE	0.12	1.0	
TRICHLOROETHYLENE (TCE)	0.16	1.0	
t-BUTYLBENZENE	0.21	1.0	
TETRACHLOROETHYLENE(PCE)	0.18	1.0	
TOLUENE	0.17	1.0	
trans-1,2-DICHLOROETHENE	0.12	1.0	
trans-1,3-DICHLOROPROPENE	0.10	1.0	
TRICHLOROFLUOROMETHANE	0.14	1.0	
VINYL CHLORIDE	0.19	1.0	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.14	0.50	
CARBON DISULFIDE	0.11	0.50	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98
AAB #: A5B10219
Lab Name: STL Buffalo
Contract #: _____
Concentration Units (ug/L or mg/kg): UG/L
Method Blank ID: A5B1021902
Initial Calibration ID: A5I0001745

Analyte	Method Blank	RL	Q
METHYL ACETATE	0.076	0.50	
CYCLOHEXANE	0.051	0.50	
METHYLCYCLOHEXANE	0.091	0.50	
2-HEXANONE	0.49	2.5	
XYLENES,TOTAL	0.51	1.5	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	98	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	76 - 119	
1,2-DICHLOROETHANE-d4	93	72 - 119	
DIBROMOFLUOROMETHANE	96	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1374130	759696 - 3038782	
CHLOROBENZENE-d5	918168	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	357777	204988 - 819952	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B1021901 Units: UG/L

Initial Calibration ID: A5I0001745

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	50.0	43.8	88	40 - 135	
BENZENE	10.0	9.75	98	81 - 122	
BROMOBENZENE	10.0	9.81	98	76 - 124	
BROMOCHLOROMETHANE	10.0	9.80	98	65 - 129	
BROMODICHLOROMETHANE	10.0	9.95	100	76 - 121	
BROMOFORM	10.0	10.1	101	69 - 128	
BROMOMETHANE	10.0	9.56	96	53 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	50.0	49.3	99	49 - 136	
n-BUTYLBENZENE	10.0	10.2	102	69 - 137	
SEC-BUTYLBENZENE	10.0	10.0	101	72 - 127	
t-BUTYLBENZENE	10.0	10.0	100	70 - 129	
CARBON DISULFIDE	10.0	8.32	83	59 - 134	
CARBON TETRACHLORIDE	10.0	9.95	100	66 - 138	
CHLOROBENZENE	10.0	9.86	99	81 - 122	
CHLOROETHANE	10.0	9.98	100	58 - 133	
CHLOROFORM	10.0	9.81	98	69 - 128	
CHLOROMETHANE	10.0	9.08	91	56 - 131	
2-CHLOROTOLUENE	10.0	10.0	100	73 - 126	
4-CHLOROTOLUENE	10.0	9.96	100	74 - 128	
CYCLOHEXANE	10.0	9.02	90	60 - 140	
DIBROMOCHLOROMETHANE	10.0	9.89	99	66 - 133	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	9.99	100	50 - 132	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	10.0	9.79	98	80 - 121	
DIBROMOMETHANE	10.0	9.81	98	76 - 125	
1,2-DICHLOROBENZENE	10.0	10.0	100	71 - 122	
1,3-DICHLOROBENZENE	10.0	10.0	101	75 - 124	
1,4-DICHLOROBENZENE	10.0	9.95	100	74 - 123	
DICHLORODIFLUOROMETHANE	10.0	9.78	98	53 - 153	
1,1-DICHLOROETHANE	10.0	9.87	99	69 - 133	
1,2-DICHLOROETHANE	10.0	9.86	99	69 - 132	
1,1-DICHLOROETHENE	10.0	9.65	96	68 - 130	
cis-1,2-DICHLOROETHYLENE	10.0	9.91	99	72 - 126	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B1021901 Units: UG/L

Initial Calibration ID: A5I0001745

Analyte	Expected	Found	%R	Control Limits	Q
trans-1,2-DICHLOROETHENE	10.0	9.75	98	63 - 137	
1,2-DICHLOROPROPANE	10.0	9.86	99	75 - 125	
1,3-DICHLOROPROPANE	10.0	9.77	98	73 - 126	
2,2-DICHLOROPROPANE	10.0	10.0	100	69 - 137	
1,1-DICHLOROPROPENE	10.0	9.76	98	73 - 132	
cis-1,3-DICHLOROPROPENE	10.0	9.94	99	69 - 131	
trans-1,3-DICHLOROPROPENE	10.0	10.0	100	59 - 135	
ETHYLBENZENE	10.0	9.47	95	73 - 127	
2-HEXANONE	50.0	50.7	101	65 - 127	
HEXACHLOROBUTADIENE	10.0	9.86	99	67 - 131	
ISOPROPYLBENZENE (CUMENE)	10.0	9.87	99	75 - 127	
P-CYMENE (p-ISOPROPYLTOLUENE)	10.0	10.2	102	73 - 130	
METHYL ACETATE	10.0	9.58	96	60 - 150	
METHYLCYCLOHEXANE	10.0	9.08	91	60 - 140	
METHYLENE CHLORIDE	10.0	9.75	98	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	50.0	49.1	98	58 - 134	
NAPHTHALENE	10.0	9.64	96	54 - 138	
n-PROPYLBENZENE	10.0	10.0	100	72 - 129	
STYRENE	10.0	10.0	100	65 - 134	
1,1,1,2-TETRACHLOROETHANE	10.0	10.1	101	81 - 129	
1,1,2,2-TETRACHLOROETHANE	10.0	10.0	100	63 - 128	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	10.0	10.2	103	60 - 140	
TETRACHLOROETHYLENE(PCE)	10.0	9.84	98	66 - 128	
TOLUENE	10.0	9.75	98	77 - 122	
1,2,3-TRICHLOROBENZENE	10.0	9.45	92	67 - 137	
1,2,4-TRICHLOROBENZENE	10.0	9.70	97	66 - 134	
1,1,1-TRICHLOROETHANE	10.0	10.0	100	67 - 132	
1,1,2-TRICHLOROETHANE	10.0	9.86	99	75 - 125	
TRICHLOROETHYLENE (TCE)	10.0	9.74	97	70 - 127	
TRICHLOROFLUOROMETHANE	10.0	10.1	101	57 - 129	
1,2,3-TRICHLOROPROPANE	10.0	10.0	101	73 - 124	
1,2,4-TRIMETHYLBENZENE	10.0	9.93	99	74 - 132	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B1021901 Units: UG/L

Initial Calibration ID: A5I0001745

Analyte	Expected	Found	%R	Control Limits	Q
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	10.0	9.98	100	74 - 131	
VINYL CHLORIDE	10.0	9.52	95	50 - 134	
XYLENES,TOTAL	30.0	28.6	95	76 - 128	
tert-BUTYL METHYL ETHER	10.0	10.1	101	65 - 123	
1-CHLOROHEXANE	10.0	9.42	94	70 - 125	
O-XYLENE (1,2-DIMETHYLBENZENE)	10.0	9.38	94	80 - 121	
M,P-XYLENE(SUM OF ISOMERS)	20.0	19.2	96	76 - 128	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	99	81 - 120	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	98	76 - 119	
1,2-DICHLOROETHANE-d4	94	72 - 119	
DIBROMOFLUOROMETHANE	98	85 - 115	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	1415956	759696 - 3038782	
CHLOROBENZENE-d5	944483	511357 - 2045426	
1,4-DICHLOROBENZENE-d4	382358	204988 - 819952	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98 AAB#: A5B10219

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
062705AE	27-Jun-2005	28-Jun-2005	6-Jul-2005	14.00	9.00	6-Jul-2005	14.00	9.00	
062705AF	27-Jun-2005	28-Jun-2005	7-Jul-2005	14.00	10.00	7-Jul-2005	14.00	10.00	
062705AR	27-Jun-2005	28-Jun-2005	6-Jul-2005	14.00	9.00	6-Jul-2005	14.00	9.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B10219

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973N

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0004487	06-Jul-2005	2202	06-Jul-2005	2226
msb17	06-Jul-2005	2227	06-Jul-2005	2250
VBLK17	06-Jul-2005	2251	06-Jul-2005	2321
062705AR	06-Jul-2005	2322	06-Jul-2005	2344
062705AE	06-Jul-2005	2345	07-Jul-2005	0008
062705AF	07-Jul-2005	0009	07-Jul-2005	0032
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0033	07-Jul-2005	0055
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0056	07-Jul-2005	0118
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0119	07-Jul-2005	0142
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0143	07-Jul-2005	0205
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0206	07-Jul-2005	0229
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0230	07-Jul-2005	0253
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0254	07-Jul-2005	0317
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0318	07-Jul-2005	0340
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0341	07-Jul-2005	0404
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0405	07-Jul-2005	0428
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0429	07-Jul-2005	0452
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0453	07-Jul-2005	0515
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0516	07-Jul-2005	0539
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0540	07-Jul-2005	0603
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0604	07-Jul-2005	0627
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0628	07-Jul-2005	0650
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0651	07-Jul-2005	0714
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0715	07-Jul-2005	0738
ZZZZZZZZZZZZZZZZZZZZ	07-Jul-2005	0739	07-Jul-2005	0802

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 6-Jul-2005 09:16

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	16.9	
75	30.0 - 60.0% of mass 95	46.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	64.4	
175	5.0 - 9.0% of mass 174	4.6 (7.2) 1	
176	95.0 - 101.0% of mass 174	63.6 (98.8) 1	
177	5.0 - 9.0% of mass 176	3.9 (6.2) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	06-Jul-2005	1217
VSTD020	06-Jul-2005	1241
VSTD010	06-Jul-2005	1305
VSTD004	06-Jul-2005	1328
VSTD0.5	06-Jul-2005	1352
VSTD010	06-Jul-2005	1453

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B10219

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973N Compound: BFB Injection Date/Time: 6-Jul-2005 21:35

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	16.4	
75	30.0 - 60.0% of mass 95	45.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.1 (0.2) 1	
174	50 - 120 % of mass 95	65.5	
175	5.0 - 9.0% of mass 174	5.0 (7.6) 1	
176	95.0 - 101.0% of mass 174	63.7 (97.3) 1	
177	5.0 - 9.0% of mass 176	4.3 (6.8) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	06-Jul-2005	2202
msb17	06-Jul-2005	2227
VBLK17	06-Jul-2005	2251
062705AR	06-Jul-2005	2322
062705AE	06-Jul-2005	2345
062705AF	07-Jul-2005	0009

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
B43SSABC	A5667707
B43SSABG	A5667708
B43SSAEC	A5667705
B43SSAEG	A5667706
B43SSASC	A5667703
B43SSASG	A5667704
B43SSAWC	A5667701
B43SSAWG	A5667702
B43SSBBC	A5667713
B43SSBBG	A5667714
B43SSBEC	A5667717
B43SSBEG	A5667718
B43SSBNC	A5667711
B43SSBNG	A5667712
B43SSBSC	A5667715
B43SSBWG	A5667710

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: John Schove

Date: 8/12/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABC Lab Sample ID: A5667707 Matrix: SOIL

% Solids: 94.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.20	2.9	0.20	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.9	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.9	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.9	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.9	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.9	0.83	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.9	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.098	2.9	0.098	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.9	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.9	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.9	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.9	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.9	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.9	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.9	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.9	0.31	1.00	N/A	U
ACETONE	3.6	49	5.0	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.34	4.9	0.34	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.9	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.21	1.9	0.21	1.00	N/A	U
BROMOFORM	0.55	5.8	0.55	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABC Lab Sample ID: A5667707 Matrix: SOIL

% Solids: 94.5 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.9	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.28	4.9	0.28	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.9	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.45	2.9	0.45	1.00	N/A	U
DIBROMOMETHANE	0.31	4.9	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.9	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.9	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.9	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.9	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.3	4.9	10	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.9	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.9	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.9	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.9	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.9	0.22	1.00	N/A	U
STYRENE	0.17	4.9	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.9	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.9	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.9	0.26	1.00	N/A	U
TOLUENE	0.38	4.9	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABC Lab Sample ID: A5667707 Matrix: SOIL

% Solids: 94.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.9	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.9	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
VINYL CHLORIDE	0.16	4.9	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.9	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.9	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.9	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.9	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.24	4.9	0.24	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	84 - 118	
1,2-DICHLOROETHANE-d4	98	52 - 149	
DIBROMOFLUOROMETHANE	99	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	353249	231473 - 925892	
CHLOROBENZENE-d5	137373	88160 - 352640	
1,4-DICHLOROBENZENE-d4	118886	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABG Lab Sample ID: A5667708 Matrix: SOIL

% Solids: 94.8 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.20	2.9	0.20	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.9	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.9	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.9	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.9	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.9	0.83	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.9	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.098	2.9	0.098	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.9	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.9	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.9	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.9	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.9	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.9	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.9	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.9	0.31	1.00	N/A	U
ACETONE	3.6	49	4.1	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.34	4.9	0.34	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.9	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.21	1.9	0.21	1.00	N/A	U
BROMOFORM	0.55	5.8	0.55	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABG Lab Sample ID: A5667708 Matrix: SOIL

% Solids: 94.8 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.9	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.28	4.9	0.28	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.9	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.45	2.9	0.45	1.00	N/A	U
DIBROMOMETHANE	0.31	4.9	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.9	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.9	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.9	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.9	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.3	4.9	3.5	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.9	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.9	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.9	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.9	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.9	0.22	1.00	N/A	U
STYRENE	0.17	4.9	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.9	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.9	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.9	0.26	1.00	N/A	U
TOLUENE	0.38	4.9	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSABG Lab Sample ID: A5667708 Matrix: SOIL

% Solids: 94.8 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.9	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.9	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
VINYL CHLORIDE	0.16	4.9	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.9	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.9	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.9	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.9	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.24	4.9	0.24	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	103	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	84 - 118	
1,2-DICHLOROETHANE-d4	96	52 - 149	
DIBROMOFLUOROMETHANE	99	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	366159	231473 - 925892	
CHLOROBENZENE-d5	145223	88160 - 352640	
1,4-DICHLOROBENZENE-d4	119674	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEC Lab Sample ID: A5667705 Matrix: SOIL

% Solids: 87.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.7	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.8	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.7	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.7	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.095	2.8	0.095	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.5	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.7	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.7	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.7	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.7	0.31	1.00	N/A	U
ACETONE	3.6	47	3.8	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.7	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.7	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEC Lab Sample ID: A5667705 Matrix: SOIL

% Solids: 87.3 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.7	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.8	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.7	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.8	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.7	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	12	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.7	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEC Lab Sample ID: A5667705 Matrix: SOIL

% Solids: 87.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.7	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.7	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.7	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	111	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	99	52 - 149	
DIBROMOFLUOROMETHANE	103	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	374212	231473 - 925892	
CHLOROBENZENE-d5	145060	88160 - 352640	
1,4-DICHLOROBENZENE-d4	123580	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEG Lab Sample ID: A5667706 Matrix: SOIL

% Solids: 85.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.20	2.9	0.20	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.9	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.9	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.9	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.24	4.9	0.24	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.83	4.9	0.83	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.63	4.9	0.63	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,2-DICHLOROETHANE	0.098	2.9	0.098	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.9	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.8	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.9	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.9	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.9	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	2.0	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	2.0	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.9	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.9	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.9	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.32	4.9	0.32	1.00	N/A	U
ACETONE	3.6	49	3.7	1.00	N/A	F
BENZENE	0.12	2.0	0.12	1.00	N/A	U
BROMOBENZENE	0.34	4.9	0.34	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.9	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.21	2.0	0.21	1.00	N/A	U
BROMOFORM	0.55	5.8	0.55	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEG Lab Sample ID: A5667706 Matrix: SOIL

% Solids: 85.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.8	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.9	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	2.0	0.20	1.00	N/A	U
CHLOROETHANE	0.28	4.9	0.28	1.00	N/A	U
CHLOROFORM	0.22	2.0	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.9	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.45	2.9	0.45	1.00	N/A	U
DIBROMOMETHANE	0.31	4.9	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.9	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.9	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.26	4.9	0.26	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.9	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.3	4.9	16	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	20	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	20	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	20	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.9	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.9	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.9	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.9	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.9	0.22	1.00	N/A	U
STYRENE	0.17	4.9	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.9	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.9	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.9	0.26	1.00	N/A	U
TOLUENE	0.38	4.9	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAEG Lab Sample ID: A5667706 Matrix: SOIL

% Solids: 85.0 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.9	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.9	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.28	4.9	0.28	1.00	N/A	U
VINYL CHLORIDE	0.16	4.9	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.9	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.9	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.9	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.9	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.24	4.9	0.24	1.00	N/A	U
2-HEXANONE	0.88	20	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	15	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	108	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	94	84 - 118	
1,2-DICHLOROETHANE-d4	100	52 - 149	
DIBROMOFLUOROMETHANE	100	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	363901	231473 - 925892	
CHLOROBENZENE-d5	140460	88160 - 352640	
1,4-DICHLOROBENZENE-d4	122075	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASC Lab Sample ID: A5667703 Matrix: SOIL

% Solids: 94.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.7	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.22	4.7	0.22	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.80	4.7	0.80	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.60	4.7	0.60	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.094	2.8	0.094	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.61	9.3	0.61	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.7	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.7	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.7	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.7	0.30	1.00	N/A	U
ACETONE	3.5	47	36	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.7	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.45	4.7	0.45	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.52	5.6	0.52	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASC Lab Sample ID: A5667703 Matrix: SOIL

% Solids: 94.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.67	9.3	0.67	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.19	1.9	0.19	1.00	N/A	U
CHLOROETHANE	0.26	4.7	0.26	1.00	N/A	U
CHLOROFORM	0.21	1.9	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.43	2.8	0.43	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.7	0.24	1.00	N/A	U
ETHYLBENZENE	0.099	4.7	0.099	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.7	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.44	4.7	0.44	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	6.0	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.81	19	0.81	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.7	0.19	1.00	N/A	U
NAPHTHALENE	0.39	4.7	0.39	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.17	5.6	0.17	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASC Lab Sample ID: A5667703 Matrix: SOIL

% Solids: 94.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.26	4.7	0.26	1.00	N/A	U
VINYL CHLORIDE	0.15	4.7	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.33	4.7	0.33	1.00	N/A	U
CARBON DISULFIDE	0.15	4.7	0.15	1.00	N/A	U
METHYL ACETATE	0.37	4.7	0.37	1.00	N/A	U
CYCLOHEXANE	0.25	4.7	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.84	19	0.84	1.00	N/A	U
XYLENES,TOTAL	0.96	14	0.96	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	93	52 - 149	
DIBROMOFLUOROMETHANE	97	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	394803	231473 - 925892	
CHLOROBENZENE-d5	149344	88160 - 352640	
1,4-DICHLOROBENZENE-d4	131641	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASG Lab Sample ID: A5667704 Matrix: SOIL

% Solids: 86.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.5	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.8	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASG Lab Sample ID: A5667704 Matrix: SOIL

% Solids: 86.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	17	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.8	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.37	4.8	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSASG Lab Sample ID: A5667704 Matrix: SOIL

% Solids: 86.5 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.8	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	105	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	91	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	95	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	406161	231473 - 925892	
CHLOROBENZENE-d5	156286	88160 - 352640	
1,4-DICHLOROBENZENE-d4	134885	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWC Lab Sample ID: A5667701 Matrix: SOIL

