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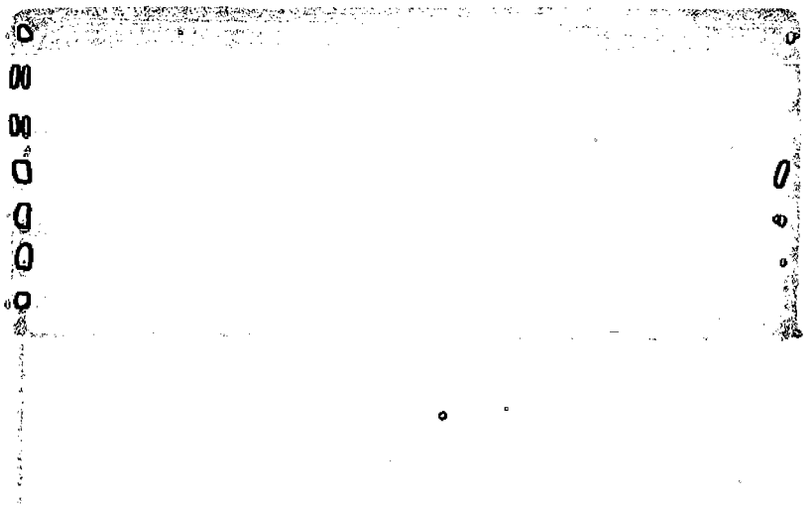

Golder Associates

Golder Associates Inc.

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REPORT ON

APRIL 1997 QUARTERLY AND SEMI-ANNUAL GROUNDWATER MONITORING EVENT AND SUMMARY OF OFF-SITE AND ON-SITE GROUNDWATER EXTRACTION SYSTEM OPERATION TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY WHEATFIELD, NEW YORK

Submitted to:

Textron Inc.
40 Westminster Street
Providence, Rhode Island, 02903-6028

DISTRIBUTION:

8 Copies - Ms. Leslie Alden; Textron Inc.; Providence, Rhode Island
1 Copy - Golder Associates Inc.; Buffalo, New York

July 1997

973-9158

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July 24, 1997

973-9158

Textron Inc.
40 Westminster Street
Providence, Rhode Island, 02903-6028

Attention: Ms. Leslie Alden

RE: REPORT ON APRIL 1997 QUARTERLY AND SEMI-ANNUAL GROUNDWATER MONITORING EVENT AND SUMMARY OF OFF-SITE AND ON-SITE GROUNDWATER EXTRACTION SYSTEM OPERATION, TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY, WHEATFIELD, NEW YORK

Dear Ms. Alden:

Golder Associates Inc. (Golder Associates) is pleased to submit the above referenced report on the April 1997 Quarterly and Semi-Annual Groundwater Monitoring Event and Summary of the Off-Site and On-Site Groundwater Extraction System Operation. This report presents the results of the groundwater quality sampling activities conducted for the Textron Realty Operations (Wheatfield) Inc. (TRO) facility located in Wheatfield, New York, during April 1997. This report also presents a summary of the performance of the Off-Site Groundwater Extraction System and the On-Site Groundwater Extraction and Pre-Treatment System from March 1997 through May 1997.

As required, Golder Associates is providing as an enclosure to this report, computer diskettes containing the laboratory analytical data in comma delimited, ASCII format, and the hydraulic monitoring data in Excel® format.

Golder Associates appreciates the opportunity to provide continuing professional engineering services to Textron. If you have any questions regarding this report, please do not hesitate to call.

Very truly yours,

GOLDER ASSOCIATES INC.

Anthony L. Grasso, P.G.
Office Manager/Associate

ALG:dml
Attachments
F/N: FINQTR.DOC

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1. INTRODUCTION

1.1 Background

This report provides the results of the April 1997 Quarterly and Semi-Annual groundwater sampling activities conducted at the Textron Realty Operations (Wheatfield) Inc. (TRO) facility (formerly Bell Aerospace Textron) located in Wheatfield, New York. In addition, this report presents a summary of the system operations for the Off-Site Groundwater Extraction System (Off-Site System) and On-Site Groundwater Extraction and Pre-Treatment System (On-Site System), during the period between March 1997 through May 1997 (quarter).

The field procedures and analytical methods for the sampling program were conducted in general accordance with the Revised Ground Water Monitoring Plan (GWMP) (Golder Associates Inc., (Golder Associates) February 1993) and the Corrective Measures Implementation Plan for the On-Site Groundwater Extraction System (Golder Associates, March 1993). The specific sampling locations and frequency of sampling, as well as hydraulic measurements, were conducted in accordance with the On-Site and Off-Site effectiveness monitoring program as outlined in the Annual Summary and System Performance Off-Site and On-Site Ground Water Extraction Systems Report (Annual Report) (Golder Associates, March 1996) and approved by the New York State Department of Environmental Conservation (NYSDEC).

The summary of the operational results of the Off-Site and On-Site System during this quarter is presented herein in accordance with TRO's NYSDEC Title 6 New York Code of Rules and Regulations (6NYCRR) Part 373 Post-Closure Permit, effective September 14, 1992 (Permit No. 9-2940-00001/0000790). The summary of system operations for both the On-Site and Off-Site System is for the period from March 1, 1997 through May 31, 1997.

1.2 Scope of Report and Organization

Section 1.0 provides an overview of the project and provides the organizational structure of the report. Section 2.0 provides an overview of the field sampling activities regarding the hydraulic monitoring measurements, the groundwater monitoring well sampling, and groundwater extraction well sampling procedures. Section 3.0 provides an overview of the laboratory analytical methodologies and results; Section 4.0 provides an overview of the Off-Site and On-Site System operations for the quarter; and Section 5.0 provides a brief summary of the hydraulic monitoring data, the laboratory data, and Off-Site and On-Site System operations.

2. FIELD SAMPLING ACTIVITIES

2.1 General

Field sampling activities were performed by Golder Associates personnel according to the procedures detailed in the GWMP. Quarterly and semi-annual groundwater monitoring was performed on April 29, 1997 and April 30, 1997, for the 24 monitoring wells (one of which, 87-20(0), could not be sampled due to restricted access in the well riser suspected to be caused by frost heave (see Section 4.4 for details)) and 3 extraction wells listed in Table 1 and shown on Figure 1. Hydraulic monitoring was performed on April 28, 1997 (prior to the sampling activities) for the monitoring wells listed in Table 2. The following sections provide a discussion of the field activities and procedures associated with the hydraulic monitoring and groundwater sampling programs.

2.2 Hydraulic Monitoring

Golder Associates personnel performed hydraulic monitoring activities on the wells listed in Table 2. Groundwater elevations were measured at each monitoring well using an electronic water level meter. Groundwater elevations were recorded from the in-vault displays in each extraction well, which are routinely calibrated during the week prior to the quarterly and semi-annual monitoring event. A summary of the water level measurements obtained during April 1997 is presented in Table 2. In addition, the water level elevations from the Zone 1 wells (as listed in Table 2) during the quarter are presented on Figures 2 and 3.

2.3 Monitoring Well Sampling

The April 1997 Quarterly and Semi-Annual Groundwater Monitoring Event (April 1997 Monitoring Event) consisted of sampling 23 monitoring wells as listed in Table 1 and whose locations are referenced on Figure 1. Monitoring well 87-20(0) was scheduled to be sampled this quarter, however, the riser was found to be constricted and would not

allow the sampling bailer to pass the constricted area, though the water level recorder passed without incident. See Section 4.4 for additional details.

The physical integrity of each well was initially inspected prior to sampling. The air inside the riser pipe, as well as the ambient air in the breathing zone, were monitored using an organic vapor monitor (OVM) equipped with a photoionization detector (PID) for volatile organic compounds (VOCs) prior to, and during well evacuation. No detections of VOCs over 5 parts per million (ppm) were noted in the breathing zone during sampling. Water level measurements were recorded and the volume of standing water in the well was calculated. Three (3) times the calculated volume was purged from each well, or the well was purged until it was deemed "dry", by utilizing a dedicated stainless steel bailer or peristaltic pump with dedicated polyethylene (PE) tubing. All purge water was collected and transported to TRO for proper disposition. The groundwater quality was monitored during purging and sampling by obtaining readings for pH, specific conductance, and temperature. Sample Collection Information Forms detailing the field observations for each well are provided in Appendix A and the results are summarized in Table 3.

The samples collected were analyzed for volatile organics using United States Environmental Protection Agency (USEPA) SW-846 Method 8260 (Method 8260) as specified in Table 1. Each sample was immediately put into a cooler filled with ice to maintain the sample at an approximate temperature of 4 degrees Celsius (°C). The samples were then shipped under chain-of-custody procedures to Friend Laboratory, Inc. (FLI) of Waverly, New York, via overnight carrier. The chain-of-custody forms are provided in Appendix B.

2.4 Extraction Well Sampling

The sampling of three extraction wells (EW-6, EW-7 and EW-8) was accomplished on April 29, 1997. The location of each extraction well is shown on Figure 1. Sampling of, and entry into each of the extraction wells was conducted according to procedures

outlined in the GWMP and in accordance with applicable Occupational Safety and Health Administration confined space entry regulations (29 CFR 1910.146). Each extraction well was inspected prior to entering to ensure that the vault entranceway was free of obstructions. The ambient air inside the vaults was analyzed for lower explosive limit, oxygen deficiency, hydrogen sulfide, and carbon monoxide using a multi-gas meter prior to entry. The VOC concentrations in each vault were analyzed using an OVM prior to entry. Readings of ambient air quality greater than background concentrations were recorded. During the sampling of all extraction wells, the submersible pump in each extraction well was allowed to operate for at least five (5) minutes prior to sample collection, in order to obtain a representative aliquot of groundwater. Dedicated tubing attached to each well's sampling port was purged for approximately one (1) minute prior to collection. Groundwater quality was monitored during purging and sampling by obtaining readings for pH, specific conductance, and temperature. A Sample Collection Information Form detailing the field observations and measurements for each well is provided in Appendix A and the results are summarized in Table 3.

During sampling, each sample was immediately placed in a cooler with ice in order to maintain the sample at an approximate temperature of 4°C. The samples were then shipped under chain-of-custody procedures to FLI via overnight carrier for analysis. Chain-of-custody forms are provided in Appendix B. The samples collected from the extraction wells were analyzed for volatile organics only using USEPA Method 8260.

3. LABORATORY ANALYTICAL METHODS AND RESULTS

3.1 Analytical Methods

All groundwater samples collected were analyzed for VOCs only using USEPA Method 8260.

3.2 Analytical Results

A summary of detected compounds for the April 1997 Monitoring Event is presented in Table 4. A copy of the laboratory analytical data report from each sampling point, as well as the associated quality assurance/quality control (QA/QC) data are presented in Appendix C.

3.3 QA/QC Samples

A laboratory prepared trip blank accompanied the single shipment of samples and was analyzed for VOCs using USEPA Method 8260. In addition, two field blanks (FB-01, FB-02) were prepared and analyzed. Also, two duplicate samples were collected and analyzed, sample identification (ID)-BAT87201DUP (monitoring well 87-20(1)), and sample identification (ID)-BAT87230DUP (monitoring well 87-23(0)). Matrix spike and matrix spike duplicate (MS/MSD) samples were also collected from two wells. Monitoring well 89-15(1) had MS/MSD samples analyzed, as well as Extraction Well EW-6. All method-specific QA/QC blanks and samples were analyzed for 8260 VOCs. Results of these QA/QC samples are presented in Appendix C.

3.4 Data Review

The data review employed for this project consists of verifying that analytical holding times were not exceeded, review of the data to insure QA/QC criteria specific to the method had been met, and a review of the MS/MSD and duplicate results.

All holding times, method specific QA/QC criteria, MS/MSD, and duplicate results were acceptable for the April 1997 Monitoring Event. QA/QC criteria associated with the April 1997 Monitoring Event are further discussed in detail in the FLI report, as presented in Appendix C. The data are considered to be acceptable and usable as presented herein.

3.5 Data Deliverables

The analytical data presented in Appendix C have been provided on computer diskette in ASCII comma delimited format, as an enclosure to this report. A hard copy of this ASCII file is provided in Appendix D. The format of the ASCII file has been set up as follows:

LAB ID, ORIGIN, DATE SAMPLED, ANALYTE, RESULT, PQL

Where:

LAB ID	=	FLI laboratory sample identification number;
ORIGIN	=	Golder Associates sample identification number;
DATE SAMPLED	=	Date sampled;
ANALYTE	=	Specific VOC analyte analyzed according to Method 8260;
RESULT	=	Concentration in mg/L or, if non-detected, the practical quantitation limit is listed; and
PQL	=	Practical quantitation limit.

4. SUMMARY OF OFF-SITE AND ON-SITE EXTRACTION SYSTEM OPERATIONS

4.1 Review of Off-Site and On-Site System Operations

4.1.1 Off-Site System

There were no operational changes made to the Off-Site System during the quarter. During this quarter the pumping rate for the Off-Site extraction system ranged between 85,100 and 92,800 gallons per day (gpd). The pumping rate for well EW-2 ranged from 22 gpm to 25 gpm and the pumping rate for wells EW-3 through EW-5 ranged from 8 gpm to 12 gpm.

4.1.2 On-Site System

During this quarter, the treatment plant was shut-down on two (2) occasions for operation and maintenance (O&M). The plant was shut-down for approximately 6 hours between March 17 and 18, 1997, to inspect and clean air stripper number 2 (ST-2). In May 1997, the plant was shut-down for 70.5 hours to perform scheduled, routine O&M activities. There were no operational or other changes made to the On-Site System during the quarter.

During this quarter, the average flow to the treatment plant was approximately 38 gpm (54,720 gpd). The average pumping rate for wells EW-7 and DW-11, ranged from 6.1 to 9.7 gpm. DW-12 pumping rates ranged from 4.2 gpm to 6.3 gpm, EW-8 pumping rates ranged from 2.6 gpm to 8.8 gpm, and DW-9 and DW-10 pumping rates ranged from approximately 2.0 gpm to 5.8 gpm. Generally, the pumping rate of wells EW-8, DW-9, DW-10, and DW-12 steadily declined during the quarter, most likely due to gradual clogging at the pumps. TRO has scheduled to service the pumps in July 1997 as part of the routine maintenance for the system. Also, DW-9 was not operating from February 28 through March 5, 1997 due to electrical problems and DW-10 was not operating from February 22 through March 16, 1997 due to a faulty pressure transmitter.

4.2 Discharge Monitoring

Off-Site System

As required by TRO's Niagara County Sewer District No. 1 (NCSD) Industrial Discharge Permit (No. 95-07), effective January 31, 1995, the extracted groundwater from the Off-Site System is required to be monitored on a monthly and semi-annual basis. Results of the sewer discharge monitoring indicate that TRO was in compliance with the NCSD permit during this quarter.

On-Site System

As required by TRO's NCSD Industrial Discharge Permit (No. 97-09), effective January 1, 1997, the extracted groundwater from the On-Site System was required to be monitored on a monthly and quarterly basis. Results of the sewer discharge monitoring indicate that TRO was in compliance with each NCSD permit during this quarter.

4.3 Evaluation

4.3.1 Chemical Data for Off-Site and On-Site Systems

Seventeen (17) groundwater monitoring events have been performed since the start-up of the Off-Site System, and the last thirteen (13) events have been completed under the combined Off-Site and On-Site Effectiveness Monitoring Program. During this quarter, 23 monitoring wells and three (3) extraction wells were sampled. The samples were analyzed for VOCs using USEPA Method 8260.

A review of the past several quarters' data from EW-6 indicates that constituent concentrations have decreased when compared to historical constituent concentrations at this location. The previous quarter's data (from the January 1997 event) showed a reversal of that trend, with higher concentrations reported than for the past few quarters. This quarter's data indicate that the previous increase in concentrations was a transient

condition as constituent concentrations continue to decrease, as noted before at EW-6, compared to historical concentrations.

The analytical results from the remaining monitoring points sampled this quarter are comparable to the historical variability of constituent concentrations detected in previous sampling events. No noticeable trends have been observed when comparing this quarter's chemistry data to previous data.

4.3.2 Hydraulic Response for Off-Site and On-Site Systems

Off-Site System

A groundwater equipotential map of the Zone 1 bedrock aquifer in the vicinity of the On-Site and Off-Site System for the April 1997 Monitoring Event is presented on Figure 2. A review of this map indicates there is a consistent and significant overlap of the cone-of-depression and the contaminant plume in the off-site area. Groundwater flow directions, as shown by the arrows on Figure 2, have remained relatively consistent within the cone-of-depression. The flow direction is towards the four (4) pumping extraction wells (EW-2 through EW-5) of the Off-Site System.

On-Site System

The hydraulic response of the On-Site System has met the design expectations of establishing a zone of groundwater capture over the DNAPL plume; maintaining an upward gradient between the Zone 3 and Zone 1 aquifers; maintaining a downward gradient between the overburden and the Zone 1 aquifer; and establishing a groundwater capture zone along the southern property boundary of the TRO facility.

A groundwater capture zone has been created by the operation of the On-Site System, in the Zone 1 aquifer. An examination of the Zone 1 equipotential map for April 1997 (as shown on Figure 3), indicates that the operation of the On-Site System is producing a

hydraulic capture zone in Zone 1 over the entire DNAPL plume. Further review of Figure 3 shows a significant capture zone has developed along the southern boundary of the TRO facility along Niagara Falls Boulevard, between EW-7 and EW-8. However, a small portion of the groundwater that flows between EW-7 and EW-8 was not being captured by these two extraction wells during the monitoring event, as compared to the previous monitoring event (January 1997) in which complete capture of groundwater flow between EW-7 and EW-8 was achieved. This was the result of a reduction in the pumping rate in EW-8, likely due to partial clogging of the pump. The pump is scheduled to be serviced in July 1997.

Textron is currently evaluating potential options to enhance the performance of the On-Site System to maintain a capture zone between extraction wells EW-7 and EW-8, including the option of replacing the existing pump in EW-7 with a higher capacity pump. EW-7 has historically operated above the desired water elevation levels in the well due to higher-than-anticipated hydraulic conductivity in the bedrock surrounding EW-7. A higher capacity pump in EW-7 should lower the water level in the well and result in an enhanced groundwater capture zone between EW-7 and EW-8.

Data from the April 1997 hydraulic monitoring event (presented in Table 2) indicate that the desired downward gradient between the overburden and Zone 1 is present in 12 of the 14 relevant well pairs measured, with slight upward gradients being noted in monitoring well pairs 87-21 and 87-22. These gradients are likely a transient condition, especially considering that the two overburden wells (87-21(0) and 87-22(0)) have been recorded to be "dry" during past monitoring events.

Table 2 data also indicate that an upward gradient between Zone 3 and Zone 1 is present in all seven (7) of the relevant well pairs measured. Table 5 presents a summary of vertical hydraulic gradients between Zones 1 and 3 from the April 1997 hydraulic monitoring data. The data indicate that upward gradients range from 0.19 to 0.70 ft/ft.

4.4 Routine Operational Corrective Measures

During the April 1997 Monitoring Event, Golder Associates personnel conducted an O&M checklist inspection that reviewed the condition of each monitoring and extraction well that was sampled this quarter, and any routine maintenance that should be performed to rectify problems (see Appendix A for Well Inspection Forms). The following was revealed for this quarter:

- Monitoring well 87-20(0)'s riser was slightly constricted near the ground surface probably due to frost heave; and
- Monitoring well 89-04(1) was missing its inner riser cap.

Monitoring well 87-20(0) was not sampled because the dedicated two-inch bailer used to sample this well could not pass the constricted portion of the riser. The two-inch bailer will be replaced with a smaller-diameter dedicated bailer to sample the well in the future. Also, as an additional measure against the possibility of surface water infiltration, bentonite will be placed around the base of the well and covered with a protective layer of stone. This action is consistent with past actions concerning wells with minor frost-heave damage at the TRO facility and will be completed prior to the July 1997 Quarterly Monitoring Event. Monitoring well 87-20(0) will be sampled during the July 1997 Quarterly Monitoring Event because it was not sampled during the April 1997 Monitoring Event as scheduled.

Textron will also replace the cap on monitoring well 89-04(1) prior to the July 1997 Quarterly Monitoring Event.

5. SUMMARY

5.1 Hydraulic Monitoring Data

As discussed in Section 2.2, water level measurements were obtained manually from all of the monitoring wells required for quarterly hydraulic monitoring and from the in-vault displays for the extraction wells on April 28, 1997. Table 2 provides a summary of the water level measurements obtained during this event.

5.2 Laboratory Data

The analytical laboratory data presented herein represents the April 1997 Monitoring Event at the TRO facility. During the evaluation of this quarter's data, Golder Associates compared the levels of constituents detected in the monitoring wells with historical sampling data. The results of the April 1997 Monitoring Event are comparable to the historical variability of constituent concentrations detected in previous sampling events at the site for most monitoring wells. The decreasing trend for the levels of constituents in EW-6 has continued, as slightly elevated constituent levels that were noted during the previous quarterly event (January 1997) in this well were likely a transient condition and the constituent levels should continue to decrease in future quarters.

5.3 Off-Site and On-Site System Performance

The Off-Site System has maintained an inward hydraulic gradient over the dissolved phase plume toward the extraction wells throughout the quarter and is consistent with the groundwater capture zone observed during previous quarterly monitoring events. As such, the performance of the Off-Site System is considered acceptable.

The performance of the On-Site System is achieving its design goals. The On-Site System has been effective in creating a groundwater capture zone in Zone 1 over the entire DNAPL plume and in maintaining the proper direction of vertical hydraulic gradients between the overburden, Zone 1, and Zone 3. A groundwater capture zone has also

developed in Zone 1 along the southern edge of the TRO facility between EW-7 and EW-8, although it is not consistent. However, Textron is currently evaluating options to maintain a groundwater capture zone between EW-7 and EW-8, including the option of increasing the pumping capacity in EW-7. As such, the performance of the On-Site System is considered acceptable.

GOLDER ASSOCIATES INC.

David C. Wehn
Hydrogeologist

Anthony L. Grasso, P.G.
Office Manager/Associate

DCW/ALG:dcw/dml

F/N: FINQTR.DOC

REFERENCES

Golder Associates Inc., February 1993, "Ground Water Monitoring Plan, Bell Aerospace Textron, Wheatfield, New York, February 1993 Revision".

Golder Associates Inc., March 1993, "Corrective Measures Implementation Plan, On-Site System, Bell Aerospace Textron, Wheatfield, New York".

Golder Associates Inc., March 1996, "1995-1996 Annual Summary and System Performance Off-Site and On-Site Ground Water Extraction Systems, Bell Aerospace Textron, Wheatfield, New York".

TABLE 1
MONITORING POINTS FOR THE ON-SITE AND OFF-SITE
EFFECTIVENESS MONITORING PROGRAMS 1996-1997
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

WELL NUMBER	FREQUENCY				ANALYTICAL METHOD
	QUARTERLY (A)	SHORT TERM QUARTERLY (B)	SEMI-ANNUALLY (C)	ANNUALLY (D)	
OFF-SITE EFFECTIVENESS MONITORING					
Zone 1 Wells					
87-20(1)			X		8260
87-21(1)			X		8260
89-04(1)			X		8260
89-05(1A)			X		8260
89-05(1B)				X	8260
87-19(1)			X		8260
89-03(1)				X	8260
89-06(1)				X	8260
89-07(1A)				X	8260
89-07(1B)				X	8260
89-16(1)				X	8260
89-17(1)				X	8260
89-18(1)				X	8260
93-02(1)				X	8260
93-03(1)	X				8260
94-02(1)				X	8260
TOTAL ZONE 1 SAMPLES PER EVENT	**1**	**0**	**5**	**10**	
TOTAL ZONE 1 SAMPLES PER YEAR	**4**	**0**	**10**	**10**	
Extraction Wells					
EW-2				X	8260
EW-3				X	8260
EW-4				X	8260
EW-5				X	8260
EW-6	X				8260
TOTAL EXTRACTION WELL SAMPLES PER EVENT	**1**	**0**	**0**	**4**	
TOTAL EXTRACTION WELL SAMPLES PER YEAR	**4**	**0**	**0**	**4**	
Sewer Trench Well					
SW-89(1)				X	8260
TOTAL SEWER TRENCH SAMPLES PER EVENT	**0**	**0**	**0**	**1**	
TOTAL SEWER TRENCH SAMPLES PER YEAR	**0**	**0**	**0**	**1**	

TABLE 1
MONITORING POINTS FOR THE ON-SITE AND OFF-SITE
EFFECTIVENESS MONITORING PROGRAMS 1996-1997
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

WELL NUMBER	FREQUENCY				ANALYTICAL METHOD
	QUARTERLY (A)	SHORT TERM QUARTERLY (B)	SEMI-ANNUALLY (C)	ANNUALLY (D)	
ON-SITE AND OFF-SITE EFFECTIVENESS MONITORING					
Overburden Wells					
87-10(0)				X	8260
87-22(0)			X		8260
89-14(0)			X		8260
TOTAL OVERBURDEN SAMPLES PER EVENT	**0**	**0**	**2**	**1**	
TOTAL OVERBURDEN SAMPLES PER YEAR	**0**	**0**	**4**	**1**	
Zone 1 Wells					
87-12(1)		X			8260
87-18(1)		X			8260
87-22(1)		X			8260
89-14(1)				X	8260
89-15(1)		X			8260
TOTAL ZONE 1 SAMPLES PER EVENT	**0**	**4**	**0**	**1**	
TOTAL ZONE 1 SAMPLES PER YEAR	**0**	**16**	**0**	**1**	
Zone 3 Wells					
87-13(3)		X			8260
89-2(3)		X			8260
TOTAL ZONE 3 SAMPLES PER EVENT	**0**	**2**	**0**	**0**	
TOTAL ZONE 3 SAMPLES PER YEAR	**0**	**8**	**0**	**0**	
ON-SITE EFFECTIVENESS MONITORING					
Overburden Wells					
87-01(0)				X	8260
87-14(0)				X	8260
B-8				X	8260
87-18(0)			X		8260
87-20(0)			X		8260
87-23(0)			X		8260
TOTAL OVERBURDEN SAMPLES PER EVENT	**0**	**0**	**3**	**3**	
TOTAL OVERBURDEN SAMPLES PER YEAR	**0**	**0**	**6**	**3**	

TABLE 1
MONITORING POINTS FOR THE ON-SITE AND OFF-SITE
EFFECTIVENESS MONITORING PROGRAMS 1996-1997
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

WELL NUMBER	FREQUENCY				ANALYTICAL METHOD
	QUARTERLY (A)	SHORT TERM QUARTERLY (B)	SEMI-ANNUALLY (C)	ANNUALLY (D)	
ON-SITE EFFECTIVENESS MONITORING					
Zone 1 Wells					
87-01(1)				X	8260
87-02(1)		X			8260
87-04(1)		X			8260
87-08(1)		X			8260
87-17(1)		X			8260
89-02(1)		X			8260
B-14(1)		X			8260
TOTAL ZONE 1 SAMPLES PER EVENT	**0**	**6**	**0**	**1**	
TOTAL ZONE 1 SAMPLES PER YEAR	**0**	**24**	**0**	**1**	
Zone 3 Wells					
87-02(3)		X			8260
TOTAL ZONE 3 SAMPLES PER EVENT	**0**	**1**	**0**	**0**	
TOTAL ZONE 3 SAMPLES PER YEAR	**0**	**4**	**0**	**0**	
DNAPL Extraction Wells					
DW-9				X	8260
DW-10				X	8260
DW-11				X	8260
DW-12				X	8260
TOTAL DNAPL SAMPLES PER EVENT	**0**	**0**	**0**	**4**	
TOTAL DNAPL SAMPLES PER YEAR	**0**	**0**	**0**	**4**	
Extraction Wells					
EW-7	X				8260
EW-8	X				8260
TOTAL EXTRACTION WELL SAMPLES PER EVENT	**2**	**0**	**0**	**0**	
TOTAL EXTRACTION WELL SAMPLES PER YEAR	**8**	**0**	**0**	**0**	
GRAND TOTAL SAMPLES PER EVENT	**4**	**13**	**10**	**25**	
GRAND TOTAL SAMPLES PER YEAR	**16**	**52**	**20**	**25**	

(A) Quarterly sampling to be conducted in January, April, July, and October for two years of On-Site System operations and then semi-annually sampling will be conducted thereafter.

(B) For Zone 1 wells - Quarterly sampling to be conducted for the next year (1996-1997) of On-Site System operations and then annually thereafter.
For Zone 3 wells - Quarterly sampling to be conducted for the first two years of On-Site System operations and then annually thereafter.

(C) Semi-annual sampling to be conducted each April and October for a period of two years of On-Site System operations and then annual sampling thereafter.

(D) Annual sampling to be conducted in October.
A water level reading will be taken from each well shown during each monitoring event.