% Solids: 90.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	4.4	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWC Lab Sample ID: A5667701 Matrix: SOIL

% Solids: 90.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	5.1	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.84	19	1.8	1.00	N/A	F
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWC Lab Sample ID: A5667701 Matrix: SOIL

% Solids: 90.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.87	19	0.87	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	96	52 - 149	
DIBROMOFLUOROMETHANE	98	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	435228	231473 - 925892	
CHLOROBENZENE-d5	168506	88160 - 352640	
1,4-DICHLOROBENZENE-d4	146266	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWG Lab Sample ID: A5667702 Matrix: SOIL

% Solids: 88.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWG Lab Sample ID: A5667702 Matrix: SOIL

% Solids: 88.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	7.4	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.84	19	0.84	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSAWG Lab Sample ID: A5667702 Matrix: SOIL

% Solids: 88.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.87	19	0.87	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	104	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	418652	231473 - 925892	
CHLOROBENZENE-d5	162694	88160 - 352640	
1,4-DICHLOROBENZENE-d4	139667	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBC Lab Sample ID: A5667713 Matrix: SOIL

% Solids: 86.7 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.7	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.80	4.7	0.80	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.60	4.7	0.60	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.094	2.8	0.094	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.4	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.7	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.7	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.7	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.7	0.30	1.00	N/A	U
ACETONE	3.5	47	6.6	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.7	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.6	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBC Lab Sample ID: A5667713 Matrix: SOIL

% Solids: 86.7 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.4	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.21	1.9	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.43	2.8	0.43	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.7	0.24	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.7	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	10	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	1.5	1.00	N/A	F
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.82	19	0.82	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.7	0.19	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.6	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	11	1.00	N/A	
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBC Lab Sample ID: A5667713 Matrix: SOIL

% Solids: 86.7 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.15	4.7	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.15	4.7	0.15	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.25	4.7	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.85	19	0.85	1.00	N/A	U
XYLENES,TOTAL	0.97	14	0.97	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	101	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	100	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	350549	231473 - 925892	
CHLOROBENZENE-d5	146796	88160 - 352640	
1,4-DICHLOROBENZENE-d4	140709	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBG Lab Sample ID: A5667714 Matrix: SOIL

% Solids: 87.1 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.18	2.8	0.18	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.6	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.6	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.6	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.22	4.6	0.22	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.22	4.6	0.22	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.79	4.6	0.79	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.59	4.6	0.59	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.20	5.6	0.20	1.00	N/A	U
1,2-DICHLOROETHANE	0.093	2.8	0.093	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.6	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.61	9.2	0.61	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.6	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.6	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.6	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.8	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.8	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.6	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.6	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.6	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.6	0.30	1.00	N/A	U
ACETONE	3.5	46	4.3	1.00	N/A	F
BENZENE	0.11	1.8	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.6	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.45	4.6	0.45	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.8	0.20	1.00	N/A	U
BROMOFORM	0.52	5.6	0.52	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBG Lab Sample ID: A5667714 Matrix: SOIL

% Solids: 87.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.66	9.2	0.66	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.6	0.16	1.00	N/A	U
CHLOROBENZENE	0.19	1.8	0.19	1.00	N/A	U
CHLOROETHANE	0.26	4.6	0.26	1.00	N/A	U
CHLOROFORM	0.21	1.8	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.6	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.31	4.6	0.31	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.22	2.8	0.22	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.42	2.8	0.42	1.00	N/A	U
DIBROMOMETHANE	0.29	4.6	0.29	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.6	0.24	1.00	N/A	U
ETHYLBENZENE	0.099	4.6	0.099	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.6	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.44	4.6	0.44	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.6	4.0	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	18	1.2	1.00	N/A	F
METHYL ETHYL KETONE (2-BUTANONE)	1.1	18	1.1	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.81	18	0.81	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.6	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.6	0.19	1.00	N/A	U
NAPHTHALENE	0.39	4.6	0.39	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.6	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.17	5.6	0.17	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.6	0.21	1.00	N/A	U
STYRENE	0.16	4.6	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.6	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.6	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.24	4.6	0.24	1.00	N/A	U
TOLUENE	0.36	4.6	0.36	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBBG Lab Sample ID: A5667714 Matrix: SOIL

% Solids: 87.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.6	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.6	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.26	4.6	0.26	1.00	N/A	U
VINYL CHLORIDE	0.15	4.6	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.33	4.6	0.33	1.00	N/A	U
CARBON DISULFIDE	0.15	4.6	0.15	1.00	N/A	U
METHYL ACETATE	0.37	4.6	0.37	1.00	N/A	U
CYCLOHEXANE	0.25	4.6	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.22	4.6	0.22	1.00	N/A	U
2-HEXANONE	0.84	18	0.84	1.00	N/A	U
XYLENES,TOTAL	0.96	14	0.96	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	104	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	100	84 - 118	
1,2-DICHLOROETHANE-d4	99	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	372735	231473 - 925892	
CHLOROBENZENE-d5	151517	88160 - 352640	
1,4-DICHLOROBENZENE-d4	148475	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEC Lab Sample ID: A5667717 Matrix: SOIL

% Solids: 88.7 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	6.9	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEC Lab Sample ID: A5667717 Matrix: SOIL

% Solids: 88.7 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	7.7	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	2.4	1.00	N/A	F
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.84	19	0.84	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEC Lab Sample ID: A5667717 Matrix: SOIL

% Solids: 88.7 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.87	19	0.87	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	103	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	97	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	348199	231473 - 925892	
CHLOROBENZENE-d5	140099	88160 - 352640	
1,4-DICHLOROBENZENE-d4	125702	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEG Lab Sample ID: A5667718 Matrix: SOIL

% Solids: 87.4 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.8	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.8	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.8	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.097	2.9	0.097	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.8	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEG Lab Sample ID: A5667718 Matrix: SOIL

% Solids: 87.4 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.8	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.31	4.8	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	1.6	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	0.85	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.8	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.8	0.22	1.00	N/A	U
STYRENE	0.17	4.8	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.8	0.26	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBEG Lab Sample ID: A5667718 Matrix: SOIL

% Solids: 87.4 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.8	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.8	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	88	84 - 118	
1,2-DICHLOROETHANE-d4	100	52 - 149	
DIBROMOFLUOROMETHANE	103	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	342713	231473 - 925892	
CHLOROBENZENE-d5	134111	88160 - 352640	
1,4-DICHLOROBENZENE-d4	109469	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNC Lab Sample ID: A5667711 Matrix: SOIL

% Solids: 91.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.5	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.8	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNC Lab Sample ID: A5667711 Matrix: SOIL

% Solids: 91.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	1.3	1.00	N/A	F
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.8	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.37	4.8	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNC Lab Sample ID: A5667711 Matrix: SOIL

% Solids: 91.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.8	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	111	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	101	52 - 149	
DIBROMOFLUOROMETHANE	106	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	354842	231473 - 925892	
CHLOROBENZENE-d5	138228	88160 - 352640	
1,4-DICHLOROBENZENE-d4	118511	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNG Lab Sample ID: A5667712 Matrix: SOIL

% Solids: 91.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.096	2.9	0.096	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.63	9.6	0.63	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNG Lab Sample ID: A5667712 Matrix: SOIL

% Solids: 91.1 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.69	9.6	0.69	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.9	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.9	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	1.2	1.00	N/A	U
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBNG Lab Sample ID: A5667712 Matrix: SOIL

% Solids: 91.1 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.99	14	0.99	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	101	52 - 149	
DIBROMOFLUOROMETHANE	105	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	343711	231473 - 925892	
CHLOROBENZENE-d5	137222	88160 - 352640	
1,4-DICHLOROBENZENE-d4	115470	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSC Lab Sample ID: A5667715 Matrix: SOIL

% Solids: 86.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.8	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.8	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.8	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.8	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.8	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.095	2.8	0.095	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.5	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.7	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.8	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.8	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	3.6	1.00	N/A	U
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.8	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.7	0.54	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSC Lab Sample ID: A5667715 Matrix: SOIL

% Solids: 86.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.8	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.8	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.8	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.8	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.8	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.8	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	12	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	19	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.8	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.8	0.21	1.00	N/A	U
STYRENE	0.16	4.8	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.8	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.8	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.8	0.25	1.00	N/A	U
TOLUENE	0.37	4.8	0.37	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSC Lab Sample ID: A5667715 Matrix: SOIL

% Solids: 86.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.8	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.8	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.8	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	96	84 - 118	
1,2-DICHLOROETHANE-d4	96	52 - 149	
DIBROMOFLUOROMETHANE	99	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	385308	231473 - 925892	
CHLOROBENZENE-d5	147202	88160 - 352640	
1,4-DICHLOROBENZENE-d4	126185	88160 - 352640	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWG Lab Sample ID: A5667710 Matrix: SOIL

% Solids: 93.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.10	4.7	0.10	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.21	2.8	0.21	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.19	5.6	0.19	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.80	4.7	0.80	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.60	4.7	0.60	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.094	2.8	0.094	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.4	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.16	4.7	0.16	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.23	4.7	0.23	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.13	4.7	0.13	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.6	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.30	4.7	0.30	1.00	N/A	U
ACETONE	3.5	47	6.0	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.32	4.7	0.32	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.6	0.53	1.00	N/A	U

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWG Lab Sample ID: A5667710 Matrix: SOIL

% Solids: 93.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.4	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.21	1.9	0.21	1.00	N/A	U
CHLOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.43	2.8	0.43	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.24	4.7	0.24	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.44	2.8	0.44	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.24	4.7	0.24	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	12	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.82	19	0.82	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.19	4.7	0.19	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.6	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWG Lab Sample ID: A5667710 Matrix: SOIL

% Solids: 93.0 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 10-Jul-2005 Date Analyzed: 10-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.15	4.7	0.15	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.15	4.7	0.15	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.25	4.7	0.25	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.85	19	0.85	1.00	N/A	U
XYLENES,TOTAL	0.97	14	0.97	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	109	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	92	84 - 118	
1,2-DICHLOROETHANE-d4	100	52 - 149	
DIBROMOFLUOROMETHANE	100	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	340814	231473 - 925892	
CHLOROBENZENE-d5	130473	88160 - 352640	
1,4-DICHLOROBENZENE-d4	109450	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

Calibration ID: A5I0001762 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	10.0	0.737	100.0	0.589	250.0	0.555	500.0	0.581	1000.0	0.577	12.000	
BROMOMETHANE	10.0	0.458	100.0	0.387	250.0	0.335	500.0	0.327	1000.0	0.262	20.700	
VINYL CHLORIDE	10.0	0.590	100.0	0.539	250.0	0.510	500.0	0.522	1000.0	0.524	5.800	
BROMOCHLOROMETHANE	10.0	0.155	100.0	0.150	250.0	0.145	500.0	0.152	1000.0	0.158	3.300	
CHLOROETHANE	10.0	0.385	100.0	0.312	250.0	0.296	500.0	0.307	1000.0	0.293	11.900	
METHYLENE CHLORIDE	10.0	1.545	100.0	0.518	250.0	0.426	500.0	0.425	1000.0	0.410	74.300	*
ACETONE	50.0	0.142	500.0	0.097	1250.0	0.085	2500.0	0.083	5000.0	0.088	24.800	
CARBON DISULFIDE	10.0	1.536	100.0	1.393	250.0	1.273	500.0	1.308	1000.0	1.209	9.400	
1,1-DICHLOROETHENE	10.0	0.472	100.0	0.417	250.0	0.397	500.0	0.409	1000.0	0.396	7.500	
1,1-DICHLOROETHANE	10.0	0.734	100.0	0.618	250.0	0.609	500.0	0.672	1000.0	0.702	8.000	
METHYLCYCLOHEXANE	10.0	0.412	100.0	0.535	250.0	0.524	500.0	0.565	1000.0	0.596	13.200	
1-CHLOROHEXANE	10.0	0.987	100.0	1.089	250.0	1.076	500.0	1.105	1000.0	1.063	4.300	
cis-1,2-DICHLOROETHYLENE	10.0	0.358	100.0	0.328	250.0	0.330	500.0	0.367	1000.0	0.403	8.600	
trans-1,2-DICHLOROETHENE	10.0	0.491	100.0	0.477	250.0	0.441	500.0	0.457	1000.0	0.417	6.400	
CHLOROFORM	10.0	0.686	100.0	0.574	250.0	0.568	500.0	0.606	1000.0	0.634	7.900	
1,2-DICHLOROETHANE	10.0	0.525	100.0	0.466	250.0	0.456	500.0	0.490	1000.0	0.520	6.300	
METHYL ETHYL KETONE (2-BUTA	50.0	0.136	500.0	0.132	1250.0	0.126	2500.0	0.133	5000.0	0.153	7.300	
1,1,1-TRICHLOROETHANE	10.0	0.553	100.0	0.534	250.0	0.525	500.0	0.557	1000.0	0.574	3.500	
CARBON TETRACHLORIDE	10.0	0.432	100.0	0.482	250.0	0.487	500.0	0.529	1000.0	0.563	10.000	
BROMODICHLOROMETHANE	10.0	0.432	100.0	0.382	250.0	0.381	500.0	0.415	1000.0	0.424	5.900	
1,2-DICHLOROPROPANE	10.0	0.361	100.0	0.319	250.0	0.317	500.0	0.343	1000.0	0.362	6.400	
cis-1,3-DICHLOROPROPENE	10.0	0.477	100.0	0.457	250.0	0.460	500.0	0.502	1000.0	0.517	5.400	
TRICHLOROETHYLENE (TCE)	10.0	0.340	100.0	0.324	250.0	0.321	500.0	0.343	1000.0	0.357	4.300	
DIBROMOCHLOROMETHANE	10.0	0.659	100.0	0.662	250.0	0.668	500.0	0.708	1000.0	0.700	3.400	
1,1,2-TRICHLOROETHANE	10.0	0.214	100.0	0.195	250.0	0.188	500.0	0.200	1000.0	0.210	5.300	
BENZENE	10.0	1.372	100.0	1.229	250.0	1.213	500.0	1.314	1000.0	1.364	5.700	
trans-1,3-DICHLOROPROPENE	10.0	0.375	100.0	0.405	250.0	0.412	500.0	0.453	1000.0	0.471	9.100	
BROMOFORM	10.0	0.409	100.0	0.402	250.0	0.421	500.0	0.452	1000.0	0.468	6.600	
METHYL ISOBUTYL KETONE (4-M	50.0	0.669	500.0	0.711	1250.0	0.676	2500.0	0.672	5000.0	0.724	3.600	
2-HEXANONE	50.0	0.450	500.0	0.461	1250.0	0.435	2500.0	0.429	5000.0	0.445	2.800	
TETRACHLOROETHYLENE(PCE)	10.0	0.885	100.0	0.838	250.0	0.833	500.0	0.884	1000.0	0.906	3.700	
1,1,2,2-TETRACHLOROETHANE	10.0	0.744	100.0	0.730	250.0	0.739	500.0	0.764	1000.0	0.852	6.500	
TOLUENE	10.0	1.541	100.0	1.311	250.0	1.276	500.0	1.363	1000.0	1.385	7.400	

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AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

Calibration ID: A5I0001762 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROBENZENE	10.0	2.498	100.0	2.013	250.0	1.948	500.0	2.013	1000.0	1.955	11.200	
ETHYLBENZENE	10.0	4.828	100.0	3.706	250.0	3.588	500.0	3.635	1000.0	3.456	14.500	
STYRENE	10.0	2.031	100.0	2.110	250.0	2.134	500.0	2.330	1000.0	2.407	7.200	
XYLENES,TOTAL	30.0	1.612	300.0	1.321	750.0	1.294	1500.0	1.389	3000.0	1.452	9.000	
1,1,1,2-TETRACHLOROETHANE	10.0	0.686	100.0	0.710	250.0	0.709	500.0	0.764	1000.0	0.747	4.400	
1,1,2-TRICHLORO-1,2,2-TRIFL	10.0	0.430	100.0	0.469	250.0	0.421	500.0	0.427	1000.0	0.413	5.000	
1,1-DICHLOROPROPENE	10.0	0.477	100.0	0.457	250.0	0.460	500.0	0.502	1000.0	0.517	5.400	
1,2,3-TRICHLOROBENZENE	10.0	0.964	100.0	0.973	250.0	1.049	500.0	1.140	1000.0	1.215	10.100	
1,2,3-TRICHLOROPROPANE	10.0	0.259	100.0	0.223	250.0	0.221	500.0	0.226	1000.0	0.251	7.600	
1,2,4-TRICHLOROBENZENE	10.0	0.861	100.0	0.906	250.0	0.951	500.0	1.005	1000.0	1.049	7.800	
1,2,4-TRIMETHYLBENZENE	10.0	3.078	100.0	3.058	250.0	3.027	500.0	3.153	1000.0	3.196	2.200	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	0.099	100.0	0.112	250.0	0.121	500.0	0.119	1000.0	0.132	10.500	
1,2-DIBROMOETHANE (ETHYLENE	10.0	0.599	100.0	0.564	250.0	0.569	500.0	0.572	1000.0	0.567	2.400	
1,2-DICHLOROBENZENE	10.0	1.882	100.0	1.633	250.0	1.627	500.0	1.750	1000.0	1.904	7.500	
1,3,5-TRIMETHYLBENZENE (MES	10.0	2.947	100.0	3.024	250.0	3.007	500.0	3.186	1000.0	3.360	5.400	
1,3-DICHLOROBENZENE	10.0	2.038	100.0	1.745	250.0	1.694	500.0	1.772	1000.0	1.825	7.300	
1,3-DICHLOROPROPANE	10.0	1.078	100.0	0.980	250.0	0.978	500.0	1.028	1000.0	1.048	4.200	
1,4-DICHLOROBENZENE	10.0	2.262	100.0	1.781	250.0	1.726	500.0	1.800	1000.0	1.850	11.500	
2,2-DICHLOROPROPANE	10.0	0.494	100.0	0.510	250.0	0.508	500.0	0.563	1000.0	0.608	9.000	
2-CHLOROTOLUENE	10.0	0.826	100.0	0.858	250.0	0.870	500.0	0.907	1000.0	0.929	4.600	
P-CYMENE (p-ISOPROPYLTOLUEN	10.0	2.859	100.0	3.202	250.0	3.234	500.0	3.415	1000.0	3.468	7.400	
BROMOBENZENE	10.0	1.066	100.0	0.906	250.0	0.922	500.0	0.963	1000.0	1.021	6.900	
CYCLOHEXANE	10.0	0.494	100.0	0.605	250.0	0.567	500.0	0.600	1000.0	0.613	8.500	
DIBROMOMETHANE	10.0	0.177	100.0	0.168	250.0	0.164	500.0	0.175	1000.0	0.184	4.700	
DICHLORODIFLUOROMETHANE	10.0	0.313	100.0	0.349	250.0	0.336	500.0	0.351	1000.0	0.367	5.900	
METHYL ACETATE	10.0	0.421	100.0	0.305	250.0	0.265	500.0	0.264	1000.0	0.293	20.900	
NAPHTHALENE	10.0	1.537	100.0	1.815	250.0	2.013	500.0	2.103	1000.0	2.187	13.500	
O-XYLENE (1,2-DIMETHYLBENZE	10.0	1.612	100.0	1.321	250.0	1.294	500.0	1.389	1000.0	1.452	9.000	
TRICHLOROFLUOROMETHANE	10.0	0.743	100.0	0.689	250.0	0.653	500.0	0.663	1000.0	0.655	5.500	
n-BUTYLBENZENE	10.0	2.637	100.0	3.089	250.0	3.190	500.0	3.452	1000.0	3.530	11.100	
n-PROPYLBENZENE	10.0	4.595	100.0	4.364	250.0	4.336	500.0	4.426	1000.0	4.324	2.500	
4-CHLOROTOLUENE	10.0	0.971	100.0	0.900	250.0	0.902	500.0	0.967	1000.0	1.046	6.300	
SEC-BUTYLBENZENE	10.0	3.555	100.0	3.925	250.0	3.948	500.0	4.117	1000.0	4.082	5.700	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