TABLE 2
SUMMARY OF HYDRAULIC MONITORING DATA
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK
(Measurements Recorded April 28, 1997)

WELL NAME	TOP OF RISER ELEVATION (FT. MSL)	WATER LEVEL (FT. BTOR)	WATER LEVEL ELEVATION (FT. MSL)
87-01(0)	588.10	13.51	574.59
87-01(1)	587.99	16.90	571.09
87-02(1)	589.21	16.90	572.31
87-02(3)	588.63	12.61	576.02
87-04(0)	589.32	10.40	578.92
87-04(1)	589.08	13.94	575.14
87-04(3)	589.49	12.35	577.14
87-05(1)	589.37	15.85	573.52
87-05(3)	589.46	12.04	577.42
87-06(1)	588.27	13.44	574.83
87-08(1)	589.48	14.45	575.03
87-10(0)	587.30	11.90	575.40
87-10(1)	587.52	16.53	570.99
87-12(1)	583.84	16.60	567.24
87-13(0)	589.77	8.90	580.87
87-13(1)	590.06	15.01	575.05
87-13(3)	589.91	12.55	577.36
87-14(0)	589.56	10.04	579.52
87-14(1)	589.06	15.68	573.38
87-14(3)	590.35	14.50	575.85
87-15(0)	590.70	12.18	578.52
87-15(1)	590.27	13.83	576.44
87-15(3)	589.87	12.08	577.79
87-16(3B)	590.51	12.82	577.69
87-17(0)	589.50	11.65	577.85
87-17(1)	589.62	12.12	577.50
87-18(0)	585.95	12.48	573.47
87-18(1)	586.02	20.36	565.66
87-19(0)	581.57	7.92	573.65
87-19(1)	581.47	14.04	567.43
87-20(0)	578.77	7.48	571.29
87-20(1)	579.01	12.05	566.96
87-21(0)	577.23	10.99	566.24
87-21(1)	577.33	10.65	566.68
87-22(0)	583.80	19.29	564.51
87-22(1)	583.97	15.75	568.22
87-23(0)	587.27	4.71	582.56
87-23(1)	587.13	15.03	572.10
89-02(1)	584.69	14.87	569.82
89-02(3)	584.80	10.08	574.72
89-03(1)	581.30	15.55	565.75
89-04(1)	577.92	8.01	569.91

SUMMARY OF HYDRAULIC MONITORING DATA
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK
(Measurements Recorded April 28, 1997)

WELL NAME	TOP OF RISER ELEVATION (FT. MSL)	WATER LEVEL (FT. BTOR)	WATER LEVEL ELEVATION (FT. MSL)
89-05(1A)	577.56	16.58	560.98
89-05(1B)	577.77	11.72	566.05
89-06(1)	575.93	10.55	565.38
89-07(1A)	577.66	12.57	565.09
89-07(1B)	577.48	11.88	565.60
89-12(1)	586.60	15.94	570.66
89-13(0)	588.18	13.30	574.88
89-14(0)	587.45	9.23	578.22
89-14(1)	587.59	13.83	573.76
89-15(1)	588.76	17.09	571.67
89-16(1)	576.76	7.21	569.55
89-17(1)	577.59	7.45	570.14
89-18(1)	576.75	14.00	562.75
93-02(1)	579.05	19.29	559.76
93-03(1)	572.30	13.40	558.90
94-02(1)	574.50	9.32	565.18
96-01(1)	585.18	17.10	568.08
96-02(1)	584.82	17.46	567.36
B-8(0)	590.26	10.18	580.08
B-12(0)	589.48	11.68	577.80
B-13(1)	588.41	13.31	575.10
B-14(1)	589.54	15.01	574.53
89-SW(1)	581.18	DRY	581.18
89-SW(2)	577.54	10.85	566.69
EW-2	568.15	N/A	549.10
EW-3	569.56	N/A	555.30
EW-4	570.07	N/A	556.00
EW-5	569.47	N/A	553.00
EW-6	568.17	N/A	563.50
EW-7	578.09	N/A	564.90
EW-8	575.73	N/A	563.20
DW-9	581.23	N/A	569.00
DW-10	581.06	N/A	575.80
DW-11	580.13	N/A	550.90
DW-12	577.59	N/A	571.40

NOTES:

BTOR = Below top of riser.
MSL = Mean sea level.
N/A = Not applicable, measurement taken from electronic readout in vault.

TABLE 3
SUMMARY OF FIELD SAMPLING MEASUREMENTS AND OBSERVATIONS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

SAMPLE ID	SAMPLE LOCATION	DATE SAMPLED	DEPTH TO GROUND WATER (BTOR)	VOLUME PURGED (GAL)	pH MEASUREMENTS		SPECIFIC CONDUCTANCE MEASUREMENTS (umhos/cm)		TEMPERATURE °(C)		PURGE/ SAMPLE DEVICE		REMARKS
					PURGE	SAMPLE	PURGE	SAMPLE	PURGE	SAMPLE	PURGE	SAMPLE	
BAT8702197430	87-02(1)	04/30/97	16.23	8.4	8.2	8.4	1050	1020	12.0	12.0	1	1	Clear
BAT8702397430	87-02(3)	04/30/97	12.47	22.0	8.2	8.0	5050	5570	12.0	12.0	1	1	Clear
BAT8704197430	87-04(1)	04/30/97	12.96	9.3	8.4	8.2	2580	2150	16.0	12.0	3	1	Clear
BAT8708197430	87-08(1)	04/30/97	13.49	9.0	10.0	10.0	2180	2370	10.0	10.0	1	1	Clear
BAT8712197429	87-12(1)	04/29/97	16.70	8.1	7.9	8.0	2000	1660	11.0	11.0	3	1	Clear
BAT8713397430	87-13(3)	04/30/97	12.19	22.0	8.1	7.5	9960	10000	14.0	14.0	1	1	Clear
BAT8717197430	87-17(1)	04/30/97	11.65	10.0	7.9	8.1	5220	5490	12.0	14.0	1	1	Clear
BAT8718097430	87-18(0)	04/30/97	12.48	DRY	8.7	9.4	3680	3610	14.0	14.0	1	1	Brown, Turbid
BAT8718197429	87-18(1)	04/29/97	20.29	6.0	7.9	7.9	2100	2270	12.0	14.0	1	1	Clear
BAT8719197429	87-19(1)	04/29/97	13.92	9.6	8.6	8.3	680	420	10.0	10.0	1	1	Clear
BAT8720097429	87-20(0)	04/29/97	7.51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Well riser restricted; not sampled
BAT8720197429	87-20(1)	04/29/97	12.05	9.0	7.9	7.6	N/A	N/A	10.0	10.0	1	1	Clear with white flocculate, Dup collected
BAT8721197429	87-21(1)	04/29/97	10.58	11.1	8.0	7.9	1350	1610	10.0	11.0	1	1	Red flocculate
BAT8722097430	87-22(0)	04/30/97	9.07	DRY	8.8	8.5	1250	1250	8.0	8.0	1	1	Brown turbidity
BAT8722197430	87-22(1)	04/30/97	15.66	8.1	8.1	7.8	1740	1820	10.0	10.0	1	1	Clear
BAT8723097430	87-23(0)	04/30/97	4.75	5.7	8.2	8.2	1950	1550	8.0	8.0	1	1	Brown, Turbid, Dup collected
BAT8902197429	89-02(1)	04/29/97	14.74	9.3	8.3	7.7	2280	2570	10.0	10.0	1	1	Slight, Grey turbidity
BAT8902397429	89-02(3)	04/29/97	10.21	23.1	7.7	7.6	3630	4180	9.0	11.0	1	1	Clear
BAT8904197429	89-04(1)	04/29/97	7.95	11.0	7.5	7.6	2500	2200	10.0	10.0	1	1	Clear
BAT8905197429	89-05(1A)	04/29/97	16.49	13.0	7.5	7.6	2280	2180	10.0	10.0	1	1	Grey turbidity
BAT8914097430	89-14(0)	04/30/97	8.89	1.5	8.1	8.1	3830	3650	10.0	9.0	1	1	Brown turbidity
BAT8915197430	89-15(1)	04/30/97	16.57	8.7	8.0	8.1	2800	2420	12.0	14.0	1	1	Clear
BAT9303197429	93-03(1)	04/29/97	13.97	16.0	7.9	7.9	1903	2010	10.0	10.0	1	1	Clear
BATB14197430	B-14(1)	04/30/97	14.21	6.0	7.6	7.7	2840	2930	14.0	14.0	3	1	Clear
BATEW697429	EW-6	04/29/97	N/A	300.0	7.9	7.9	1060	1060	11.0	11.0	2	2	Clear
BATEW797429	EW-7	04/29/97	N/A	N/A	N/A	7.9	N/A	2240	N/A	13.0	N/A	2	Clear
BATEW897429	EW-8	04/29/97	N/A	N/A	N/A	8.1	N/A	1570	N/A	13.0	N/A	2	Clear

NOTES:
BTOR = Below Top Of Riser
GAL = Gallons
(1) Stainless Steel Bailer
(2) Dedicated Polyethylene Tubing from Sampling Port
(3) Peristaltic Pump with PE Tubing
N/A = Not Applicable

TABLE 4

SUMMARY OF GROUNDWATER ANALYTICAL DATA
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

ANALYTICAL METHOD EPA 8260
(Concentrations in ug/L)

SAMPLE LOCATION	87-02(1)	87-02(3)	87-04(1)	87-08(1)	87-12(1)	87-13(3)	87-17(1)	87-18(1)
SAMPLE I.D.	BAT8702197430	BAT8702397430	BAT8704197430	BAT8708197430	BAT9712197429	BAT9713397430	BAT8717197430	BAT8718197429
SAMPLE DATE	4/30/97	4/30/97	4/30/97	4/30/97	4/29/97	4/30/97	4/30/97	4/29/97
PARAMETER								
VINYL CHLORIDE	15	-	1	-	-	18	100	840
1 1-DICHLOROETHENE	0.9	-	-	-	-	0.9	4	-
CARBON DISULFIDE	-	1	-	-	-	44	-	-
METHYLENE CHLORIDE	-	-	92	6800	-	0.8 B	-	-
TRANS-1 2-DICHLOROETHENE	4	-	1	-	-	0.6	4	-
1 1-DICHLOROETHANE	2	-	3	-	-	0.7	23	-
CIS-1 2-DICHLOROETHENE	250	-	72	1300	7500	110	590	5300
CHLOROFORM	3	-	2	-	-	-	-	-
1 1 1-TRICHLOROETHANE	6	-	9	-	-	1 B	120	-
TRICHLOROETHENE	190	-	13	420	6100	220	24	-
ETHYLBENZENE	-	-	-	-	-	-	-	-
P-XYLENE/M-XYLENE	-	-	0.6	-	-	-	-	300
O-XYLENE	-	-	-	-	-	-	-	-

NOTES:
- = Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
B = Analyte detected in method or trip blank.
* = Duplicate sample

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

ANALYTICAL METHOD EPA 8260
(Concentrations in ug/L)

SAMPLE LOCATION	87-19(1)	87-20(1)	87-20(1)*	87-21(1)	87-22(1)	89-02(1)	89-02(3)	89-04(1)
SAMPLE I.D.	BAT8719197429	BAT9720197429	BAT87201DUP	BAT8721197429	BAT8722197430	BAT8902197429	BAT8902397429	BAT8904197429
SAMPLE DATE	4/29/97	4/29/97	4/29/97	4/29/97	4/30/97	4/29/97	4/29/97	4/29/97
PARAMETER								
VINYL CHLORIDE	0.6	-	-	4	180	-	-	2
1 1-DICHLOROETHENE	-	-	-	-	-	-	-	4
CARBON DISULFIDE	-	-	-	-	-	-	1	86
METHYLENE CHLORIDE	-	-	-	-	-	-	-	-
TRANS-1 2-DICHLOROETHENE	-	-	-	-	-	-	-	2
1 1-DICHLOROETHANE	-	-	-	-	-	-	-	-
CIS-1 2-DICHLOROETHENE	6	14000	16000	160	3400	11000	-	23
CHLOROFORM	-	-	-	-	-	-	-	-
1 1 1-TRICHLOROETHANE	-	-	-	-	-	-	-	-
TRICHLOROETHENE	2	4000	5200	15	650	7000	0.8	6
ETHYLBENZENE	-	-	-	-	-	-	-	-
P-XYLENE/M-XYLENE	-	-	-	-	-	-	-	-
O-XYLENE	-	-	-	-	-	-	-	-

NOTES:
- = Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
B = Analyte detected in method or trip blank.
* = Duplicate sample

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

ANALYTICAL METHOD EPA 8260
(Concentrations in ug/L)

SAMPLE LOCATION	89-05(1A)	89-15(1)	93-03(1)	B-14(1)	EW-6	EW-7	EW-8
SAMPLE I.D.	BAT89051A97429	BAT8915197430	BAT9303197429	BATB14197430	BATEW697429	BATEW797429	BATEW897429
SAMPLE DATE	4/29/97	4/30/97	4/29/97	4/30/97	4/29/97	4/29/97	4/29/97
PARAMETER							
VINYL CHLORIDE	36	-	-	130	10	680	190
1 1-DICHLOROETHENE	-	-	-	-	-	-	-
CARBON DISULFIDE	-	-	1	-	0.7	-	-
METHYLENE CHLORIDE	-	3300	-	-	-	-	-
TRANS-1 2-DICHLOROETHENE	-	-	-	5	-	-	-
1 1-DICHLOROETHANE	-	-	-	17	-	-	-
CIS-1 2-DICHLOROETHENE	300	860	-	640	35	4900	2900
CHLOROFORM	-	-	-	-	-	-	-
1 1 1-TRICHLOROETHANE	-	-	-	73	-	-	130 B
TRICHLOROETHENE	-	6100	-	7	0.7	-	1300
ETHYLBENZENE	-	-	-	-	-	-	320 B
P-XYLENE/M-XYLENE	-	-	-	-	-	-	990
O-XYLENE	-	-	-	-	-	-	220

NOTES:
- = Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
B = Analyte detected in method or trip blank.
* = Duplicate sample

TABLE 5

SUMMARY OF VERTICAL HYDRAULIC GRADIENTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
WHEATFIELD, NEW YORK

WELL NAME	TOP OF RISER ELEVATION (FT. MSL)	WATER LEVEL (FT. BTOR)	DATE/TIME MEASURED	WATER LEVEL ELEVATION (FT. MSL)	HEAD DIFFERENCE ZONE 3 - ZONE 1 (dH) (FT.)	THICKNESS ZONE 2 (dL) (FT.)	VERTICAL GRADIENT dH/dL
87-02(1)	589.21	16.90	4/28/97	572.31	3.71	7.00	0.53
87-02(3)	588.63	12.61	13:30	576.02			
87-04(1)	589.08	13.94	4/28/97	575.14	2.00	7.00	0.29
87-04(3)	589.49	12.35	13:45	577.14			
87-05(1)	589.37	15.85	4/28/97	573.52	3.90	7.00	0.56
87-05(3)	589.46	12.04	13:23	577.42			
87-13(1)	590.06	15.01	4/28/97	575.05	2.31	7.00	0.33
87-13(3)	589.91	12.55	14:28	577.36			
87-14(1)	589.06	15.68	4/28/97	573.38	2.47	7.00	0.35
87-14(3)	590.35	14.50	13:49	575.85			
87-15(1)	590.27	13.83	4/28/97	576.44	1.35	7.00	0.19
87-15(3)	589.87	12.08	14:10	577.79			
89-02(1)	584.69	14.87	4/28/97	569.82	4.90	7.00	0.70
89-02(3)	584.80	10.08	10:27	574.72			

NOTES:

BTOR = Below top of riser.
MSL = Mean sea level.
NOTE: Positive vertical gradients are upwards from Zone 3 to Zone 1

68,000 m E

69,000 m E

70,000 m E

74,000 m N

73,000 m N

72,000 m N

WALMORE ROAD

B-8

DW-9

87-08(1) (576.01)

NEUTRALIZATION POND

87-14(0)

87-17(1) (577.87)

87-13(3) (577.43)

87-04(1) (574.68)

89-15(1) (573.80)

DW-10

89-14(0)

89-14(1)

B-14(1) (574.48)

DW-11

87-10(0)

87-23(0)

87-02(3) (575.95)

87-02(1) (574.62)

DW-12

BELL AEROSPACE TEXTRON WHEATFIELD PLANT

87-01(1)

87-01(0)

89-02(3) (574.88)

89-02(1) (569.94)

NIAGARA ROAD

87-22(0)

87-22(1) (568.42)

89-16(1)

89-04(1)

EW-7 (566.88)

87-18(0)

EW-8 (568.14)

87-12(1) (567.02)

87-18(1) (566.81)

SW89-1

STATE RTE. 62 (NIAGARA FALLS BLVD.)

87-20(0)

87-20(1)

OLD FALLS BLVD.

87-19(1)

CAYUGA DR. EXT.

87-21(1)

89-03(1)

BERGHOLTZ CREEK

CAYUGA DR. EXT.

SAWYER CREEK

NIAGARA FALLS BLVD.

89-17(1)

EW-2

WALMORE ROAD

93-02(1)

EW-3

RAILROAD

EW-4

89-05(1A)

89-05(1B)

EW-5

DRAINAGE DITCH

94-02(1)

CONRAIL

EW-6

93-03(1)

89-18(1)

SY ROAD

JAGOW ROAD

89-06(1)

89-07(1A)

89-07(1B)

DRAINAGE DITCH

LEGEND

- WELLS TO BE ANALYSED QUARTERLY
- WELLS TO BE ANALYSED SEMI-ANNUALLY
- WELLS TO BE ANALYSED ANNUALLY

NOTES

1.) GRID SYSTEM SHOWN IS 1000-METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17, 1927 NORTH AMERICAN DATUM.

2.) REFERENCE: U.S. GEOLOGICAL SURVEY, TONAWANDA WEST NEW YORK 7.5' QUADRANGLE, DATED 1980.

3.) WELL LOCATIONS SHOWN ARE APPROXIMATE.

300 0 300 600
scale feet

REV.	DATE	DESCRIPTION	DR. BY	APP. BY

CLIENT/PROJECT

Bell Aerospace TEXTRON
NIAGARA FALLS, NEW YORK

TITLE

GROUNDWATER MONITORING PLAN
SAMPLE LOCATIONS

Buffalo, New York

Golder Associates

DRAWN	BEC	DATE	6/8/94
CHECKED	KFN	SCALE	1"=300'
REVIEWED	DCW	JOB NO.	973-9158
APPROVED	ALG	DWG. NO.	BELL64
FILE NO.	914-1014	FIGURE	1

68,000 m E

69,000 m E

70,000 m E

74,000 m N

73,000 m N

72,000 m N

WALMORE ROAD

FOR EXPANDED VIEW OF ON-SITE AREA, INCLUDING ON-SITE DNAPL PLUME AND ON-SITE FLOW ARROWS, SEE FIGURE 3.

APPROXIMATE LIMIT OF DISSOLVED PHASE PLUME (1 ppb TVO OCTOBER 1996 SAMPLING EVENT - SEE NOTE 7.)

TEXTRON WHEATFIELD PLANT

NEUTRALIZATION POND

STATE RTE. 62 (NIAGARA FALLS BLVD.)

NIAGARA ROAD

OLD FALLS BLVD.

CAYUGA DR. EXT.

NIAGARA FALLS BLVD.

BERGHOLTZ CREEK

SAWYER CREEK

DRAINAGE DITCH

RAILROAD

CONRAIL

ST. ROAD

JAGOW ROAD

87-15(1)(576.44)
DW-9 (569.00)
87-17(1) (577.50)
87-05(1)(573.52)
87-13(1) (575.05)
87-08(1) (575.03)
89-14(1)(573.76)
DW-10 (575.80)
87-04(1)(575.14)
89-15(1) (571.67)
87-14(1) (573.38)
B-14(1) (574.53)
89-13(1)(575.10)
87-06(1)(574.83)
87-23(1) (572.10)
DW-11 (570.90)
87-02(1) (572.31)
DW-12(571.40)
87-10(1) (570.99)
89-12(1)(570.66)
87-01(1)(571.09)
89-16(1) (569.55)
89-04(1) (569.91)
EW-7 (564.30)
96-01(1) (568.08)
EW-8 (563.20)
87-22(1) (568.22)
87-18(1) (565.66)
96-02(1) (567.36)
87-12(1) (567.24)
87-20(1)(566.96)
87-19(1) (567.43)
87-21(1) (566.68)
89-03(1) (565.75)
EW-2 (560.10)
93-02(1)(559.78)
WALMORE ROAD
EW-3 (555.30)
EW-4 (556.00)
89-05(1A)(560.98)
EW-5 (553.00)
94-02(1) (565.18)
EW-6 (563.50)
93-03(1) (558.90)
89-18(1) (562.75)
89-17(1) (570.14)
89-06(1) (565.38)
89-07(1A)(565.09)

570 571 572 573 574 575 576 577

570 569 568 567 566 565 564 563 562 561 560 559 558 557 556 555 554

LEGEND

- EXTRACTION WELL OR DNAPL WELL
- MONITORING WELL OR PIEZOMETER
- (570.66) WATER LEVEL ELEVATIONS AT MONITORING OR EXTRACTION WELL IN FEET MEAN SEA LEVEL.
- 570 POTENTIOMETRIC ELEVATION CONTOUR IN FEET MEAN SEA LEVEL
- DIRECTION OF GROUNDWATER FLOW IN ZONE 1

NOTES

1.) GRID SYSTEM SHOWN IS 1000-METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17, 1927 NORTH AMERICAN DATUM.

2.) REFERENCE: U.S. GEOLOGICAL SURVEY, TONAWANDA WEST NEW YORK 7.5' QUADRANGLE, DATED 1980.

3.) WELL LOCATIONS SHOWN ARE APPROXIMATE.

4.) WATER LEVEL MEASURMENTS OBTAINED ON APRIL 28, 1997.

5.) ONLY WELL LOCATIONS WITH AN ELEVATION LISTED ARE USED IN MAP CONTOURING.

6.) CONTOURS BETWEEN KNOWN POINTS HAVE BEEN INTERPOLATED.

7.) TOTAL VOLATILE ORGANIC (TVO) DETECTIONS MINUS CARBON DISULFATE IN MONITORING WELL 89-16(1).

300 0 300 600
scale feet

REV.	DATE	DESCRIPTION	DR. BY	APP. BY

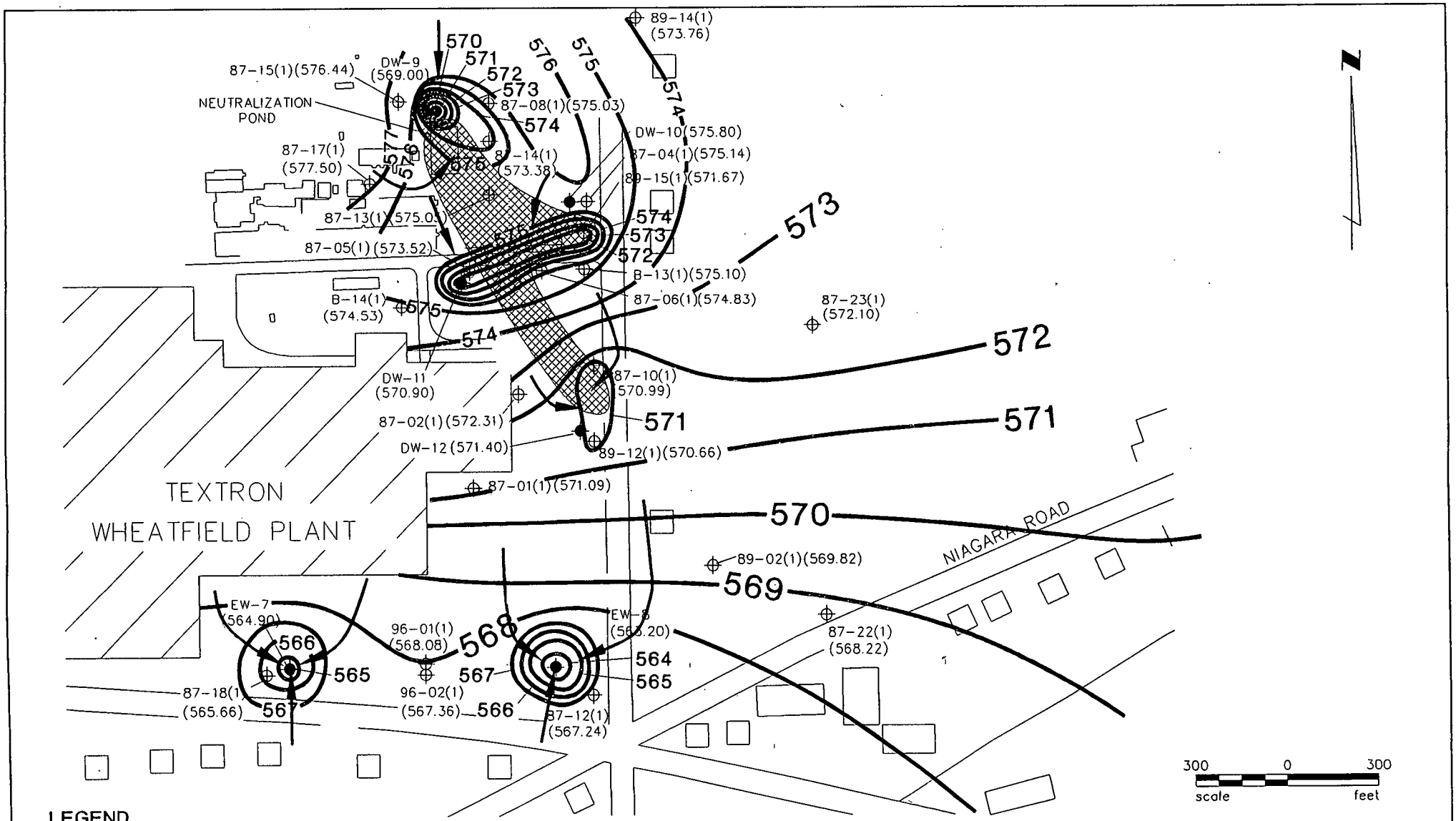
CLIENT/PROJECT: TEXTRON
NIAGARA FALLS, NEW YORK

TITLE: GROUNDWATER ELEVATION CONTOUR MAP ZONE 1 BEDROCK - APRIL 1997

Buffalo, New York

Golder Associates

DRAWN	BEC	DATE	5/22/97
CHECKED		SCALE	1"=300'
REVIEWED		JOB NO.	973-9158
APPROVED	ALG	DWG. NO.	BELL98
FILE NO.	973-9158	FIGURE	2



LEGEND

- EXTRACTION WELL OR DNAPL WELL
- MONITORING WELL
- —569— POTENTIOMETRIC ELEVATION CONTOUR IN FEET MEAN SEA LEVEL
- (565.66) WATER LEVEL ELEVATIONS AT MONITORING OR EXTRACTION WELL IN FEET MEAN SEA LEVEL.
- DIRECTION OF GROUND WATER FLOW IN ZONE 1
- DNAPL PLUME

Golder Associates Buffalo, New York

CLIENT/PROJECT: TEXTRON, NIAGARA FALLS, NEW YORK

TITLE: ON-SITE GROUNDWATER ELEVATION CONTOUR MAP, ZONE 1 BEDROCK APRIL 1997

DRAWN: BEC	DATE: 5/28/97	JOB NO.: 973-9158
CHECKED:	SCALE: AS SHOWN	DWG. NO.: BELL99
REVIEWED: ALG	FILE NO.: 973-9158	FIGURE NO.: 3

APPENDIX A

SAMPLE COLLECTION INFORMATION
AND
WELL INSPECTION FORMS

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWM NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT870297430 SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	10:25	ELAPSED HRS.	1½
CASING VOL.(Gal.)	2.8	GAL. PURGED (Gal.)	8.4		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	10:50	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/(N))	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	33.52
DEPTH TO WATER (REF. PT.)	16.23	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.2	8.4	8.4	8.4
SPEC. COND.(UMHOS/CM)	1050	1020	1020	1020
TEMPERATURE (C)	12	12	12	12
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [signature] DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWMP NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT 8702397430 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	10:25	ELAPSED HRS.	1
CASING VOL.(Gal.)	7.3	GAL. PURGED (Gal.)	22		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	11:30	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	57.56
DEPTH TO WATER (REF. PT.)	12.47	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.2	8.0	8.0	8.0
SPEC. COND.(UMHOS/CM)	5050	5,570	5,570	5,570
TEMPERATURE (C)	12	12	12	12
OTHER (SPECIFY)	-----	-----	-----	-----

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wald DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 BWMP N4 GAI PROJECT NO. 973-9158

SAMPLE ID. BAT870419743O SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	1445
CASING VOL.(Gal.)	3.1	GAL. PURGED (Gal.)	9.3
PURGING DEVICE (SEE BELOW)		PURGING DEVICE MATERIAL	

ELAPSED HRS. 1/4

DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	1505
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)	

MATRIX H_2O

FILTERED (Y/N)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	32.02
DEPTH TO WATER (REF. PT.)	12.96	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Indial Sample	Final Sample
pH (STD)	8.4	8.2	8.2	8.2
SPEC. COND.(UMHOS/CM)	2,580	2,150	2,150	2,150
TEMPERATURE (C)	16	12	12	12
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wk DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 Gluny NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT8708197430 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	13:50	ELAPSED HRS.	1/2
CASING VOL.(Gal.)	3	GAL. PURGED (Gal.)	9		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	14:10	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE – GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	32.30
DEPTH TO WATER (REF. PT.)	13.49	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.4	8.4	8.4	8.4
SPEC. COND.(UMHOS/CM)	2180	2370	2370	2370
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wk DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWM NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT 871297429 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	16:05	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	2.7	GAL. PURGED (Gal.)	8.1		
PURGING DEVICE (SEE BELOW)	B C	PURGING DEVICE MATERIAL	PE	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	16:15	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	32.99
DEPTH TO WATER (REF. PT.)	16.70	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.9	8.0	8.0	8.0
SPEC. COND.(UMHOS/CM)	2000	1670	1660	1660
TEMPERATURE (C)	11	11	11	11
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 65°F

SAMPLE APPEARANCE: Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Wh DATE 5/1/97

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT871339743O

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	15:10	ELAPSED HRS.	1
CASING VOL.(Gal.)	7.3	GAL. PURGED (Gal.)	22		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	16:00	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOIC	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	57.04
DEPTH TO WATER (REF. PT.)	12.19	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.1	7.5	7.5	7.5
SPEC. COND.(UMHOS/CM)	9960	10,000	10,000	10,000
TEMPERATURE (C)	14	14	14	14
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 70°F