Calibration ID: A510001762 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
tert-BUTYL METHYL ETHER	10.0	1.126	100.0	1.091	250.0	0.982	500.0	0.996	1000.0	1.028	5.900	
t-BUTYLBENZENE	10.0	0.634	100.0	0.813	250.0	0.850	500.0	0.950	1000.0	1.074	19.000	
HEXACHLOROBUTADIENE	10.0	0.755	100.0	0.691	250.0	0.695	500.0	0.724	1000.0	0.763	4.600	
ISOPROPYLBENZENE (CUMENE)	10.0	3.031	100.0	3.288	250.0	3.345	500.0	3.463	1000.0	3.479	5.400	
M,P-XYLENE(SUM OF ISOMERS)	20.0	1.748	200.0	1.424	500.0	1.403	1000.0	1.486	2000.0	1.542	9.100	

Comments:
See Case Narrative

Response Factor Report HP5973 F

Method : C:\MSDCHEM\1\METHODS\FAFCEESOIL\A5I01762_E1.M (RTE Integrator)
Title : AFCEE SOIL
Last Update : Sun Jul 10 13:40:34 2005
Response via : Initial Calibration

A5I..1762
AFCEE Soil

Calibration Files
1 =F9508.D 2 =F9506.D 3 =F9504.D
4 =F9502.D 5 =F9500.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99	Fluorobenzene	----------ISTD----------						
2)	T	C290	Dichlorodifluor	0.313	0.349	0.336	0.351	0.367	0.343	5.88
3)	T	C010	Chloromethane	0.737	0.589	0.555	0.581	0.577	0.608	12.04
4)	T	C020	Vinyl chloride	0.590	0.539	0.510	0.522	0.524	0.537	5.82
5)	T	C015	Bromomethane	0.457	0.387	0.335	0.327	0.262	0.354	20.69
6)	T	C025	Chloroethane	0.385	0.312	0.296	0.306	0.293	0.318	11.86
7)	T	C275	Trichlorofluoro	0.743	0.689	0.653	0.663	0.655	0.681	5.53
8)	T	C291	1,1,2-Trichloro	0.430	0.469	0.421	0.427	0.413	0.432	5.04
9)	T	C045	1,1-Dichloroeth	0.472	0.417	0.397	0.409	0.396	0.418	7.52
10)	T	C030	Methylene chlor	1.545	0.518	0.426	0.425	0.410	-----	
								LO M=	0.415	R^2=1.000
11)	T	C040	Carbon disulfid	1.536	1.393	1.273	1.308	1.209	1.344	9.42
12)	T	C036	Acrolein	0.056	0.052	0.047	0.047	0.047	0.050	8.22
13)	T	C038	Acrylonitrile	0.164	0.136	0.119	0.115	0.112	0.129	16.82
14)	T	C035	Acetone	0.142	0.097	0.085	0.083	0.088	0.099	24.80
15)	T	C300	Acetonitrile	0.056	0.042	0.038	0.037	0.038	0.042	19.02
16)	T	C255	Methyl Acetate	0.421	0.305	0.265	0.264	0.293	0.310	20.88
17)	T	C276	Iodomethane	0.341	0.473	0.494	0.563	0.522	0.479	17.54
18)	T	C962	T-butyl Methyl	1.126	1.091	0.982	0.996	1.028	1.045	5.93
19)	T	C057	trans-1,2-Dichl	0.490	0.477	0.441	0.457	0.416	0.456	6.38
20)	T	C050	1,1-Dichloroeth	0.734	0.618	0.609	0.672	0.702	0.667	8.04
21)	T	C125	Vinyl Acetate	0.591	0.642	0.622	0.639	0.558	0.610	5.86
22)	T	C051	2,2-Dichloropro	0.494	0.510	0.508	0.563	0.608	0.536	8.96
23)	T	C056	cis-1,2-Dichlor	0.357	0.328	0.330	0.367	0.403	0.357	8.61
24)	T	C272	Tetrahydrofuran	0.076	0.078	0.075	0.079	0.090	0.080	7.62
25)	T	C222	Bromochlorometh	0.155	0.149	0.145	0.152	0.158	0.152	3.30
26)	T	C060	Chloroform	0.686	0.574	0.568	0.606	0.634	0.614	7.92
27)	S	CS87	Dibromofluorome	0.380	0.330	0.295	0.288	0.283	0.315	12.91
28)	T	C256	Cyclohexane	0.494	0.605	0.567	0.600	0.613	0.576	8.53
29)	T	C115	1,1,1-Trichloro	0.553	0.534	0.525	0.557	0.574	0.549	3.50
30)	T	C120	Carbon tetrachl	0.432	0.481	0.487	0.529	0.563	0.499	9.99
31)	T	C116	1,1-Dichloropro	0.477	0.457	0.460	0.502	0.517	0.483	5.40
32)	S	CS15	1,2-Dichloroeth	0.445	0.381	0.349	0.323	0.316	0.363	14.46
33)	T	C165	Benzene	1.372	1.229	1.213	1.314	1.364	1.298	5.71
34)	T	C065	1,2-Dichloroeth	0.525	0.466	0.456	0.490	0.520	0.491	6.28
35)	T	C110	2-Butanone	0.136	0.132	0.126	0.133	0.153	0.136	7.34
36)	T	C150	Trichloroethene	0.340	0.324	0.321	0.343	0.357	0.337	4.35
37)	T	C012	Methylcyclohexa	0.412	0.535	0.524	0.565	0.596	0.526	13.24
38)	T	C140	1,2-Dichloropro	0.361	0.319	0.317	0.343	0.362	0.340	6.44
39)	T	C278	Dibromomethane	0.177	0.168	0.164	0.175	0.184	0.173	4.68
40)	T	C130	Bromodichlorome	0.432	0.382	0.381	0.415	0.424	0.407	5.91
41)	T	C161	2-Chloroethylvi	0.105	0.143	0.142	0.155	0.174	0.144	17.48
42)	T	C230	Toluene	1.541	1.311	1.276	1.363	1.385	1.375	7.43
43)	T	C170	tran-1,3-Dichlo	0.375	0.405	0.412	0.453	0.471	0.423	9.08
44)	T	C160	1,1,2-Trichloro	0.214	0.195	0.188	0.200	0.210	0.202	5.31
45)	T	C145	cis-1,3-Dichlor	0.477	0.457	0.460	0.502	0.517	0.483	5.40
46)	I	CI20	Chlorobenzene-D	----------ISTD----------						
47)	S	CS05	Toluene-D8	3.129	2.643	2.610	2.299	2.065	2.549	15.76
48)	T	C284	Ethyl Methacryl	0.653	0.797	0.778	0.799	0.787	0.763	8.09
49)	T	C220	Tetrachloroethe	0.885	0.838	0.833	0.884	0.906	0.869	3.70
50)	T	C221	1,3-Dichloropro	1.078	0.980	0.978	1.028	1.048	1.023	4.25
51)	T	C155	Dibromochlorome	0.659	0.662	0.668	0.708	0.700	0.679	3.39
52)	T	C163	1,2-Dibromoetha	0.599	0.563	0.568	0.572	0.567	0.574	2.46
53)	T	C215	2-Hexanone	0.450	0.461	0.435	0.429	0.445	0.444	2.83
54)	T	C235	Chlorobenzene	2.498	2.013	1.948	2.013	1.955	2.085	11.16

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 F

Method : C:\MSDCHEM\1\METHODS\FAFCEESOIL\A5I01762_E1.M (RTE Integrator)
Title : AFCEE SOIL
Last Update : Sun Jul 10 13:40:34 2005
Response via : Initial Calibration

Calibration Files
1 =F9508.D 2 =F9506.D 3 =F9504.D
4 =F9502.D 5 =F9500.D

		Compound		1	2	3	4	5	Avg	%RSD
55)	T	D001	1-Chlorohexane	0.987	1.089	1.076	1.105	1.063	1.064	4.30
56)	T	C281	1,1,1,2-Tetrach	0.686	0.710	0.709	0.764	0.747	0.723	4.37
57)	T	C240	Ethylbenzene	4.828	3.706	3.588	3.635	3.456	3.843	14.53
58)	T	C246	m,p-Xylene	1.748	1.424	1.403	1.486	1.542	1.520	9.09
59)	T	C247	o-Xylene	1.612	1.321	1.294	1.389	1.452	1.414	8.97
60)	T	C245	Styrene	2.031	2.110	2.134	2.330	2.407	2.203	7.21
61)	T	C180	Bromoform	0.402	0.401	0.421	0.452	0.468	0.430	6.65
62)	S	CS10	p-Bromofluorobe	1.038	0.943	0.848	0.789	0.733	0.870	14.02
63)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
64)	T	C210	4-Methyl-2-Penta	0.669	0.710	0.675	0.672	0.724	0.690	3.63
65)	T	C966	Isopropylbenzen	3.031	3.288	3.345	3.463	3.479	-----	
								L	M= 3.498	R^2=1.000
									B= -0.092	
66)	T	C301	Bromobenzene	1.066	0.906	0.922	0.963	1.021	0.976	6.91
67)	T	C225	1,1,2,2-Tetrach	0.744	0.730	0.739	0.764	0.852	0.766	6.48
68)	T	C282	1,2,3-Trichloro	0.259	0.222	0.221	0.226	0.251	0.236	7.59
69)	T	C283	t-1,4-Dichloro-	0.188	0.210	0.205	0.212	0.228	0.209	6.95
70)	T	C302	n-Propylbenzene	4.595	4.364	4.339	4.426	4.324	4.410	2.51
71)	T	C303	2-Chlorotoluene	0.826	0.857	0.870	0.907	0.929	0.878	4.63
72)	T	C289	4-Chlorotoluene	0.971	0.900	0.902	0.967	1.046	0.957	6.29
73)	T	C304	1,3,5-Trimethyl	2.947	3.024	3.007	3.186	3.359	3.105	5.40
74)	T	C306	tert-Butylbenze	0.634	0.813	0.850	0.950	1.074	0.864	18.96
75)	T	C307	1,2,4-Trimethyl	3.078	3.058	3.027	3.153	3.195	3.102	2.25
76)	T	C308	sec-Butylbenzen	3.555	3.925	3.948	4.117	4.082	3.925	5.68
77)	T	C260	1,3-Dichloroben	2.038	1.745	1.694	1.772	1.825	1.815	7.35
78)	T	C309	4-Isopropyltolu	2.859	3.202	3.234	3.415	3.468	3.235	7.40
79)	T	C267	1,4-Dichloroben	2.262	1.781	1.726	1.800	1.850	1.884	11.47
80)	T	C249	1,2-Dichloroben	1.882	1.633	1.627	1.750	1.904	1.759	7.50
81)	T	C310	n-Butylbenzene	2.637	3.089	3.190	3.452	3.530	3.180	11.11
82)	T	C286	1,2-Dibromo-3-C	0.099	0.112	0.121	0.119	0.132	0.116	10.52
83)	T	C313	1,2,4-Trichloro	0.861	0.906	0.951	1.005	1.048	0.954	7.83
84)	T	C316	Hexachlorobutad	0.755	0.691	0.695	0.724	0.763	0.726	4.59
85)	T	C314	Naphthalene	1.537	1.815	2.013	2.103	2.187	1.931	13.47
86)	T	C934	1,2,3-Trichloro	0.964	0.973	1.049	1.140	1.215	1.068	10.14

Total Average %RSD 8.601

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005 Calibration ID: A5I0001762

2nd Source ID: A5S0000121 CCV #1 ID: A5C0004756 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	296	18.4	250.00	262	4.8			
BROMOMETHANE	250.00	277	10.8	250.00	258	3.2			
VINYL CHLORIDE	250.00	307	22.8	250.00	275	10.0			
BROMOCHLOROMETHANE	250.00	261	4.4	250.00	272	8.8			
CHLOROETHANE	250.00	286	14.4	250.00	274	9.6			
METHYLENE CHLORIDE	250.00	298	19.2	250.00	294	17.6			
ACETONE	1250.00	1210	-3.2	1250.00	1230	-1.6			
CARBON DISULFIDE	250.00	282	12.8	250.00	269	7.6			
1,1-DICHLOROETHENE	250.00	274	9.6	250.00	281	12.4			
1,1-DICHLOROETHANE	250.00	264	5.6	250.00	264	5.6			
1-CHLOROHEXANE	250.00	286	14.4	250.00	278	11.2			
cis-1,2-DICHLOROETHYLENE	250.00	271	8.4	250.00	264	5.6			
trans-1,2-DICHLOROETHENE	250.00	292	16.8	250.00	217	-13.2			
METHYLCYCLOHEXANE	250.00	286	14.4	250.00	283	13.2			
CHLOROFORM	250.00	260	4.0	250.00	264	5.6			
1,2-DICHLOROETHANE	250.00	254	1.6	250.00	263	5.2			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1210	-3.2	1250.00	1330	6.4			
1,1,1-TRICHLOROETHANE	250.00	271	8.4	250.00	272	8.8			
CARBON TETRACHLORIDE	250.00	279	11.6	250.00	278	11.2			
BROMODICHLOROMETHANE	250.00	280	12.0	250.00	272	8.8			
1,2-DICHLOROPROPANE	250.00	268	7.2	250.00	266	6.4			
cis-1,3-DICHLOROPROPENE	250.00	260	4.0	250.00	273	9.2			
TRICHLOROETHYLENE (TCE)	250.00	267	6.8	250.00	270	8.0			
DIBROMOCHLOROMETHANE	250.00	275	10.0	250.00	281	12.4			
1,1,2-TRICHLOROETHANE	250.00	259	3.6	250.00	267	6.8			
BENZENE	250.00	267	6.8	250.00	268	7.2			
trans-1,3-DICHLOROPROPENE	250.00	268	7.2	250.00	279	11.6			
BROMOFORM	250.00	268	7.2	250.00	284	13.6			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1250	0.0	1250.00	1400	12.0			
2-HEXANONE	1250.00	1230	-1.6	1250.00	1340	7.2			
TETRACHLOROETHYLENE(PCE)	250.00	278	11.2	250.00	272	8.8			

SSC OK CCS 20 e4/05

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005 Calibration ID: A5I0001762

2nd Source ID: A5S0000121 CCV #1 ID: A5C0004756 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
1,1,2,2-TETRACHLOROETHANE	250.00	263	5.2	250.00	284	13.6			
TOLUENE	250.00	267	6.8	250.00	267	6.8			
CHLOROBENZENE	250.00	268	7.2	250.00	262	4.8			
ETHYLBENZENE	250.00	273	9.2	250.00	262	4.8			
STYRENE	250.00	281	12.4	250.00	276	10.4			
XYLENES,TOTAL	750.00	812	8.3	750.00	774	3.2			
1,1,1,2-TETRACHLOROETHANE	250.00	280	12.0	250.00	278	11.2			
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	250.00	288	15.2	250.00	275	10.0			
1,1-DICHLOROPROPENE	250.00	260	4.0	250.00	273	9.2			
1,2,3-TRICHLOROBENZENE	250.00	270	8.0	250.00	274	9.6			
1,2,3-TRICHLOROPROPANE	250.00	254	1.6	250.00	271	8.4			
1,2,4-TRICHLOROBENZENE	250.00	270	8.0	250.00	270	8.0			
1,2,4-TRIMETHYLBENZENE	250.00	282	12.8	250.00	280	12.0			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	272	8.8	250.00	285	14.0			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	264	5.6	250.00	274	9.6			
1,2-DICHLOROBENZENE	250.00	263	5.2	250.00	259	3.6			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	282	12.8	250.00	278	11.2			
1,3-DICHLOROBENZENE	250.00	270	8.0	250.00	264	5.6			
1,3-DICHLOROPROPANE	250.00	266	6.4	250.00	269	7.6			
1,4-DICHLOROBENZENE	250.00	262	4.8	250.00	260	4.0			
2,2-DICHLOROPROPANE	250.00	263	5.2	250.00	276	10.4			
2-CHLOROTOLUENE	250.00	280	12.0	250.00	281	12.4			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	306	22.4	250.00	288	15.2			*
BROMOBENZENE	250.00	265	6.0	250.00	270	8.0			
CYCLOHEXANE	250.00	284	13.6	250.00	275	10.0			
DIBROMOMETHANE	250.00	265	6.0	250.00	272	8.8			
DICHLORODIFLUOROMETHANE	250.00	283	13.2	250.00	266	6.4			
METHYL ACETATE	250.00	226	-9.6	250.00	252	0.8			
NAPHTHALENE	250.00	263	5.2	250.00	275	10.0			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	271	8.4	250.00	259	3.6			
TRICHLOROFLUOROMETHANE	250.00	302	20.8	250.00	284	13.6			*

SSC ok LCSD only

SSC ok LCSD only

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005 Calibration ID: A5I0001762

2nd Source ID: A5S0000121 CCV #1 ID: A5C0004756 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
n-BUTYLBENZENE	250.00	298	19.2	250.00	292	16.8			
n-PROPYLBENZENE	250.00	289	15.6	250.00	282	12.8			
4-CHLOROTOLUENE	250.00	279	11.6	250.00	273	9.2			
SEC-BUTYLBENZENE	250.00	284	13.6	250.00	289	15.6			
tert-BUTYL METHYL ETHER	250.00	273	9.2	250.00	240	-4.0			
t-BUTYLBENZENE	250.00	292	16.8	250.00	286	14.4			
HEXACHLOROBUTADIENE	250.00	274	9.6	250.00	264	5.6			
ISOPROPYLBENZENE (CUMENE)	250.00	308	23.2	250.00	277	10.8			
M,P-XYLENE(SUM OF ISOMERS)	500.00	541	8.2	500.00	515	3.0			

SK OK L2570 e8/19

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

SPCC #1 ID: A5I0001762 SPCC #2 ID: A5C0004756 SPCC #3 ID: _____

CCC #1 ID: A5C0004756 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.6080	0.1000	0.6378	0.1000									
VINYL CHLORIDE							250.00	275	10.0				
1,1-DICHLOROETHENE							250.00	281	12.4				
1,1-DICHLOROETHANE	0.6670	0.1000	0.7032	0.1000									
CHLOROFORM							250.00	264	5.6				
1,2-DICHLOROPROPANE							250.00	266	6.4				
BROMOFORM	0.4300	0.1000	0.4889	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.7660	0.3000	0.8707	0.3000									
TOLUENE							250.00	267	6.8				
CHLOROBENZENE	2.0850	0.3000	2.1871	0.3000									
ETHYLBENZENE							250.00	262	4.8				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/KG Method Blank ID: A5B1085402