SAMPLE APPEARANCE: Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: [signature]

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWMP NY

GAI PROJECT NO. 973-9158

SAMPLE ID. BAT871719730

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	18:30	ELAPSED HRS.	1/2
CASING VOL.(Gal.)	3.3	GAL. PURGED (Gal.)	10		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	16:05	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	31.73
DEPTH TO WATER (REF. PT.)	11.65	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.9	8.1	8.1	8.1
SPEC. COND.(UMHOS/CM)	5220	5,490	5,490	5,490
TEMPERATURE (C)	12	14	14	14
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wl DATE 5/1/97

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWM NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT8718097430 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	16:30	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	0.1	GAL. PURGED (Gal.)	0.1 TO DRY		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	16:35	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	13.05
DEPTH TO WATER (REF. PT.)	12.48	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.7	9.4	9.4	9.4
SPEC. COND.(UMHOS/CM)	3,680	3610	3610	3610
TEMPERATURE (C)	14	14	14	14
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 70°F

SAMPLE APPEARANCE: Brown. Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dan Wel DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 BWAY NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT871819742Q SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	16:35	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	2	GAL. PURGED (Gal.)	6		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S.	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	16:45	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE – GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	32.51
DEPTH TO WATER (REF. PT.)	20.29	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.9	7.9	7.9	7.9
SPEC. COND.(UMHOS/CM)	2100	2270	2270	2270
TEMPERATURE (C)	12	14	14	14
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 65°F

SAMPLE APPEARANCE: clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Wil DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT87191 97429

SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	13:55	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	3.2	GAL. PURGED (Gal.)	9.6		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	14:10	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED-(Y/N)		FILTERED (Y/(N))	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	33.55
DEPTH TO WATER (REF. PT.)	13.92	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.6	8.3	8.3	8.3
SPEC. COND.(UMHOS/CM)	680	420	420	420
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 65°F

SAMPLE APPEARANCE: Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Wall

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 Gway NY

GAI PROJECT NO. 973-9158

SAMPLE ID. BAT 8720097429

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE) — WELL circled

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) __/__/__
CASING VOL.(Gal.) 0.4
PURGING DEVICE (SEE BELOW) ____
TIME (24 HR CLOCK) ____
GAL. PURGED (Gal.) 1.2
PURGING DEVICE MATERIAL ____
ELAPSED HRS. ____
DEDICATED (Y/N) — Y circled

SAMPLE COLLECTION INFORMATION

N/A

SAMPLING DATE (yy/mm/dd) __/__/__
SAMPLING DEVICE (SEE BELOW E
SAMPLING DEVICE MATERIAL S.S.
TIME (24 HR CLOCK) ____
DEDICATED (Y/N) — Y circled
SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) — GRAB circled
MATRIX H_2O
FILTERED (Y/N) — N circled

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOR
REF. PT. ELEV.(FT. MSL) N/A
DEPTH TO WATER (REF. PT.) 7.51
GW. ELEV.(FT. MSL.) N/A
LAND ELEVATION (FT./MSL) N/A
WELL DEPTH (FT.) 9.98
STICKUP (FT.) N/A
WELL DIAMETER (INCHES) 2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)				
SPEC. COND.(UMHOS/CM)				
TEMPERATURE (C)		NA		
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 60°F

SAMPLE APPEARANCE

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Well Pinched shut approx at ground surface - Bailer will not pass - well not sampled

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [signature]

DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 BWAY NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT8720197429

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	8:40	ELAPSED HRS.	1/2
CASING VOL.(Gal.)	3.0	GAL. PURGED (Gal.)	9.0		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	9:00	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	30.96
DEPTH TO WATER (REF. PT.)	12.05	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.9	7.6	7.6	7.6
SPEC. COND.(UMHOS/CM)				
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 60°F

SAMPLE APPEARANCE: Clear with white flocculate

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Sample BAT8720DUP collected

NOTE: NO SC reading due to malfunction of meter

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Wall

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 Bway NY

GAI PROJECT NO. 973-9158

SAMPLE ID. BAT 8721197429

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE) — circled: WELL

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 97/04/29
TIME (24 HR CLOCK) 13:20
ELAPSED HRS. 1/4
CASING VOL.(Gal.) 3.7
GAL. PURGED (Gal.) 11.1
PURGING DEVICE (SEE BELOW) E
PURGING DEVICE MATERIAL S.S.
DEDICATED (Y/N) — circled: Y

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 97/04/29
TIME (24 HR CLOCK) 13:40
MATRIX H_2O
SAMPLING DEVICE (SEE BELOW) E
DEDICATED (Y/N) — circled: Y
FILTERED (Y/N) — circled: N
SAMPLING DEVICE MATERIAL S.S.
SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) — circled: GRAB

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOR
LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A
WELL DEPTH (FT.) 33.32
DEPTH TO WATER (REF. PT.) 10.58
STICKUP (FT.) N/A
GW. ELEV.(FT. MSL.) N/A
WELL DIAMETER (INCHES) 2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.0	7.9	7.9	7.9
SPEC. COND.(UMHOS/CM)	1350	1600	1610	1610
TEMPERATURE (C)	10	11	11	11
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 65°F

SAMPLE APPEARANCE Red Flocculate

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [signature]

DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT 87220 97430

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	8:40	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	0.4	GAL. PURGED (Gal.)	0.2 TO DRY		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	08:45	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED-(Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	11.65
DEPTH TO WATER (REF. PT.)	9.07	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.8	8.5	8.5	8.5
SPEC. COND.(UMHOS/CM)	1250	1250	1250	1250
TEMPERATURE (C)	8	8	8	8
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 70°F

SAMPLE APPEARANCE: Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Welch

DATE: 5/1/97

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWMP N1 GAI PROJECT NO. 973-9158

SAMPLE ID. BAT8722197430 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	8:40	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	2.7	GAL. PURGED (Gal.)	8.1		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	09:00	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	32.19
DEPTH TO WATER (REF. PT.)	15.66	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.1	7.8	7.8	7.8
SPEC. COND.(UMHOS/CM)	1,740	1,820	1,820	1,820
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wk DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT87230 97430

SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	9:20	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	1.9	GAL. PURGED (Gal.)	5.7		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S.	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	9:35	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/(N))	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	16.69
DEPTH TO WATER (REF. PT.)	4.75	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.2	8.2	8.2	8.2
SPEC. COND.(UMHOS/CM)	1950	1550	1550	1550
TEMPERATURE (C)	8	8	8	8
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 70°F

SAMPLE APPEARANCE: Brown - Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Sample # BAT87230DUP collected here

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dan Wl

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 BWAY NY

GAI PROJECT NO. 973-9158

SAMPLE ID. BAT890297429

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 97/04/29
CASING VOL.(Gal.) 3
PURGING DEVICE (SEE BELOW) E

TIME (24 HR CLOCK) 14:50
GAL. PURGED (Gal.) 9.3
PURGING DEVICE MATERIAL 15:40 S.S. DEDICATED (Y/N)

ELAPSED HRS. 1

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 97/04/29
SAMPLING DEVICE (SEE BELOW) E
SAMPLING DEVICE MATERIAL S.S.

TIME (24 HR CLOCK) 15:40
DEDICATED (Y/N)
SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)

MATRIX H_2O
FILTERED (Y/N)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOR
REF. PT. ELEV.(FT. MSL) N/A
DEPTH TO WATER (REF. PT.) 14.74
GW. ELEV.(FT. MSL) N/A

LAND ELEVATION (FT./MSL) N/A
WELL DEPTH (FT.) 33.94
STICKUP (FT.) N/A
WELL DIAMETER (INCHES) 2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	8.3	7.7	7.7	7.7
SPEC. COND.(UMHOS/CM)	2,280	2,570	2,570	2,570
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 65°F

SAMPLE APPEARANCE Slight gray turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dan Wh

DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWM NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT890239742 9 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/97	TIME (24 HR CLOCK)	14:55	ELAPSED HRS.	1
CASING VOL.(Gal.)	7.7	GAL. PURGED (Gal.)	23.1		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/97	TIME (24 HR CLOCK)	15:55	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	57.52
DEPTH TO WATER (REF. PT.)	10.21	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.7	7.6	7.6	7.6
SPEC. COND.(UMHOS/CM)	3,630	4,180	4,180	4,180
TEMPERATURE (C)	9	11	11	11
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 65°F

SAMPLE APPEARANCE ~~Slight gray Turbidity~~ Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wh DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWMP NY GAI PROJECT NO. 973-9158

SAMPLE ID. BAT 890419742 9 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	9:20	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	3.6	GAL. PURGED (Gal.)	11		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	~~S.S.~~ S.S.	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	9:35	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	30.64
DEPTH TO WATER (REF. PT.)	7.95	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.5	7.6	7.6	7.6
SPEC. COND.(UMHOS/CM)	2500	2200	2200	2200
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 60°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wahl DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWM NY

GAI PROJECT NO. 973-9158

SAMPLE ID. BAT8905IA97429

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	11:20	ELAPSED HRS.	1/2
CASING VOL.(Gal.)	4.3	GAL. PURGED (Gal.)	13		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S.	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	11:50	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE – GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	42.94
DEPTH TO WATER (REF. PT.)	16.49	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.5	7.6	7.6	7.6
SPEC. COND.(UMHOS/CM)	2280	2180	2180	2180
TEMPERATURE (C)	10	10	10	10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 60°F

SAMPLE APPEARANCE Gray Turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dan Wil

DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 Gwinn MI GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT 89140 97430 SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	9:45	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	0.5	GAL. PURGED (Gal.)	1.5		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S.	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	9:55	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	11.76
DEPTH TO WATER (REF. PT.)	8.89	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Indial Sample	Final Sample
pH (STD)	8.1	8.1	8.1	8.1
SPEC. COND.(UMHOS/CM)	3830	3650	3650	3650
TEMPERATURE (C)	10	9	9	9
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 70°F

SAMPLE APPEARANCE: Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Wah DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 GWM NY

GAI PROJECT NO. 973-9158

SAMPLE ID. BAT89151 97430

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	13:15	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	2.9	GAL. PURGED (Gal.)	8.7		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	S.S.	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	13:35	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	37.09
DEPTH TO WATER (REF. PT.)	16.57	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Indial Sample	Final Sample
pH (STD)	8.0	8.1	8.1	8.1
SPEC. COND.(UMHOS/CM)	2800	2420	2420	2420
TEMPERATURE (C)	12	14	14	14
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 70°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Samples BAT89151MS and BAT89151MSD collected here.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [signature]

DATE 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM / NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT 930319742 9

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	10:15	ELAPSED HRS.	1½
CASING VOL.(Gal.)	5.3	GAL. PURGED (Gal.)	16		
PURGING DEVICE (SEE BELOW)	E	PURGING DEVICE MATERIAL	SS	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	10:45	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE - (GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	46.54
DEPTH TO WATER (REF. PT.)	13.97	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	7.9	~~7.9~~ 8.0	7.9	~~7.9~~ 7.9
SPEC. COND.(UMHOS/CM)	1903	~~10.6~~ 2,060	2010	~~10.6~~ 2,010
TEMPERATURE (C)	10	~~11~~ 10	10	~~11~~ 10
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 60°F

SAMPLE APPEARANCE: Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: [signature]

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BATB141 97430

SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	11:35	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	2.0	GAL. PURGED (Gal.)	6		
PURGING DEVICE (SEE BELOW)	C	PURGING DEVICE MATERIAL	PE	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/30	TIME (24 HR CLOCK)	11:50	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	S.S.	SAMPLE TYPE – (GRAB)/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	26.62
DEPTH TO WATER (REF. PT.)	14.21	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Indial Sample	Final Sample
pH (STD)	7.6	7.7	7.7	7.7
SPEC. COND.(UMHOS/CM)	2840	2930	2930	2930
TEMPERATURE (C)	14	14	14	14
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 70°F

SAMPLE APPEARANCE: Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dave Wh

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME: TEXTRON / 97-99 GWM NY

GAI PROJECT NO.: 973-9158

SAMPLE ID.: BAT EW697429

SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	9:45	ELAPSED HRS.	1/4
CASING VOL.(Gal.)	100	GAL. PURGED (Gal.)	300		
PURGING DEVICE (SEE BELOW)	Extraction Pump	PURGING DEVICE MATERIAL	N/A	DEDICATED (Y/N)	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29	TIME (24 HR CLOCK)	10:05	MATRIX	H_2O
SAMPLING DEVICE (SEE BELOW	E Extraction Pump	DEDICATED (Y/N)		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	~~S.S.~~ N/A	SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	N/A
DEPTH TO WATER (REF. PT.)	N/A	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL.)	N/A	WELL DIAMETER (INCHES)	~~N/A~~ 2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	-----	7.9	-----	7.9
SPEC. COND.(UMHOS/CM)	N/A	1060	N/A	1060
TEMPERATURE (C)	-----	11	-----	11
OTHER (SPECIFY)	-----	-----	-----	-----

COMMENTS/CALCULATIONS

WEATHER CONDITIONS: Sun 60°F

SAMPLE APPEARANCE: Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Samples BAT EW6 MS and BAT EW6 MSD collected

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE: Dina White

DATE: 5/1/97

Golder Associates

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXTRON / 97-99 SWMU N1 GAI PROJECT NO. 973-9158

SAMPLE ID. BAT EW7 97429 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	97/04/__	N/A	TIME (24 HR CLOCK)	_____	ELAPSED HRS. _____
CASING VOL.(Gal.)	_____		GAL. PURGED (Gal.)	_____	
PURGING DEVICE (SEE BELOW)	_____		PURGING DEVICE MATERIAL	_____	DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	97/04/29		TIME (24 HR CLOCK)	16:55	MATRIX H_2O
SAMPLING DEVICE (SEE BELOW	Extraction Pump		DEDICATED (Y/N)		FILTERED (Y/N)
SAMPLING DEVICE MATERIAL	SS N/A		SAMPLE TYPE - (GRAB)/COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	TOR	LAND ELEVATION (FT./MSL)	N/A
REF. PT. ELEV.(FT. MSL)	N/A	WELL DEPTH (FT.)	N/A
DEPTH TO WATER (REF. PT.)	N/A	STICKUP (FT.)	N/A
GW. ELEV.(FT. MSL)	N/A	WELL DIAMETER (INCHES)	2.00 N/A

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	_____	_____	_____	7.9
SPEC. COND.(UMHOS/CM)	_____	N/A	_____	2,240
TEMPERATURE (C)	_____	_____	_____	13
OTHER (SPECIFY)	_____	_____	_____	_____

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 65°F

SAMPLE APPEARANCE clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dave Wilk DATE 5/1/97

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TEXACO / 97-99 Gwy NY GAI PROJECT NO. 973-9158

SAMPLE ID. BATEW8 97429 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) ___/___/___ TIME (24 HR CLOCK) _____ ELAPSED HRS. _____

CASING VOL.(Gal.) _____ GAL. PURGED (Gal.) _____

PURGING DEVICE (SEE BELOW) N/A PURGING DEVICE MATERIAL _____ DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 97/04/29 TIME (24 HR CLOCK) 16:25 MATRIX H_2O

SAMPLING DEVICE (SEE BELOW E Extraction Pump DEDICATED (Y/N) FILTERED (Y/N)

SAMPLING DEVICE MATERIAL S.S. N/A SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOR LAND ELEVATION (FT./MSL) N/A

REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) N/A

DEPTH TO WATER (REF. PT.) N/A STICKUP (FT.) N/A

GW. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.00

FIELD MEASURMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	_____	_____	_____	8.1
SPEC. COND.(UMHOS/CM)	~~1570~~	N/A	_____	1,570
TEMPERATURE (C)	_____	_____	_____	13
OTHER (SPECIFY)	_____	_____	_____	_____

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 65°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dan Wl DATE 5/1/97

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-02(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 10:25
Inspector's Name(s) D. Weh

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-02(3)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 10:25
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-04(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 1415
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		↓			
	Integrity of Surface Seal/Apron					
	Integrity of Surface Casing					
	Corrosion					
	Inner Casing/Screen Integrity					
	Measuring Point Visibility					
	Total Depth					
	Siltation					
	Recharge Rate					
	Other		↓			
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation MW 87-08(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 13:50
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity		✓			
	Measuring Point Visibility		✓			
	Total Depth		✓			
	Siltation		✓			
	Recharge Rate		✓			
	Other		✓			
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-12(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 16:05
Inspector's Name(s) D. Wohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-13(3)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 15:10
Inspector's Name(s) D Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-17(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 15:30
Inspector's Name(s) D. Wehr

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-18(O)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 16:30
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-18(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 16:30
Inspector's Name(s) D. Mohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-19(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 14:00
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-20 (o)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 8:40
Inspector's Name(s) David Wohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		✓			
	Integrity of Surface Seal/Apron		✓			
	Integrity of Surface Casing		✓			
	Corrosion		✓			
	Inner Casing/Screen Integrity	✓		Bailer will not pass restriction at approx. ground surface		
	Measuring Point Visibility	✓				
	Total Depth					
	Siltation					
	Recharge Rate					
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-20(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 8:40
Inspector's Name(s) D. Wohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-21(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 13:30
Inspector's Name(s) D Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-22(O)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 8:45
Inspector's Name(s) D. Wahn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-22(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 8:45
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 87-23(O)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 9:30
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing					
	Integrity of Surface Seal/Apron					
	Integrity of Surface Casing					
	Corrosion					
	Inner Casing/Screen Integrity					
	Measuring Point Visibility					
	Total Depth					
	Siltation					
	Recharge Rate					
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 89-02(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 14:50
Inspector's Name(s) D. Wohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 89-02(3)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 14:50
Inspector's Name(s) D. Wohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 89-04(1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 9:30
Inspector's Name(s) D. Wohn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other	X	✓ ✓	Neeks Cap		

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 89-05(1A)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 11:15
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 89-14(o)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 9:45
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 89-15(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 13:15
Inspector's Name(s) D. Wehr

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable)		✓			
	Well Number Readable on Outer Casing		↓			
	Integrity of Surface Seal/Apron					
	Integrity of Surface Casing					
	Corrosion					
	Inner Casing/Screen Integrity					
	Measuring Point Visibility					
	Total Depth					
	Siltation					
	Recharge Rate					
	Other					
Security	Security Cap in Place		✓			
	Lock in Place		✓			
	Lock Functional		✓			
	Other					

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation 93-03 (1)
Date of Inspection 4/29/97 (month/day/year)
Time of Inspection 10:15
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

TEXTRON REALTY OPERATIONS (WHEATFIELD) INC. FACILITY
GROUNDWATER MONITORING SYSTEM
INSPECTION

Well Designation B-14(1)
Date of Inspection 4/30/97 (month/day/year)
Time of Inspection 11:35
Inspector's Name(s) D. Wehn

Item	Types of Problems	*Status U	*Status A	Comments	Action	Date
Well Condition	Flagging Visibility (if applicable) Well Number Readable on Outer Casing Integrity of Surface Seal/Apron Integrity of Surface Casing Corrosion Inner Casing/Screen Integrity Measuring Point Visibility Total Depth Siltation Recharge Rate Other		✓			
Security	Security Cap in Place Lock in Place Lock Functional Other		✓ ✓ ✓			

* Status: U=unacceptable
A=acceptable
N/A = Not Applicable

APPENDIX B

CHAIN-OF-CUSTODY FORMS

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

4984 PAGE 1 OF 3

FLI FRIEND LABORATORY I • N • C

ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565 7160

CLIENT: GOLDER ASSOCIATES
ADDRESS: 8221 NIAGARA FALLS BLVD. NIAGARA FALLS NY 14304
PHONE: 716-731-1560 FAX: 716-731-1652

INVOICE TO: DAVID WEHN
ADDRESS: SAME

Sample Site: TEKTRON

Sample Matrix: DW WW (MW) SOIL AIR OTH_____
(GRAB) COMPOSITE OTH_____

PROJECT NO. / NAME
973-9158
TEKTRON / 97-99 GWM / NY

COPY TO:
ADDRESS:

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS: Untreated	Sodium thiosulfate	HCl pH <2	Ascorbic acid & HCl pH <2	HNO_3 pH <2	H_2SO_4 pH <2	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH <3	Sodium sulfite	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER
4/29/97 9:00	BAT87201 97429			3								8260	49476
9:00	BAT87201 DUP			3									49477
9:35	BAT8904197429			3									49478
10:05	BAT EW6 97429			3									49479
10:05	BAT EW6 MS			3									49480
10:05	BAT EW6 MSD			3									49481
10:45	BAT9303197429			3									49482
11:50	BAT 89051A97429			3									49483
13:40	BAT 87211 97429			3									49484
14:10	BAT 87191 97429			3									49485
15:55	BAT8902397429			3									49486
15:40	BAT89021 97429			3									49487

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER Dave Wehn	5/1/97 9:00			
		Debbie McCarty	5/2/97 9:30	SUSPECTED CONTAMINATION LEVEL: NONE (SLIGHT) MODERATE HIGH (please circle)

WHITE COPY - LAB YELLOW COPY- CLIENT

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

FLI FRIEND LABORATORY I • N • C

ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565 7160

Untreated	Sodium thiosulfate	HCl pH <2	Ascorbic acid & HCl pH <2	HNO_3 pH <2	H_2SO_4 pH <2	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH <3	Sodium sulfite

CLIENT: GOLDER ASSOCIATES
ADDRESS:

PHONE: 716-731-1560 FAX:

INVOICE TO: DAVID WEHN
ADDRESS:

PROJECT NO. / NAME

COPY TO:
ADDRESS:

Sample Site: TEXTRON

Sample Matrix: DW WW (MW) SOIL AIR OTH_____
(GRAB) COMPOSITE OTH_____

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER
4/29/97 16:25	BAT EW897429	3	8260	49488
16:15	BAT87121974 29	3		49489
16:55	BAT EW797429	3		49490
16:45	BAT 87181974 29	3		49491
4/30/97 8:15	FB01	3		49492
8:20	FB02	3		49493
9:00 ~~8:40~~	BAT8722197430	3		49494
8:45	BAT87 22097430	3		49495
9:35	BAT87230974 30	3		49496
9:55	BAT8914097430	3		49497
10:50	BAT8702197430	3		49498
11:30	BAT8702397430	3		49499

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER Dan Wl	5/1/97 9:00			
		Debbie McCarty	5/2/97 9:30	

SUSPECTED CONTAMINATION LEVEL
NONE (SLIGHT) MODERATE HIGH (please circle)

WHITE COPY LAB YELLOW COPY CLIENT

[redacted] CUSTOMER CODE # _____ **CHAIN OF CUSTODY RECORD** [redacted] PAGE 1 OF 1

FLI FRIEND LABORATORY I • N • C

ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565 7160

CLIENT: GOLDER ASSOCIATES
ADDRESS:
PHONE: 716-731-1560 FAX:

INVOICE TO: DAVID WEHN
ADDRESS:

Sample Site: TEXTRON

Sample Matrix: DW WW (MW) SOIL AIR OTH_____
GRAB (COMPOSITE) OTH_____

PROJECT NO. / NAME

COPY TO:
ADDRESS:

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS: Untreated	Sodium thiosulfate	HCl pH <2	Ascorbic acid & HCl pH <2	HNO_3 pH <2	H_2SO_4 pH <2	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH <3	Sodium sulfite	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER
4/30/97 9:35	BAT87230 DUP			3								8260	49500
11:50	BAT B141 97430			3									49501
13:35	BAT 89151 97430			3									49502
13:35	BAT 89151 MS			3									49503
13:35	BAT 89151 MSD			3									49504
14:10 ~~13:50~~	BAT 8708197430			3									49505
15:05	BAT8704197430			3									49506
16:05	BAT 87171974 30			3									49507
16:00	BAT 8713397430			3									49508
16:35	BAT8718097430			3									49509
	TRIP BLANK			2									49510
	95-045-63-17												

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER Dave Wehn	5/1/97 9:00			
		Debbie McCarty	5/2/97 2:30	SUSPECTED CONTAMINATION LEVEL NONE (SLIGHT) MODERATE HIGH (please circle)

WHITE COPY - LAB YELLOW COPY- CLIENT

APPENDIX C

FRIEND LABORATORY, INC. ANALYTICAL REPORT

FLI
FRIEND LABORATORY I · N · C

ENVIRONMENTAL MONITORING • MICROBIOLOGY
ANALYTICAL CHEMISTRY • AIR QUALITY
INFORMATION MANAGEMENT

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

BELL AEROSPACE-TEXTRON FACILITY

NIAGARA FALLS, NEW YORK

MONITORING WELLS REPORT

SAMPLED: APRIL 29-30, 1997

Submitted To:
Golder Associates, Inc.
2221 Niagara Falls Blvd.
L.P.O. Box 4069
Niagara Falls, NY 14304-4069

Steven R. Carpenter
Project Director

John A. Keuhn
Laboratory Director

Randy J. Sheffler
Project Manager

Teresa B. Bishop
Quality Assurance

Date: May, 1997

FLI
FRIEND LABORATORY I · N · C

ENVIRONMENTAL MONITORING • MICROBIOLOGY
ANALYTICAL CHEMISTRY • AIR QUALITY
INFORMATION MANAGEMENT

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

TABLE OF CONTENTS

FLI
FRIEND LABORATORY I · N · C

ENVIRONMENTAL MONITORING • MICROBIOLOGY
ANALYTICAL CHEMISTRY • AIR QUALITY
INFORMATION MANAGEMENT

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

TABLE OF CONTENTS (continued)

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49476

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8720197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2380
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<500	500
Vinyl Chloride	ND<500	500
Chloroethane	ND<500	500
Bromomethane	ND<500	500
1,1-Dichloroethene	ND<500	500
Acetone	ND<2500	2500
Carbon Disulfide	ND<500	500
Methylene Chloride	ND<500	500
trans-1,2-Dichloroethene	ND<500	500
1,1-Dichloroethane	ND<500	500
cis-1,2-Dichloroethene	14000	500
2-Butanone (MEK)	ND<2500	2500
Chloroform	ND<500	500
1,1,1-Trichloroethane	ND<500	500
Carbon Tetrachloride	ND<500	500
Benzene	ND<500	500
1,2-Dichloroethane	ND<500	500
Trichloroethene	4000	500
1,2-Dichloropropane	ND<500	500
Bromodichloromethane	ND<500	500
cis-1,3-Dichloropropene	ND<500	500
4-Methyl-2-pentanone (MIBK)	ND<1000	1000
Toluene	ND<500	500
trans-1,3-Dichloropropene	ND<500	500
1,1,2-Trichloroethane	ND<500	500

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49476

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8720197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<500	500
2-Hexanone	ND<1000	1000
Dibromochloromethane	ND<500	500
Chlorobenzene	ND<500	500
Ethylbenzene	ND<500	500
p-Xylene/m-Xylene	ND<500	500
o-Xylene	ND<500	500
Styrene	ND<500	500
Bromoform	ND<500	500
1,1,2,2-Tetrachloroethane	ND<500	500
System Monitoring Compounds (%)		
Dibromofluoromethane	112	
Toluene-d8	92	
Bromofluorobenzene	94	

DILUTION FACTOR: 1 TO 100

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49477

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT87201DUP
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2389
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<500	500
Vinyl Chloride	ND<500	500
Chloroethane	ND<500	500
Bromomethane	ND<500	500
1,1-Dichloroethene	ND<500	500
Acetone	ND<2500	2500
Carbon Disulfide	ND<500	500
Methylene Chloride	ND<500	500
trans-1,2-Dichloroethene	ND<500	500
1,1-Dichloroethane	ND<500	500
cis-1,2-Dichloroethene	16000	500
2-Butanone (MEK)	ND<2500	2500
Chloroform	ND<500	500
1,1,1-Trichloroethane	ND<500	500
Carbon Tetrachloride	ND<500	500
Benzene	ND<500	500
1,2-Dichloroethane	ND<500	500
Trichloroethene	5200	500
1,2-Dichloropropane	ND<500	500
Bromodichloromethane	ND<500	500
cis-1,3-Dichloropropene	ND<500	500
4-Methyl-2-pentanone (MIBK)	ND<1000	1000
Toluene	ND<500	500
trans-1,3-Dichloropropene	ND<500	500
1,1,2-Trichloroethane	ND<500	500

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49477

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT87201DUP
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<500	500
2-Hexanone	ND<1000	1000
Dibromochloromethane	ND<500	500
Chlorobenzene	ND<500	500
Ethylbenzene	ND<500	500
p-Xylene/m-Xylene	ND<500	500
o-Xylene	ND<500	500
Styrene	ND<500	500
Bromoform	ND<500	500
1,1,2,2-Tetrachloroethane	ND<500	500
System Monitoring Compounds (%)		
Dibromofluoromethane	110	
Toluene-d8	94	
Bromofluorobenzene	94	

DILUTION FACTOR: 1 TO 100

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ *Lab Director*

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 8, 1997

LAB SAMPLE ID : 49478

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8904197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2169
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	2	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	4	0.5
Acetone	ND<10	10
Carbon Disulfide	86	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	2	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	23	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	6	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

Approved by: Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 8, 1997

LAB SAMPLE ID : 49478

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8904197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	99	
Toluene-d8	96	
Bromofluorobenzene	95	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 16, 1997

LAB SAMPLE ID : 49479

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW697429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2243
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	10	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	0.7	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	35	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	0.7	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49479

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW697429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	98	
Toluene-d8	98	
Bromofluorobenzene	95	

DILUTION FACTOR: 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ *Lab Director*

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 16, 1997

LAB SAMPLE ID : 49480

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW6MS
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : %
Notebook Reference : 97-082-2244
Date Analyzed : 05/13/97

Compounds Detected	Results
1,1-Dichloroethene	76
Benzene	76
Trichloroethene	76
Toluene	79
Chlorobenzene	81
System Monitoring Compounds (%)	
Dibromofluoromethane	98
Toluene-d8	99
Bromofluorobenzene	94

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10262 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 15, 1997

LAB SAMPLE ID : 49481

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW6MSD
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : %
Notebook Reference : 97-082-2245
Date Analyzed : 05/13/97

Compounds Detected	Results
1,1-Dichloroethene	81
Benzene	81
Trichloroethene	81
Toluene	83
Chlorobenzene	85
System Monitoring Compounds (%)	
Dibromofluoromethane	98
Toluene-d8	99
Bromofluorobenzene	95

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected; < = less than; mg/L = milligrams per liter (equivalent to parts per million); B = analyte was detected in the method or trip blank; ug/L = micrograms per liter (equivalent to parts per billion); mg/kg = milligrams per kilogram (equivalent to parts per million); J = result estimated below the quantitation limit

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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 8, 1997

LAB SAMPLE ID : 49482

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT9303197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO:	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2165
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	1	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 8, 1997

LAB SAMPLE ID : 49482

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT9303197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	101	
Toluene-d8	96	
Bromofluorobenzene	95	

DILUTION FACTOR: 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49483

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT89051A97429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2396
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<25	25
Vinyl Chloride	36	25
Chloroethane	ND<25	25
Bromomethane	ND<25	25
1,1-Dichloroethene	ND<25	25
Acetone	ND<120	120
Carbon Disulfide	ND<25	25
Methylene Chloride	ND<25	25
trans-1,2-Dichloroethene	ND<25	25
1,1-Dichloroethane	ND<25	25
cis-1,2-Dichloroethene	300	25
2-Butanone (MEK)	ND<120	120
Chloroform	ND<25	25
1,1,1-Trichloroethane	ND<25	25
Carbon Tetrachloride	ND<25	25
Benzene	ND<25	25
1,2-Dichloroethane	ND<25	25
Trichloroethene	ND<25	25
1,2-Dichloropropane	ND<25	25
Bromodichloromethane	ND<25	25
cis-1,3-Dichloropropene	ND<25	25
4-Methyl-2-pentanone (MIBK)	ND<50	50
Toluene	ND<25	25
trans-1,3-Dichloropropene	ND<25	25
1,1,2-Trichloroethane	ND<25	25

For questions regarding this report, please call and ask for Customer Services.

CC :

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49483

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT89051A97429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<25	25
2-Hexanone	ND<50	50
Dibromochloromethane	ND<25	25
Chlorobenzene	ND<25	25
Ethylbenzene	ND<25	25
p-Xylene/m-Xylene	ND<25	25
o-Xylene	ND<25	25
Styrene	ND<25	25
Bromoform	ND<25	25
1,1,2,2-Tetrachloroethane	ND<25	25
System Monitoring Compounds (%)		
Dibromofluoromethane	110	
Toluene-d8	92	
Bromofluorobenzene	96	

DILUTION FACTOR 1 TO 5

JG

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49484

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8721197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2246
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<2.5	2.5
Vinyl Chloride	4	2.5
Chloroethane	ND<2.5	2.5
Bromomethane	ND<2.5	2.5
1,1-Dichloroethene	ND<2.5	2.5
Acetone	ND<50	50
Carbon Disulfide	ND<2.5	2.5
Methylene Chloride	ND<2.5	2.5
trans-1,2-Dichloroethene	ND<2.5	2.5
1,1-Dichloroethane	ND<2.5	2.5
cis-1,2-Dichloroethene	160	2.5
2-Butanone (MEK)	ND<50	50
Chloroform	ND<2.5	2.5
1,1,1-Trichloroethane	ND<2.5	2.5
Carbon Tetrachloride	ND<2.5	2.5
Benzene	ND<2.5	2.5
1,2-Dichloroethane	ND<2.5	2.5
Trichloroethene	15	2.5
1,2-Dichloropropane	ND<2.5	2.5
Bromodichloromethane	ND<2.5	2.5
cis-1,3-Dichloropropene	ND<2.5	2.5
4-Methyl-2-pentanone (MIBK)	ND<50	50
Toluene	ND<2.5	2.5
trans-1,3-Dichloropropene	ND<2.5	2.5
1,1,2-Trichloroethane	ND<2.5	2.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49484

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8721197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO..	

Tetrachloroethene	ND<2.5	2.5
2-Hexanone	ND<50	50
Dibromochloromethane	ND<2.5	2.5
Chlorobenzene	ND<2.5	2.5
Ethylbenzene	ND<2.5	2.5
p-Xylene/m-Xylene	ND<2.5	2.5
o-Xylene	ND<2.5	2.5
Styrene	ND<2.5	2.5
Bromoform	ND<2.5	2.5
1,1,2,2-Tetrachloroethane	ND<2.5	2.5
System Monitoring Compounds (%)		
Dibromofluoromethane	98	
Toluene-d8	99	
Bromofluorobenzene	96	

DILUTION FACTOR: 1 TO 5

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *Lab Director*

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49485

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8719197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2235
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	0.6	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	6	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	2	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC ____ NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49485

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8719197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	101	
Toluene-d8	101	
Bromofluorobenzene	96	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 8, 1997

LAB SAMPLE ID : 49486

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8902397429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Notebook Reference : 97-082-2163
Units : UG/L
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	1	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	0.8	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ *Lab Director*

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 8, 1997

LAB SAMPLE ID : 49486

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8902397429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	101	
Toluene-d8	94	
Bromofluorobenzene	96	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY
· N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49487

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8902197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Notebook Reference : 97-079-2381
Units : UG/L
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<500	500
Vinyl Chloride	ND<500	500
Chloroethane	ND<500	500
Bromomethane	ND<500	500
1,1-Dichloroethene	ND<500	500
Acetone	ND<2500	2500
Carbon Disulfide	ND<500	500
Methylene Chloride	ND<500	500
trans-1,2-Dichloroethene	ND<500	500
1,1-Dichloroethane	ND<500	500
cis-1,2-Dichloroethene	11000	500
2-Butanone (MEK)	ND<2500	2500
Chloroform	ND<500	500
1,1,1-Trichloroethane	ND<500	500
Carbon Tetrachloride	ND<500	500
Benzene	ND<500	500
1,2-Dichloroethane	ND<500	500
Trichloroethene	7000	500
1,2-Dichloropropane	ND<500	500
Bromodichloromethane	ND<500	500
cis-1,3-Dichloropropene	ND<500	500
4-Methyl-2-pentanone (MIBK)	ND<1000	1000
Toluene	ND<500	500
trans-1,3-Dichloropropene	ND<500	500
1,1,2-Trichloroethane	ND<500	500

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49487

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8902197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<500	500
2-Hexanone	ND<1000	1000
Dibromochloromethane	ND<500	500
Chlorobenzene	ND<500	500
Ethylbenzene	ND<500	500
p-Xylene/m-Xylene	ND<500	500
o-Xylene	ND<500	500
Styrene	ND<500	500
Bromoform	ND<500	500
1,1,2,2-Tetrachloroethane	ND<500	500
System Monitoring Compounds (%)		
Dibromofluoromethane	110	
Toluene-d8	93	
Bromofluorobenzene	94	

DILUTION FACTOR 1 TO 100

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY
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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 22, 1997

LAB SAMPLE ID : 49488

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW897429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2402
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<120	120
Vinyl Chloride	190	120
Chloroethane	ND<120	120
Bromomethane	ND<120	120
1,1-Dichloroethene	ND<120	120
Acetone	ND<620	620
Carbon Disulfide	ND<120	120
Methylene Chloride	ND<120	120
trans-1,2-Dichloroethene	ND<120	120
1,1-Dichloroethane	ND<120	120
cis-1,2-Dichloroethene	2900	120
2-Butanone (MEK)	ND<620	620
Chloroform	ND<120	120
1,1,1-Trichloroethane	130 B	120
Carbon Tetrachloride	ND<120	120
Benzene	ND<120	120
1,2-Dichloroethane	ND<120	120
Trichloroethene	1300	120
1,2-Dichloropropane	ND<120	120
Bromodichloromethane	ND<120	120
cis-1,3-Dichloropropene	ND<120	120
4-Methyl-2-pentanone (MIBK)	ND<250	250
Toluene	ND<120	120
trans-1,3-Dichloropropene	ND<120	120
1,1,2-Trichloroethane	ND<120	120

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 22, 1997

LAB SAMPLE ID : 49488

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW897429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<120	120
2-Hexanone	ND<250	250
Dibromochloromethane	ND<120	120
Chlorobenzene	ND<120	120
Ethylbenzene	320 B	120
p-Xylene/m-Xylene	990	120
o-Xylene	220	120
Styrene	ND<120	120
Bromoform	ND<120	120
1,1,2,2-Tetrachloroethane	ND<120	120
System Monitoring Compounds (%)		
Dibromofluoromethane	109	
Toluene-d8	91	
Bromofluorobenzene	94	

DILUTION FACTOR: 1 TO 25

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49489

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8712197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Notebook Reference : 97-079-2382
Units : UG/L
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<500	500
Vinyl Chloride	ND<500	500
Chloroethane	ND<500	500
Bromomethane	ND<500	500
1,1-Dichloroethene	ND<500	500
Acetone	ND<2500	2500
Carbon Disulfide	ND<500	500
Methylene Chloride	ND<500	500
trans-1,2-Dichloroethene	ND<500	500
1,1-Dichloroethane	ND<500	500
cis-1,2-Dichloroethene	7500	500
2-Butanone (MEK)	ND<2500	2500
Chloroform	ND<500	500
1,1,1-Trichloroethane	ND<500	500
Carbon Tetrachloride	ND<500	500
Benzene	ND<500	500
1,2-Dichloroethane	ND<500	500
Trichloroethene	6100	500
1,2-Dichloropropane	ND<500	500
Bromodichloromethane	ND<500	500
cis-1,3-Dichloropropene	ND<500	500
4-Methyl-2-pentanone (MIBK)	ND<1000	1000
Toluene	ND<500	500
trans-1,3-Dichloropropene	ND<500	500
1,1,2-Trichloroethane	ND<500	500

For questions regarding this report, please call and ask for Customer Services.

CC :

QC _____ NY 10262 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ *Lab Director*

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 16, 1997

LAB SAMPLE ID : 49489

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8712197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<500	500
2-Hexanone	ND<1000	1000
Dibromochloromethane	ND<500	500
Chlorobenzene	ND<500	500
Ethylbenzene	ND<500	500
p-Xylene/m-Xylene	ND<500	500
o-Xylene	ND<500	500
Styrene	ND<500	500
Bromoform	ND<500	500
1,1,2,2-Tetrachloroethane	ND<500	500
System Monitoring Compounds (%)		
Dibromofluoromethane	110	
Toluene-d8	93	
Bromofluorobenzene	97	

DILUTION FACTOR 1 TO 100

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49490

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW797429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Notebook Reference : 97-079-2386
Units : UG/L
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<250	250
Vinyl Chloride	680	250
Chloroethane	ND<250	250
Bromomethane	ND<250	250
1,1-Dichloroethene	ND<250	250
Acetone	ND<1200	1200
Carbon Disulfide	ND<250	250
Methylene Chloride	ND<250	250
trans-1,2-Dichloroethene	ND<250	250
1,1-Dichloroethane	ND<250	250
cis-1,2-Dichloroethene	4900	250
2-Butanone (MEK)	ND<1200	1200
Chloroform	ND<250	250
1,1,1-Trichloroethane	ND<250	250
Carbon Tetrachloride	ND<250	250
Benzene	ND<250	250
1,2-Dichloroethane	ND<250	250
Trichloroethene	ND<250	250
1,2-Dichloropropane	ND<250	250
Bromodichloromethane	ND<250	250
cis-1,3-Dichloropropene	ND<250	250
4-Methyl-2-pentanone (MIBK)	ND<500	500
Toluene	ND<250	250
trans-1,3-Dichloropropene	ND<250	250
1,1,2-Trichloroethane	ND<250	250

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49490

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATEW797429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO:	

Tetrachloroethene	ND<250	250
2-Hexanone	ND<500	500
Dibromochloromethane	ND<250	250
Chlorobenzene	ND<250	250
p-Xylene/m-Xylene	ND<250	250
o-Xylene	ND<250	250
Styrene	ND<250	250
Bromoform	ND<250	250
1,1,2,2-Tetrachloroethane	ND<250	250
System Monitoring Compounds (%)		
Dibromofluoromethane	112	
Toluene-d8	94	
Bromofluorobenzene	95	

DILUTION FACTOR 1 TO 50

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ *Lab Director*

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49491

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8718197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2403
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<250	250
Vinyl Chloride	840	250
Chloroethane	ND<250	250
Bromomethane	ND<250	250
1,1-Dichloroethene	ND<250	250
Acetone	ND<1200	1200
Carbon Disulfide	ND<250	250
Methylene Chloride	ND<250	250
trans-1,2-Dichloroethene	ND<250	250
1,1-Dichloroethane	ND<250	250
cis-1,2-Dichloroethene	5300	250
2-Butanone (MEK)	ND<1200	1200
Chloroform	ND<250	250
1,1,1-Trichloroethane	ND<250	250
Carbon Tetrachloride	ND<250	250
Benzene	ND<250	250
1,2-Dichloroethane	ND<250	250
Trichloroethene	ND<250	250
1,2-Dichloropropane	ND<250	250
Bromodichloromethane	ND<250	250
cis-1,3-Dichloropropene	ND<250	250
4-Methyl-2-pentanone (MIBK)	ND<500	500
Toluene	ND<250	250
trans-1,3-Dichloropropene	ND<250	250
1,1,2-Trichloroethane	ND<250	250

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected
< = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49491

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8718197429
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/29/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<250	250
2-Hexanone	ND<500	500
Dibromochloromethane	ND<250	250
Chlorobenzene	ND<250	250
Ethylbenzene	ND<250	250
p-Xylene/m-Xylene	300	250
o-Xylene	ND<250	250
Styrene	ND<250	250
Bromoform	ND<250	250
1,1,2,2-Tetrachloroethane	ND<250	250
System Monitoring Compounds (%)		
Dibromofluoromethane	107	
Toluene-d8	93	
Bromofluorobenzene	95	

DILUTION FACTOR: 1 TO 50

QC

NY 10262 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 22, 1997

LAB SAMPLE ID : 49492

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	FB01
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2160
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	0.6 B	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 22, 1997

LAB SAMPLE ID : 49492

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	FB01
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	102	
Toluene-d8	93	
Bromofluorobenzene	97	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 22, 1997

LAB SAMPLE ID : 49493

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	FB02
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2161
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	0.6 B	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10262 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 22, 1997

LAB SAMPLE ID : 49493

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	FB02
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	102	
Toluene-d8	94	
Bromofluorobenzene	96	

DILUTION FACTOR: 1

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49494

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8722197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2390
Date Analyzed : 05/12/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<120	120
Vinyl Chloride	180	120
Chloroethane	ND<120	120
Bromomethane	ND<120	120
1,1-Dichloroethene	ND<120	120
Acetone	ND<620	620
Carbon Disulfide	ND<120	120
Methylene Chloride	ND<120	120
trans-1,2-Dichloroethene	ND<120	120
1,1-Dichloroethane	ND<120	120
cis-1,2-Dichloroethene	3400	120
2-Butanone (MEK)	ND<620	620
Chloroform	ND<120	120
1,1,1-Trichloroethane	ND<120	120
Carbon Tetrachloride	ND<120	120
Benzene	ND<120	120
1,2-Dichloroethane	ND<120	120
Trichloroethene	650	120
1,2-Dichloropropane	ND<120	120
Bromodichloromethane	ND<120	120
cis-1,3-Dichloropropene	ND<120	120
4-Methyl-2-pentanone (MIBK)	ND<250	250
Toluene	ND<120	120
trans-1,3-Dichloropropene	ND<120	120
1,1,2-Trichloroethane	ND<120	120

For questions regarding this report, please call and ask for Customer Services.

CC :

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected
< = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49494

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8722197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<120	120
2-Hexanone	ND<250	250
Dibromochloromethane	ND<120	120
Chlorobenzene	ND<120	120
Ethylbenzene	ND<120	120
p-Xylene/m-Xylene	ND<120	120
o-Xylene	ND<120	120
Styrene	ND<120	120
Bromoform	ND<120	120
1,1,2,2-Tetrachloroethane	ND<120	120
System Monitoring Compounds (%)		
Dibromofluoromethane	108	
Toluene-d8	95	
Bromofluorobenzene	96	

DILUTION FACTOR 1 TO 25

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
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ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID :49495

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8722097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2236
Date Analyzed : 05/13/97

Method : SW846/8260/5030

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49495

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8722097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	98	
Toluene-d8	101	
Bromofluorobenzene	94	

DILUTION FACTOR: 1

QC

NY 10262 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49496

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8723097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW Notebook Reference : 97-082-2237
Method : SW846/8260/5030 Units : UG/L Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49496

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8723097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	97	
Toluene-d8	101	
Bromofluorobenzene	95	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *Lab Director*

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FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49497

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8914097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW Notebook Reference : 97-082-2238
Method : SW846/8260/5030 Units : UG/L Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49497

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8914097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	97	
Toluene-d8	100	
Bromofluorobenzene	94	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID :49498

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8702197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2166
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	15	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	0.9	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	4	0.5
1,1-Dichloroethane	2	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	3	0.5
1,1,1-Trichloroethane	6	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	190	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *Lab Director*

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 16, 1997

LAB SAMPLE ID : 49498

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8702197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	99	
Toluene-d8	95	
Bromofluorobenzene	97	

DILUTION FACTOR: 1

Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2407
Date Analyzed : 05/13/97

Method : SW846/8260/5030

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
cis-1,2-Dichloroethene	250	2.5
Surrogate recovery (%)		
Dibromofluoromethane	99	
Toluene-d8	95	
Bromofluorobenzene	97	

DILUTION FACTOR: 1 TO 5

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 8, 1997

LAB SAMPLE ID : 49499

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8702397430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Notebook Reference : 97-082-2164
Units : UG/L
Date Analyzed : 05/02/97

Compounds Detected	Results	
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	1	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 8, 1997

LAB SAMPLE ID : 49499

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8702397430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO:	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	100	
Toluene-d8	96	
Bromofluorobenzene	96	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49500

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT87230DUP
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2239
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.52
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49500

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT87230DUP
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	98	
Toluene-d8	100	
Bromofluorobenzene	94	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49501

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATB14197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2167
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<2.5	2.5
Vinyl Chloride	130	2.5
Chloroethane	ND<2.5	2.5
Bromomethane	ND<2.5	2.5
1,1-Dichloroethene	ND<2.5	2.5
Acetone	ND<50	50
Carbon Disulfide	ND<2.5	2.5
Methylene Chloride	ND<2.5	2.5
trans-1,2-Dichloroethene	5	2.5
1,1-Dichloroethane	17	2.5
cis-1,2-Dichloroethene	640	2.5
2-Butanone (MEK)	ND<50	50
Chloroform	ND<2.5	2.5
1,1,1-Trichloroethane	73	2.5
Carbon Tetrachloride	ND<2.5	2.5
Benzene	ND<2.5	2.5
1,2-Dichloroethane	ND<2.5	2.5
Trichloroethene	7	2.5
1,2-Dichloropropane	ND<2.5	2.5
Bromodichloromethane	ND<2.5	2.5
cis-1,3-Dichloropropene	ND<2.5	2.5
4-Methyl-2-pentanone (MIBK)	ND<50	50
Toluene	ND<2.5	2.5
trans-1,3-Dichloropropene	ND<2.5	2.5
1,1,2-Trichloroethane	ND<2.5	2.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49501

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BATB14197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<2.5	2.5
2-Hexanone	ND<50	50
Dibromochloromethane	ND<2.5	2.5
Chlorobenzene	ND<2.5	2.5
Ethylbenzene	ND<2.5	2.5
p-Xylene/m-Xylene	ND<2.5	2.5
o-Xylene	ND<2.5	2.5
Styrene	ND<2.5	2.5
Bromoform	ND<2.5	2.5
1,1,2,2-Tetrachloroethane	ND<2.5	2.5
System Monitoring Compounds (%)		
Dibromofluoromethane	103	
Toluene-d8	96	
Bromofluorobenzene	98	

DILUTION FACTOR: 1 TO 5

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49502

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8915197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2391
Date Analyzed : 05/12/97

Method : SW846/8260/5030

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<120	120
Vinyl Chloride	ND<120	120
Chloroethane	ND<120	120
Bromomethane	ND<120	120
1,1-Dichloroethene	ND<120	120
Acetone	ND<620	620
Carbon Disulfide	ND<120	120
Methylene Chloride	3300	120
trans-1,2-Dichloroethene	ND<120	120
1,1-Dichloroethane	ND<120	120
cis-1,2-Dichloroethene	860	120
2-Butanone (MEK)	ND<620	620
Chloroform	ND<120	120
1,1,1-Trichloroethane	ND<120	120
Carbon Tetrachloride	ND<120	120
Benzene	ND<120	120
1,2-Dichloroethane	ND<120	120
1,2-Dichloropropane	ND<120	120
Bromodichloromethane	ND<120	120
cis-1,3-Dichloropropene	ND<120	120
4-Methyl-2-pentanone (MIBK)	ND<250	250
Toluene	ND<120	120
trans-1,3-Dichloropropene	ND<120	120
1,1,2-Trichloroethane	ND<120	120
Tetrachloroethene	ND<120	120

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 23, 1997

LAB SAMPLE ID : 49502

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8915197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

2-Hexanone	ND<250	250
Dibromochloromethane	ND<120	120
Chlorobenzene	ND<120	120
Ethylbenzene	ND<120	120
p-Xylene/m-Xylene	ND<120	120
o-Xylene	ND<120	120
Styrene	ND<120	120
Bromoform	ND<120	120
1,1,2,2-Tetrachloroethane	ND<120	120
System Monitoring Compounds (%)		
Dibromofluoromethane	107	
Toluene-d8	94	
Bromofluorobenzene	94	

DILUTION FACTOR: 1 TO 25

Analyst : CPW Notebook Reference : 97-079-2405

Method : SW846/8260/5030 Units : UG/L Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Trichloroethene	6100	250
Surrogate Recovery (%)		
Dibromofluoromethane	109	
Toluene-d8	92	
Bromofluorobenzene	95	

DILUTION FACTOR: 1 TO 50

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49503

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT89151MS
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Method : SW846/8260/5030
Analyst : CPW
Units : %
Notebook Reference : 97-079-2393
Date Analyzed : 05/12/97

Compounds Detected	Results
1,1-Dichloroethene	114
Benzene	112
Trichloroethene	65
Toluene	109
Chlorobenzene	112
System Monitoring Compounds (%)	
Dibromofluoromethane	107
Toluene-d8	93
Bromofluorobenzene	94

For questions regarding this report, please call and ask for Customer Services.

CC :

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49504

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT89151MSD
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Notebook Reference : 97-079-2394

Method : SW846/8260/5030
Units : %
Date Analyzed : 05/12/97

Compounds Detected	Results
1,1-Dichloroethene	112
Benzene	109
Trichloroethene	72
Toluene	108
Chlorobenzene	110
System Monitoring Compounds (%)	
Dibromofluoromethane	108
Toluene-d8	95
Bromofluorobenzene	93

For questions regarding this report, please call and ask for Customer Services.

CC :

Approved by: _____
Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49505

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8708197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Units : UG/L
Notebook Reference : 97-079-2404
Date Analyzed : 05/13/97

Method : SW846/8260/5030

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<250	250
Vinyl Chloride	ND<250	250
Chloroethane	ND<250	250
Bromomethane	ND<250	250
1,1-Dichloroethene	ND<250	250
Acetone	ND<1200	1200
Carbon Disulfide	ND<250	250
Methylene Chloride	6800	250
trans-1,2-Dichloroethene	ND<250	250
1,1-Dichloroethane	ND<250	250
cis-1,2-Dichloroethene	1300	250
2-Butanone (MEK)	ND<1200	1200
Chloroform	ND<250	250
1,1,1-Trichloroethane	ND<250	250
Carbon Tetrachloride	ND<250	250
Benzene	ND<250	250
1,2-Dichloroethane	ND<250	250
Trichloroethene	420	250
1,2-Dichloropropane	ND<250	250
Bromodichloromethane	ND<250	250
cis-1,3-Dichloropropene	ND<250	250
4-Methyl-2-pentanone (MIBK)	ND<500	500
Toluene	ND<250	250
trans-1,3-Dichloropropene	ND<250	250
1,1,2-Trichloroethane	ND<250	250

For questions regarding this report, please call and ask for Customer Services.

CC :

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49505

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8708197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<250	250
2-Hexanone	ND<500	500
Dibromochloromethane	ND<250	250
Chlorobenzene	ND<250	250
Ethylbenzene	ND<250	250
p-Xylene/m-Xylene	ND<250	250
o-Xylene	ND<250	250
Styrene	ND<250	250
Bromoform	ND<250	250
1,1,2,2-Tetrachloroethane	ND<250	250
System Monitoring Compounds (%)		
Dibromofluoromethane	111	
Toluene-d8	92	
Bromofluorobenzene	95	

DILUTION FACTOR: 1 TO 50

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49506

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8704197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2247
Date Analyzed : 05/13/97

Method : SW846/8260/5030

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	1	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	92	0.5
trans-1,2-Dichloroethene	1	0.5
1,1-Dichloroethane	3	0.5
cis-1,2-Dichloroethene	72	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	2	0.5
1,1,1-Trichloroethane	9	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	13	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY INC

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49506

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8704197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	0.6	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	100	
Toluene-d8	102	
Bromofluorobenzene	98	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 16, 1997

LAB SAMPLE ID : 49507

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8717197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Notebook Reference : 97-082-2168
Method : SW846/8260/5030
Units : UG/L
Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<2.5	2.5
Vinyl Chloride	100	2.5
Chloroethane	ND<2.5	2.5
Bromomethane	ND<2.5	2.5
1,1-Dichloroethene	4	2.5
Acetone	ND<50	50
Carbon Disulfide	ND<2.5	2.5
Methylene Chloride	ND<2.5	2.5
trans-1,2-Dichloroethene	4	2.5
1,1-Dichloroethane	23	2.5
cis-1,2-Dichloroethene	590	2.5
2-Butanone (MEK)	ND<50	50
Chloroform	ND<2.5	2.5
1,1,1-Trichloroethane	120	2.5
Carbon Tetrachloride	ND<2.5	2.5
Benzene	ND<2.5	2.5
1,2-Dichloroethane	ND<2.5	2.5
Trichloroethene	24	2.5
1,2-Dichloropropane	ND<2.5	2.5
Bromodichloromethane	ND<2.5	2.5
cis-1,3-Dichloropropene	ND<2.5	2.5
4-Methyl-2-pentanone (MIBK)	ND<50	50
Toluene	ND<2.5	2.5
trans-1,3-Dichloropropene	ND<2.5	2.5
1,1,2-Trichloroethane	ND<2.5	2.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49507

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8717197430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<2.5	2.5
2-Hexanone	ND<50	50
Dibromochloromethane	ND<2.5	2.5
Chlorobenzene	ND<2.5	2.5
Ethylbenzene	ND<2.5	2.5
p-Xylene/m-Xylene	ND<2.5	2.5
o-Xylene	ND<2.5	2.5
Styrene	ND<2.5	2.5
Bromoform	ND<2.5	2.5
1,1,2,2-Tetrachloroethane	ND<2.5	2.5
System Monitoring Compounds (%)		
Dibromofluoromethane	103	
Toluene-d8	97	
Bromofluorobenzene	99	

DILUTION FACTOR: 1 TO 5

Approved by: _____
Lab Director

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B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 22, 1997

LAB SAMPLE ID : 49508

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8713397430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Units : UG/L
Notebook Reference : 97-082-2162
Date Analyzed : 05/02/97

Method : SW846/8260/5030

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	18	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	0.9	0.9
Acetone	ND<10	10
Carbon Disulfide	44	0.5
Methylene Chloride	0.8 B	0.5
trans-1,2-Dichloroethene	0.6	0.5
1,1-Dichloroethane	0.7	0.5
cis-1,2-Dichloroethene	110	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	1 B	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5
Tetrachloroethene	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 22, 1997

LAB SAMPLE ID : 49508

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8713397430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	100	
Toluene-d8	94	
Bromofluorobenzene	96	

DILUTION FACTOR: 1

	Analyst : CPW	Notebook Reference : 97-079-2408
Method : SW846/8260/5030	Units : UG/L	Date Analyzed : 05/13/97
Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
----------	-------	----------
Trichloroethene	220	2.5
Surrogate Recovery (%)		
Dibromofluoromethane	112	
Toluene-d8	92	
Bromofluorobenzene	94	

DILUTION FACTOR: 1 TO 5

QC: NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

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B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 14, 1997

LAB SAMPLE ID : 49509

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8718097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Analyst : CPW
Notebook Reference : 97-082-2240
Method : SW846/8260/5030
Units : UG/L
Date Analyzed : 05/13/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 14, 1997

LAB SAMPLE ID : 49509

Golder Associates, Inc.