Initial Calibration ID: A5I0001762

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.20	3.0	
1,1,1-TRICHLOROETHANE	0.11	5.0	
1,1,2,2-TETRACHLOROETHANE	0.23	3.0	
1,1,2-TRICHLOROETHANE	0.20	5.0	
1,1-DICHLOROETHANE	0.22	5.0	
1,1-DICHLOROETHENE	0.21	6.0	
1,1-DICHLOROPROPENE	0.24	5.0	
1,2,3-TRICHLOROBENZENE	0.24	5.0	
1,2,3-TRICHLOROPROPANE	0.85	5.0	
1,2,4-TRICHLOROBENZENE	0.64	5.0	
1,2,4-TRIMETHYLBENZENE	0.22	6.0	
1,2-DICHLOROETHANE	0.10	3.0	
1,2-DICHLOROBENZENE	0.16	5.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.66	10	
1,2-DICHLOROPROPANE	0.18	5.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.25	5.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	5.0	
1,3-DICHLOROBENZENE	0.22	6.0	
1,3-DICHLOROPROPANE	0.20	2.0	
1,4-DICHLOROBENZENE	0.27	2.0	
1-CHLOROHEXANE	0.26	5.0	
2,2-DICHLOROPROPANE	0.25	5.0	
2-CHLOROTOLUENE	0.15	5.0	
4-CHLOROTOLUENE	0.32	5.0	
ACETONE	3.7	50	
BENZENE	0.12	2.0	
BROMOBENZENE	0.34	5.0	
BROMOCHLOROMETHANE	0.48	5.0	
BROMODICHLOROMETHANE	0.21	2.0	
BROMOFORM	0.56	6.0	
BROMOMETHANE	0.72	10	
CARBON TETRACHLORIDE	0.17	5.0	
CHLOROBENZENE	0.21	2.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/KG Method Blank ID: A5B1085402

Initial Calibration ID: A5I0001762

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.28	5.0	
CHLOROFORM	0.23	2.0	
CHLOROMETHANE	0.29	5.0	
cis-1,2-DICHLOROETHYLENE	0.34	5.0	
cis-1,3-DICHLOROPROPENE	0.24	3.0	
DIBROMOCHLOROMETHANE	0.46	3.0	
DIBROMOMETHANE	0.32	5.0	
DICHLORODIFLUOROMETHANE	0.26	5.0	
ETHYLBENZENE	0.11	5.0	
HEXACHLOROBUTADIENE	0.47	3.0	
ISOPROPYLBENZENE (CUMENE)	0.26	5.0	
M,P-XYLENE(SUM OF ISOMERS)	1.2	5.0	
METHYLENE CHLORIDE	1.9	5.0	
tert-BUTYL METHYL ETHER	0.16	20	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	20	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	2.2	20	
n-BUTYLBENZENE	0.16	5.0	
n-PROPYLBENZENE	0.20	5.0	
NAPHTHALENE	0.42	5.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.22	5.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	6.0	
SEC-BUTYLBENZENE	0.22	5.0	
STYRENE	0.17	5.0	
TRICHLOROETHYLENE (TCE)	0.22	5.0	
t-BUTYLBENZENE	0.20	5.0	
TETRACHLOROETHYLENE(PCE)	0.26	5.0	
TOLUENE	0.39	5.0	
trans-1,2-DICHLOROETHENE	0.26	5.0	
trans-1,3-DICHLOROPROPENE	0.21	5.0	
TRICHLOROFLUOROMETHANE	0.28	5.0	
VINYL CHLORIDE	0.16	5.0	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.36	5.0	
CARBON DISULFIDE	0.16	5.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/KG Method Blank ID: A5B1085402

Initial Calibration ID: A5I0001762

Analyte	Method Blank	RL	Q
METHYL ACETATE	0.40	5.0	
CYCLOHEXANE	0.27	5.0	
METHYLCYCLOHEXANE	0.24	5.0	
2-HEXANONE	0.90	20	
XYLENES,TOTAL	1.0	15	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	109	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	84 - 118	
1,2-DICHLOROETHANE-d4	95	52 - 149	
DIBROMOFLUOROMETHANE	100	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	409228	231473 - 925892	
CHLOROBENZENE-d5	156793	88160 - 352640	
1,4-DICHLOROBENZENE-d4	138102	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B1085401 Units: UG/KG

Initial Calibration ID: A5I0001762

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	250	242	96	40 - 141	
BENZENE	50.0	53.4	107	73 - 126	
BROMOBENZENE	50.0	52.9	106	66 - 121	
BROMOCHLOROMETHANE	50.0	52.1	104	71 - 127	
BROMODICHLOROMETHANE	50.0	55.9	112	72 - 128	
BROMOFORM	50.0	53.6	107	66 - 137	
BROMOMETHANE	50.0	55.3	111	45 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	250	242	97	40 - 135	
n-BUTYLBENZENE	50.0	59.5	119	65 - 138	
SEC-BUTYLBENZENE	50.0	56.8	114	63 - 132	
t-BUTYLBENZENE	50.0	58.3	117	65 - 132	
CARBON DISULFIDE	50.0	56.3	113	60 - 140	
CARBON TETRACHLORIDE	50.0	55.8	112	67 - 133	
CHLOROBENZENE	50.0	53.6	107	75 - 123	
CHLOROETHANE	50.0	57.2	114	41 - 141	
CHLOROFORM	50.0	52.0	104	72 - 124	
CHLOROMETHANE	50.0	59.2	118	51 - 129	
2-CHLOROTOLUENE	50.0	56.0	112	69 - 128	
4-CHLOROTOLUENE	50.0	55.7	112	73 - 126	
CYCLOHEXANE	50.0	56.8	114	60 - 140	
DIBROMOCHLOROMETHANE	50.0	55.0	110	66 - 130	
1,2-DIBROMO-3-CHLOROPROPANE	50.0	54.3	109	49 - 135	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	50.0	52.8	106	70 - 124	
DIBROMOMETHANE	50.0	53.0	106	73 - 128	
1,2-DICHLOROBENZENE	50.0	52.5	105	74 - 120	
1,3-DICHLOROBENZENE	50.0	54.0	108	72 - 124	
1,4-DICHLOROBENZENE	50.0	52.3	105	72 - 125	
DICHLORODIFLUOROMETHANE	50.0	56.6	113	34 - 136	
1,1-DICHLOROETHANE	50.0	52.7	106	73 - 125	
1,2-DICHLOROETHANE	50.0	50.8	102	72 - 137	
1,1-DICHLOROETHENE	50.0	54.8	110	65 - 136	
cis-1,2-DICHLOROETHYLENE	50.0	54.2	108	67 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B1085401 Units: UG/KG

Initial Calibration ID: A5I0001762

Analyte	Expected	Found	%R	Control Limits	Q
trans-1,2-DICHLOROETHENE	50.0	58.3	117	66 - 134	
1,2-DICHLOROPROPANE	50.0	53.5	107	71 - 120	
1,3-DICHLOROPROPANE	50.0	53.2	106	76 - 123	
2,2-DICHLOROPROPANE	50.0	52.5	105	67 - 134	
1,1-DICHLOROPROPENE	50.0	52.0	104	70 - 135	
cis-1,3-DICHLOROPROPENE	50.0	52.0	104	72 - 126	
trans-1,3-DICHLOROPROPENE	50.0	53.5	107	65 - 127	
ETHYLBENZENE	50.0	54.6	109	74 - 127	
2-HEXANONE	250	245	98	47 - 147	
HEXACHLOROBUTADIENE	50.0	54.7	110	53 - 142	
ISOPROPYLBENZENE (CUMENE)	50.0	61.6	123	77 - 129	
P-CYMENE (p-ISOPROPYLTOLUENE)	50.0	61.1	122	75 - 133	
METHYL ACETATE	50.0	45.2	90	60 - 140	
METHYLCYCLOHEXANE	50.0	57.1	114	60 - 140	
METHYLENE CHLORIDE	50.0	59.7	116	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	250	250	99	47 - 147	
NAPHTHALENE	50.0	52.5	105	51 - 135	
n-PROPYLBENZENE	50.0	57.7	116	63 - 135	
STYRENE	50.0	56.1	112	74 - 128	
1,1,1,2-TETRACHLOROETHANE	50.0	56.0	112	74 - 125	
1,1,2,2-TETRACHLOROETHANE	50.0	52.5	105	59 - 140	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	50.0	57.5	115	60 - 140	
TETRACHLOROETHYLENE(PCE)	50.0	55.5	111	67 - 139	
TOLUENE	50.0	53.4	107	71 - 127	
1,2,3-TRICHLOROBENZENE	50.0	53.9	108	62 - 133	
1,2,4-TRICHLOROBENZENE	50.0	53.9	108	65 - 131	
1,1,1-TRICHLOROETHANE	50.0	54.1	108	68 - 130	
1,1,2-TRICHLOROETHANE	50.0	51.7	104	62 - 127	
TRICHLOROETHYLENE (TCE)	50.0	53.4	107	77 - 124	
TRICHLOROFLUOROMETHANE	50.0	60.4	121	49 - 139	
1,2,3-TRICHLOROPROPANE	50.0	50.7	102	63 - 130	
1,2,4-TRIMETHYLBENZENE	50.0	56.4	113	65 - 135	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract #: _____

LCS ID: A5B1085401 Units: UG/KG

Initial Calibration ID: A5I0001762

Analyte	Expected	Found	%R	Control Limits	Q
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	50.0	56.5	113	65 - 133	
VINYL CHLORIDE	50.0	61.4	123	58 - 126	
XYLENES,TOTAL	150	162	108	60 - 140	
tert-BUTYL METHYL ETHER	50.0	54.6	109	50 - 135	
1-CHLOROHEXANE	50.0	57.1	114	60 - 135	
O-XYLENE (1,2-DIMETHYLBENZENE)	50.0	54.1	108	77 - 125	
M,P-XYLENE(SUM OF ISOMERS)	100	108	107	79 - 126	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	104	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	98	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	444183	231473 - 925892	
CHLOROBENZENE-d5	182792	88160 - 352640	
1,4-DICHLOROBENZENE-d4	170033	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98 AAB#: A5B10854

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
B43SSABC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSABG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSAEC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSAEG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSASC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSASG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSAWC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSAWG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBBC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBBG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBEC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBEG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBNC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBNG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBSC	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	
B43SSBWG	27-Jun-2005	28-Jun-2005	10-Jul-2005	14.00	13.00	10-Jul-2005	14.00	13.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B10854

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973F

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0004756	10-Jul-2005	1001	10-Jul-2005	1030
ZZZZZZZZZZZZZZZZZZZZ	10-Jul-2005	1031	10-Jul-2005	1059
VBLK93	10-Jul-2005	1100	10-Jul-2005	1129
MSB93	10-Jul-2005	1130	10-Jul-2005	1159
B43SSAWC	10-Jul-2005	1200	10-Jul-2005	1228
B43SSAWG	10-Jul-2005	1229	10-Jul-2005	1258
B43SSASC	10-Jul-2005	1259	10-Jul-2005	1327
B43SSASG	10-Jul-2005	1328	10-Jul-2005	1357
B43SSAEC	10-Jul-2005	1358	10-Jul-2005	1426
B43SSAEG	10-Jul-2005	1427	10-Jul-2005	1456
B43SSABG	10-Jul-2005	1457	10-Jul-2005	1525
B43SSBNC	10-Jul-2005	1526	10-Jul-2005	1555
B43SSBNG	10-Jul-2005	1556	10-Jul-2005	1624
B43SSBSC	10-Jul-2005	1625	10-Jul-2005	1654
ZZZZZZZZZZZZZZZZZZZZ	10-Jul-2005	1655	10-Jul-2005	1723
B43SSBEG	10-Jul-2005	1724	10-Jul-2005	1753
B43SSABC	10-Jul-2005	1754	10-Jul-2005	1822
ZZZZZZZZZZZZZZZZZZZZ	10-Jul-2005	1823	10-Jul-2005	1847
ZZZZZZZZZZZZZZZZZZZZ	10-Jul-2005	1848	10-Jul-2005	1913
ZZZZZZZZZZZZZZZZZZZZ	10-Jul-2005	1914	10-Jul-2005	1941
B43SSBWG	10-Jul-2005	1942	10-Jul-2005	2006
B43SSBEC	10-Jul-2005	2007	10-Jul-2005	2030
B43SSBBC	10-Jul-2005	2031	10-Jul-2005	2056
B43SSBBG	10-Jul-2005	2057	10-Jul-2005	2122

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Compound: BFB Injection Date/Time: 9-Jul-2005 13:00

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	23.0	
75	30.0 - 60.0% of mass 95	52.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.3	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	85.4	
175	5.0 - 9.0% of mass 174	5.7 (6.7) 1	
176	95.0 - 101.0% of mass 174	82.6 (96.7) 1	
177	5.0 - 9.0% of mass 176	5.8 (7.0) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	09-Jul-2005	1330
VSTD020	09-Jul-2005	1405
VSTD010	09-Jul-2005	1440
VSTD004	09-Jul-2005	1515
VSTD0.4	09-Jul-2005	1551
VSTD010	10-Jul-2005	1130

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B10854

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Compound: BFB Injection Date/Time: 10-Jul-2005 09:36

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	22.5	
75	30.0 - 60.0% of mass 95	53.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.3	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	86.7	
175	5.0 - 9.0% of mass 174	6.4 (7.4) 1	
176	95.0 - 101.0% of mass 174	84.0 (96.9) 1	
177	5.0 - 9.0% of mass 176	6.0 (7.1) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	10-Jul-2005	1001
VBLK93	10-Jul-2005	1100
MSB93	10-Jul-2005	1130
B43SSAWC	10-Jul-2005	1200
B43SSAWG	10-Jul-2005	1229
B43SSASC	10-Jul-2005	1259
B43SSASG	10-Jul-2005	1328
B43SSAEC	10-Jul-2005	1358
B43SSAEG	10-Jul-2005	1427
B43SSABG	10-Jul-2005	1457
B43SSBNC	10-Jul-2005	1526
B43SSBNG	10-Jul-2005	1556
B43SSBSC	10-Jul-2005	1625
B43SSBEG	10-Jul-2005	1724
B43SSABC	10-Jul-2005	1754
B43SSBWG	10-Jul-2005	1942
B43SSBEC	10-Jul-2005	2007
B43SSBBC	10-Jul-2005	2031
B43SSBBG	10-Jul-2005	2057

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Base/Command: Griffiss Airforce Base Prime Contractor: Fanning, Phillips & Molna

Field Sample ID	Lab Sample ID
B43SSBSG	A5667716
B43SSBWC	A5667709

Comments:

See Case Narrative

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: John Schove

Date: 8/12/05 Title: Operations Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSG Lab Sample ID: A5667716 Matrix: SOIL

% Solids: 82.3 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.8	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.7	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.8	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.19	4.7	0.19	1.00	N/A	U
1,1-DICHLOROETHANE	0.21	4.7	0.21	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.7	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.7	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.81	4.7	0.81	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.61	4.7	0.61	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.095	2.8	0.095	1.00	N/A	U
1,2-DICHLOROBENZENE	0.15	4.7	0.15	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.62	9.5	0.62	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.7	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.7	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.7	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.21	5.7	0.21	1.00	N/A	U
1,3-DICHLOROPROPANE	0.19	1.9	0.19	1.00	N/A	U
1,4-DICHLOROBENZENE	0.25	1.9	0.25	1.00	N/A	U
1-CHLOROHEXANE	0.24	4.7	0.24	1.00	N/A	U
2,2-DICHLOROPROPANE	0.23	4.7	0.23	1.00	N/A	U
2-CHLOROTOLUENE	0.14	4.7	0.14	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.7	0.31	1.00	N/A	U
ACETONE	3.6	47	9.3	1.00	N/A	F
BENZENE	0.11	1.9	0.11	1.00	N/A	U
BROMOBENZENE	0.33	4.7	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.46	4.7	0.46	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.53	5.7	0.53	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBSG Lab Sample ID: A5667716 Matrix: SOIL

% Solids: 82.3 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.68	9.5	0.68	1.00	N/A	U
CARBON TETRACHLORIDE	0.16	4.7	0.16	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.7	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.7	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.32	4.7	0.32	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.23	2.8	0.23	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.8	0.44	1.00	N/A	U
DIBROMOMETHANE	0.30	4.7	0.30	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.7	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.7	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.45	2.8	0.45	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.7	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.45	4.7	0.45	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.7	10	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	200	1.00	N/A	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.83	19	0.83	1.00	N/A	U
n-BUTYLBENZENE	0.15	4.7	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.7	0.20	1.00	N/A	U
NAPHTHALENE	0.40	4.7	0.40	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.20	4.7	0.20	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.7	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.21	4.7	0.21	1.00	N/A	U
STYRENE	0.16	4.7	0.16	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.21	4.7	0.21	1.00	N/A	U
t-BUTYLBENZENE	0.18	4.7	0.18	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.25	4.7	0.25	1.00	N/A	U
TOLUENE	0.37	4.7	0.37	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 043SSBSG Lab Sample ID: A5667716 Matrix: SOIL

% Solids: 82.3 Initial Calibration ID: A510001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.24	4.7	0.24	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.7	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.7	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.7	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.34	4.7	0.34	1.00	N/A	U
CARBON DISULFIDE	0.16	4.7	0.16	1.00	N/A	U
METHYL ACETATE	0.38	4.7	0.38	1.00	N/A	U
CYCLOHEXANE	0.26	4.7	1.8	1.00	N/A	F
METHYLCYCLOHEXANE	0.23	4.7	0.23	1.00	N/A	U
2-HEXANONE	0.86	19	0.86	1.00	N/A	U
XYLENES,TOTAL	0.98	14	0.98	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	106	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	95	84 - 118	
1,2-DICHLOROETHANE-d4	95	52 - 149	
DIBROMOFLUOROMETHANE	97	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	379233	231473 - 925892	
CHLOROBENZENE-d5	143189	95587 - 382346	
1,4-DICHLOROBENZENE-d4	121898	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: 043SSBWC Lab Sample ID: A5667709 Matrix: SOIL

% Solids: 86.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-TETRACHLOROETHANE	0.19	2.9	0.19	1.00	N/A	U
1,1,1-TRICHLOROETHANE	0.11	4.8	0.11	1.00	N/A	U
1,1,2,2-TETRACHLOROETHANE	0.22	2.9	0.22	1.00	N/A	U
1,1,2-TRICHLOROETHANE	0.20	4.8	0.20	1.00	N/A	U
1,1-DICHLOROETHANE	0.22	4.8	0.22	1.00	N/A	U
1,1-DICHLOROETHENE	0.20	5.8	0.20	1.00	N/A	U
1,1-DICHLOROPROPENE	0.24	4.8	0.24	1.00	N/A	U
1,2,3-TRICHLOROBENZENE	0.23	4.8	0.23	1.00	N/A	U
1,2,3-TRICHLOROPROPANE	0.82	4.8	0.82	1.00	N/A	U
1,2,4-TRICHLOROBENZENE	0.62	4.8	0.62	1.00	N/A	U
1,2,4-TRIMETHYLBENZENE	0.21	5.8	0.21	1.00	N/A	U
1,2-DICHLOROETHANE	0.097	2.9	0.097	1.00	N/A	U
1,2-DICHLOROBENZENE	0.16	4.8	0.16	1.00	N/A	U
1,2-DIBROMO-3-CHLOROPROPANE	0.64	9.7	0.64	1.00	N/A	U
1,2-DICHLOROPROPANE	0.17	4.8	0.17	1.00	N/A	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.24	4.8	0.24	1.00	N/A	U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	4.8	0.14	1.00	N/A	U
1,3-DICHLOROBENZENE	0.22	5.8	0.22	1.00	N/A	U
1,3-DICHLOROPROPANE	0.20	1.9	0.20	1.00	N/A	U
1,4-DICHLOROBENZENE	0.26	1.9	0.26	1.00	N/A	U
1-CHLOROHEXANE	0.25	4.8	0.25	1.00	N/A	U
2,2-DICHLOROPROPANE	0.24	4.8	0.24	1.00	N/A	U
2-CHLOROTOLUENE	0.15	4.8	0.15	1.00	N/A	U
4-CHLOROTOLUENE	0.31	4.8	0.31	1.00	N/A	U
ACETONE	3.6	48	12	1.00	N/A	F
BENZENE	0.12	1.9	0.12	1.00	N/A	U
BROMOBENZENE	0.33	4.8	0.33	1.00	N/A	U
BROMOCHLOROMETHANE	0.47	4.8	0.47	1.00	N/A	U
BROMODICHLOROMETHANE	0.20	1.9	0.20	1.00	N/A	U
BROMOFORM	0.54	5.8	0.54	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWC Lab Sample ID: A5667709 Matrix: SOIL

% Solids: 86.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
BROMOMETHANE	0.70	9.7	0.70	1.00	N/A	U
CARBON TETRACHLORIDE	0.17	4.8	0.17	1.00	N/A	U
CHLOROBENZENE	0.20	1.9	0.20	1.00	N/A	U
CHLOROETHANE	0.27	4.8	0.27	1.00	N/A	U
CHLOROFORM	0.22	1.9	0.22	1.00	N/A	U
CHLOROMETHANE	0.28	4.8	0.28	1.00	N/A	U
cis-1,2-DICHLOROETHYLENE	0.33	4.8	0.33	1.00	N/A	U
cis-1,3-DICHLOROPROPENE	0.24	2.9	0.24	1.00	N/A	U
DIBROMOCHLOROMETHANE	0.44	2.9	0.44	1.00	N/A	U
DIBROMOMETHANE	0.31	4.8	0.31	1.00	N/A	U
DICHLORODIFLUOROMETHANE	0.25	4.8	0.25	1.00	N/A	U
ETHYLBENZENE	0.10	4.8	0.10	1.00	N/A	U
HEXACHLOROBUTADIENE	0.46	2.9	0.46	1.00	N/A	U
ISOPROPYLBENZENE (CUMENE)	0.25	4.8	0.25	1.00	N/A	U
M,P-XYLENE(SUM OF ISOMERS)	0.46	4.8	0.46	1.00	N/A	U
METHYLENE CHLORIDE	1.2	4.8	10	1.00	N/A	B
tert-BUTYL METHYL ETHER	0.15	19	0.15	1.00	N/A	U
METHYL ETHYL KETONE (2-BUTANONE)	1.2	19	1.2	1.00	N/A	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.85	19	1.8	1.00	N/A	F
n-BUTYLBENZENE	0.15	4.8	0.15	1.00	N/A	U
n-PROPYLBENZENE	0.20	4.8	0.20	1.00	N/A	U
NAPHTHALENE	0.41	4.8	0.41	1.00	N/A	U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.21	4.8	0.21	1.00	N/A	U
P-CYMENE (p-ISOPROPYLTOLUENE)	0.18	5.8	0.18	1.00	N/A	U
SEC-BUTYLBENZENE	0.22	4.8	0.22	1.00	N/A	U
STYRENE	0.17	4.8	0.17	1.00	N/A	U
TRICHLOROETHYLENE (TCE)	0.22	4.8	0.22	1.00	N/A	U
t-BUTYLBENZENE	0.19	4.8	0.19	1.00	N/A	U
TETRACHLOROETHYLENE(PCE)	0.26	4.8	0.26	1.00	N/A	U
TOLUENE	0.38	4.8	0.38	1.00	N/A	U

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260-A98 Preparatory Method: SW5030 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID: B43SSBWC Lab Sample ID: A5667709 Matrix: SOIL

% Solids: 86.2 Initial Calibration ID: A5I0001762

Date Received: 28-Jun-2005 Date Prepared: 11-Jul-2005 Date Analyzed: 11-Jul-2005

Concentration Units (ug/L or mg/kg dry weight): UG/KG

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
trans-1,2-DICHLOROETHENE	0.25	4.8	0.25	1.00	N/A	U
trans-1,3-DICHLOROPROPENE	0.20	4.8	0.20	1.00	N/A	U
TRICHLOROFLUOROMETHANE	0.27	4.8	0.27	1.00	N/A	U
VINYL CHLORIDE	0.16	4.8	0.16	1.00	N/A	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.35	4.8	0.35	1.00	N/A	U
CARBON DISULFIDE	0.16	4.8	0.16	1.00	N/A	U
METHYL ACETATE	0.39	4.8	0.39	1.00	N/A	U
CYCLOHEXANE	0.26	4.8	0.26	1.00	N/A	U
METHYLCYCLOHEXANE	0.23	4.8	0.23	1.00	N/A	U
2-HEXANONE	0.88	19	0.88	1.00	N/A	U
XYLENES,TOTAL	1.0	14	1.0	1.00	N/A	U

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	107	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	98	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	382611	231473 - 925892	
CHLOROBENZENE-d5	144952	95587 - 382346	
1,4-DICHLOROBENZENE-d4	124720	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

Calibration ID: A5I0001762 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROMETHANE	10.0	0.737	100.0	0.589	250.0	0.555	500.0	0.581	1000.0	0.577	12.000	
BROMOMETHANE	10.0	0.458	100.0	0.387	250.0	0.335	500.0	0.327	1000.0	0.262	20.700	
VINYL CHLORIDE	10.0	0.590	100.0	0.539	250.0	0.510	500.0	0.522	1000.0	0.524	5.800	
BROMOCHLOROMETHANE	10.0	0.155	100.0	0.150	250.0	0.145	500.0	0.152	1000.0	0.158	3.300	
CHLOROETHANE	10.0	0.385	100.0	0.312	250.0	0.296	500.0	0.307	1000.0	0.293	11.900	
METHYLENE CHLORIDE	10.0	1.545	100.0	0.518	250.0	0.426	500.0	0.425	1000.0	0.410	74.300	
ACETONE	50.0	0.142	500.0	0.097	1250.0	0.085	2500.0	0.083	5000.0	0.088	24.800	
CARBON DISULFIDE	10.0	1.536	100.0	1.393	250.0	1.273	500.0	1.308	1000.0	1.209	9.400	
1,1-DICHLOROETHENE	10.0	0.472	100.0	0.417	250.0	0.397	500.0	0.409	1000.0	0.396	7.500	
1,1-DICHLOROETHANE	10.0	0.734	100.0	0.618	250.0	0.609	500.0	0.672	1000.0	0.702	8.000	
METHYLCYCLOHEXANE	10.0	0.412	100.0	0.535	250.0	0.524	500.0	0.565	1000.0	0.596	13.200	
1-CHLOROHEXANE	10.0	0.987	100.0	1.089	250.0	1.076	500.0	1.105	1000.0	1.063	4.300	
cis-1,2-DICHLOROETHYLENE	10.0	0.358	100.0	0.328	250.0	0.330	500.0	0.367	1000.0	0.403	8.600	
trans-1,2-DICHLOROETHENE	10.0	0.491	100.0	0.477	250.0	0.441	500.0	0.457	1000.0	0.417	6.400	
CHLOROFORM	10.0	0.686	100.0	0.574	250.0	0.568	500.0	0.606	1000.0	0.634	7.900	
1,2-DICHLOROETHANE	10.0	0.525	100.0	0.466	250.0	0.456	500.0	0.490	1000.0	0.520	6.300	
METHYL ETHYL KETONE (2-BUTA	50.0	0.136	500.0	0.132	1250.0	0.126	2500.0	0.133	5000.0	0.153	7.300	
1,1,1-TRICHLOROETHANE	10.0	0.553	100.0	0.534	250.0	0.525	500.0	0.557	1000.0	0.574	3.500	
CARBON TETRACHLORIDE	10.0	0.432	100.0	0.482	250.0	0.487	500.0	0.529	1000.0	0.563	10.000	
BROMODICHLOROMETHANE	10.0	0.432	100.0	0.382	250.0	0.381	500.0	0.415	1000.0	0.424	5.900	
1,2-DICHLOROPROPANE	10.0	0.361	100.0	0.319	250.0	0.317	500.0	0.343	1000.0	0.362	6.400	
cis-1,3-DICHLOROPROPENE	10.0	0.477	100.0	0.457	250.0	0.460	500.0	0.502	1000.0	0.517	5.400	
TRICHLOROETHYLENE (TCE)	10.0	0.340	100.0	0.324	250.0	0.321	500.0	0.343	1000.0	0.357	4.300	
DIBROMOCHLOROMETHANE	10.0	0.659	100.0	0.662	250.0	0.668	500.0	0.708	1000.0	0.700	3.400	
1,1,2-TRICHLOROETHANE	10.0	0.214	100.0	0.195	250.0	0.188	500.0	0.200	1000.0	0.210	5.300	
BENZENE	10.0	1.372	100.0	1.229	250.0	1.213	500.0	1.314	1000.0	1.364	5.700	
trans-1,3-DICHLOROPROPENE	10.0	0.375	100.0	0.405	250.0	0.412	500.0	0.453	1000.0	0.471	9.100	
BROMOFORM	10.0	0.409	100.0	0.402	250.0	0.421	500.0	0.452	1000.0	0.468	6.600	
METHYL ISOBUTYL KETONE (4-M	50.0	0.669	500.0	0.711	1250.0	0.676	2500.0	0.672	5000.0	0.724	3.600	
2-HEXANONE	50.0	0.450	500.0	0.461	1250.0	0.435	2500.0	0.429	5000.0	0.445	2.800	
TETRACHLOROETHYLENE(PCE)	10.0	0.885	100.0	0.838	250.0	0.833	500.0	0.884	1000.0	0.906	3.700	
1,1,2,2-TETRACHLOROETHANE	10.0	0.744	100.0	0.730	250.0	0.739	500.0	0.764	1000.0	0.852	6.500	
TOLUENE	10.0	1.541	100.0	1.311	250.0	1.276	500.0	1.363	1000.0	1.385	7.400	

OK linear calibration

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

Calibration ID: A5I0001762 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
CHLOROBENZENE	10.0	2.498	100.0	2.013	250.0	1.948	500.0	2.013	1000.0	1.955	11.200	
ETHYLBENZENE	10.0	4.828	100.0	3.706	250.0	3.588	500.0	3.635	1000.0	3.456	14.500	
STYRENE	10.0	2.031	100.0	2.110	250.0	2.134	500.0	2.330	1000.0	2.407	7.200	
XYLENES,TOTAL	30.0	1.612	300.0	1.321	750.0	1.294	1500.0	1.389	3000.0	1.452	9.000	
1,1,1,2-TETRACHLOROETHANE	10.0	0.686	100.0	0.710	250.0	0.709	500.0	0.764	1000.0	0.747	4.400	
1,1,2-TRICHLORO-1,2,2-TRIFL	10.0	0.430	100.0	0.469	250.0	0.421	500.0	0.427	1000.0	0.413	5.000	
1,1-DICHLOROPROPENE	10.0	0.477	100.0	0.457	250.0	0.460	500.0	0.502	1000.0	0.517	5.400	
1,2,3-TRICHLOROBENZENE	10.0	0.964	100.0	0.973	250.0	1.049	500.0	1.140	1000.0	1.215	10.100	
1,2,3-TRICHLOROPROPANE	10.0	0.259	100.0	0.223	250.0	0.221	500.0	0.226	1000.0	0.251	7.600	
1,2,4-TRICHLOROBENZENE	10.0	0.861	100.0	0.906	250.0	0.951	500.0	1.005	1000.0	1.049	7.800	
1,2,4-TRIMETHYLBENZENE	10.0	3.078	100.0	3.058	250.0	3.027	500.0	3.153	1000.0	3.196	2.200	
1,2-DIBROMO-3-CHLOROPROPANE	10.0	0.099	100.0	0.112	250.0	0.121	500.0	0.119	1000.0	0.132	10.500	
1,2-DIBROMOETHANE (ETHYLENE	10.0	0.599	100.0	0.564	250.0	0.569	500.0	0.572	1000.0	0.567	2.400	
1,2-DICHLOROBENZENE	10.0	1.882	100.0	1.633	250.0	1.627	500.0	1.750	1000.0	1.904	7.500	
1,3,5-TRIMETHYLBENZENE (MES	10.0	2.947	100.0	3.024	250.0	3.007	500.0	3.186	1000.0	3.360	5.400	
1,3-DICHLOROBENZENE	10.0	2.038	100.0	1.745	250.0	1.694	500.0	1.772	1000.0	1.825	7.300	
1,3-DICHLOROPROPANE	10.0	1.078	100.0	0.980	250.0	0.978	500.0	1.028	1000.0	1.048	4.200	
1,4-DICHLOROBENZENE	10.0	2.262	100.0	1.781	250.0	1.726	500.0	1.800	1000.0	1.850	11.500	
2,2-DICHLOROPROPANE	10.0	0.494	100.0	0.510	250.0	0.508	500.0	0.563	1000.0	0.608	9.000	
2-CHLOROTOLUENE	10.0	0.826	100.0	0.858	250.0	0.870	500.0	0.907	1000.0	0.929	4.600	
P-CYMENE (p-ISOPROPYLTOLUEN	10.0	2.859	100.0	3.202	250.0	3.234	500.0	3.415	1000.0	3.468	7.400	
BROMOBENZENE	10.0	1.066	100.0	0.906	250.0	0.922	500.0	0.963	1000.0	1.021	6.900	
CYCLOHEXANE	10.0	0.494	100.0	0.605	250.0	0.567	500.0	0.600	1000.0	0.613	8.500	
DIBROMOMETHANE	10.0	0.177	100.0	0.168	250.0	0.164	500.0	0.175	1000.0	0.184	4.700	
DICHLORODIFLUOROMETHANE	10.0	0.313	100.0	0.349	250.0	0.336	500.0	0.351	1000.0	0.367	5.900	
METHYL ACETATE	10.0	0.421	100.0	0.305	250.0	0.265	500.0	0.264	1000.0	0.293	20.900	
NAPHTHALENE	10.0	1.537	100.0	1.815	250.0	2.013	500.0	2.103	1000.0	2.187	13.500	
O-XYLENE (1,2-DIMETHYLBENZE	10.0	1.612	100.0	1.321	250.0	1.294	500.0	1.389	1000.0	1.452	9.000	
TRICHLOROFLUOROMETHANE	10.0	0.743	100.0	0.689	250.0	0.653	500.0	0.663	1000.0	0.655	5.500	
n-BUTYLBENZENE	10.0	2.637	100.0	3.089	250.0	3.190	500.0	3.452	1000.0	3.530	11.100	
n-PROPYLBENZENE	10.0	4.595	100.0	4.364	250.0	4.336	500.0	4.426	1000.0	4.324	2.500	
4-CHLOROTOLUENE	10.0	0.971	100.0	0.900	250.0	0.902	500.0	0.967	1000.0	1.046	6.300	
SEC-BUTYLBENZENE	10.0	3.555	100.0	3.925	250.0	3.948	500.0	4.117	1000.0	4.082	5.700	

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

Calibration ID: A510001762 Concentration Units: ng

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	% RSD	Q
tert-BUTYL METHYL ETHER	10.0	1.126	100.0	1.091	250.0	0.982	500.0	0.996	1000.0	1.028	5.900	
t-BUTYLBENZENE	10.0	0.634	100.0	0.813	250.0	0.850	500.0	0.950	1000.0	1.074	19.000	
HEXACHLOROBUTADIENE	10.0	0.755	100.0	0.691	250.0	0.695	500.0	0.724	1000.0	0.763	4.600	
ISOPROPYLBENZENE (CUMENE)	10.0	3.031	100.0	3.288	250.0	3.345	500.0	3.463	1000.0	3.479	5.400	
M,P-XYLENE(SUM OF ISOMERS)	20.0	1.748	200.0	1.424	500.0	1.403	1000.0	1.486	2000.0	1.542	9.100	

Comments:
See Case Narrative

Response Factor Report HP5973 F

Method : C:\MSDCHEM\1\METHODS\FAFCEESOIL\A5I01762_E1.M (RTE Integrator)
Title : AFCEE SOIL
Last Update : Sun Jul 10 13:40:34 2005
Response via : Initial Calibration