SAMPLE SOURCE	TEXTRON/97-99 GWM/NY
ORIGIN	BAT8718097430
DESCRIPTION	GRAB, 973-9158
SAMPLED ON	04/30/97 by CLIENT
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	97	
Toluene-d8	100	
Bromofluorobenzene	93	

DILUTION FACTOR: 1

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE May 8, 1997

LAB SAMPLE ID : 49510

Golder Associates, Inc.
David Wehn
2221 Niagara Falls Blvd.
PO Box 4069
Niagara Falls NY 14304-4069

SAMPLE SOURCE :	FRIEND LABORATORY, INC.
ORIGIN :	95-045-63-17
DESCRIPTION :	TRIP BLANKS
SAMPLED ON :	04/30/97 by FLI/BB
DATE RECEIVED :	05/02/97
P.O. NO. :	

Analyst : CPW Notebook Reference : 97-082-2159
Method : SW846/8260/5030 Units : UG/L Date Analyzed : 05/02/97

Compounds Detected	Results	PRACTICAL QUANTITATION LIMIT
Chloromethane	ND<0.5	0.5
Vinyl Chloride	ND<0.5	0.5
Chloroethane	ND<0.5	0.5
Bromomethane	ND<0.5	0.5
1,1-Dichloroethene	ND<0.5	0.5
Acetone	ND<10	10
Carbon Disulfide	ND<0.5	0.5
Methylene Chloride	ND<0.5	0.5
trans-1,2-Dichloroethene	ND<0.5	0.5
1,1-Dichloroethane	ND<0.5	0.5
cis-1,2-Dichloroethene	ND<0.5	0.5
2-Butanone (MEK)	ND<10	10
Chloroform	ND<0.5	0.5
1,1,1-Trichloroethane	ND<0.5	0.5
Carbon Tetrachloride	ND<0.5	0.5
Benzene	ND<0.5	0.5
1,2-Dichloroethane	ND<0.5	0.5
Trichloroethene	ND<0.5	0.5
1,2-Dichloropropane	ND<0.5	0.5
Bromodichloromethane	ND<0.5	0.5
cis-1,3-Dichloropropene	ND<0.5	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	10
Toluene	ND<0.5	0.5
trans-1,3-Dichloropropene	ND<0.5	0.5
1,1,2-Trichloroethane	ND<0.5	0.5

For questions regarding this report, please call and ask for Customer Services.

CC :

Approved by: _____ Lab Director

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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FLI FRIEND LABORATORY · N · C

Volatiles ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : May 8, 1997

LAB SAMPLE ID : 49510

Golder Associates, Inc.

SAMPLE SOURCE	FRIEND LABORATORY, INC.
ORIGIN	95-045-63-17
DESCRIPTION	TRIP BLANKS
SAMPLED ON	04/30/97 by FLI/BB
DATE RECEIVED	05/02/97
P.O. NO.	

Tetrachloroethene	ND<0.5	0.5
2-Hexanone	ND<10	10
Dibromochloromethane	ND<0.5	0.5
Chlorobenzene	ND<0.5	0.5
Ethylbenzene	ND<0.5	0.5
p-Xylene/m-Xylene	ND<0.5	0.5
o-Xylene	ND<0.5	0.5
Styrene	ND<0.5	0.5
Bromoform	ND<0.5	0.5
1,1,2,2-Tetrachloroethane	ND<0.5	0.5
System Monitoring Compounds (%)		
Dibromofluoromethane	102	
Toluene-d8	95	
Bromofluorobenzene	98	

DILUTION FACTOR: 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ *Lab Director*

KEY: ND = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

Golder Associates, Inc. Quality Control Report Index
Textron Bell Aerospace
Sampled April 29&30, 1997

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Laboratory Validation and Useability Assessment

Project: Golder Associates, Inc.
Bell Textron Aerospace
Sampled on April 29&30, 1997

The data reported in this package have been reviewed for compliance with QC acceptance limits as specified in the method cited for each analysis.

These statistical limits are typically based on historical laboratory data for a given sample matrix, and will not exceed any default limits specified by the method. CLP acceptance limits are also considered.

The following Quality Control operations are considered in the validation of reported results:

Holding times, surrogate recovery, spiked sample recovery, duplicates/spiked duplicate precision, tuning criteria, internal standard variation, continuing calibration variation, reference (check) sample recovery, and instrument, method, trip and field blanks. The appropriate frequency for each operation is also considered.

Every effort has made to report data which is compliant with the EPA methodology cited for each analysis. In cases where the laboratory was unable to meet all method requirements prior to sample expiry, either due to the nature of the sample or other technical difficulty, results are reported with qualification with the understanding that qualified results may not be suitable for compliance purposes. The internal technical review is based on the USEPA Contract Laboratory Program *National Functional Guidelines for Organic Review* (EPA 540/R-94/012, February 1994) and *National Functional Guidelines for Inorganic Review* (EPA 540/R-94/013, February 1994).

Validation

Volatiles - EPA 8260

Samples were analyzed by EPA method 8260 using a five milliliter purge volume for the Target Compound List.

Surrogate recoveries for all site samples were within laboratory acceptance limits.

Three site samples were spiked in duplicate. Recoveries were within CLP acceptance limits, with two exceptions. Recoveries for site sample BAT89151 were within limits except for Trichloroethene. Since the level of Trichloroethene was more than the spiking levels, no qualification was made. The recoveries for site sample BAT87081 exceeded the limit for two compounds, 1,1-Dichloroethene and Benzene. The check sample associated with the matrix spike was within acceptance limits. Since neither of these compounds were found in the site sample, no qualification was made.

Four check samples were associated with the site samples. Recoveries were within the CLP acceptance limits.

Precision as indicated by %RPD was within CLP acceptance limits.

No other analytical difficulties were encountered.

Useability Assessment

All reported data were found to be valid and usable within the EPA National Functional Validation guidelines except those which were qualified in this Laboratory Validation.

Laboratory validation and

usability assessment conducted by: Teresa B. Bishop

Date: May 22, 1997

Teresa B. Bishop
Quality Assurance

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	ANALYTICAL REQUIREMENTS					
		VOA GC/MS 8260	SV GC/MS	VOA GC	PCB PEST	METALS	OTHER
BAT8720197429	49476	*					
BAT87201DUP	49477	*					
BAT8904197429	49478	*					
BATEW697429	49479	*					
BATEW6MS	49480	*					
BATEW6MSD	49481	*					
BAT9303197429	49482	*					
BAT89051A97429	49483	*					
BAT8721197429	49484	*					
BAT8719197429	49485	*					
BAT8902397429	49486	*					
BAT8902197429	49487	*					
BATEW897429	49488	*					
BAT8712197429	49489	*					
BATEW797429	49490	*					
BAT8718197429	49491	*					
FB01	49492	*					
FB02	49493	*					
BAT8722197430	49494	*					
BAT8722097430	49495	*					
BAT8723097430	49496	*					
BAT8914097430	49497	*					
BAT8702197430	49498	*					
BAT8702397430	49499	*					
BAT87230DUP	49500	*					
BATB14197430	49501	*					
BAT8915197430	49502	*					
BAT89151MS	49503	*					
BAT89151MSD	49504	*					
BAT8708197430	49505	*					
BAT8704197430	49506	*					
BAT8717197430	49507	*					
BAT8713397430	49508	*					
BAT8718097430	49509	*					
TRIP BLANK 04/30/97	49510	*					

01

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA 8260
ANALYSES

Customer Sample Code	Laboratory Sample Code	Matrix	Date Collected	Date Received	Low Level Med. Level	Date Analyzed
BAT8720197429	49476	WATER	04/29/97	05/02/97	LOW	05/12/97
BAT87201DUP	49477	WATER	04/29/97	05/02/97	LOW	05/12/97
BAT8904197429	49478	WATER	04/29/97	05/02/97	LOW	05/02/97
BATEW697429	49479	WATER	04/29/97	05/02/97	LOW	05/13/97
BATEW6MS	49480	WATER	04/29/97	05/02/97	LOW	05/13/97
BATEW6MSD	49481	WATER	04/29/97	05/02/97	LOW	05/13/97
BAT9303197429	49482	WATER	04/29/97	05/02/97	LOW	05/02/97
BAT89051A97429	49483	WATER	04/29/97	05/02/97	LOW	05/12/97
BAT8721197429	49484	WATER	04/29/97	05/02/97	LOW	05/13/97
BAT8719197429	49485	WATER	04/29/97	05/02/97	LOW	05/13/97
BAT8902397429	49486	WATER	04/29/97	05/02/97	LOW	05/02/97
BAT8902197429	49487	WATER	04/29/97	05/02/97	LOW	05/12/97
BATEW897429	49488	WATER	04/29/97	05/02/97	LOW	05/13/97
BAT8712197429	49489	WATER	04/29/97	05/02/97	LOW	05/12/97
BATEW797429	49490	WATER	04/29/97	05/02/97	LOW	05/12/97
BAT8718197429	49491	WATER	04/29/97	05/02/97	LOW	05/13/97
FB01	49492	WATER	04/30/97	05/02/97	LOW	05/02/97
FB02	49493	WATER	04/30/97	05/02/97	LOW	05/02/97
BAT8722197430	49494	WATER	04/30/97	05/02/97	LOW	05/12/97
BAT8722097430	49495	WATER	04/30/97	05/02/97	LOW	05/13/97
BAT8723097430	49496	WATER	04/30/97	05/02/97	LOW	05/13/97
BAT8914097430	49497	WATER	04/30/97	05/02/97	LOW	05/13/97
BAT8702197430	49498	WATER	04/30/97	05/02/97	LOW	05/02&13/97
BAT8702397430	49499	WATER	04/30/97	05/02/97	LOW	05/02/97
BAT87230DUP	49500	WATER	04/30/97	05/02/97	LOW	05/13/97
BATB14197430	49501	WATER	04/30/97	05/02/97	LOW	05/02/97
BAT8915197430	49502	WATER	04/30/97	05/02/97	LOW	05/12&13/97
BAT89151MS	49503	WATER	04/30/97	05/02/97	LOW	05/12/97
BAT89151MSD	49504	WATER	04/30/97	05/02/97	LOW	05/12/97
BAT8708197430	49505	WATER	04/30/97	05/02/97	LOW	05/13/97
BAT8704197430	49506	WATER	04/30/97	05/02/97	LOW	05/13/97
BAT8717197430	49507	WATER	04/30/97	05/02/97	LOW	05/02/97
BAT8713397430	49508	WATER	04/30/97	05/02/97	LOW	05/02&13/97
BAT8718097430	49509	WATER	04/30/97	05/02/97	LOW	05/13/97
TRIP BLANK 04/30/97	49510	WATER	04/30/97	05/02/97	LOW	05/02/97

02

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Friend Laboratory Inc.

Lab Code: NY033 Case No.:_____ SAS No.:_____ SDG No.: GOLDER

Level:[low/med] LOW

	FLI SAMPLE NO.	SMC1 [DBFM] #	SMC2 [TOL] #	SMC3 [BFB] #	OTHER	TOT OUT
1	Water Blank D2157	101	97	97	_____	0
2	49510	102	95	98	_____	0
3	49492	102	93	97	_____	0
4	49493	102	94	96	_____	0
5	49508	101	94	96	_____	0
6	49486	101	94	96	_____	0
7	49499	100	96	96	_____	0
8	49482	101	96	95	_____	0
9	49498	99	95	97	_____	0
10	49501 (1:5)	103	96	98	_____	0
11	49507 (1:5)	103	97	99	_____	0
12	49478	99	96	95	_____	0
13	QC Check D2171	104	98	103	_____	0
14	Water Blank C2379	108	91	96	_____	0
15	49476 (1:100)	112	92	95	_____	0
16	49487 (1:100)	110	93	94	_____	0
17	49489 (1:100)	110	93	97	_____	0
18	49490 (1:50)	112	94	95	_____	0
19	49477 (1:100)	110	94	94	_____	0
20	49494 (1:25)	108	95	96	_____	0
21	49502 (1:25)	107	94	94	_____	0
22	QC Check C2392	108	97	92	_____	0
23	49503 MS (1:25)	107	93	94	_____	0
24	49504 MSD (1:25)	108	95	93	_____	0
25	49483 (1:5)	110	92	96	_____	0
26	Water Blank C2401	106	92	95	_____	0
27	49488 (1:25)	109	91	94	_____	0
28	49491 (1:50)	107	93	95	_____	0
29	49505 (1:50)	111	92	95	_____	0
30	49502 (1:50)	109	92	95	_____	0

SMC1 [DBFM] = Dibromofluoromethane	81.7	-	118.2
SMC2 [TOL] = Toluene-d8	88.1	-	113.1
SMC3 [BFB] = 4-Bromofluorobenzene	74.0	-	131.6

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

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Friend Laboratory Inc.

Lab Code: NY033 Case No.:_____ SAS No.:_____ SDG No.: GOLDER

Level:[low/med] LOW

	FLI SAMPLE NO.	SMC1 [DBFM] #	SMC2 [TOL] #	SMC3 [BFB] #	OTHER	TOT OUT
1	49498 (1:5)	111	90	95		0
2	49508 (1:5)	112	92	94		0
3	QC Check C2412	107	93	92		0
4	49505 MS (1:50)	178 *	126 *	160 *		3
5	49505 MSD (1:50)	182 *	126 *	176 *		3
6	Water Blank D2234	96	101	96		0
7	49485	101	101	96		0
8	49495	98	101	95		0
9	49496	97	101	95		0
10	49497	97	100	94		0
11	49500	98	100	94		0
12	49509	97	100	93		0
13	49479	98	98	95		0
14	49480 MS	98	99	94		0
15	49481 MSD	98	99	95		0
16	49484	99	99	96		0
17	49506	100	102	98		0
18	QC Check D2248	164 *	116 *	156 *		0
19						0
20						0
21						0
22						0
23						0
24						0
25						0
26						0
27						0
28						0
29						0
30						0

SMC1 [DBFM] = Dibromofluoromethane	81.7 -	118.2
SMC2 [TOL] = Toluene-d8	88.1 -	113.1
SMC3 [BFB] = 4-Bromofluorobenzene	74.0 -	131.6

Column to be used to flag recovery values

* Values outside required QC limits

D Surrogate diluted out

FLI 8240/8260 Check Sample Report

Date Analyzed: 05/02/97
Analyst: CPW
Reference: 97-082- D2171.D
Sample: 7 50 ug/l check
clp

COMPOUND NAME	Calc Conc	Actual Conc @ 50	Percent Recovery	QC Limits
Dibromofluoromethane	52.10	50.00	104	80 - 115
1,1-Dichloroethene	43.55	50.00	87	61 - 114
Benzene	46.10	50.00	92	76 - 127
Trichloroethene	47.45	50.00	95	71 - 120
Toluene-d8	48.99	50.00	98	89 - 117
Toluene	47.81	50.00	96	76 - 125
Chlorobenzene	49.40	50.00	99	75 - 130
4-Bromofluorobenzene	51.32	50.00	103	79 - 126

#-Denotes % Recovery outside of QC acceptance limits

05

Spike Recovery and RPD Summary Report - WATER

Method : D:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Tue May 13 08:54:40 1997
Response via : Initial Calibration

Non-Spiked Sample: C2391.D 49502, BAT 89151

	Spike Sample	Spike Duplicate Sample
File ID :	C2393.D	C2394.D
Sample :	ww 18 49503ms 1:25 Golder 8260 4/30	ww 19 49504msd 1:
Acq Time:	12 May 97 7:56 pm	12 May 97 8:27 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-Dichloroethene	0.2	50	57	56	114	112	2	14	61-145
Benzene	0.1	50	56	55	112	109	3	11	76-127
Trichloroethene	226.8	50	259	263	65#	72	1	14	71-120
Toluene	0.2	50	55	54	109	108	1	13	76-125
Chlorobenzene	0.0	50	56	55	112	110	2	13	75-130

5-06-82.M Tue May 13 09:02:13 1997 MSD-C

FLI 8240/8260 Check Sample Report

Date Analyzed: 05/12/97
Analyst: CPW
Reference: 97-079-- C2392.D
Sample: 17 50 ug/l check
clp

COMPOUND NAME	Calc Conc	Actual Conc	Percent Recovery	QC Limits
Pentafluorobenzene	50.00	50.00	100	50 - 150
1,1-Dichloroethene	54.68	50.00	109	61 - 145
Dibromofluoromethane	54.02	50.00	108	50 - 150
Benzene	52.40	50.00	105	76 - 127
1,4-Difluorobenzene	50.00	50.00	100	50 - 150
Trichloroethene	52.31	50.00	105	71 - 120
Chlorobenzene-d5	50.00	50.00	100	50 - 150
Toluene-d8	48.26	50.00	97	71 - 143
Toluene	53.22	50.00	106	76 - 125
Chlorobenzene	54.90	50.00	110	75 - 130
1,4-Dichlorobenzene-d4	50.00	50.00	100	50 - 150
4-Bromofluorobenzene	46.01	50.00	92	50 - 150

#-denotes outside qc acceptable limits

07

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Tue May 13 08:54:40 1997
Response via : Initial Calibration

97-079

Non-Spiked Sample: C2404.D 49505, BAT87081

	Spike Sample	Spike Duplicate Sample
File ID :	C2414.D	C2415.D
Sample :	ww 17 49505ms 1:50 Golder 8260 4/30	ww 18 49505msd 1:
Acq Time:	13 May 97 6:12 pm	13 May 97 6:43 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-Dichloroethene	0.1	50	81	88	161#	176#	9	14	61-145
Benzene	0.2	50	69	72	137#	143#	4	11	76-127
Trichloroethene	8.4	50	64	60	110	103	6	14	71-120
Toluene	0.1	50	57	59	115	118	3	13	76-125
Chlorobenzene	0.0	50	50	52	99	104	4	13	75-130

5-06-82.M Wed May 14 09:38:02 1997 MSD-C

FLI 8240/8260 Check Sample Report

97-079

Date Analyzed: 05/13/97
Analyst: CPW
Reference: 97-079-- C2412.D
Sample: 15 50 ug/l check
clp

COMPOUND NAME	Calc Conc	Actual Conc	Percent Recovery	QC Limits
Pentafluorobenzene	50.00	50.00	100	50 - 150
1,1-Dichloroethene	55.16	50.00	110	61 - 145
Dibromofluoromethane	53.42	50.00	107	50 - 150
Benzene	53.68	50.00	107	76 - 127
1,4-Difluorobenzene	50.00	50.00	100	50 - 150
Trichloroethene	51.86	50.00	104	71 - 120
Chlorobenzene-d5	50.00	50.00	100	50 - 150
Toluene-d8	46.66	50.00	93	71 - 143
Toluene	53.80	50.00	108	76 - 125
Chlorobenzene	55.22	50.00	110	75 - 130
1,4-Dichlorobenzene-d4	50.00	50.00	100	50 - 150
4-Bromofluorobenzene	45.85	50.00	92	50 - 150

#-denotes outside qc acceptable limits

09

Spike Recovery and RPD Summary Report - WATER

Method : D:\HPCHEM\1\METHODS\5-13826.M
Title : SW846/8240/8260
Last Update : Tue May 13 11:14:42 1997
Response via : Initial Calibration

97-082

Non-Spiked Sample: D2243.D 49479, BATEW6

	Spike Sample	Spike Duplicate Sample
File ID :	D2244.D	D2245.D
Sample :	ww 5 49480ms Golder 8260 4/29	ww 6 49481msd Golder 82
Acq Time:	13 May 97 5:34 pm	13 May 97 6:05 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-Dichloroethene	0.0	50	38	41	76	81	7	14	61-145
Benzene	0.0	50	38	40	76	81	6	11	76-127
Trichloroethene	0.7	50	39	41	76	81	6	14	71-120
Toluene	0.0	50	39	41	79	83	5	13	76-125
Chlorobenzene	0.0	50	41	43	81	85	5	13	75-130

5-13826.M Wed May 14 09:14:15 1997 MSD-D

FLI 8240/8260 Check Sample Report

Date Analyzed: 05/13/97
Analyst: CPW
Reference: 97-082- D2248.D
Sample: 9 50 ug/l check
clp

97-082

COMPOUND NAME	Calc Conc	Actual Conc @ 50	Percent Recovery	QC Limits	
Dibromofluoromethane	81.82	50.00	164	80 - 115	*
1,1-Dichloroethene	66.19	50.00	132	61 - 114	*
Benzene	54.90	50.00	110	76 - 127	
Trichloroethene	48.41	50.00	97	71 - 120	
Toluene-d8	58.02	50.00	116	89 - 117	
Toluene	51.69	50.00	103	76 - 125	
Chlorobenzene	46.64	50.00	93	75 - 130	
4-Bromofluorobenzene	77.82	50.00	156	79 - 126	*

#-Denotes % Recovery outside of QC acceptance limits

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4A

VOLATILE METHOD BLANK SUMMARY

Lab Name: Friend Laboratory Inc. Contract: _____

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: 97-082-2157 Lab Sample ID: WATER BLANK

Date Analyzed: 05/02/97 Time Analyzed: 1515

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: MSD-D

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	TRIP BLANK 04/30/97	49510	2159	1656
2	FB01	49492	2160	1727
3	FB02	49493	2161	1758
4	BAT8713397430	49508	2162	1828
5	BAT8902397429	49486	2163	1859
6	BAT8702397430	49499	2164	1930
7	BAT9303197429	49482	2165	2001
8	BAT8702197430	49498	2166	2032
9	BATB14197430	49501	2167	2103
10	BAT8717197430	49507	2168	2134
11	BAT8904197429	49478	2169	2205
12	QC Check D2171	QC Check	2171	2306
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COMMENTS:

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

Lab Name: Friend Laboratory Inc. Contract: _____

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: 97-079-2379 Lab Sample ID: WATER BLANK

Date Analyzed: 05/12/97 Time Analyzed: 1243

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: MSD-C

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	BAT8720197429	49476	2380	1314
2	BAT8902197429	49487	2381	1344
3	BAT8712197429	49489	2382	1415
4	BATEW797429	49490	2386	1619
5	BAT87201DUP	49477	2389	1752
6	BAT8722197430	49494	2390	1823
7	BAT8915197430	49502	2391	1854
8	QC Check C2392	QC Check	2392	1925
9	BAT89151MS	49503 MS	2393	1956
10	BAT89151MSD	49504 MSD	2394	2027
11	BAT89051A97429	49483	2396	2128
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COMMENTS:

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

Lab Name: Friend Laboratory Inc. Contract: _____

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: 97-079-2401 Lab Sample ID: WATER BLANK

Date Analyzed: 05/13/97 Time Analyzed: 1130

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: MSD-C

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	BATEW897429	49488	2402	1201
2	BAT8718197429	49491	2403	1232
3	BAT8708197430	49505	2404	1304
4	BAT8915197430	49502	2405	1335
5	BAT8702197430	49498	2407	1437
6	BAT8713397430	49508	2408	1508
7	QC Check C2412	QC Check	2412	1711
8	BAT8708197430MS	49505 MS	2414	1812
9	BAT8708197430MSD	49505 MSD	2415	1843
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COMMENTS:

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

Lab Name: Friend Laboratory Inc. Contract: _____

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: 97-082-2234 Lab Sample ID: WATER BLANK

Date Analyzed: 05/13/97 Time Analyzed: 1224

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: MSD-D

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	BAT8719197429	49485	2235	1256
2	BAT8722097430	49495	2236	1327
3	BAT8723097430	49496	2237	1357
4	BAT8914097430	49497	2238	1429
5	BAT87230DUP	49500	2239	1459
6	BAT8718097430	49509	2240	1531
7	BATEW697429	49479	2243	1703
8	BATEW6MS	49480 MS	2244	1734
9	BATEW6MSD	49481 MSD	2245	1805
10	BAT8721197429	49484	2246	1836
11	BAT8704197430	49506	2247	1907
12	QC Check D2248	QC Check	2248	1938
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COMMENTS:

FORM IV VOA

Friend Laboratory Inc.
Method Blank Analysis
SW846/8260 Target Compound List

DATE: 05/02/97 REFERENCE: 97-082-2157 ANALYST: CPW

ANALYTE	ug/L
Chloromethane	ND<5
Vinyl Chloride	ND<5
Bromomethane	0.35 J
Chloroethane	ND<5
1,1-Dichloroethene	ND<5
Acetone	2.24 J
Carbon Disulfide	ND<5
Methylene chloride	0.35 J
trans-1,2-Dichloroethene	ND<5
1,1-Dichloroethane	ND<5
cis-1,2-Dichloroethene	ND<5
Methyl ethyl ketone	ND<25
Chloroform	ND<5
1,1,1-Trichloroethane	0.22 J
Carbon tetrachloride	ND<5
Benzene	ND<5
1,2-Dichloroethane	ND<5
Trichloroethene	ND<5
1,2-Dichloropropane	ND<5

ANALYTE	ug/L
Bromodichloromethane	ND<5
cis-1,3-Dichloropropene	ND<5
Methyl Isobutyl Ketone	0.49 J
Toluene	ND<5
trans-1,3-Dichloropropene	ND<5
1,1,2-Trichloroethane	ND<5
Tetrachloroethene	0.36 J
2-Hexanone	ND<10
Dibromochloromethane	ND<5
Chlorobenzene	ND<5
Ethylbenzene	0.36 J
p-Xylene/m-Xylene	ND<5
o-Xylene	ND<5
Styrene	ND<5
Bromoform	ND<5
1,1,2,2-Tetrachloroethane	ND<5

Friend Laboratory Inc.
Method Blank Analysis
SW846/8260 Target Compound List

DATE: 05/12/97 REFERENCE: 97-079-2379 ANALYST: CPW

ANALYTE	ug/L
Chloromethane	ND<5
Vinyl Chloride	ND<5
Bromomethane	ND<5
Chloroethane	ND<5
1,1-Dichloroethene	ND<5
Acetone	6.35 J
Carbon Disulfide	ND<5
Methylene chloride	ND<5
trans-1,2-Dichloroethene	ND<5
1,1-Dichloroethane	ND<5
cis-1,2-Dichloroethene	ND<5
Methyl ethyl ketone	ND<25
Chloroform	ND<5
1,1,1-Trichloroethane	3.00 J
Carbon tetrachloride	ND<5
Benzene	ND<5
1,2-Dichloroethane	ND<5
Trichloroethene	ND<5
1,2-Dichloropropane	ND<5

ANALYTE	ug/L
Bromodichloromethane	ND<5
cis-1,3-Dichloropropene	ND<5
Methyl Isobutyl Ketone	ND<10
Toluene	ND<5
trans-1,3-Dichloropropene	ND<5
1,1,2-Trichloroethane	ND<5
Tetrachloroethene	2.42 J
2-Hexanone	ND<10
Dibromochloromethane	ND<5
Chlorobenzene	ND<5
Ethylbenzene	ND<5
p-Xylene/m-Xylene	ND<5
o-Xylene	ND<5
Styrene	ND<5
Bromoform	ND<5
1,1,2,2-Tetrachloroethane	ND<5

Friend Laboratory Inc.
Method Blank Analysis
SW846/8260 Target Compound List

DATE: 05/13/97 REFERENCE: 97-079-2401 ANALYST: CPW

ANALYTE	ug/L
Chloromethane	ND<5
Vinyl Chloride	ND<5
Bromomethane	ND<5
Chloroethane	ND<5
1,1-Dichloroethene	ND<5
Acetone	8.34 J
Carbon Disulfide	ND<5
Methylene chloride	ND<5
trans-1,2-Dichloroethene	ND<5
1,1-Dichloroethane	ND<5
cis-1,2-Dichloroethene	ND<5
Methyl ethyl ketone	ND<25
Chloroform	ND<5
1,1,1-Trichloroethane	3.18 J
Carbon tetrachloride	ND<5
Benzene	ND<5
1,2-Dichloroethane	ND<5
Trichloroethene	ND<5
1,2-Dichloropropane	ND<5

ANALYTE	ug/L
Bromodichloromethane	ND<5
cis-1,3-Dichloropropene	ND<5
Methyl Isobutyl Ketone	ND<10
Toluene	ND<5
trans-1,3-Dichloropropene	ND<5
1,1,2-Trichloroethane	ND<5
Tetrachloroethene	2.65 J
2-Hexanone	ND<10
Dibromochloromethane	ND<5
Chlorobenzene	ND<5
Ethylbenzene	2.38 J
p-Xylene/m-Xylene	ND<5
o-Xylene	ND<5
Styrene	ND<5
Bromoform	ND<5
1,1,2,2-Tetrachloroethane	ND<5

Friend Laboratory Inc.
Method Blank Analysis
SW846/8260 Target Compound List

DATE: 05/13/97 REFERENCE: 97-082-2234 ANALYST: CPW

ANALYTE	ug/L
Chloromethane	ND<5
Vinyl Chloride	ND<5
Bromomethane	ND<5
Chloroethane	ND<5
1,1-Dichloroethene	ND<5
Acetone	2.24 J
Carbon Disulfide	ND<5
Methylene chloride	0.29 J
trans-1,2-Dichloroethene	ND<5
1,1-Dichloroethane	ND<5
cis-1,2-Dichloroethene	ND<5
Methyl ethyl ketone	ND<25
Chloroform	ND<5
1,1,1-Trichloroethane	ND<5
Carbon tetrachloride	ND<5
Benzene	ND<5
1,2-Dichloroethane	ND<5
Trichloroethene	ND<5
1,2-Dichloropropane	ND<5

ANALYTE	ug/L
Bromodichloromethane	ND<5
cis-1,3-Dichloropropene	ND<5
Methyl Isobutyl Ketone	0.47 J
Toluene	ND<5
trans-1,3-Dichloropropene	ND<5
1,1,2-Trichloroethane	ND<5
Tetrachloroethene	ND<5
2-Hexanone	ND<10
Dibromochloromethane	ND<5
Chlorobenzene	ND<5
Ethylbenzene	ND<5
p-Xylene/m-Xylene	ND<5
o-Xylene	ND<5
Styrene	ND<5
Bromoform	ND<5
1,1,2,2-Tetrachloroethane	ND<5

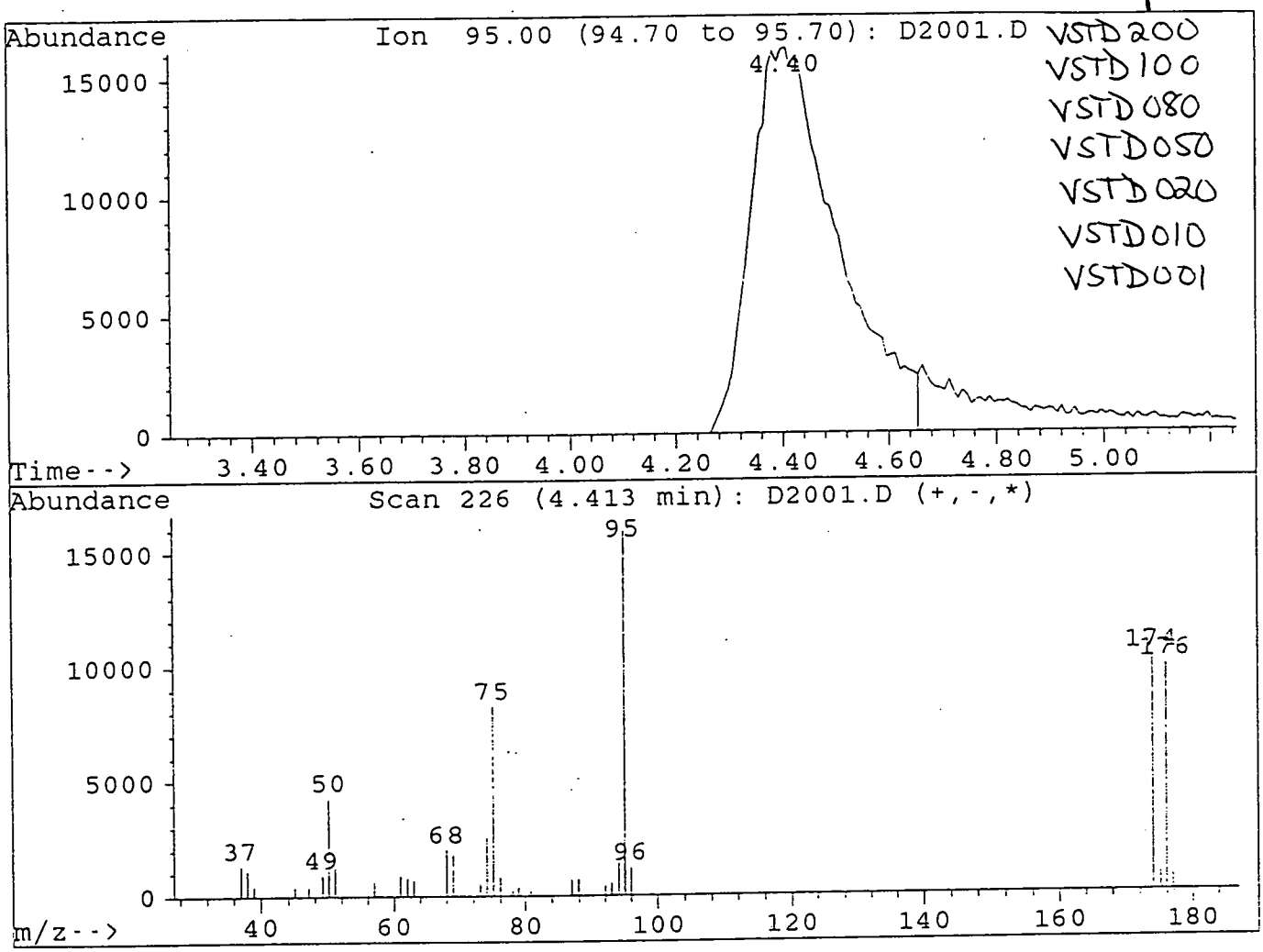
CLPBFB

Data File : C:\HPCHEM\1\DATA\D2001.D
Acq Time : 22 Apr 97 3:32 pm
Sample : 7 BFB Tune Report
Misc : 50 ng on column (10 ul 96-091-21-4->5ml

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :

Sample File#
VSTD200 2002
VSTD100 2003
VSTD080 2004
VSTD050 2005
VSTD020 2006
VSTD010 2007
VSTD001 2008



Peak Apex is scan: 225

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	27.0	4298	PASS
75	95	30	80	52.1	8293	PASS
95	95	100	100	100.0	15918	PASS
96	95	5	9	7.7	1228	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	64.5	10260	PASS
175	174	5	9	7.7	791	PASS
176	174	95	101	96.3	9880	PASS
177	176	5	9	6.8	673	PASS

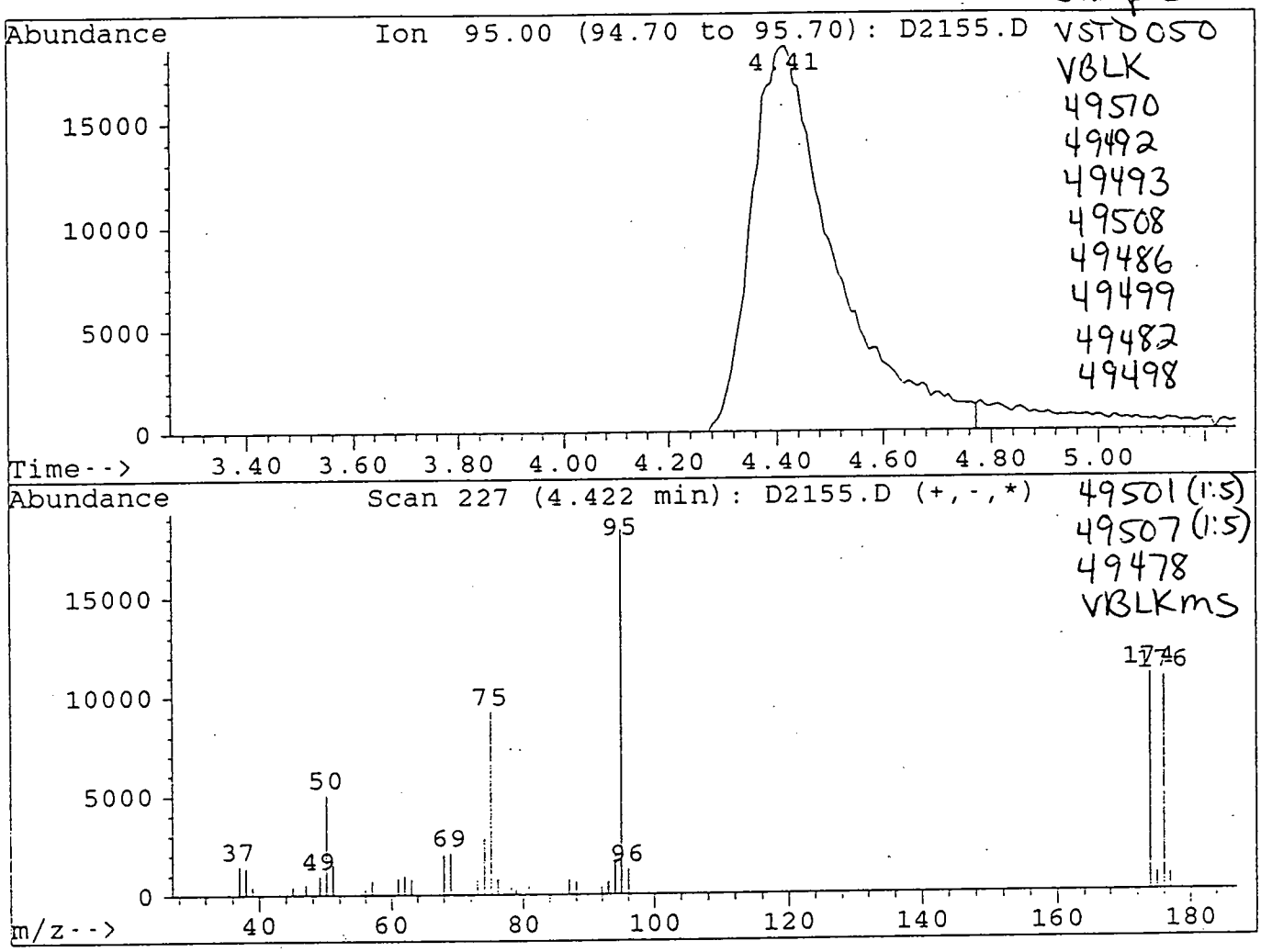
D2001.D BFBCHK.M Tue Apr 22 15:41:14 1997 MSD-D

CLPBFB

Data File : C:\HPCHEM\1\DATA\D2155.D
Acq Time : 2 May 97 2:15 pm
Sample : 7 BFB Tune Report
Misc : 50 ng on column (10 ul 96-091-21-4->5ml

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :



Sample	File #
VSTD050	2156
VBLK	2157
49570	2159
49492	2160
49493	2161
49508	2162
49486	2163
49499	2164
49482	2165
49498	2166
49501 (1:5)	2167
49507 (1:5)	2168
49478	2169
VBLKMS	2171

Peak Apex is scan: 226

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	27.4	5056	PASS
75	95	30	80	50.1	9243	PASS
95	95	100	100	100.0	18443	PASS
96	95	5	9	6.9	1274	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	59.8	11030	PASS
175	174	5	9	8.0	886	PASS
176	174	95	101	98.0	10810	PASS
177	176	5	9	7.7	830	PASS

D2155.D BFBCHK.M Fri May 02 14:24:15 1997 MSD-D

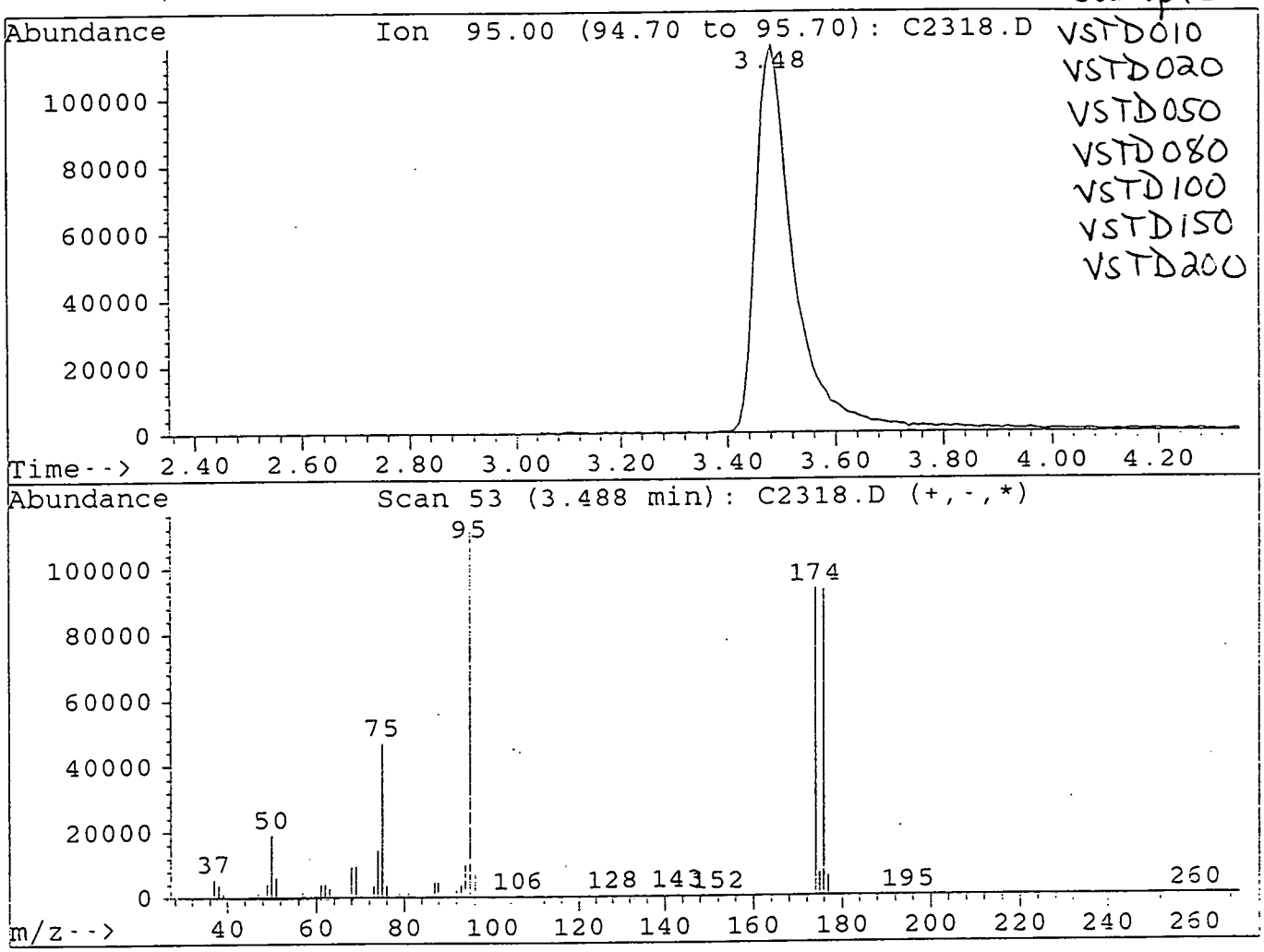
CLPBFB

Data File : D:\HPCHEM\1\DATA\C2318.D
Acq Time : 6 May 97 8:23 pm
Sample : 1 BFB Tune Report
Misc : 50 ng

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :

Sample	File #
VSTD010	2319
VSTD020	2321
VSTD050	2323
VSTD080	2324
VSTD100	2325
VSTD150	2326
VSTD200	2327



Peak Apex is scan: 52

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.2	19125	PASS
75	95	30	60	42.2	46986	PASS
95	95	100	100	100.0	111251	PASS
96	95	5	9	6.3	7061	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	84.1	93533	PASS
175	174	5	9	7.3	6811	PASS
176	174	95	101	99.6	93195	PASS
177	176	5	9	6.5	6092	PASS

C2318.D BFBCHK.M Tue May 06 20:28:34 1997 MSD-C

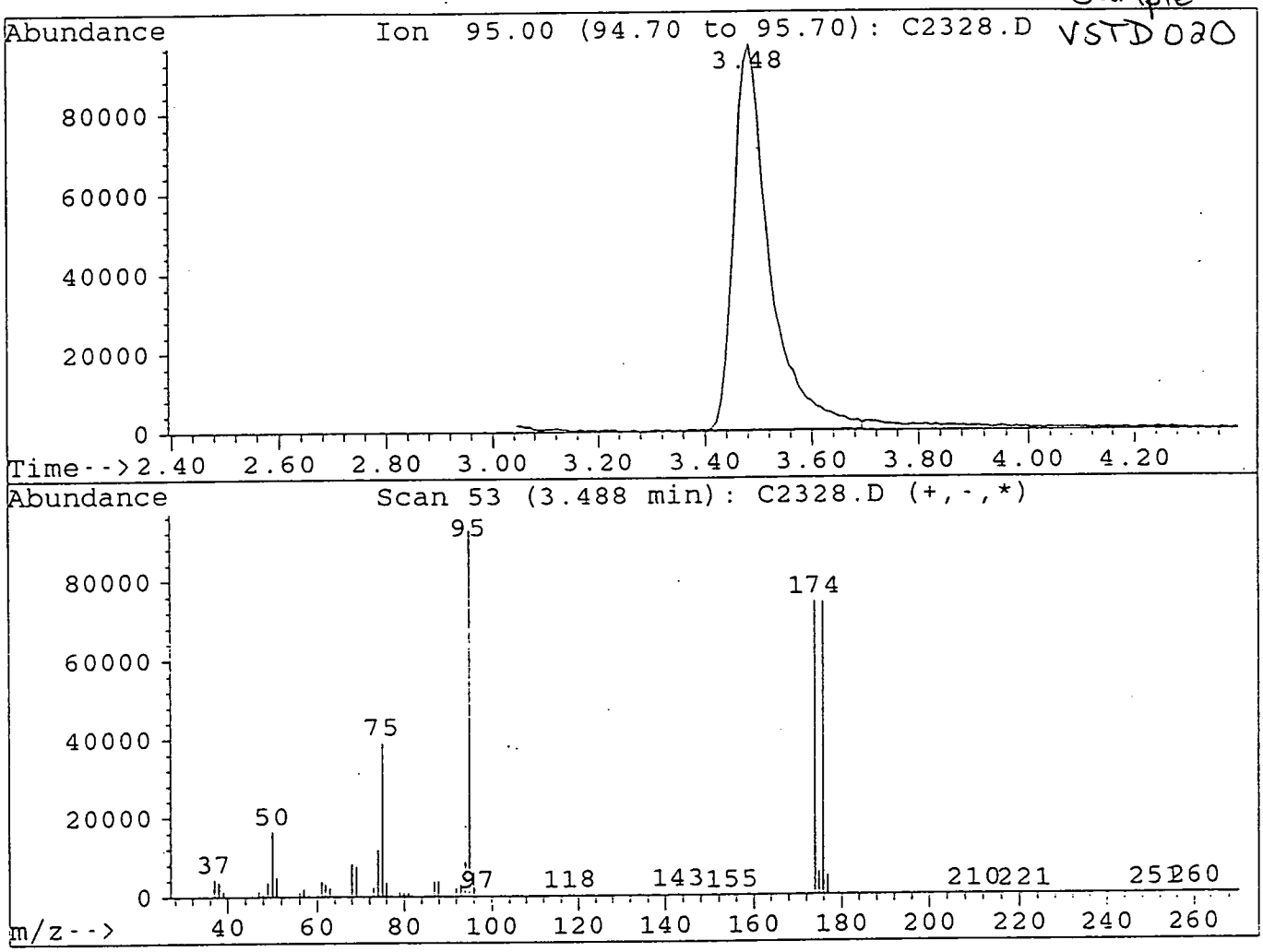
CLPBFB

Data File : D:\HPCHEM\1\DATA\C2328.D
Acq Time : 7 May 97 12:39 pm
Sample : 17 BFB Tune Report
Misc : 50 ng

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :

Sample VSTD020 File# 2329



Peak Apex is scan: 52

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.8	16532	PASS
75	95	30	60	42.2	39143	PASS
95	95	100	100	100.0	92707	PASS
96	95	5	9	6.7	6230	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	80.3	74456	PASS
175	174	5	9	7.7	5728	PASS
176	174	95	101	99.9	74392	PASS
177	176	5	9	6.5	4850	PASS

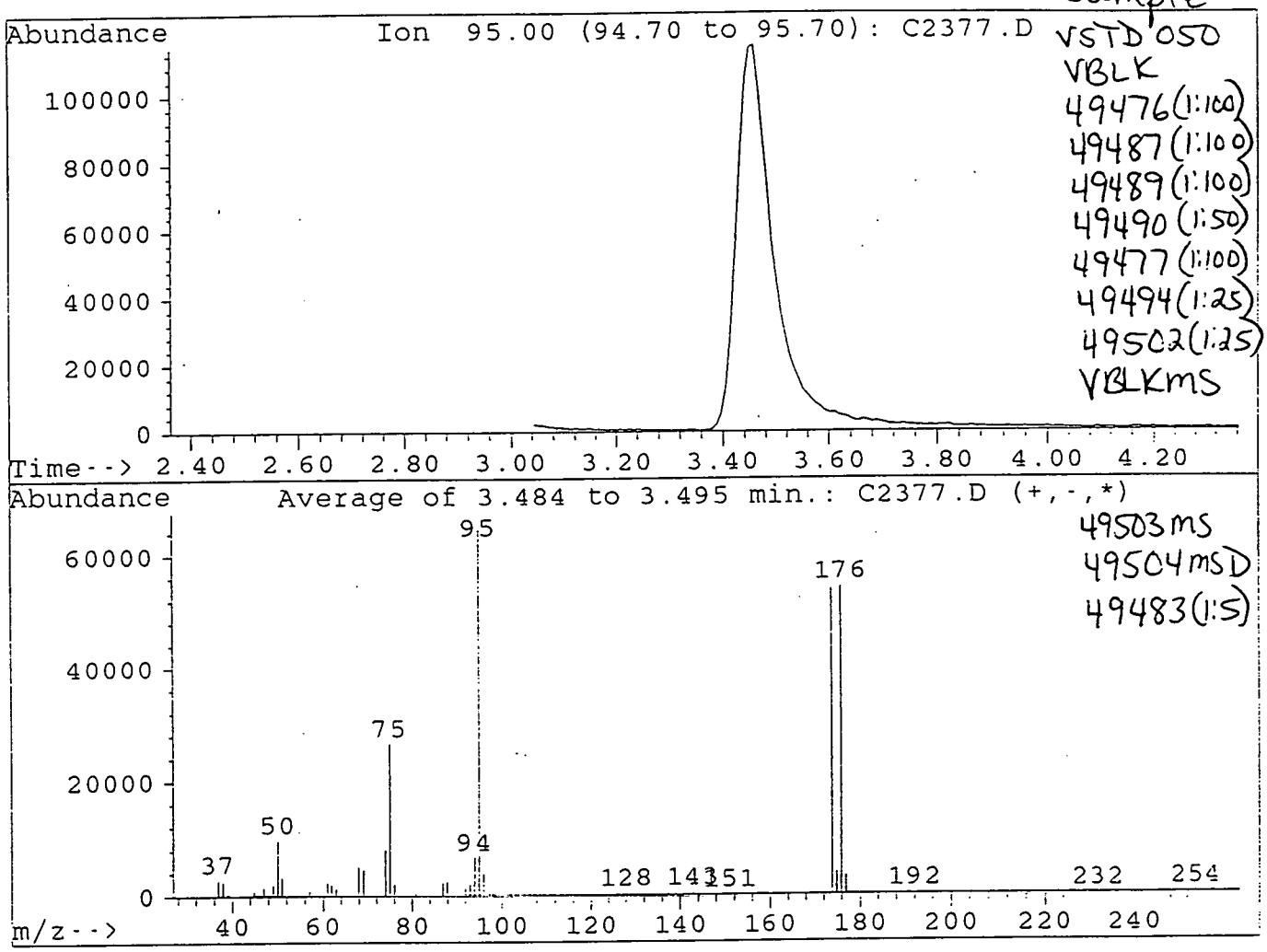
C2328.D BFBCHK.M Wed May 07 12:44:24 1997 MSD-C

CLPBFB

Data File : D:\HPCHEM\1\DATA\C2377.D
Acq Time : 12 May 97 10:42 am
Sample : 1 BFB Tune Report
Misc : 50 ng bfb (10 ul 96-09121-4 -> 5 ml h2o)

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260



Sample	File #
VSTD050	2378
VBLK	2379
49476(1:100)	2380
49487(1:100)	2381
49489(1:100)	2382
49490(1:50)	2386
49477(1:100)	2389
49494(1:25)	2390
49502(1:25)	2391
VBLKMS	2392
49503MS	2393
49504MSD	2394
49483(1:5)	2396

Peak Apex is scan: 38

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.1	9766	PASS
75	95	30	60	41.2	26567	PASS
95	95	100	100	100.0	64554	PASS
96	95	5	9	6.3	4052	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	83.6	53988	PASS
175	174	5	9	7.4	4001	PASS
176	174	95	101	100.6	54332	PASS
177	176	5	9	6.2	3393	PASS

C2377.D 5-06-82.M Mon May 12 10:57:46 1997 MSD-C

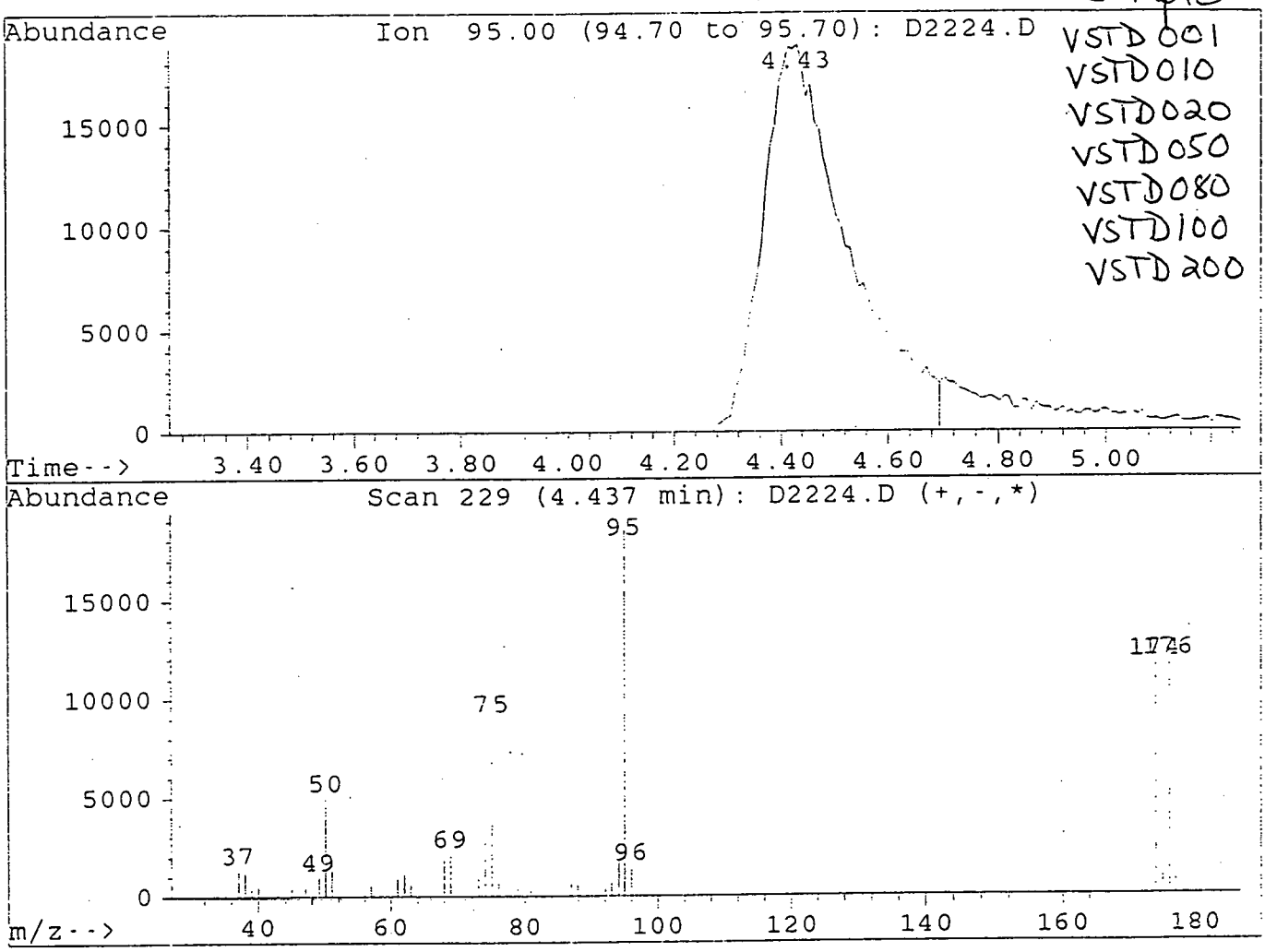
CLPBFB

Data File : C:\HPCHEM\1\DATA\D2224.D
Acq Time : 12 May 97 8:32 pm
Sample : 3 BFB Tune Report
Misc : 50 ng on column (10 ul 96-091-21-4->5ml

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :

Sample File#
VSTD001 2225
VSTD010 2226
VSTD020 2227
VSTD050 2228
VSTD080 2229
VSTD100 2230
VSTD200 2231



Peak Apex is scan: 228

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.8	4968	PASS
75	95	30	80	48.4	8983	PASS
95	95	100	100	100.0	18547	PASS
96	95	5	9	7.7	1429	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	62.9	11663	PASS
175	174	5	9	8.0	933	PASS
176	174	95	101	100.4	11707	PASS
177	176	5	9	6.8	799	PASS

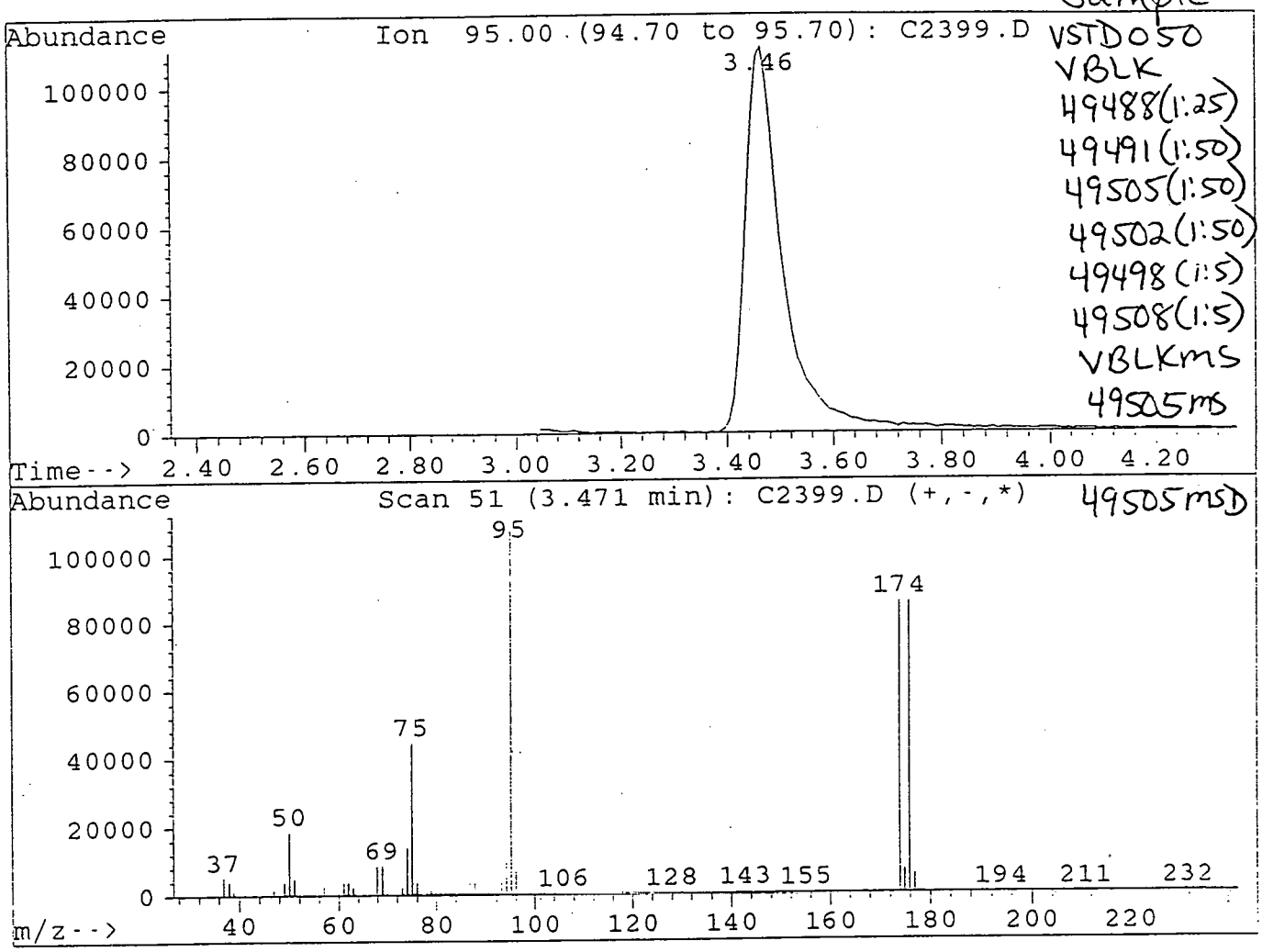
D2224.D BFBCHK.M Mon May 12 20:41:24 1997 MSD-D