A5I..1762
AFCEE Soil

Calibration Files
1 =F9508.D 2 =F9506.D 3 =F9504.D
4 =F9502.D 5 =F9500.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI99 Fluorobenzene	ISTD						
2)	T	C290 Dichlorodifluor	0.313	0.349	0.336	0.351	0.367	0.343	5.88
3)	T	C010 Chloromethane	0.737	0.589	0.555	0.581	0.577	0.608	12.04
4)	T	C020 Vinyl chloride	0.590	0.539	0.510	0.522	0.524	0.537	5.82
5)	T	C015 Bromomethane	0.457	0.387	0.335	0.327	0.262	0.354	20.69
6)	T	C025 Chloroethane	0.385	0.312	0.296	0.306	0.293	0.318	11.86
7)	T	C275 Trichlorofluoro	0.743	0.689	0.653	0.663	0.655	0.681	5.53
8)	T	C291 1,1,2-Trichloro	0.430	0.469	0.421	0.427	0.413	0.432	5.04
9)	T	C045 1,1-Dichloroeth	0.472	0.417	0.397	0.409	0.396	0.418	7.52
10)	T	C030 Methylene chlor	1.545	0.518	0.426	0.425	0.410	-----	
							LO M=	0.415	R^2=1.000
11)	T	C040 Carbon disulfid	1.536	1.393	1.273	1.308	1.209	1.344	9.42
12)	T	C036 Acrolein	0.056	0.052	0.047	0.047	0.047	0.050	8.22
13)	T	C038 Acrylonitrile	0.164	0.136	0.119	0.115	0.112	0.129	16.82
14)	T	C035 Acetone	0.142	0.097	0.085	0.083	0.088	0.099	24.80
15)	T	C300 Acetonitrile	0.056	0.042	0.038	0.037	0.038	0.042	19.02
16)	T	C255 Methyl Acetate	0.421	0.305	0.265	0.264	0.293	0.310	20.88
17)	T	C276 Iodomethane	0.341	0.473	0.494	0.563	0.522	0.479	17.54
18)	T	C962 T-butyl Methyl	1.126	1.091	0.982	0.996	1.028	1.045	5.93
19)	T	C057 trans-1,2-Dichl	0.490	0.477	0.441	0.457	0.416	0.456	6.38
20)	T	C050 1,1-Dichloroeth	0.734	0.618	0.609	0.672	0.702	0.667	8.04
21)	T	C125 Vinyl Acetate	0.591	0.642	0.622	0.639	0.558	0.610	5.86
22)	T	C051 2,2-Dichloropro	0.494	0.510	0.508	0.563	0.608	0.536	8.96
23)	T	C056 cis-1,2-Dichlor	0.357	0.328	0.330	0.367	0.403	0.357	8.61
24)	T	C272 Tetrahydrofuran	0.076	0.078	0.075	0.079	0.090	0.080	7.62
25)	T	C222 Bromochlorometh	0.155	0.149	0.145	0.152	0.158	0.152	3.30
26)	T	C060 Chloroform	0.686	0.574	0.568	0.606	0.634	0.614	7.92
27)	S	CS87 Dibromofluorome	0.380	0.330	0.295	0.288	0.283	0.315	12.91
28)	T	C256 Cyclohexane	0.494	0.605	0.567	0.600	0.613	0.576	8.53
29)	T	C115 1,1,1-Trichloro	0.553	0.534	0.525	0.557	0.574	0.549	3.50
30)	T	C120 Carbon tetrachl	0.432	0.481	0.487	0.529	0.563	0.499	9.99
31)	T	C116 1,1-Dichloropro	0.477	0.457	0.460	0.502	0.517	0.483	5.40
32)	S	CS15 1,2-Dichloroeth	0.445	0.381	0.349	0.323	0.316	0.363	14.46
33)	T	C165 Benzene	1.372	1.229	1.213	1.314	1.364	1.298	5.71
34)	T	C065 1,2-Dichloroeth	0.525	0.466	0.456	0.490	0.520	0.491	6.28
35)	T	C110 2-Butanone	0.136	0.132	0.126	0.133	0.153	0.136	7.34
36)	T	C150 Trichloroethene	0.340	0.324	0.321	0.343	0.357	0.337	4.35
37)	T	C012 Methylcyclohexa	0.412	0.535	0.524	0.565	0.596	0.526	13.24
38)	T	C140 1,2-Dichloropro	0.361	0.319	0.317	0.343	0.362	0.340	6.44
39)	T	C278 Dibromomethane	0.177	0.168	0.164	0.175	0.184	0.173	4.68
40)	T	C130 Bromodichlorome	0.432	0.382	0.381	0.415	0.424	0.407	5.91
41)	T	C161 2-Chloroethylvi	0.105	0.143	0.142	0.155	0.174	0.144	17.48
42)	T	C230 Toluene	1.541	1.311	1.276	1.363	1.385	1.375	7.43
43)	T	C170 tran-1,3-Dichlo	0.375	0.405	0.412	0.453	0.471	0.423	9.08
44)	T	C160 1,1,2-Trichloro	0.214	0.195	0.188	0.200	0.210	0.202	5.31
45)	T	C145 cis-1,3-Dichlor	0.477	0.457	0.460	0.502	0.517	0.483	5.40
46)	I	CI20 Chlorobenzene-D	ISTD						
47)	S	CS05 Toluene-D8	3.129	2.643	2.610	2.299	2.065	2.549	15.76
48)	T	C284 Ethyl Methacryl	0.653	0.797	0.778	0.799	0.787	0.763	8.09
49)	T	C220 Tetrachloroethe	0.885	0.838	0.833	0.884	0.906	0.869	3.70
50)	T	C221 1,3-Dichloropro	1.078	0.980	0.978	1.028	1.048	1.023	4.25
51)	T	C155 Dibromochlorome	0.659	0.662	0.668	0.708	0.700	0.679	3.39
52)	T	C163 1,2-Dibromoetha	0.599	0.563	0.568	0.572	0.567	0.574	2.46
53)	T	C215 2-Hexanone	0.450	0.461	0.435	0.429	0.445	0.444	2.83
54)	T	C235 Chlorobenzene	2.498	2.013	1.948	2.013	1.955	2.085	11.16

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 F

Method : C:\MSDCHEM\1\METHODS\FAFCEESOIL\A5I01762_E1.M (RTE Integrator)
Title : AFCEE SOIL
Last Update : Sun Jul 10 13:40:34 2005
Response via : Initial Calibration

Calibration Files
1 =F9508.D 2 =F9506.D 3 =F9504.D
4 =F9502.D 5 =F9500.D

			Compound	1	2	3	4	5	Avg	%RSD
55)	T	D001	1-Chlorohexane	0.987	1.089	1.076	1.105	1.063	1.064	4.30
56)	T	C281	1,1,1,2-Tetrach	0.686	0.710	0.709	0.764	0.747	0.723	4.37
57)	T	C240	Ethylbenzene	4.828	3.706	3.588	3.635	3.456	3.843	14.53
58)	T	C246	m,p-Xylene	1.748	1.424	1.403	1.486	1.542	1.520	9.09
59)	T	C247	o-Xylene	1.612	1.321	1.294	1.389	1.452	1.414	8.97
60)	T	C245	Styrene	2.031	2.110	2.134	2.330	2.407	2.203	7.21
61)	T	C180	Bromoform	0.409	0.401	0.421	0.452	0.468	0.430	6.65
62)	S	CS10	p-Bromofluorobe	1.038	0.943	0.848	0.789	0.733	0.870	14.02
63)	I	CI30	1,4-Dichloroben	----------	----------	ISTD	----------	----------	----------	
64)	T	C210	4-Methyl-2-Penta	0.669	0.710	0.675	0.672	0.724	0.690	3.63
65)	T	C966	Isopropylbenzen	3.031	3.288	3.345	3.463	3.479	-----	
								L	M= 3.498	R^2=1.000
									B= -0.092	
66)	T	C301	Bromobenzene	1.066	0.906	0.922	0.963	1.021	0.976	6.91
67)	T	C225	1,1,2,2-Tetrach	0.744	0.730	0.739	0.764	0.852	0.766	6.48
68)	T	C282	1,2,3-Trichloro	0.259	0.222	0.221	0.226	0.251	0.236	7.59
69)	T	C283	t-1,4-Dichloro-	0.188	0.210	0.205	0.212	0.228	0.209	6.95
70)	T	C302	n-Propylbenzene	4.595	4.364	4.339	4.426	4.324	4.410	2.51
71)	T	C303	2-Chlorotoluene	0.826	0.857	0.870	0.907	0.929	0.878	4.63
72)	T	C289	4-Chlorotoluene	0.971	0.900	0.902	0.967	1.046	0.957	6.29
73)	T	C304	1,3,5-Trimethyl	2.947	3.024	3.007	3.186	3.359	3.105	5.40
74)	T	C306	tert-Butylbenze	0.634	0.813	0.850	0.950	1.074	0.864	18.96
75)	T	C307	1,2,4-Trimethyl	3.078	3.058	3.027	3.153	3.195	3.102	2.25
76)	T	C308	sec-Butylbenzen	3.555	3.925	3.948	4.117	4.082	3.925	5.68
77)	T	C260	1,3-Dichloroben	2.038	1.745	1.694	1.772	1.825	1.815	7.35
78)	T	C309	4-Isopropyltolu	2.859	3.202	3.234	3.415	3.468	3.235	7.40
79)	T	C267	1,4-Dichloroben	2.262	1.781	1.726	1.800	1.850	1.884	11.47
80)	T	C249	1,2-Dichloroben	1.882	1.633	1.627	1.750	1.904	1.759	7.50
81)	T	C310	n-Butylbenzene	2.637	3.089	3.190	3.452	3.530	3.180	11.11
82)	T	C286	1,2-Dibromo-3-C	0.099	0.112	0.121	0.119	0.132	0.116	10.52
83)	T	C313	1,2,4-Trichloro	0.861	0.906	0.951	1.005	1.048	0.954	7.83
84)	T	C316	Hexachlorobutad	0.755	0.691	0.695	0.724	0.763	0.726	4.59
85)	T	C314	Naphthalene	1.537	1.815	2.013	2.103	2.187	1.931	13.47
86)	T	C934	1,2,3-Trichloro	0.964	0.973	1.049	1.140	1.215	1.068	10.14

Total Average %RSD 8.60

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005 Calibration ID: A5I0001762

2nd Source ID: A5S0000121 CCV #1 ID: A5C0004754 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
CHLOROMETHANE	250.00	296	18.4	250.00	234	-6.4			
BROMOMETHANE	250.00	277	10.8	250.00	227	-9.2			
VINYL CHLORIDE	250.00	307	22.8	250.00	244	-2.4			
BROMOCHLOROMETHANE	250.00	261	4.4	250.00	222	-11.2			
CHLOROETHANE	250.00	286	14.4	250.00	243	-2.8			
METHYLENE CHLORIDE	250.00	298	19.2	250.00	274	9.6			
ACETONE	1250.00	1210	-3.2	1250.00	1140	-8.8			
CARBON DISULFIDE	250.00	282	12.8	250.00	223	-10.8			
1,1-DICHLOROETHENE	250.00	274	9.6	250.00	246	-1.6			
1,1-DICHLOROETHANE	250.00	264	5.6	250.00	222	-11.2			
1-CHLOROHEXANE	250.00	286	14.4	250.00	225	-10.0			
cis-1,2-DICHLOROETHYLENE	250.00	271	8.4	250.00	219	-12.4			
trans-1,2-DICHLOROETHENE	250.00	292	16.8	250.00	256	2.4			
METHYLCYCLOHEXANE	250.00	286	14.4	250.00	222	-11.2			
CHLOROFORM	250.00	260	4.0	250.00	218	-12.8			
1,2-DICHLOROETHANE	250.00	254	1.6	250.00	217	-13.2			
METHYL ETHYL KETONE (2-BUTANONE)	1250.00	1210	-3.2	1250.00	1130	-9.6			
1,1,1-TRICHLOROETHANE	250.00	271	8.4	250.00	224	-10.4			
CARBON TETRACHLORIDE	250.00	279	11.6	250.00	224	-10.4			
BROMODICHLOROMETHANE	250.00	280	12.0	250.00	222	-11.2			
1,2-DICHLOROPROPANE	250.00	268	7.2	250.00	229	-8.4			
cis-1,3-DICHLOROPROPENE	250.00	260	4.0	250.00	224	-10.4			
TRICHLOROETHYLENE (TCE)	250.00	267	6.8	250.00	220	-12.0			
DIBROMOCHLOROMETHANE	250.00	275	10.0	250.00	227	-9.2			
1,1,2-TRICHLOROETHANE	250.00	259	3.6	250.00	225	-10.0			
BENZENE	250.00	267	6.8	250.00	222	-11.2			
trans-1,3-DICHLOROPROPENE	250.00	268	7.2	250.00	226	-9.6			
BROMOFORM	250.00	268	7.2	250.00	219	-12.4			
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1250.00	1250	0.0	1250.00	1160	-7.2			
2-HEXANONE	1250.00	1230	-1.6	1250.00	1140	-8.8			
TETRACHLOROETHYLENE(PCE)	250.00	278	11.2	250.00	223	-10.8			

OK SSC 12/5/05 CCB4

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005 Calibration ID: A5I0001762

2nd Source ID: A5S0000121 CCV #1 ID: A5C0004754 CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
1,1,2,2-TETRACHLOROETHANE	250.00	263	5.2	250.00	226	-9.6			
TOLUENE	250.00	267	6.8	250.00	219	-12.4			
CHLOROBENZENE	250.00	268	7.2	250.00	219	-12.4			
ETHYLBENZENE	250.00	273	9.2	250.00	213	-14.8			
STYRENE	250.00	281	12.4	250.00	226	-9.6			
XYLENES,TOTAL	750.00	812	8.3	750.00	627	-16.4			
1,1,1,2-TETRACHLOROETHANE	250.00	280	12.0	250.00	230	-8.0			
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	250.00	288	15.2	250.00	231	-7.6			
1,1-DICHLOROPROPENE	250.00	260	4.0	250.00	224	-10.4			
1,2,3-TRICHLOROBENZENE	250.00	270	8.0	250.00	212	-15.2			
1,2,3-TRICHLOROPROPANE	250.00	254	1.6	250.00	216	-13.6			
1,2,4-TRICHLOROBENZENE	250.00	270	8.0	250.00	218	-12.8			
1,2,4-TRIMETHYLBENZENE	250.00	282	12.8	250.00	221	-11.6			
1,2-DIBROMO-3-CHLOROPROPANE	250.00	272	8.8	250.00	227	-9.2			
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	250.00	264	5.6	250.00	227	-9.2			
1,2-DICHLOROBENZENE	250.00	263	5.2	250.00	214	-14.4			
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	250.00	282	12.8	250.00	221	-11.6			
1,3-DICHLOROBENZENE	250.00	270	8.0	250.00	213	-14.8			
1,3-DICHLOROPROPANE	250.00	266	6.4	250.00	222	-11.2			
1,4-DICHLOROBENZENE	250.00	262	4.8	250.00	210	-16.0			
2,2-DICHLOROPROPANE	250.00	263	5.2	250.00	220	-12.0			
2-CHLOROTOLUENE	250.00	280	12.0	250.00	227	-9.2			
P-CYMENE (p-ISOPROPYLTOLUENE)	250.00	306	22.4	250.00	232	-7.2			
BROMOBENZENE	250.00	265	6.0	250.00	213	-14.8			
CYCLOHEXANE	250.00	284	13.6	250.00	219	-12.4			
DIBROMOMETHANE	250.00	265	6.0	250.00	228	-8.8			
DICHLORODIFLUOROMETHANE	250.00	283	13.2	250.00	217	-13.2			
METHYL ACETATE	250.00	226	-9.6	250.00	222	-11.2			
NAPHTHALENE	250.00	263	5.2	250.00	215	-14.0			
O-XYLENE (1,2-DIMETHYLBENZENE)	250.00	271	8.4	250.00	209	-16.4			
TRICHLOROFLUOROMETHANE	250.00	302	20.8	250.00	252	0.8			

OK SSC L25060 8/8/05

OK SSC L25220 8/8/05

AFCEE
ORGANIC ANALYSES DATA SHEET 4
CALIBRATION VERIFICATION

Analytical Method: 8260-A98 | AAB #: A5B10855

Lab Name: STL Buffalo | Contract: _____

Instrument ID: HP5973F | Date of Calibration: 9-Jul-2005 | Calibration ID: A5I0001762

2nd Source ID: A5S0000121 | CCV #1 ID: A5C0004754 | CCV #2 ID: _____

Concentration Units: ng

Analyte	2nd Source Calibration			Continuing Calibration Verification					Q
	Expected	Found	% D	Expected 1	Found 1	% D	Found 2	% D	
n-BUTYLBENZENE	250.00	298	19.2	250.00	231	-7.6			
n-PROPYLBENZENE	250.00	289	15.6	250.00	227	-9.2			
4-CHLOROTOLUENE	250.00	279	11.6	250.00	216	-13.6			
SEC-BUTYLBENZENE	250.00	284	13.6	250.00	231	-7.6			
tert-BUTYL METHYL ETHER	250.00	273	9.2	250.00	248	-0.8			
t-BUTYLBENZENE	250.00	292	16.8	250.00	225	-10.0			
HEXACHLOROBUTADIENE	250.00	274	9.6	250.00	214	-14.4			
ISOPROPYLBENZENE (CUMENE)	250.00	308	23.2	250.00	224	-10.4			
M,P-XYLENE(SUM OF ISOMERS)	500.00	541	8.2	500.00	418	-16.4			

OK SSL LCS only

Comments:
See Case Narrative

AFCEE
ORGANIC ANALYSES DATA SHEET 5
SPCC AND CCC CALIBRATION

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Date of Calibration: 9-Jul-2005

SPCC #1 ID: A5I0001762 SPCC #2 ID: A5C0004754 SPCC #3 ID: _____

CCC #1 ID: A5C0004754 CCC #2 ID: _____ Concentration Units: ng

Analyte	SPCC #1		SPCC #2		SPCC #3		CCC #1			CCC #2			Q
	RF	Min RF	RF	Min RF	RF	Min RF	Expected	Found	% D	Expected	Found	% D	
CHLOROMETHANE	0.6080	0.1000	0.5699	0.1000									
VINYL CHLORIDE							250.00	244	2.4				
1,1-DICHLOROETHENE							250.00	246	1.6				
1,1-DICHLOROETHANE	0.6670	0.1000	0.5914	0.1000									
CHLOROFORM							250.00	218	12.8				
1,2-DICHLOROPROPANE							250.00	229	8.4				
BROMOFORM	0.4300	0.1000	0.3772	0.1000									
1,1,2,2-TETRACHLOROETHANE	0.7660	0.3000	0.6911	0.3000									
TOLUENE							250.00	219	12.4				
CHLOROBENZENE	2.0850	0.3000	1.8265	0.3000									
ETHYLBENZENE							250.00	213	14.8				

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/KG Method Blank ID: A5B1085502

Initial Calibration ID: A5I0001762

Analyte	Method Blank	RL	Q
1,1,1,2-TETRACHLOROETHANE	0.20	3.0	
1,1,1-TRICHLOROETHANE	0.11	5.0	
1,1,2,2-TETRACHLOROETHANE	0.23	3.0	
1,1,2-TRICHLOROETHANE	0.20	5.0	
1,1-DICHLOROETHANE	0.22	5.0	
1,1-DICHLOROETHENE	0.21	6.0	
1,1-DICHLOROPROPENE	0.24	5.0	
1,2,3-TRICHLOROBENZENE	0.24	5.0	
1,2,3-TRICHLOROPROPANE	0.85	5.0	
1,2,4-TRICHLOROBENZENE	0.64	5.0	
1,2,4-TRIMETHYLBENZENE	0.22	6.0	
1,2-DICHLOROETHANE	0.10	3.0	
1,2-DICHLOROBENZENE	0.16	5.0	
1,2-DIBROMO-3-CHLOROPROPANE	0.66	10	
1,2-DICHLOROPROPANE	0.18	5.0	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.25	5.0	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	0.14	5.0	
1,3-DICHLOROBENZENE	0.22	6.0	
1,3-DICHLOROPROPANE	0.20	2.0	
1,4-DICHLOROBENZENE	0.27	2.0	
1-CHLOROHEXANE	0.26	5.0	
2,2-DICHLOROPROPANE	0.25	5.0	
2-CHLOROTOLUENE	0.15	5.0	
4-CHLOROTOLUENE	0.32	5.0	
ACETONE	3.7	50	
BENZENE	0.12	2.0	
BROMOBENZENE	0.34	5.0	
BROMOCHLOROMETHANE	0.48	5.0	
BROMODICHLOROMETHANE	0.21	2.0	
BROMOFORM	0.56	6.0	
BROMOMETHANE	0.72	10	
CARBON TETRACHLORIDE	0.17	5.0	
CHLOROBENZENE	0.21	2.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/KG Method Blank ID: A5B1085502