CLPBFB

Data File : D:\HPCHEM\1\DATA\C2399.D
Acq Time : 13 May 97 10:32 am
Sample : 1 BFB Tune Report
Misc : 50 ng bfb (10 ul 96-09121-4 -> 5 ml h2o)

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :



Sample	File #
VSTD050	2400
VBLK	2401
49488(1:25)	2402
49491(1:50)	2403
49505(1:50)	2404
49502(1:50)	2405
49498(1:5)	2407
49508(1:5)	2408
VBLKms	2412
49505ms	2414
49505msD	2415

Peak Apex is scan: 50

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.4	18682	PASS
75	95	30	60	41.6	44559	PASS
95	95	100	100	100.0	107128	PASS
96	95	5	9	6.5	6941	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	80.0	85755	PASS
175	174	5	9	7.9	6744	PASS
176	174	95	101	99.9	85645	PASS
177	176	5	9	6.5	5590	PASS

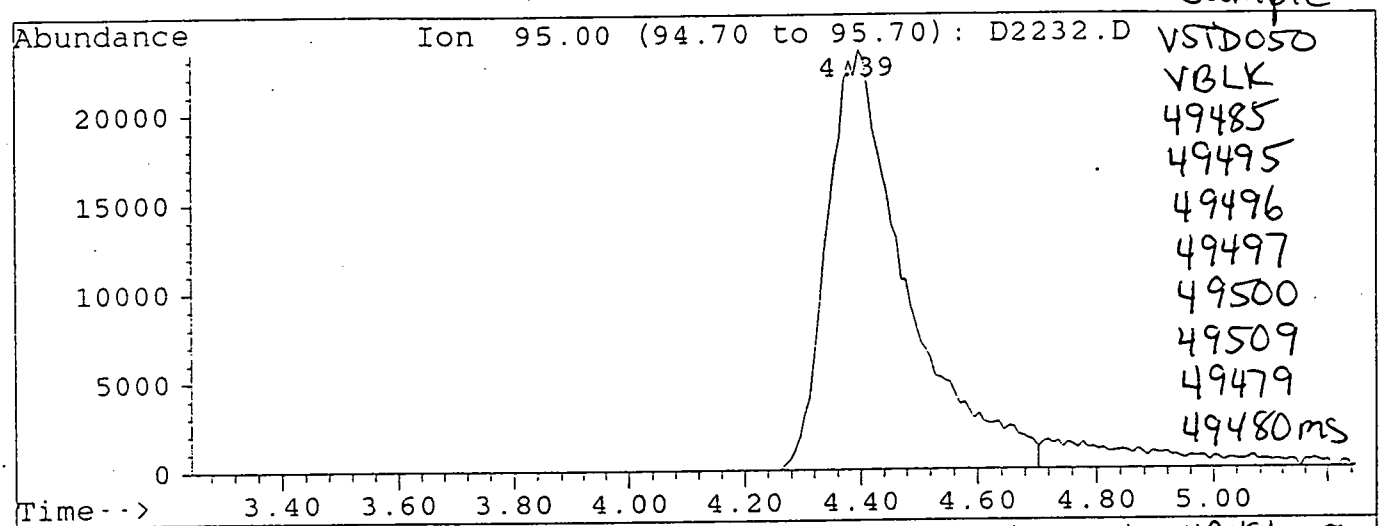
C2399.D BFBCHK.M Tue May 13 10:37:24 1997 MSD-C

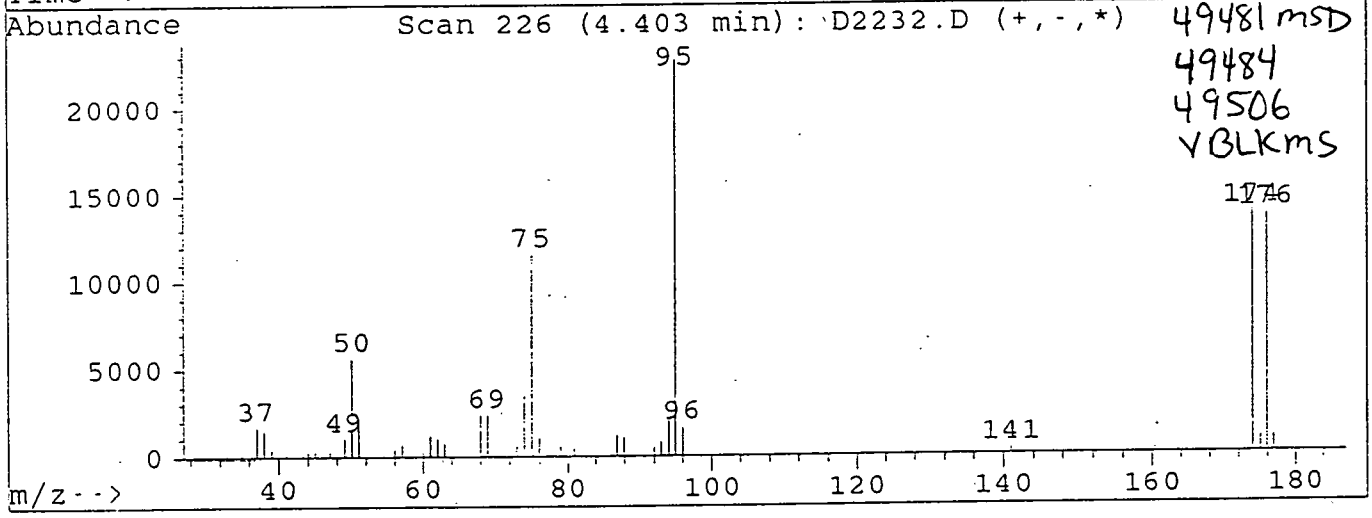
CLPBFB

Data File : C:\HPCHEM\1\DATA\D2232.D
Acq Time : 13 May 97 11:25 am
Sample : 9 BFB Tune Report
Misc : 50 ng on column (10 ul 96-091-21-4->5ml

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFBCHK.M
Title :





Sample	File#
VSTD050	2233
VBLK	2234
49485	2235
49495	2236
49496	2237
49497	2238
49500	2239
49509	2240
49479	2243
49480ms	2244
49481msd	2245
49484	2246
49506	2247
VBLKms	2248

Peak Apex is scan: 225

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.8	5646	PASS
75	95	30	80	50.7	11555	PASS
95	95	100	100	100.0	22808	PASS
96	95	5	9	7.2	1642	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	60.5	13792	PASS
175	174	5	9	6.8	934	PASS
176	174	95	101	98.9	13637	PASS
177	176	5	9	6.9	937	PASS

D2232.D BFBCHK.M Tue May 13 11:35:02 1997 MSD-D

Calibration Table Report
Method: 4-22826.M
Title: SW846/8240/8260
Last Calibration: Thu Apr 24 12:11:25 1997

Calibration Files

Compound	1 D2008.D	10 D2007.D	20 D2006.D	50 D2005.D	80 D2004.D	100 D2003.D	200 D2002.D	Avg	Stdev	
Pentafluorobenzene	ISTD									
Dichlorodifluoromethane	1.565	1.820	1.485	1.583	1.551	1.793	1.653	1.636	0.127	7.760
Chloromethane	1.127	1.180	1.005	1.099	1.098	1.283	1.192	1.141	0.088	7.733
Vinyl Chloride	0.894	1.096	0.915	0.990	0.977	1.144	1.073	1.013	0.094	9.266
Bromomethane	0.708	0.734	0.581	0.615	0.587	0.664	0.599	0.641	0.061	9.577
Chloroethane	0.533	0.620	0.506	0.458	0.450	0.519	0.479	0.509	0.058	11.330
Trichlorofluoromethane	1.356	1.729	1.441	1.512	1.477	1.586	1.272	1.482	0.150	10.112
Acrolein(2-Propenal)		0.087		0.082	0.083	0.103	0.103	0.092	0.011	11.533
1,1-Dichloroethene	0.593	0.733	0.607	0.644	0.626	0.727	0.646	0.654	0.055	8.421
1,1,2-Trichloro-1,2,2-trifluoroe	1.517	1.914	1.545	1.625	1.607	1.873	1.670	1.679	0.156	9.273
Iodomethane	1.776	2.132	1.784	1.831	1.830	2.104	1.848	1.901	0.151	7.936
Acetone(2-Propanone)		0.196	0.170	0.161	0.149	0.169	0.154	0.167	0.017	9.931
Carbon Disulfide	2.241	2.634	2.205	2.361	2.346	2.713	2.433	2.419	0.191	7.890
Allyl Chloride (3-Chloro-1-Prope	0.331	0.438	0.383	0.389	0.388	0.457	0.423	0.401	0.042	10.418
Methylene Chloride		0.822	0.729	0.713	0.690	0.803	0.732	0.748	0.052	7.013
trans-1,2-Dichloroethene	0.657	0.811	0.666	0.724	0.710	0.835	0.763	0.738	0.068	9.273
Acrylonitrile(2-Propenenitrile)	0.189	0.215	0.173	0.188	0.187	0.221	0.200	0.196	0.017	8.586
MTBE(2-methoxy-2-methyl-propane)	2.440	2.194	2.082	1.961	1.873	2.143	1.916	2.087	0.196	9.393
1,1-Dichloroethane	1.714	1.928	1.626	1.706	1.700	1.969	1.827	1.781	0.129	7.246
Vinyl Acetate	1.987	2.381	1.882	2.046	2.041	2.412	2.242	2.142	0.205	9.553
2,2-Dichloropropane	1.361	1.421	1.195	1.275	1.252	1.476	1.358	1.334	0.099	7.397
cis-1,2-Dichloroethene	0.681	0.844	0.709	0.758	0.748	0.877	0.798	0.774	0.071	9.144
MEK(2-Butanone)	0.344	0.351	0.293	0.320	0.306	0.355	0.329	0.328	0.023	7.104
Bromochloromethane	0.467	0.590	0.498	0.522	0.511	0.595	0.541	0.532	0.047	8.852
Chloroform	1.401	1.637	1.386	1.484	1.469	1.704	1.552	1.519	0.119	7.814
1,1,1-Trichloroethane	1.218	1.382	1.143	1.233	1.219	1.418	1.293	1.273	0.098	7.714
Dibromofluoromethane	0.658	0.666	0.660	0.669	0.673	0.675	0.673	0.668	0.007	0.988
Carbon Tetrachloride	1.220	1.306	1.084	1.178	1.160	1.362	1.255	1.224	0.094	7.660
1,1-Dichloropropene		0.435	0.344	0.361	0.358	0.419	0.378	0.382	0.036	9.526
Benzene	2.386	2.623	2.197	2.340	2.298	2.663	2.412	2.417	0.170	7.018
1,2-Dichloroethane	0.977	1.156	0.959	1.012	0.996	1.167	1.066	1.048	0.085	8.101
1,4-Difluorobenzene	ISTD									######
Trichloroethene	0.732	0.882	0.743	0.787	0.763	0.881	0.774	0.795	0.062	7.817
1,2-Dichloropropane	0.914	1.003	0.839	0.880	0.852	1.000	0.893	0.911	0.066	7.234
Dibromomethane	0.509	0.651	0.539	0.571	0.555	0.648	0.564	0.577	0.053	9.271
Bromodichloromethane	1.026	1.309	1.132	1.190	1.165	1.355	1.205	1.197	0.110	9.146
2-Chloroethylvinylether	0.495	0.555	0.461	0.476	0.470	0.558	0.493	0.501	0.040	7.925
cis-1,3-Dichloropropene	1.017	1.254	1.050	1.124	1.089	1.278	1.128	1.134	0.098	8.668
Chlorobenzene-d5	ISTD									######
MIBK(4-Methyl-2-pentanone)	0.788	0.963	0.785	0.825	0.797	0.924	0.823	0.844	0.071	8.402
Toluene-d8	1.081	1.054	1.075	1.070	1.062	1.066	1.050	1.065	0.011	1.050
Toluene	1.318	1.539	1.308	1.359	1.331	1.543	1.384	1.3972	0.1013	7.250
trans-1,3-Dichloropropene	1.073	1.276	1.092	1.17	1.142	1.335	1.181	1.1814	0.0949	8.035
1,1,2-Trichloroethane	0.721	0.82	0.689	0.72	0.69	0.798	0.7	0.7341	0.0533	7.264
EDB (1,2-Dibromomethane)	1.04	1.216	1.033	1.086	1.04	1.216	1.059	1.0987	0.082	7.461
Tetrachloroethene	0.779	0.842	0.694	0.72	0.7	0.812	0.717	0.7519	0.0588	7.823
1,3-Dichloropropane	1.288	1.501	1.291	1.325	1.282	1.48	1.31	1.354	0.0946	6.991
2-Hexanone	0.539	0.623	0.501	0.549	0.528	0.607	0.539	0.5552	0.0438	7.881
Dibromochloromethane	1.076	1.383	1.203	1.283	1.261	1.466	1.295	1.281	0.1249	9.752
Chlorobenzene	1.777	2.073	1.743	1.82	1.786	2.063	1.825	1.8695	0.1384	7.403
1,1,1,2-Tetrachloroethane	0.909	1.101	0.939	0.978	0.958	1.111	0.981	0.9966	0.0783	7.861
Ethylbenzene	0.925	0.993	0.824	0.838	0.824	0.95	0.841	0.8849	0.0697	7.876
p-Xylene/m-Xylene	1.001	1.206	1.013	1.045	1.018	1.179	1.037	1.0713	0.0844	7.876

o-Xylene	0.986	1.179	0.991	1.032	1.016	1.169	1.039	1.059	0.0811	7.656
Styrene	1.737	2.028	1.716	1.8	1.764	2.031	1.775	1.8358	0.1349	7.351
Bromoform	0.62	0.787	0.682	0.731	0.721	0.846	0.738	0.7323	0.0721	9.840
Isopropylbenzene	2.655	3.136	2.637	2.673	2.632	3.051	2.643	2.7754	0.2192	7.896
1,4-Dichlorobenzene-d4	ISTD									######
4-Bromofluorobenzene	1.345	1.355	1.379	1.402	1.376	1.368	1.429	1.3791	0.0286	2.071
Bromobenzene	1.697	1.977	1.691	1.755	1.687	1.942	1.789	1.7912	0.1214	6.777
1,1,2,2-Tetrachloroethane	2.004	2.422	2.046	2.121	1.995	2.303	2.034	2.1322	0.1664	7.804
1,2,3-Trichloropropane	2.368	2.659	2.393	2.332	2.227	2.679	2.397	2.4363	0.169	6.938
trans-1,4-Dichloro-2-butene	0.595	0.739	0.672	0.716	0.679	0.803	0.729	0.7046	0.0648	9.203
n-Propylbenzene	6.739	7.792	6.561	6.655	6.425	7.452	6.713	6.9051	0.5101	7.387
2-Chlorotoluene	4.346	5.3	4.522	4.701	4.463	5.13	4.65	4.7302	0.3546	7.497
4-Chlorotoluene	4.916	5.389	4.564	4.723	4.507	5.193	4.698	4.8557	0.3291	6.777
1,3,5-Trimethylbenzene	4.063	4.893	4.179	4.2	4.085	4.696	4.222	4.334	0.325	7.498
tert-Butylbenzene	4.14	5.196	4.358	4.313	4.197	4.888	4.464	4.5078	0.39	8.651
1,2,4-Trimethylbenzene	4.271	4.925	4.191	4.298	4.096	4.765	4.264	4.4013	0.3139	7.131
sec-Butylbenzene	6.104	7.382	6.123	6.032	5.917	6.968	6.213	6.3911	0.5559	8.698
1,3-Dichlorobenzene	3.481	3.635	2.976	3.034	2.923	3.357	3.001	3.2009	0.2849	8.900
4-Isopropyltoluene	4.14	5.136	4.307	4.258	4.197	4.886	4.461	4.4837	0.381	8.498
1,4-Dichlorobenzene	3.481	3.635	2.976	3.034	2.923	3.357	3.001	3.2009	0.2849	8.900
1,2,3-Trimethylbenzene	4.543	5.125	4.397	4.402	4.238	4.84	4.309	4.5506	0.3205	7.043
Benzyl Chloride	2.592	3.124	2.677	2.853	2.742	3.237	2.909	2.8762	0.2351	8.176
1,2-Dichlorobenzene	2.982	3.267	2.753	2.762	2.646	3.035	2.689	2.8761	0.2256	7.844
n-Butylbenzene	4.882	5.816	4.683	4.516	4.483	5.311	4.623	4.9021	0.4921	10.039
DBCP(1,2-Dibromo-3-chloropropane	0.48	0.49	0.399	0.421	0.414	0.487	0.419	0.4443	0.0393	8.854
1,2,4-Trichlorobenzene	1.735	1.852	1.426	1.425	1.424	1.667	1.374	1.5575	0.1901	12.205
Hexachlorobutadiene	1.283	1.778	1.104	1.1	1.049	1.331	1.132	1.2539	0.2531	20.186
Napthalene	3.596	3.582	2.534	2.563	2.554	3.051	2.392	2.896	0.5158	17.810
1,2,3-Trichlorobenzene	1.357	1.385	0.992	1.02	1.013	1.175	0.903	1.1207	0.1891	16.873

Fri Apr 25 09:29:24 1997

Calibration Table Report
Method: 5-06-82.M
Title: SW846/8240/8260
Last Calibration: Thu May 08 08:47:43 1997

Calibration Files

Compound	10 C2319.D	20 C2321.D	50 C2323.D	80 C2324.D	100 C2325.D	150 C2326.D	200 C2327.D	Avg	Stdev	
Pentafluorobenzene	ISTD									
Dichlorodifluoromethane	2.182	2.079	1.930	1.861	1.937	1.875	1.839	1.958	0.127	6.468
Chloromethane	1.215	1.103	1.042	0.979	0.987	0.992	0.979	1.042	0.089	8.491
Vinyl Chloride	0.983	1.017	0.958	0.960	1.014	0.997	0.993	0.989	0.023	2.370
Bromomethane	0.778	0.722	0.658	0.624	0.624	0.609	0.570	0.655	0.072	10.918
Chloroethane		0.397	0.317	0.300	0.310	0.298	0.289	0.318	0.040	12.469
Trichlorofluoromethane	1.954	1.913	1.757	1.539	1.352			1.703	0.255	14.963
Acrolein(2-Propenal)	0.050	0.058	0.043	0.051	0.057		0.056	0.052	0.006	10.686
1,1-Dichloroethene	0.826	0.833	0.760	0.777	0.790	0.765	0.759	0.796	0.047	5.943
1,1,2-Trichloro-1,2,2-trifluoroe	1.958	1.927	1.794	1.742	1.814	1.762	1.697	1.813	0.096	5.292
Iodomethane	2.314	2.448	2.392	2.001	2.380	2.440	2.338	2.331	0.153	6.575
Acetone(2-Propanone)		0.176	0.261	0.244	0.223	0.210	0.191	0.218	0.032	14.622
Carbon Disulfide	2.679	2.570	2.414	2.323	2.356	2.364	2.251	2.422	0.150	6.192
Allyl Chloride (3-Chloro-1-Prope	0.464	0.489	0.457	0.455	0.488	0.515	0.493	0.480	0.022	4.591
Methylene Chloride	0.913	0.938	0.860	0.863	0.919	0.906	0.884	0.897	0.029	3.256
trans-1,2-Dichloroethene	0.984	0.965	0.930	0.944	0.976	0.981	0.977	0.965	0.021	2.144
Acrylonitrile(2-Propenenitrile)	0.217	0.229	0.214	0.226	0.231	0.227	0.222	0.224	0.006	2.868
MTBE(2-methoxy-2-methyl-propane)	2.419	2.497	2.239	2.173	2.232	2.173	2.142	2.268	0.136	6.007
1,1-Dichloroethane	1.853	1.880	1.785	1.793	1.911	1.878	1.837	1.848	0.047	2.519
Vinyl Acetate	0.510	0.353	0.134	0.292	0.447	0.703	0.296	0.391	0.183	46.833
2,2-Dichloropropane	0.900	0.936	0.907	0.678	0.933	0.955	0.952	0.894	0.098	10.925
cis-1,2-Dichloroethene	0.676	0.678	0.641	0.655	0.699	0.701	0.705	0.679	0.024	3.589
MEK(2-Butanone)			0.037	0.047	0.050	0.044	0.043	0.044	0.005	11.167
Bromochloromethane	0.433	0.454	0.439	0.445	0.467	0.468	0.459	0.452	0.014	3.064
Chloroform	1.183	1.218	1.151	1.160	1.248	1.222	1.207	1.198	0.035	2.936
1,1,1-Trichloroethane	1.196	1.155	1.060	1.041	1.102	1.100	1.090	1.106	0.053	4.829
Dibromofluoromethane	0.507	0.540	0.513	0.524	0.529	0.520	0.521	0.522	0.011	2.059
Carbon Tetrachloride	1.279	1.108	1.002	0.954	1.017	1.024	0.990	1.053	0.110	10.449
1,1-Dichloropropene	1.165	1.020	0.898	0.885	0.923	0.931	0.917	0.962	0.099	10.316
Benzene	2.021	1.956	1.814	1.814	1.917	1.902	1.897	1.903	0.074	3.888
1,2-Dichloroethane	0.672	0.722	0.687	0.701	0.735	0.725	0.708	0.707	0.022	3.152
1,4-Difluorobenzene	ISTD									######
Trichloroethene	0.906	0.860	0.802	0.963	0.880	0.779	0.745	0.848	0.077	9.059
1,2-Dichloropropane	0.738	0.735	0.702	0.664	0.708	0.700	0.685	0.705	0.026	3.744
Dibromomethane	0.594	0.592	0.559	0.549	0.559	0.545	0.511	0.558	0.029	5.159
Bromodichloromethane	1.123	1.105	1.068	1.022	1.078	1.056	1.025	1.068	0.038	3.541
2-Chloroethylvinylether	0.277	0.335	0.303	0.232		0.344	0.342	0.305	0.045	14.652
cis-1,3-Dichloropropene	0.976	0.975	0.954	0.797	0.927	0.945	0.935	0.930	0.062	6.616
Chlorobenzene-d5	ISTD									######
MIBK(4-Methyl-2-pentanone)	0.493	0.608	0.636	0.636	0.630	0.663	0.628	0.613	0.056	9.054
Toluene-d8	1.060	1.083	1.084	1.085	1.079	1.094	1.078	1.081	0.010	0.965
Toluene	1.602	1.539	1.492	1.472	1.511	1.53	1.455	1.5145	0.0487	3.215
trans-1,3-Dichloropropene	0.992	1.076	1.04	0.796	0.952	1.063	1.014	0.9904	0.0956	9.657
1,1,2-Trichloroethane	0.792	0.801	0.733	0.709	0.706	0.711	0.661	0.7305	0.0501	6.858
EDB(1,2-Dibromoethane)	1.139	1.202	1.127	1.021	1.067	1.084	0.989	1.09	0.0729	6.685
Tetrachloroethene	1.099	0.996	0.891	0.845	0.858	0.834	0.778	0.9003	0.1104	12.259
1,3-Dichloropropane	1.235	1.29	1.23	1.189	1.237	1.215	1.149	1.2206	0.0438	3.589
2-Hexanone	0.265	0.407	0.418	0.396	0.383	0.435	0.412	0.3882	0.0566	14.581
Dibromochloromethane	1.244	1.306	1.258	1.176	1.247	1.278	1.203	1.2445	0.0438	3.521
Chlorobenzene	1.923	1.911	1.814	1.809	1.867	1.826	1.732	1.8403	0.066	3.585
1,1,1,2-Tetrachloroethane	0.958	0.973	0.943	0.864	0.926	0.931	0.858	0.9218	0.0446	4.838
Ethylbenzene	0.968	0.942	0.867	0.823	0.889	0.838	0.779	0.8723	0.0667	7.644
p-Xylene/m-Xylene	1.154	1.215	1.115	1.038	1.162	1.049	0.986	1.1028	0.0812	7.364

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o-Xylene	1.188	1.194	1.109	1.081	1.165	1.09	1.038	1.1235	0.0595	5.297
Styrene	1.783	1.957	1.837	1.75	1.834	1.777	1.683	1.8029	0.0859	4.762
Bromoform	1.011	1.074	1.002	0.879	0.952	0.945	0.884	0.9639	0.0705	7.316
Isopropylbenzene	3.03	2.988	2.718	2.62	2.702	2.628	2.462	2.7355	0.2047	7.483
1,4-Dichlorobenzene-d4	ISTD									######
4-Bromofluorobenzene	1.21	1.193	1.205	1.228	1.235	1.309	1.291	1.2373	0.0462	3.733
Bromobenzene	1.73	1.67	1.576	1.559	1.645	1.632	1.561	1.6249	0.0636	3.911
1,1,2,2-Tetrachloroethane	1.755	1.709	1.569			1.495	1.398	1.5852	0.1482	9.348
1,2,3-Trichloropropane	1.625	1.695	1.596		1.269	1.568	1.476	1.538	0.15	9.754
trans-1,4-Dichlor-2-butene	0.282	0.336	0.363			0.386	0.366	0.3465	0.0403	11.626
n-Propylbenzene	5.659	5.233	4.824	4.686	4.95	4.768	4.491	4.9443	0.3899	7.885
2-Chlorotoluene	3.793	3.551	3.31	3.241	3.373	3.314	3.167	3.3925	0.2131	6.282
4-Chlorotoluene	3.983	3.819	3.578	3.49	3.658	3.491	3.363	3.6259	0.2136	5.892
1,3,5-Trimethylbenzene	3.953	3.568	3.335	3.216	3.41	3.309	3.123	3.4161	0.2755	8.066
tert-Butylbenzene	4.568	4.067	3.814	3.734	3.941	3.956	3.71	3.9701	0.2932	7.385
1,2,4-Trimethylbenzene	3.775	3.569	3.312	3.439	3.452	3.332	3.193	3.439	0.1906	5.542
sec-Butylbenzene	5.792	5.22	4.7	4.771	4.972	4.864	4.614	4.9905	0.4053	8.122
1,3-Dichlorobenzene	2.701	2.544	2.328	2.249	2.38	2.168	2.131	2.3572	0.2053	8.708
4-Isopropyltoluene	4.505	4.039	3.659	3.626	3.865	3.709	3.472	3.8393	0.3449	8.983
1,4-Dichlorobenzene	2.681	2.526	2.316	2.27	2.386	2.208	2.107	2.3563	0.1949	8.272
1,2,3-Trimethylbenzene	3.918	3.663	3.365	3.208	3.399	3.276	3.05	3.4114	0.2923	8.569
Benzyl Chloride	1.431	1.788	1.817			1.794	1.718	1.7098	0.16	9.357
1,2-Dichlorobenzene	2.473	2.407	2.17	2.124	2.241	2.061	2.014	2.2128	0.1725	7.797
n-Butylbenzene	4.055	3.775	3.38	3.378	3.654	3.412	3.28	3.5619	0.2788	7.826
DBCP(1,2-Dibromo-3-chloropropane)	0.379	0.378	0.381			0.369	0.353	0.3718	0.0116	3.110
1,2,4-Trichlorobenzene	2.112	2.035	1.886	1.924	2.074	1.788	1.8	1.9455	0.1307	6.717
Hexachlorobutadiene	1.638	1.163	1.089	1.191	1.435	1.263	1.233	1.2873	0.188	14.607
Naphthalene	2.93	3.158	2.975	2.753	2.587	2.631	2.693	2.8182	0.2084	7.396
1,2,3-Trichlorobenzene	1.972	1.827	1.687	1.761	1.871	1.538	1.58	1.7481	0.1567	8.965

Thu May 08 09:44:07 1997

Calibration Table Report
Method: 5-13826.M
Title: SW846/8240/8260
Last Calibration: Tue May 13 11:14:42 1997