Initial Calibration ID: A5I0001762

Analyte	Method Blank	RL	Q
CHLOROETHANE	0.28	5.0	
CHLOROFORM	0.23	2.0	
CHLOROMETHANE	0.29	5.0	
cis-1,2-DICHLOROETHYLENE	0.34	5.0	
cis-1,3-DICHLOROPROPENE	0.24	3.0	
DIBROMOCHLOROMETHANE	0.46	3.0	
DIBROMOMETHANE	0.32	5.0	
DICHLORODIFLUOROMETHANE	0.26	5.0	
ETHYLBENZENE	0.11	5.0	
HEXACHLOROBUTADIENE	0.47	3.0	
ISOPROPYLBENZENE (CUMENE)	0.25	5.0	
M,P-XYLENE(SUM OF ISOMERS)	1.0	5.0	
METHYLENE CHLORIDE	4.3	5.0	
tert-BUTYL METHYL ETHER	0.16	20	
METHYL ETHYL KETONE (2-BUTANONE)	1.2	20	
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	2.1	20	
n-BUTYLBENZENE	0.16	5.0	
n-PROPYLBENZENE	0.20	5.0	
NAPHTHALENE	0.42	5.0	
O-XYLENE (1,2-DIMETHYLBENZENE)	0.22	5.0	
P-CYMENE (p-ISOPROPYLTOLUENE)	0.19	6.0	
SEC-BUTYLBENZENE	0.22	5.0	
STYRENE	0.17	5.0	
TRICHLOROETHYLENE (TCE)	0.22	5.0	
t-BUTYLBENZENE	0.20	5.0	
TETRACHLOROETHYLENE(PCE)	0.26	5.0	
TOLUENE	0.39	5.0	
trans-1,2-DICHLOROETHENE	0.26	5.0	
trans-1,3-DICHLOROPROPENE	0.21	5.0	
TRICHLOROFLUOROMETHANE	0.28	5.0	
VINYL CHLORIDE	0.16	5.0	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.36	5.0	
CARBON DISULFIDE	0.16	5.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract #: _____

Concentration Units (ug/L or mg/kg): UG/KG Method Blank ID: A5B1085502

Initial Calibration ID: A5I0001762

Analyte	Method Blank	RL	Q
METHYL ACETATE	0.40	5.0	
CYCLOHEXANE	0.27	5.0	
METHYLCYCLOHEXANE	0.24	5.0	
2-HEXANONE	0.90	20	
XYLENES,TOTAL	1.0	15	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	105	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	90	84 - 118	
1,2-DICHLOROETHANE-d4	94	52 - 149	
DIBROMOFLUOROMETHANE	96	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	405876	231473 - 925892	
CHLOROBENZENE-d5	156079	95587 - 382346	
1,4-DICHLOROBENZENE-d4	136112	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10855
Lab Name: SIL Buffalo Contract #: _____
LCS ID: A5B1085501 Units: UG/KG
Initial Calibration ID: A5I0001762

Analyte	Expected	Found	%R	Control Limits	Q
ACETONE	250	276	109	40 - 141	
BENZENE	50.0	46.5	93	73 - 126	
BROMOBENZENE	50.0	44.8	90	66 - 121	
BROMOCHLOROMETHANE	50.0	48.0	96	71 - 127	
BROMODICHLOROMETHANE	50.0	47.6	95	72 - 128	
BROMOFORM	50.0	48.4	97	66 - 137	
BROMOMETHANE	50.0	49.3	98	45 - 141	
METHYL ETHYL KETONE (2-BUTANONE)	250	259	104	40 - 135	
n-BUTYLBENZENE	50.0	47.9	96	65 - 138	
SEC-BUTYLBENZENE	50.0	47.4	95	63 - 132	
t-BUTYLBENZENE	50.0	46.1	92	65 - 132	
CARBON DISULFIDE	50.0	46.5	93	60 - 140	
CARBON TETRACHLORIDE	50.0	47.3	95	67 - 133	
CHLOROBENZENE	50.0	45.1	90	75 - 123	
CHLOROETHANE	50.0	52.1	104	41 - 141	
CHLOROFORM	50.0	46.2	92	72 - 124	
CHLOROMETHANE	50.0	48.5	97	51 - 129	
2-CHLOROTOLUENE	50.0	47.1	94	69 - 128	
4-CHLOROTOLUENE	50.0	45.2	90	73 - 126	
CYCLOHEXANE	50.0	45.0	90	60 - 140	
DIBROMOCHLOROMETHANE	50.0	49.6	99	66 - 130	
1,2-DIBROMO-3-CHLOROPROPANE	50.0	49.5	99	49 - 135	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	50.0	49.0	98	70 - 124	
DIBROMOMETHANE	50.0	49.4	99	73 - 128	
1,2-DICHLOROBENZENE	50.0	44.5	89	74 - 120	
1,3-DICHLOROBENZENE	50.0	44.3	89	72 - 124	
1,4-DICHLOROBENZENE	50.0	44.1	88	72 - 125	
DICHLORODIFLUOROMETHANE	50.0	43.7	87	34 - 136	
1,1-DICHLOROETHANE	50.0	46.2	92	73 - 125	
1,2-DICHLOROETHANE	50.0	46.5	93	72 - 137	
1,1-DICHLOROETHENE	50.0	52.3	105	65 - 136	
cis-1,2-DICHLOROETHYLENE	50.0	46.1	92	67 - 125	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10855
Lab Name: STL Buffalo Contract #: _____
LCS ID: A5B1085501 Units: UG/KG
Initial Calibration ID: A5I0001762

Analyte	Expected	Found	%R	Control Limits	Q
trans-1,2-DICHLOROETHENE	50.0	54.5	109	66 - 134	
1,2-DICHLOROPROPANE	50.0	46.6	93	71 - 120	
1,3-DICHLOROPROPANE	50.0	47.9	96	76 - 123	
2,2-DICHLOROPROPANE	50.0	46.8	94	67 - 134	
1,1-DICHLOROPROPENE	50.0	48.0	96	70 - 135	
cis-1,3-DICHLOROPROPENE	50.0	48.0	96	72 - 126	
trans-1,3-DICHLOROPROPENE	50.0	49.3	99	65 - 127	
ETHYLBENZENE	50.0	43.9	88	74 - 127	
2-HEXANONE	250	266	107	47 - 147	
HEXACHLOROBUTADIENE	50.0	41.0	82	53 - 142	
ISOPROPYLBENZENE (CUMENE)	50.0	45.6	91	77 - 129	
P-CYMENE (p-ISOPROPYLTOLUENE)	50.0	47.7	96	75 - 133	
METHYL ACETATE	50.0	55.7	111	60 - 140	
METHYLCYCLOHEXANE	50.0	45.4	91	60 - 140	
METHYLENE CHLORIDE	50.0	61.8	115	63 - 137	
METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	250	266	106	47 - 147	
NAPHTHALENE	50.0	47.6	95	51 - 135	
n-PROPYLBENZENE	50.0	46.8	94	63 - 135	
STYRENE	50.0	47.2	94	74 - 128	
1,1,1,2-TETRACHLOROETHANE	50.0	47.6	95	74 - 125	
1,1,2,2-TETRACHLOROETHANE	50.0	50.6	101	59 - 140	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	50.0	47.6	95	60 - 140	
TETRACHLOROETHYLENE(PCE)	50.0	46.4	93	67 - 139	
TOLUENE	50.0	45.6	91	71 - 127	
1,2,3-TRICHLOROBENZENE	50.0	44.7	89	62 - 133	
1,2,4-TRICHLOROBENZENE	50.0	45.5	91	65 - 131	
1,1,1-TRICHLOROETHANE	50.0	46.8	94	68 - 130	
1,1,2-TRICHLOROETHANE	50.0	48.7	98	62 - 127	
TRICHLOROETHYLENE (TCE)	50.0	45.7	91	77 - 124	
TRICHLOROFLUOROMETHANE	50.0	52.0	104	49 - 139	
1,2,3-TRICHLOROPROPANE	50.0	48.4	97	63 - 130	
1,2,4-TRIMETHYLBENZENE	50.0	46.5	93	65 - 135	

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: SIL Buffalo Contract #: _____

LCS ID: A5B1085501 Units: UG/KG

Initial Calibration ID: A5I0001762

Analyte	Expected	Found	%R	Control Limits	Q
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	50.0	46.2	92	65 - 133	
VINYL CHLORIDE	50.0	51.2	102	58 - 126	
XYLENES,TOTAL	150	128	85	60 - 140	
tert-BUTYL METHYL ETHER	50.0	54.1	108	50 - 135	
1-CHLOROHEXANE	50.0	47.1	94	60 - 135	
O-XYLENE (1,2-DIMETHYLBENZENE)	50.0	42.4	85	77 - 125	
M,P-XYLENE(SUM OF ISOMERS)	100	85.7	85	79 - 126	

Surrogate	Recovery	Control Limits	Qualifier
TOLUENE-D8	97	84 - 116	
1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE	93	84 - 118	
1,2-DICHLOROETHANE-d4	95	52 - 149	
DIBROMOFLUOROMETHANE	93	65 - 135	

Internal Std	Area Counts	Area Count Limits	Qualifier
FLUOROBENZENE	450500	231473 - 925892	
CHLOROBENZENE-d5	189757	95587 - 382346	
1,4-DICHLOROBENZENE-d4	178077	88160 - 352640	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: 8260-A98 AAB#: A5B10855

Lab Name: STL Buffalo Contract #: _____

Field Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
B43SSBSG	27-Jun-2005	28-Jun-2005	11-Jul-2005	14.00	14.00	11-Jul-2005	14.00	14.00	
B43SSBWC	27-Jun-2005	28-Jun-2005	11-Jul-2005	14.00	14.00	11-Jul-2005	14.00	14.00	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: 8260-A98 AAB#: A5B10855

Lab Name: STL Buffalo Contract #:

Instrument ID#: HP5973F

Field Sample ID/Std ID Blank ID/QC Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
A5C0004754	11-Jul-2005	1001	11-Jul-2005	1035
MSB02	11-Jul-2005	1036	11-Jul-2005	1100
VBLK02	11-Jul-2005	1101	11-Jul-2005	1138
ZZZZZZZZZZZZZZZZZZZZ	11-Jul-2005	1139	11-Jul-2005	1203
ZZZZZZZZZZZZZZZZZZZZ	11-Jul-2005	1204	11-Jul-2005	1239
ZZZZZZZZZZZZZZZZZZZZ	11-Jul-2005	1240	11-Jul-2005	1254
ZZZZZZZZZZZZZZZZZZZZ	11-Jul-2005	1255	11-Jul-2005	1319
B43SSBWC	11-Jul-2005	1320	11-Jul-2005	1345
B43SSBSG	11-Jul-2005	1346	11-Jul-2005	1411

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Compound: BFB Injection Date/Time: 9-Jul-2005 13:00

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	23.0	
75	30.0 - 60.0% of mass 95	52.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.3	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	85.4	
175	5.0 - 9.0% of mass 174	5.7 (6.7) 1	
176	95.0 - 101.0% of mass 174	82.6 (96.7) 1	
177	5.0 - 9.0% of mass 176	5.8 (7.0) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD040	09-Jul-2005	1330
VSTD020	09-Jul-2005	1405
VSTD010	09-Jul-2005	1440
VSTD004	09-Jul-2005	1515
VSTD0.4	09-Jul-2005	1551
VSTD010	10-Jul-2005	1130

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method: 8260-A98 AAB #: A5B10855

Lab Name: STL Buffalo Contract: _____

Instrument ID: HP5973F Compound: BFB Injection Date/Time: 11-Jul-2005 09:06

Mass	ION Abundance Criteria	% Relative Abundance	Q
50	15.0 - 40.0% of mass 95	23.2	
75	30.0 - 60.0% of mass 95	50.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.5	
173	Less than 2.0% of mass 174	0.0 (0.0) 1	
174	50 - 120 % of mass 95	86.2	
175	5.0 - 9.0% of mass 174	7.2 (8.3) 1	
176	95.0 - 101.0% of mass 174	84.6 (98.2) 1	
177	5.0 - 9.0% of mass 176	5.2 (6.2) 2	

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

Field Sample #/ Std ID/ Blank ID/ QC Sample ID	Date Analyzed	Time Analyzed
VSTD010	11-Jul-2005	1001
MSB02	11-Jul-2005	1036
VBLK02	11-Jul-2005	1101
B43SSBWC	11-Jul-2005	1320
B43SSBSG	11-Jul-2005	1346

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-6677
SDG No: 0605QD

Client Sample ID	Lab Sample ID	S1 BFB #	S2 DBF #	S3 DCE #	S4 TOL #
062705AE	A5667720	92	97	92	96
062705AF	A5667721	90	95	91	94
062705AR	A5667719	89	94	91	92
msb17	A5B1021901	98	98	94	99
VBLK17	A5B1021902	92	96	93	98

			QC Limits
S1	BFB	= p-Bromofluorobenzene	(76 - 119)
S2	DBF	= Dibromofluoromethane	(85 - 115)
S3	DCE	= 1,2-Dichloroethane-D4	(72 - 119)
S4	TOL	= Toluene-D8	(81 - 120)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-6677
SDG No: 0605QD

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
B43SSABC	A5667707	91		99		98		106	
B43SSABG	A5667708	90		99		96		103	
B43SSAEC	A5667705	93		103		99		111	
B43SSAEG	A5667706	94		100		100		108	
B43SSASC	A5667703	92		97		93		107	
B43SSASG	A5667704	91		95		94		105	
B43SSAWC	A5667701	92		98		96		106	
B43SSAWG	A5667702	90		96		94		104	
B43SSBBC	A5667713	100		96		94		101	
B43SSBBG	A5667714	100		96		99		104	
B43SSBEC	A5667717	93		97		94		103	
B43SSBEG	A5667718	88		103		100		106	
B43SSBNC	A5667711	93		106		101		111	
B43SSBNG	A5667712	92		105		101		107	
B43SSBSC	A5667715	96		99		96		107	
B43SSBSG	A5667716	95		97		95		106	

QC Limits

S1	BFB	=	p-Bromofluorobenzene	(84 - 118)
S2	DBF	=	Dibromofluoromethane	(65 - 135)
S3	DCE	=	1,2-Dichloroethane-D4	(52 - 149)
S4	TOL	=	Toluene-D8	(84 - 116)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-6677
SDG No: 0605QD

Client Sample ID	Lab Sample ID	S1 BFB	#	S2 DBF	#	S3 DCE	#	S4 TOL	#
B43SSBWC	A5667709	93		98		94		107	
B43SSBWG	A5667710	92		100		100		109	
MSB02	A5B1085501	93		93		95		97	
MSB93	A5B1085401	98		96		94		104	
VBLK02	A5B1085502	90		96		94		105	
VBLK93	A5B1085402	95		100		95		109	

QC Limits

S1 BFB = p-Bromofluorobenzene (84 - 118)
S2 DBF = Dibromofluoromethane (65 - 135)
S3 DCE = 1,2-Dichloroethane-D4 (52 - 149)
S4 TOL = Toluene-D8 (84 - 116)

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

AFCEE - METHOD 8260 - VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-6677
SDG No: 0605QD

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
062705AE	A5667720	90		87		91	
062705AF	A5667721	91		87		91	
062705AR	A5667719	94		90		94	
msb17	A5B1021901	92		93		93	
VBLK17	A5B1021902	90		87		90	

QC Limits

IS1 CBZ = Chlorobenzene-D5 (50 - 200)
IS2 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)
IS3 FB = Fluorobenzene (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
SOIL INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-6677
SDG No: 0605QD

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
B43SSABC	A5667707	78		67		76	
B43SSABG	A5667708	82		68		79	
B43SSAEC	A5667705	82		70		81	
B43SSAEG	A5667706	80		69		79	
B43SSASC	A5667703	85		75		85	
B43SSASG	A5667704	89		76		88	
B43SSAWC	A5667701	96		83		94	
B43SSAWG	A5667702	92		79		90	
B43SSBBC	A5667713	83		80		76	
B43SSBBG	A5667714	86		84		80	
B43SSBEC	A5667717	79		71		75	
B43SSBEG	A5667718	76		62		74	
B43SSBNC	A5667711	78		67		77	
B43SSBNG	A5667712	78		65		74	
B43SSBSC	A5667715	83		72		83	
B43SSBSG	A5667716	75		69		82	

QC Limits

IS1 CBZ = Chlorobenzene-D5 (50 - 200)
IS2 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)
IS3 FB = Fluorobenzene (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
SOIL INTERNAL STANDARDS RECOVERY

Laboratory: STL Buffalo
Lab Job No: A05-6677
SDG No: 0605QD

Client Sample ID	Lab Sample ID	IS1 CBZ	#	IS2 DCB	#	IS3 FB	#
B43SSBWC	A5667709	76		71		83	
B43SSBWG	A5667710	74		62		74	
MSB02	A5B1085501	99		101		97	
MSB93	A5B1085401	104		96		96	
VBLK02	A5B1085502	82		77		88	
VBLK93	A5B1085402	89		78		88	

QC Limits

IS1 CBZ = Chlorobenzene-D5 (50 - 200)
IS2 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)
IS3 FB = Fluorobenzene (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0004487

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0605QD

Lab File ID (Standard): N7583.RR Date Analyzed: 07/06/2005

Instrument ID: HP5973N Time Analyzed: 22:02

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		1022713		8.08		409976		10.46		1519391		5.28	
	UPPER LIMIT		2045426		8.58		819952		10.96		3038782		5.78	
	LOWER LIMIT		511357		7.58		204988		9.96		759696		4.78	
	CLIENT SAMPLE	Lab Sample ID												
1	062705AE	A5667720	925938		8.08		356557		10.46		1388519		5.28	
2	062705AF	A5667721	931676		8.08		357874		10.46		1384360		5.28	
3	062705AR	A5667719	964543		8.08		367272		10.46		1432778		5.28	
4	msb17	A5B1021901	944483		8.08		382358		10.46		1415956		5.28	
5	VBLK17	A5B1021902	918168		8.08		357777		10.46		1374130		5.28	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0004754

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0605QD

Lab File ID (Standard): F9539.RR Date Analyzed: 07/11/2005

Instrument ID: HP5973F Time Analyzed: 10:01

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) Y

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		191173		6.92		176320		9.36		462946		4.25	
	UPPER LIMIT		382346		7.42		352640		9.86		925892		4.75	
	LOWER LIMIT		95587		6.42		88160		8.86		231473		3.75	
	CLIENT SAMPLE	Lab Sample ID												
1	B43SSBSG	A5667716	143189		6.92		121898		9.36		379233		4.25	
2	B43SSBWG	A5667709	144952		6.92		124720		9.36		382611		4.25	
3	MSB02	A5B1085501	189757		6.92		178077		9.36		450500		4.25	
4	VBLK02	A5B1085502	156079		6.92		136112		9.37		405876		4.25	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

AFCEE - METHOD 8260 - VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0004756

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0605QD

Lab File ID (Standard): F9511.RR Date Analyzed: 07/10/2005

Instrument ID: HP5973F Time Analyzed: 10:01

GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) Y

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (FB) AREA	#	RT	#
	12 HOUR STD		176320		6.92		176320		9.36		462946		4.25	
	UPPER LIMIT		352640		7.42		352640		9.86		925892		4.75	
	LOWER LIMIT		88160		6.42		88160		8.86		231473		3.75	
	CLIENT SAMPLE	Lab Sample ID												
1	B43SSABC	A5667707	137373		6.92		118886		9.37		353249		4.25	
2	B43SSABG	A5667708	145223		6.92		119674		9.36		366159		4.25	
3	B43SSAEC	A5667705	145060		6.92		123580		9.36		374212		4.25	
4	B43SSAEG	A5667706	140460		6.92		122075		9.36		363901		4.25	
5	B43SSASC	A5667703	149344		6.92		131641		9.36		394803		4.25	
6	B43SSASG	A5667704	156286		6.92		134885		9.36		406161		4.25	
7	B43SSAWC	A5667701	168506		6.92		146266		9.36		435228		4.25	
8	B43SSAWG	A5667702	162694		6.92		139667		9.37		418652		4.25	
9	B43SSBBC	A5667713	146796		6.92		140709		9.36		350549		4.25	
10	B43SSBBG	A5667714	151517		6.92		148475		9.37		372735		4.25	
11	B43SSBEC	A5667717	140099		6.92		125702		9.36		348199		4.25	
12	B43SSBEG	A5667718	134111		6.92		109469		9.36		342713		4.25	
13	B43SSBNC	A5667711	138228		6.92		118511		9.36		354842		4.25	
14	B43SSBNG	A5667712	137222		6.92		115470		9.37		343711		4.25	
15	B43SSBSC	A5667715	147202		6.92		126185		9.36		385308		4.25	
16	B43SSBWG	A5667710	130473		6.92		109450		9.37		340814		4.25	
17	MSB93	A5B1085401	182792		6.92		170033		9.36		444183		4.25	
18	VBLK93	A5B1085402	156793		6.92		138102		9.36		409228		4.25	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = CHLOROBENZENE-d5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-DICHLOROBENZENE-d4	(50-200)	-0.50 / +0.50 min
IS3 (FB) = FLUOROBENZENE	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

GCMS VOLATILE INJECTION LOG

DA	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX
7/6	2004	LA	N7579	A5663303	6633	25mL	7	1	7	15512AR
	2045		N7580	A5663601	6636					
	2112		N7581	02						
7/6	2115	CDC	N7582	07CCV50NG	QC	1mL		—	WS10-2	
	2208		N7583	VSTD50.0		25L			WS9AR-3 WS9BD-6	15512AR/10
	2227		N7584	MSD					WS10-1 WS6AX-7 WS10BC-5 WS12E3-7	
	2251		N7585	VBLK17						
	2322		N7586	A5667719	6677			i		
	2345		N7587	20						
7/7	0009		N7588	21						
	0033		N7589	A5675112	6752					
	0056		N7590	13						
	0119		N7591	14						
	0143		N7592	A5664D1	6662			2		
	0206		N7593	A5675101	6751			5		
	0230		N7594	02				5		
	0254		N7595	02FD				5		
	0318		N7596	03						
	0341		N7597	04						
	0405		N7598	05						
	0429		N7599	06						
	0453		N7600	07						
	0516		N7601	07FD						
	0540		N7602	07MS						
	0604		N7603	07SD					WS10-1 WS6AX-7 WS10BC-5 WS12E3-7	
	0628		N7604	08						
	0651		N7605	09						
	0715		N7606	10						
	0739		N7607	11						

STL BUFFALO

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Reviewed By _____ NO. _____

GCMS VOLATILE INJECTION LOG

DARD MIX #	I.S. / SS MIX
7	1SS12AR2 | 10
↓	↓
↓	↓
8BD-6	1SS1AR4 | 10
LWS1WSC-5 WS2ES-7	

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
07/09/05	1300	CMB	F9499	0709BFBF2	QC	5ul	5.0g	—	WS1W-2	IS512AS/I
	1330		F9500	VSTD200					WS1WBS-6, WSIBF-3	
	—		F9501	VSTD200						
	1405		F9502	VSTD100						
	—		F9503	VSTD100						
	1440		F9504	VSTD050						
	—		F9505	VSTD050						
	1515		F9506	VSTD020						
	—		F9507	VSTD020						
	1551		F9508	VSTD002						
	—		F9509	VSTD002						
	0936	BG	F9510	0710BFBF1	QC	1ul	—	—	WS1W-2	IS512AS/WZS
07/10/05	1001		F9511	VSTD010		5ul	5g		WS19BE-6, WS19BF-3	
	1031		F9512	MSB/SS Cal					WS19BE-6 WS12BC-10, WS13FB-4	
	1100		F9513	VBLK						
	1130		F9514	MSB/SS cal					WS19BE-6, WS12BC-10, WS13FB-4	
	1200		F9515	A5667701	6677		5.22	1		
	1229		F9516	02			5.20	1		
	1259		F9517	03			5.36	1		
	1328		F9518	04			5.24	1		
	1358		F9519	05			5.27	1		
	1427		F9520	06			5.12	1		
	1457		F9521	08			5.14	1		
	1526		F9522	11			5.24	1		
	1556		F9523	12			5.23	1		
	1625		F9524	15			5.25	1		
	1655		F9525	16 1g			1.00	5		
	1724		F9526	18			5.16	1		
	1754		F9527	07			5.14	1		

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
										Pass
										AFCEE soil
										E1 ASE 1762
										E2 ASE 1763
										Pass (ASE 1762) E1 AFCEE soil (N.6)
	88	82	78	100	95	109	95			
	96	96	96	96	95	104	95			
	94	88	83	98	96	106	92			
	90	85	79	96	94	102	90			
	85	78	75	97	93	107	92			
	88	82	77	95	94	105	91			
	81	76	70	103	99	110	93			
	79	73	69	100	100	109	94			
	79	76	68	99	96	103	90			
	77	72	67	106	101	111	93			
	74	72	65	105	101	107	92			
	83	77	72	99	96	107	96			
	67	(46)	(28)	108	101	(129)	(74)	Y		diln/sls out
	74	70	62	103	100	106	88			
	76	72	67	99	98	106	91			

Date _____ 000003 NO. _____ Page 2

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
07/10/05	1823	QMB	F9528	AS667709 1g	6677	5ml	1.02	5		IS12AS/SS10IS
	1848		F9529	AS681601	6816		5.03	1		
	194		F9530	" 02	"	"	5.01	1		
	1942		F9531	AS667710	6677	5ml	5.31	1		
	2007		F9532	17			5.20	1		
	2031		F9533	13			5.31	1		
	2057		F9534	14			5.40	1		
	2120		F9535	14MS			5.00	1	WS19BE-6, WS19BF-3	
	2145		F9536	14SD			5.09	1		
07/11/05	0906	QMB	F9537	0711BFBF1	QC	5ml	5.04	—	WS14-2	IS12AY/SW1
	0936		F9538	VSTD050 -10.6						
	1001		F9539	VSTD050						
	1036		F9540	MS13-Full						
	1101		F9541	WBIK 02						
	1139		F9542	AS667709 09 1.0g	6677	5ml	1.00			
	1204		F9543	16 1.0g			1.00			
	1240		F9544	16MS 1.0g			1.17			
	1255		F9545	16SD 1.0g			1.12			
	1320		F9546	09 5.0g			5.16			
	1346		F9547	16 5.0g			5.27			
07/12/05	2059		F9548	0712BFBF1	QC	5ml	5.04	—	WS14-2	SS01HS/SS
			F9549	VSTD200					WS19BE-7, WS19BF-8	
			F9550	VSTD200						
			F9551	VSTD100						
			F9551	VSTD100						
			F9552	VSTD050						
			F9553	VSTD050						
			F9554	VSTD020						
			F9555	VSTD020						

STL BUFFALO

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GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	62	(43)	(29)	107	99	(128)	(76)	X	—	6/SUSS. out
	77	71	63	99	99	111	94			
	72	67	60	102	99	108	91			
	74	68	62	100	100	109	92			
	75	73	71	97	94	103	94			
	76	77	80	96	94	101	100			
	81	79	84	96	99	104 avg	100			
	85	84	89	95	91	~~105~~ 105 07/11/05	106			not required
	85	84	89	95	91	105	106		↓	↓
										pass
										not used JMS 07/11/05
										APE22 soil ASI 1762 21
	97	99	101	93	95	97	93		—	
	88	82	77	96	94	105	91		—	
	80	72	67	100	100	111	96	Y		5.0g
	83	75	69	93	91	103	91	Y		5.0g
	—	59	58	—	—	118	113			Not required SUSS/blank
	—	60	55	—	—	117	111		↓	↓
	83	76	71	98	94	107	93		—	
	82	75	69	97	95	106	95			
										ASI 1787 S1 8260 soil
										ASI 1788 S2 8260 soil
										curve not used
									↓	did not pass JMS 07/13/05

Date _____

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
07/10/05	1823	QMS	F9528	AS667709 1g	6677	5uL	1.02	5		IS24S/SS10IS
	1848		F9529	AS681601	6816		5.03	1		
	194		F9530	" 02	"		5.01	1		
	1942		F9531	AS667710	6677		5.31	1		
	2007		F9532	17			5.20	1		
	2031		F9533	13			5.31	1		
	2057		F9534	14			5.40	1		
	2120		F9535	14MS			5.00	1	WS19BE-6, WS19BF-3	
	2145		F9536	14SD			5.09	1		
07/11/05	0900	QMS	F9537	0711BFBF1	QC	5uL	5.04		WS11L-2	ISS12A/SS11
	0936		F9538	VSTD050 -10.0						
	1001		F9539	VSTD050						
	1036		F9540	MS13-Full						
	1101		F9541	WBIK 02						
	1139		F9542	AS66077 09 1.0g	66077	5uL	1.00			
	1204		F9543	16 1.0g			1.00			
	1240		F9544	16MS 1.0g			1.17			
	1255		F9545	16SD 1.0g			1.12			
	1320		F9546	09 5.0g			5.16			
	1346		F9547	16 5.0g			5.27			
07/12/5	2059		F9548	0712BFBF1	QC	5uL	5.04		WS11L-2	ISS01HS/SS
			F9549	VSTD200					WS19BZ-7, WS19BF-8	
			F9550	VSTD200						
			F9551	VSTD100						
			F9552	VSTD050						
			F9553	VSTD050						
			F9554	VSTD020						
			F-9555	VSTD010						

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
	62	(43)	(29)	107	99	(128)	(76)	X	—	GS/SCSS out
	77	71	63	99	99	111	94			
	72	67	60	102	99	108	91			
	74	68	62	100	100	109	92			
	75	73	71	97	94	103	94			
	76	77	80	96	94	101	100			
	81	79	84	96	99	124 qns	100			
	85	84	89	95	91	~~105~~ 105 07/11/05	106			not required
	85	84	89	95	91	105	106		↓	↓
										pass
										not used QMS 07/11/05
										AFCEE soil ASI 1762 S1
	97	99	101	93	95	97	93		—	
	88	82	77	96	94	105	91		—	
	80	72	67	100	100	111	96	Y		5.0g
	83	75	69	93	91	103	91	Y		5.0g
	—	59	58	—	—	118	113			Not Required SCSS/GS out
	—	60	55	—	—	117	111		↓	↓
	83	76	71	98	94	107	93		—	
	82	75	69	97	95	106	95			
										ASI 1787 S1 8260 soil
										ASI 1788 S2 8260 Soil
										Cause not used and not pass QMS 07/13/05
									↓	

Date _____ 000005 NO. _____ Page 2

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****
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AIMS DATA VALIDATION TESTS

Run Date: 08/08/2005
by: PUSTELND

Validation Filter:
Job: A05-6677
Fraction(s): MV

****
****

Out-of-Sequence Sample and Received Date/Time : No exceptions found

Out-of-Sequence S/R and Prep Date/Time : No exceptions found

Out-of-Sequence S/R and TCLP Date/time : No exceptions found

Out-of-Sequence S/R and Analysis Date/Time : No exceptions found

Out-of-Sequence Prep and TCLP Date/time : No exceptions found

Out-of-Sequence Prep and Analysis Date/Time : No exceptions found

Out-of-Sequence TCLP and Analysis Date/Time : No exceptions found

Date Entered Exceeds Current Date : No exceptions found

Missed Analysis Holding Times : No exceptions found

Missed Prep Holding Times : No exceptions found

Missed TCLP Holding Times : No exceptions found

Analysis Dates Not Entered : No exceptions found

Calculation Dates Not Set : No exceptions found

Invalid Calculation Date : No exceptions found

Sample/Tests with No Results : No exceptions found

Sample Weights and Volumes Not Entered : No exceptions found

% Dry Weights Not Entered : No exceptions found

pH Not Entered : No exceptions found

Missing TIC Results : No exceptions found

Tests Not Closed : No exceptions found

****
Method Blank Hits (or errors) : Exception list

Job	Lab Sample	Test	Parameter	Type	Results	Tdl	Flags
A05-6677	A5B1021902	CTA20022	1,2,3-Trichloro	VBLK	.20	1.000	F
A05-6677	A5B1085402	CTA21600	4-Methyl-2-pent	VBLK	2.2	20.000	F
A05-6677	A5B1085402	CTA21600	Methylene chlor	VBLK	1.9	5.000	F
A05-6677	A5B1085402	CTA21600	m/p-Xylenes	VBLK	1.2	5.000	F
A05-6677	A5B1085502	CTA21600	4-Methyl-2-pent	VBLK	2.1	20.000	F
A05-6677	A5B1085502	CTA21600	Methylene chlor	VBLK	4.3	5.000	F
A05-6677	A5B1085502	CTA21600	m/p-Xylenes	VBLK	1.0	5.000	F

Comment on

****

Vol Anal Exceeds 12hrs after Method Blank Analysis: No exceptions found

Vol Anal Exceeds 24hrs after Method Blank Analysis: No exceptions found

Dilutable Sample/Test with No Dilution : No exceptions found

Sample/Test w/No Dilution and Secondary Not Set : No exceptions found

Diluted Base Sample, Missing Initial Hit /Organic: No exceptions found

Dilution missing for "E" flagged Compound /Organic: No exceptions found

TDL / Concentration with unexpected Result Flag : No exceptions found

Unexpected Adj. Detection Limits / CRDL < IDL/MDL : No exceptions found

Adj. PDL/IDL > Requested Detection Limit("Y" flag): No exceptions found

Missing or invalid method : No exceptions found

Sample/Tests Processed Manually : No exceptions found

****
Job Comments Approval : Exception list

Job	Fraction	Status	Exception (*)
A05-6677	MV	Approved	

****

Total Vs. Soluble Metals : No exceptions found

Diluted Sample/Test Secondary Not Set : No exceptions found

Field Blank Hits : No exceptions found

Surrogate Results = 0 : No exceptions found

Surrogates with QC Limits = 0 : No exceptions found

Surrogate Results Outside of QC Limits : No exceptions found

Surrogate Results > 0 for Diluted Samples : No exceptions found

Missing Surrogate Code in Results : No exceptions found

Surrogate Limits Differing from Requested Limits : No exceptions found

Internal Standards Results = 0 : No exceptions found

Internal Standards QC Limits = 0 : No exceptions found

Internal Standards Results Outside of QC Limits : No exceptions found

Internal Standard Results > 0 for Dilutions : No exceptions found

Missing Internal Standards Code in Results : No exceptions found

Internal Std Limits Differing from Requested Limit: No exceptions found

Sample Spikes with No Results : No exceptions found

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Spike Calculation Dates Not Set : No exceptions found

Spike Invalid Calculation Date : No exceptions found

Sample Spikes with % Recovery = 0 : No exceptions found

Spike Samples with QC Limits = 0 : No exceptions found

Matrix Spike Results Exceeding QC Limits : No exceptions found

Matrix Spike Duplicate Results Exceeding QC Limits: No exceptions found

Matrix Spike Duplicate RPDs Exceeding QC Limits : No exceptions found

Spike Limits Differing from Requested Limits : No exceptions found

MS Sample/Test with No Standard : No exceptions found

MS Continuing Std with Missing or Invalid Initial : No exceptions found

MS Standard Calibration Date/Time Not Set : No exceptions found

MS Standard Calculation Date Not Set : No exceptions found

MS Invalid Calculation Date : No exceptions found

MS Anal Date/Time Exceeds 12hrs after Calibration : No exceptions found

MS RRF out of QC Limits : No exceptions found

MS % RSD out of QC Limits : No exceptions found

****

MS % Difference out of QC Limits : Exception list

Sample - Crv# T	Param Name	Seq	Avg RRF	RRF err	Pct RSD	RSD err	C
A5C0004487 1 C	Carbon Disulfide	70	0.315		20.8	*	
A5C0004754 1 C	Methylene chloride	50	0.665		31.7	*	
A5C0004756 1 C	Methylene chloride	50	0.665		26.8	*	

comment cc cw

****

MS Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

MS Standards Not Closed : No exceptions found

MS Tune Not Linked for Standard : No exceptions found

MS Tune Calculation Date/Time Not Set : No exceptions found

MS Tune Not Closed : No exceptions found

MS Tune Invalid Calculation Date : No exceptions found

MS Tune Injection Date/Time Not Set : No exceptions found

MS Tune Error : No exceptions found

MS Tune Heated Purge Not Matching its Standard : No exceptions found

MS Analysis Date/Time Exceeds 12hrs after Tune : No exceptions found

MS Calibration exeeds 12 hrs after Tune : No exceptions found

MS Tune/Std/Analysis Date-Time out of Sequence : No exceptions found

Sample/Test and Method Blank Matching Prep Batch : No exceptions found

Sample/Test and Method Blank Matching Anal Batch : No exceptions found

GC Sample/Test with No Standard : No exceptions found

GC Continuing Std with Missing or Invalid Initial : No exceptions found

GC Standard Calibration Date/Time Not Set : No exceptions found

GC Standard Calculation Date Not Set : No exceptions found

GC Invalid Calculation Date : No exceptions found

GC Correlation Coefficient out of QC Limits : No exceptions found

GC % RSD out of QC Limits : No exceptions found

GC % Difference out of QC Limits : No exceptions found

GC missing Ref ICC point : No exceptions found

GC Test Params with missing Lv3/Lv4 Std. Params : No exceptions found

GC Standards Not Closed : No exceptions found

AFCEE Contact found, all AFCEE tests will be run

Sample/Tests with No Sample Time : No exceptions found

Sample/Tests with No Received Time : No exceptions found

Sample/Tests with No Prep Time : No exceptions found

Sample/Tests with No Analysis Time : No exceptions found

Sample/Tests with No Analysis Batch Assigned : No exceptions found

Sample/Tests Assigned Batches with Missing Master : No exceptions found

Batches Not Closed : No exceptions found

Sample/Tests with No Prep Batch Assigned : No exceptions found

Sample/Tests with No Prep Batch Details : No exceptions found

Sample/Tests with No Organic Prep Details : No exceptions found

Sample/Tests with No Analysis Batch Details : No exceptions found

Sample/Tests with No Analysis Metals Batch Results: Test not run

Matrix Spike Amt Added <> MS Duplicate Amt Added : No exceptions found

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Result NOT Consistent with Historical/No History : Exception list

Current					Historical Results
Lab Sample	Test	Parameter	UM	Result	
A5667701	CTA21600	100-41-4	UG/KG	0.10U	Not Found
A5667701	CTA21600	100-42-5	UG/KG	0.16U	Not Found
A5667701	CTA21600	10061-01-5	UG/KG	0.23U	Not Found
A5667701	CTA21600	10061-02-6	UG/KG	0.20U	Not Found
A5667701	CTA21600	103-65-1	UG/KG	0.20U	Not Found