Calibration Files

Compound	1	10	20	50	80	100	200	Avg	Stdev	
	00005.D	00006.D	00007.D	00008.D	00009.D	00010.D	00011.D			
Pentafluorobenzene	ISTD									
Dichlorodifluoromethane	1.538	1.514	1.583	1.474	1.505	1.479	1.576	1.525	0.045	2.922
Chloromethane	1.095	0.994	1.034	0.994	1.014	1.008	1.118	1.037	0.050	4.810
Vinyl Chloride	0.960	0.962	1.025	0.968	0.983	0.976	1.050	0.989	0.035	3.511
Bromomethane		0.730	0.720	0.639	0.645	0.657	0.695	0.681	0.039	5.792
Chloroethane	0.617	0.511	0.594	0.492	0.500	0.498	0.525	0.534	0.051	9.479
Trichlorofluoromethane	1.664	1.682	1.753	1.626	1.648	1.601	1.406	1.626	0.108	6.660
Acrolein(2-Propenal)			0.037	0.024	0.028	0.025	0.032	0.029	0.005	17.837
1,1-Dichloroethene	0.800	0.831	0.850	0.784	0.808	0.798	0.828	0.814	0.023	2.810
1,1,2-Trichloro-1,2,2-trifluoroe	1.779	1.766	1.839	1.695	1.739	1.719	1.815	1.765	0.052	2.925
Iodomethane	1.666	1.720	1.993	1.917	1.967	1.909	1.864	1.862	0.124	6.643
Acetone(2-Propanone)				0.128	0.138	0.121	0.145	0.133	0.010	7.846
Carbon Disulfide	2.678	2.485	2.645	2.475	2.558	2.529	2.623	2.570	0.080	3.105
Allyl Chloride (3-Chloro-1-Prope	0.427	0.439	0.437	0.431	0.431	0.435	0.449	0.435	0.007	1.671
Methylene Chloride		0.965	0.962	0.870	0.884	0.872	0.924	0.913	0.044	4.799
trans-1,2-Dichloroethene	0.931	0.899	0.939	0.895	0.917	0.912	0.977	0.924	0.028	3.041
Acrylonitrile(2-Propenenitrile)	0.205	0.206	0.228	0.208	0.218	0.219	0.241	0.218	0.013	5.992
MTBE(2-methoxy-2-methyl-propane)		2.291	2.308	2.058	2.103	2.092	2.173	2.171	0.107	4.912
1,1-Dichloroethane	2.367	2.152	2.239	2.099	2.143	2.111	2.252	2.195	0.096	4.383
Vinyl Acetate	2.297	2.235	2.318	2.041	2.035	2.002	1.940	2.124	0.155	7.285
2,2-Dichloropropane	1.666	1.504	1.560	1.469	1.477	1.489	1.608	1.539	0.075	4.871
cis-1,2-Dichloroethene	0.946	0.937	1.007	0.944	0.971	0.964	1.034	0.972	0.036	3.719
MEK(2-Butanone)	0.303		0.340	0.254	0.275	0.246	0.319	0.289	0.037	12.861
Bromochloromethane	0.649	0.681	0.712	0.666	0.679	0.668	0.692	0.678	0.020	2.966
Chloroform	1.965	1.863	1.948	1.830	1.862	1.841	1.957	1.895	0.059	3.113
1,1,1-Trichloroethane	1.684	1.554	1.625	1.528	1.564	1.551	1.642	1.593	0.058	3.631
Dibromofluoromethane	0.663	0.651	0.658	0.686	0.688	0.685	0.699	0.676	0.018	2.689
Carbon Tetrachloride	1.663	1.489	1.538	1.483	1.508	1.499	1.624	1.551	0.073	4.724
1,1-Dichloropropene	0.542	0.476	0.477	0.450	0.462	0.459	0.487	0.479	0.031	6.384
Benzene	3.199	3.074	3.059	2.849	2.926	2.907	3.134	3.021	0.129	4.278
1,2-Dichloroethane	1.343	1.288	1.344	1.261	1.281	1.258	1.345	1.303	0.040	3.050
1,4-Difluorobenzene	ISTD									######
Trichloroethene	1.176	1.071	1.051	0.946	0.978	0.971	0.985	1.025	0.080	7.806
1,2-Dichloropropane	1.198	1.153	1.155	1.055	1.069	1.065	1.071	1.109	0.058	5.194
Dibromomethane	0.716	0.751	0.774	0.687	0.709	0.703	0.701	0.720	0.031	4.268
Bromodichloromethane	1.500	1.524	1.583	1.437	1.465	1.465	1.471	1.492	0.049	3.282
2-Chloroethylvinylether	0.579	0.451	0.549	0.494	0.514	0.509	0.513	0.516	0.040	7.835
cis-1,3-Dichloropropene	1.341	1.385	1.464	1.320	1.359	1.355	1.377	1.372	0.046	3.355
Chlorobenzene-d5	ISTD									######
MIBK(4-Methyl-2-pentanone)	0.733	0.984	0.998	0.872	0.900	0.922	0.947	0.908	0.089	9.813
Toluene-d8	1.043	1.033	1.053	1.069	1.074	1.078	1.056	1.058	0.017	1.591
Toluene	1.811	1.817	1.804	1.635	1.676	1.681	1.702	1.7323	0.0761	4.394
trans-1,3-Dichloropropene	1.316	1.374	1.475	1.38	1.424	1.443	1.453	1.4094	0.0554	3.934
1,1,2-Trichloroethane	0.891	0.908	0.969	0.864	0.886	0.896	0.883	0.8995	0.0334	3.710
EDB (1,2-Dibromomethane)	1.378	1.361	1.476	1.318	1.361	1.368	1.349	1.373	0.049	3.571
Tetrachloroethene	0.981	0.926	0.97	0.857	0.874	0.869	0.897	0.9107	0.0499	5.476
1,3-Dichloropropane	1.706	1.651	1.759	1.592	1.626	1.639	1.635	1.6581	0.0559	3.373
2-Hexanone	0.758	0.898	0.656	0.62	0.626	0.62	0.751	0.7041	0.1042	14.802
Dibromochloromethane	1.558	1.59	1.709	1.601	1.633	1.651	1.643	1.6266	0.0489	3.006
Chlorobenzene	2.469	2.432	2.451	2.181	2.239	2.209	2.234	2.3165	0.1275	5.504
1,1,1,2-Tetrachloroethane	1.231	1.225	1.292	1.196	1.219	1.23	1.228	1.2316	0.0292	2.373
Ethylbenzene	1.147	1.067	1.135	0.998	1.016	1.011	1.021	1.0566	0.0618	5.851
p-Xylene/m-Xylene	1.417	1.342	1.394	1.216	1.249	1.232	1.266	1.3023	0.0813	6.246

o-Xylene	1.342	1.314	1.362	1.218	1.241	1.242	1.278	1.2854	0.0552	4.292
Styrene	2.228	2.233	2.337	2.084	2.152	2.113	2.21	2.194	0.0851	3.881
Bromoform	0.83	0.918	0.999	0.922	0.953	0.972	0.968	0.9374	0.0551	5.876
Isopropylbenzene	3.493	3.45	3.56	3.14	3.207	3.222	3.272	3.335	0.1633	4.897
1,4-Dichlorobenzene-d4	ISTD									######
4-Bromofluorobenzene	1.381	1.325	1.371	1.443	1.465	1.411	1.379	1.3921	0.0503	3.611
Bromobenzene	2.392	2.167	2.411	2.221	2.274	2.197	2.124	2.2551	0.1103	4.891
1,1,2,2-Tetrachloroethane	2.856	2.653	2.968	2.705	2.748	2.737	2.47	2.7339	0.1563	5.718
1,2,3-Trichloropropane	3.059	2.771	3.033	2.975	3.062	2.928	2.73	2.9535	0.1441	4.882
trans-1,4-Dichloro-2-butene	0.729	0.746	0.851	0.786	0.819	0.826	0.77	0.7895	0.0444	5.624
n-Propylbenzene	9.38	8.387	8.961	8.038	8.149	8.024	7.683	8.3747	0.5947	7.101
2-Chlorotoluene	6.618	5.95	6.275	5.644	5.734	5.525	5.417	5.8803	0.4328	7.360
4-Chlorotoluene	6.618	5.95	6.275	5.644	5.734	5.525	5.417	5.8803	0.4328	7.360
1,3,5-Trimethylbenzene	5.837	5.33	5.721	5.151	5.198	5.176	4.908	5.3315	0.332	6.228
tert-Butylbenzene	6.046	0.672	0.694	0.62	0.628	0.655	0.627	1.4203	2.04	######
1,2,4-Trimethylbenzene	5.862	5.443	5.687	5.169	5.206	5.126	4.95	5.3491	0.3287	6.144
sec-Butylbenzene	8.714	8.016	8.29	7.512	7.548	7.604	7.136	7.8313	0.5386	6.877
1,3-Dichlorobenzene	4.29	3.842	4.009	3.598	3.718	3.552	3.519	3.7998	0.2807	7.408
4-Isopropyltoluene	6.046	5.548	5.946	5.486	5.525	5.521	5.169	5.6058	0.2978	5.312
1,4-Dichlorobenzene	4.29	3.842	4.009	3.598	3.718	3.552	3.519	3.7898	0.2807	7.408
1,2,3-Trimethylbenzene	5.533	5.079	5.361	4.803	4.87	4.762	4.523	4.9901	0.3559	7.133
Benzyl Chloride	2.853	2.79	3.092	2.86	2.967	2.933	2.724	2.8885	0.1215	4.206
1,2-Dichlorobenzene	3.933	3.524	3.754	3.328	3.385	3.277	3.184	3.4836	0.2718	7.802
n-Butylbenzene	6.402	6.088	6.169	5.364	5.403	5.39	5.193	5.7155	0.4859	8.502
DBCP(1,2-Dibromo-3-chloropropane	0.569	0.518	0.604	0.55	0.576	0.588	0.541	0.5638	0.0294	5.210
1,2,4-Trichlorobenzene	1.941	1.925	1.906	1.616	1.702	1.678	1.704	1.7818	0.1366	7.669
Hexachlorobutadiene	1.694	1.561	1.463	1.321	1.39	1.482	1.309	1.4599	0.1368	9.369
Napthalene	3.486	3.347	3.612	2.999	3.324	3.355	3.276	3.3427	0.1896	5.673
1,2,3-Trichlorobenzene	1.441	1.346	1.362	1.169	1.255	1.252	1.219	1.2919	0.0944	7.311

Tue May 13 11:19:38 1997

Evaluate Continuing Calibration Report

Data File : c:\HPCHEM\1\DATA\D2156.D
Acq Time : 2 May 97 2:43 pm
Sample : 8 50 ug/L 8240 Con Cal
Misc : 25 ul 96-091-83-26 ->5mlH2O

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : c:\HPCHEM\1\METHODS\4-22B826.M
Title : SW846/8240/8260
Last Update : Tue Apr 29 15:05:31 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
1		Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2		Dichlorodifluoromethane	1.636	1.437	12.1	74	0.00
3		Chloromethane	1.141	1.012	11.2	103	0.00
4		Vinyl Chloride	1.013	0.966	4.6	107	0.00
5		Bromomethane	0.641	0.558	13.0	73	0.00
6		Chloroethane	0.509	0.461	9.4	106	0.00
7		Trichlorofluoromethane	1.482	1.577	-6.4	95	-0.02
8		Acrolein(2-Propenal)	0.092	0.095	-3.7	119	0.00
9	M	1,1-Dichloroethene	0.654	0.712	-9.0	114	-0.02
10		1,1,2-Trichloro-1,2,2-trifl	1.679	1.739	-3.6	116	-0.02
11		Iodomethane	1.901	1.806	5.0	101	-0.02
12		Acetone(2-Propanone)	0.167	0.177	-6.5	113	0.00
13		Carbon Disulfide	2.419	2.386	1.4	104	-0.01
14		Allyl Chloride (3-Chloro-1-	0.401	0.426	-6.1	113	-0.02
15		Methylene Chloride	0.748	0.824	-10.1	119	-0.02
16		trans-1,2-Dichloroethene	0.738	0.821	-11.2	116	0.00
17		Acrylonitrile(2-Propenenitr	0.196	0.217	-10.7	119	0.00
18		MTBE(2-methoxy-2-methyl-pro	2.087	2.171	-4.1	114	0.00
19		1,1-Dichloroethane	1.781	2.094	-17.5	126	0.00
20		Vinyl Acetate	2.142	2.475	-15.6	124	0.00
21		2,2-Dichloropropane	1.334	1.559	-16.8	126	-0.01
22		cis-1,2-Dichloroethene	0.774	0.903	-16.7	122	-0.01
23		MEK(2-Butanone)	0.328	0.351	-6.9	113	0.00
24		Bromochloromethane	0.532	0.629	-18.3	124	-0.01
25		Chloroform	1.519	1.803	-18.7	125	-0.01
26		1,1,1-Trichloroethane	1.273	1.515	-19.0	126	-0.01
27	S	Dibromofluoromethane	0.668	0.680	-1.8	104	0.00
28		Carbon Tetrachloride	1.224	1.396	-14.0	122	0.00
29		1,1-Dichloropropene	0.382	0.422	-10.2	120	0.00
30	M	Benzene	2.417	2.735	-13.2	120	0.00
31		1,2-Dichloroethane	1.048	1.253	-19.6	127	-0.01
32		1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
33	M	Trichloroethene	0.795	0.899	-13.1	119	0.00
34		1,2-Dichloropropane	0.911	1.072	-17.6	127	0.00
35		Dibromomethane	0.577	0.690	-19.6	126	0.00
36		Bromodichloromethane	1.197	1.441	-20.3#	126	0.00
37		2-Chloroethylvinylether	0.501	0.536	-7.0	85	0.00
38		cis-1,3-Dichloropropene	1.134	1.329	-17.2	123	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : c:\HPCHEM\1\DATA\D2156.D
Acq Time : 2 May 97 2:43 pm
Sample : 8 50 ug/L 8240 Con Cal
Misc : 25 ul 96-091-83-26 ->5mlH2O

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : c:\HPCHEM\1\METHODS\4-22B826.M
Title : SW846/8240/8260
Last Update : Tue Apr 29 15:05:31 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
40		MIBK(4-Methyl-2-pentanone)	0.844	0.952	-12.9	123	0.00
41	S	Toluene-d8	1.065	1.029	3.5	102	0.00
42	M	Toluene	1.397	1.571	-12.5	123	0.00
43		trans-1,3-Dichloropropene	1.181	1.350	-14.3	123	0.00
44		1,1,2-Trichloroethane	0.734	0.862	-17.4	127	0.00
45		EDB (1,2-Dibromomethane)	1.099	1.283	-16.8	126	0.00
46		Tetrachloroethene	0.752	0.818	-8.8	121	0.00
47		1,3-Dichloropropane	1.354	1.559	-15.1	125	0.00
48		2-Hexanone	0.555	0.610	-9.9	118	0.00
49		Dibromochloromethane	1.281	1.521	-18.7	126	0.00
50	M	Chlorobenzene	1.869	2.102	-12.5	123	0.00
51		1,1,1,2-Tetrachloroethane	0.997	1.127	-13.1	123	0.00
52		Ethylbenzene	0.885	0.991	-12.0	126	0.00
53		p-Xylene/m-Xylene	1.071	1.203	-12.3	122	0.00
54		o-Xylene	1.059	1.201	-13.4	124	-0.01
55		Styrene	1.836	2.046	-11.5	121	0.00
56		Bromoform	0.732	0.891	-21.6#	129	0.00
57		Isopropylbenzene	2.775	3.112	-12.1	124	0.00
58		1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
59	S	4-Bromofluorobenzene	1.379	1.396	-1.2	105	0.00
60		Bromobenzene	1.791	2.012	-12.3	121	-0.01
61		1,1,2,2-Tetrachloroethane	2.132	2.598	-21:8#	130	0.00
62		1,2,3-Trichloropropane	2.436	2.851	-17.0	129	0.00
63		trans-1,4-Dichloro-2-butene	0.705	0.799	-13.4	118	0.00
64		n-Propylbenzene	6.905	7.843	-13.6	125	0.00
65		2-Chlorotoluene	4.730	5.410	-14.4	122	0.23
66		4-Chlorotoluene	4.856	5.498	-13.2	123	0.00
67		1,3,5-Trimethylbenzene	4.334	4.890	-12.8	123	0.00
68		tert-Butylbenzene	4.508	0.582	87.1#	14#	0.11
69		1,2,4-Trimethylbenzene	4.401	4.910	-11.6	121	0.00
70		sec-Butylbenzene	6.391	7.316	-14.5	128	0.00
71		1,3-Dichlorobenzene	3.201	3.494	-9.2	122	0.00
72		4-Isopropyltoluene	4.484	5.138	-14.6	128	0.00
73		1,4-Dichlorobenzene	3.201	3.494	-9.2	122	0.00
74		1,2,3-Trimethylbenzene	4.551	4.655	-2.3	112	0.00
75		Benzyl Chloride	2.876	3.204	-11.4	119	0.00
76		1,2-Dichlorobenzene	2.876	3.145	-9.4	120	0.00
77		n-Butylbenzene	4.902	5.486	-11.9	128	0.00
78		DBCP(1,2-Dibromo-3-chloropr	0.444	0.521	-17.3	131	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : c:\HPCHEM\1\DATA\D2156.D
Acq Time : 2 May 97 2:43 pm
Sample : 8 50 ug/L 8240 Con Cal
Misc : 25 ul 96-091-83-26 ->5mlH2O

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : c:\HPCHEM\1\METHODS\4-22B826.M
Title : SW846/8240/8260
Last Update : Tue Apr 29 15:05:31 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
79	1,2,4-Trichlorobenzene	1.558	1.702	-9.3	126	0.00
80	Hexachlorobutadiene	1.254	1.335	-6.5	128	0.00
81	Napthalene	2.896	3.123	-7.8	129	0.00
82	1,2,3-Trichlorobenzene	1.121	1.262	-12.6	131	0.00

Evaluate Continuing Calibration Report

Data File : d:\HPCHEM\1\DATA\C2378.D
Acq Time : 12 May 97 11:13 am
Sample : 2 50 ug/l 8240 Con Cal
Misc : 25 ul 96-091-85-18-> 5 ml h2o

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : d:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Wed May 07 16:17:38 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
1		Pentafluorobenzene	1.000	1.000	0.0	109	-0.03
2		Dichlorodifluoromethane	1.958	1.752	10.5	99	0.00
3		Chloromethane	1.042	0.912	12.5	95	-0.02
4		Vinyl Chloride	0.989	0.895	9.4	102	0.00
5		Bromomethane	0.655	0.638	2.6	106	-0.02
6		Chloroethane	0.318	0.334	-5.0	115	0.00
7		Trichlorofluoromethane	1.703	1.665	2.2	103	0.00
8		Acrolein(2-Propenal)	0.052	0.114	-117.3#	289#	-0.02
9	M	1,1-Dichloroethene	0.796	0.753	5.4	108	0.00
10		1,1,2-Trichloro-1,2,2-trifl	1.813	1.775	2.1	108	-0.02
11		Iodomethane	2.331	2.253	3.3	103	0.00
12		Acetone(2-Propanone)	0.218	0.359	-65.0#	150	-0.03
13		Carbon Disulfide	2.422	2.082	14.0	94	0.00
14		Allyl Chloride (3-Chloro-1-	0.480	0.468	2.5	112	-0.02
15		Methylene Chloride	0.897	0.902	-0.5	114	-0.02
16		trans-1,2-Dichloroethene	0.965	0.928	3.8	109	0.00
17		Acrylonitrile(2-Propenenitr	0.224	0.245	-9.3	124	-0.01
18		MTBE(2-methoxy-2-methyl-pro	2.268	2.355	-3.9	115	-0.02
19		1,1-Dichloroethane	1.848	1.970	-6.6	120	-0.03
20		Vinyl Acetate	0.391	1.201	-207.4#	976#	-0.03
21		2,2-Dichloropropane	0.894	0.959	-7.3	115	-0.02
22		cis-1,2-Dichloroethene	0.679	0.698	-2.7	119	-0.03
23		MEK(2-Butanone)	0.044	0.049	-10.7	146	-0.03
24		Bromochloromethane	0.452	0.460	-1.7	114	-0.03
25		Chloroform	1.198	1.253	-4.6	119	-0.03
26		1,1,1-Trichloroethane	1.106	1.223	-10.5	126	-0.03
27	S	Dibromofluoromethane	0.522	0.567	-8.7	121	-0.02
28		Carbon Tetrachloride	1.053	1.053	0.1	115	-0.03
29		1,1-Dichloropropene	0.962	0.947	1.6	115	-0.02
30	M	Benzene	1.903	1.929	-1.4	116	-0.02
31		1,2-Dichloroethane	0.707	0.754	-6.7	120	0.00
32		1,4-Difluorobenzene	1.000	1.000	0.0	115	-0.02
33	M	Trichloroethene	0.848	0.792	6.6	114	-0.02
34		1,2-Dichloropropane	0.705	0.750	-6.5	123	-0.02
35		Dibromomethane	0.558	0.581	-4.0	120	-0.01
36		Bromodichloromethane	1.068	1.120	-4.8	121	-0.01
37		2-Chloroethylvinylether	0.305	0.338	-10.7	129	-0.02
38		cis-1,3-Dichloropropene	0.930	1.002	-7.7	121	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : d:\HPCHEM\1\DATA\C2378.D
Acq Time : 12 May 97 11:13 am
Sample : 2 50 ug/l 8240 Con Cal
Misc : 25 ul 96-091-85-18-> 5 ml h2o

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : d:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Wed May 07 16:17:38 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
40		MIBK(4-Methyl-2-pentanone)	0.613	0.727	-18.6	137	-0.02
41	S	Toluene-d8	1.081	1.032	4.5	114	-0.01
42	M	Toluene	1.514	1.501	0.9	121	-0.02
43		trans-1,3-Dichloropropene	0.990	1.032	-4.2	119	-0.02
44		1,1,2-Trichloroethane	0.731	0.759	-3.9	124	-0.02
45		EDB(1,2-Dibromoethane)	1.090	1.131	-3.8	120	-0.02
46		Tetrachloroethene	0.900	0.926	-2.9	125	-0.02
47		1,3-Dichloropropane	1.221	1.261	-3.3	123	-0.02
48		2-Hexanone	0.388	0.556	-43.3#	160	0.00
49		Dibromochloromethane	1.245	1.256	-0.9	120	-0.01
50	M	Chlorobenzene	1.840	1.813	1.5	120	0.00
51		1,1,1,2-Tetrachloroethane	0.922	0.959	-4.0	122	-0.02
52		Ethylbenzene	0.872	0.912	-4.6	126	-0.03
53		p-Xylene/m-Xylene	1.103	1.120	-1.6	121	-0.03
54		o-Xylene	1.123	1.163	-3.6	126	-0.03
55		Styrene	1.803	1.833	-1.6	120	0.00
56		Bromoform	0.964	0.998	-3.6	120	-0.02
57		Isopropylbenzene	2.735	2.810	-2.7	124	-0.01
58		1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	-0.01
59	S	4-Bromofluorobenzene	1.237	1.273	-2.9	124	0.00
60		Bromobenzene	1.625	1.568	3.5	117	-0.01
61		1,1,2,2-Tetrachloroethane	1.601	1.625	-1.5	122	-0.02
62		1,2,3-Trichloropropane	1.570	1.582	-0.8	116	0.00
63		trans-1,4-Dichlor-2-butene	0.362	0.324	10.4	105	0.04
64		n-Propylbenzene	4.944	4.962	-0.4	121	-0.02
65		2-Chlorotoluene	3.392	3.448	-1.6	122	-0.02
66		4-Chlorotoluene	3.626	3.730	-2.9	122	-0.03
67		1,3,5-Trimethylbenzene	3.416	3.495	-2.3	123	-0.02
68		tert-Butylbenzene	3.970	4.062	-2.3	125	0.00
69		1,2,4-Trimethylbenzene	3.439	3.521	-2.4	125	-0.01
70		sec-Butylbenzene	4.991	5.061	-1.4	126	-0.02
71		1,3-Dichlorobenzene	2.357	2.467	-4.6	124	-0.01
72		4-Isopropyltoluene	3.839	4.016	-4.6	129	-0.02
73		1,4-Dichlorobenzene	2.356	2.406	-2.1	122	-0.01
74		1,2,3-Trimethylbenzene	3.411	3.497	-2.5	122	0.00
75		Benzyl Chloride	1.710	1.788	-4.6	116	0.13
76		1,2-Dichlorobenzene	2.213	2.297	-3.8	124	-0.02
77		n-Butylbenzene	3.562	3.742	-5.1	130	-0.02
78		DBCP(1,2-Dibromo-3-chloropr	0.372	0.362	2.7	112	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : d:\HPCHEM\1\DATA\C2378.D
Acq Time : 12 May 97 11:13 am
Sample : 2 50 ug/l 8240 Con Cal
Misc : 25 ul 96-091-85-18-> 5 ml h2o

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : d:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Wed May 07 16:17:38 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
79	1,2,4-Trichlorobenzene	1.946	2.017	-3.7	126	0.00
80	Hexachlorobutadiene	1.287	1.384	-7.5	149	0.00
81	Napthalene	2.818	3.015	-7.0	119	0.00
82	1,2,3-Trichlorobenzene	1.748	1.790	-2.4	125	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : d:\HPCHEM\1\DATA\C2400.D
Acq Time : 13 May 97 10:58 am
Sample : 2 50 ug/l 8240 Con Cal
Misc : 25 ul 96-091-85-18-> 5 ml h2o

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : d:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Tue May 13 08:54:40 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
1		Pentafluorobenzene	1.000	1.000	0.0	106	-0.03
2		Dichlorodifluoromethane	1.958	1.788	8.6	98	-0.01
3		Chloromethane	1.042	0.870	16.5	89	-0.02
4		Vinyl Chloride	0.989	0.875	11.5	97	-0.02
5		Bromomethane	0.655	0.608	7.2	98	-0.02
6		Chloroethane	0.318	0.317	0.5	106	0.00
7		Trichlorofluoromethane	1.703	1.663	2.3	100	-0.02
8		Acrolein(2-Propenal)	0.052	0.109	-108.5#	270#	-0.03
9	M	1,1-Dichloroethene	0.796	0.752	5.5	105	0.00
10		1,1,2-Trichloro-1,2,2-trifl	1.813	1.779	1.9	105	-0.01
11		Iodomethane	2.331	2.189	6.1	97	-0.02
12		Acetone(2-Propanone)	0.218	0.346	-59.1#	141	-0.05
13		Carbon Disulfide	2.422	1.977	18.4	87	0.00
14		Allyl Chloride (3-Chloro-1-	0.480	0.465	3.1	108	-0.02
15		Methylene Chloride	0.897	0.874	2.6	108	-0.03
16		trans-1,2-Dichloroethene	0.965	0.934	3.2	106	-0.03
17		Acrylonitrile(2-Propenenitr	0.224	0.241	-7.6	119	-0.03
18		MTBE(2-methoxy-2-methyl-pro	2.268	2.335	-3.0	111	-0.03
19		1,1-Dichloroethane	1.848	1.961	-6.1	116	-0.02
20		Vinyl Acetate	0.391	1.210	-209.7#	956#	-0.04
21		2,2-Dichloropropane	0.894	0.978	-9.4	114	-0.02
22		cis-1,2-Dichloroethene	0.679	0.711	-4.7	118	-0.04
23		MEK(2-Butanone)	0.044	0.052	-18.4	151	-0.02
24		Bromochloromethane	0.452	0.462	-2.0	111	-0.05
25		Chloroform	1.198	1.275	-6.4	117	-0.03
26		1,1,1-Trichloroethane	1.106	1.257	-13.6	126	-0.04
27	S	Dibromofluoromethane	0.522	0.563	-7.8	116	-0.02
28		Carbon Tetrachloride	1.053	1.096	-4.0	116	-0.04
29		1,1-Dichloropropene	0.962	0.944	1.9	112	-0.03
30	M	Benzene	1.903	1.936	-1.7	113	-0.02
31		1,2-Dichloroethane	0.707	0.756	-7.0	117	-0.01
32		1,4-Difluorobenzene	1.000	1.000	0.0	110	-0.02
33	M	Trichloroethene	0.848	0.811	4.4	112	-0.02
34		1,2-Dichloropropane	0.705	0.768	-9.0	121	-0.03
35		Dibromomethane	0.558	0.595	-6.5	117	-0.02
36		Bromodichloromethane	1.068	1.148	-7.5	119	-0.02
37		2-Chloroethylvinylether	0.305	0.331	-8.2	120	-0.02
38		cis-1,3-Dichloropropene	0.930	1.022	-9.9	118	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : d:\HPCHEM\1\DATA\C2400.D
Acq Time : 13 May 97 10:58 am
Sample : 2 50 ug/l 8240 Con Cal
Misc : 25 ul 96-091-85-18-> 5 ml h2o

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : d:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Tue May 13 08:54:40 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
40		MIBK(4-Methyl-2-pentanone)	0.613	0.719	-17.3	130	-0.02
41	S	Toluene-d8	1.081	1.015	6.0	108	-0.03
42	M	Toluene	1.514	1.522	-0.5	117	-0.01
43		trans-1,3-Dichloropropene	0.990	1.061	-7.1	117	-0.03
44		1,1,2-Trichloroethane	0.731	0.779	-6.6	122	-0.02
45		EDB(1,2-Dibromoethane)	1.090	1.148	-5.3	117	-0.02
46		Tetrachloroethene	0.900	0.956	-6.2	123	-0.01
47		1,3-Dichloropropane	1.221	1.293	-5.9	121	-0.03
48		2-Hexanone	0.388	0.568	-46.4#	156	-0.01
49		Dibromochloromethane	1.245	1.288	-3.5	118	-0.02
50	M	Chlorobenzene	1.840	1.866	-1.4	118	-0.02
51		1,1,1,2-Tetrachloroethane	0.922	1.009	-9.4	123	-0.02
52		Ethylbenzene	0.872	0.953	-9.2	126	-0.02
53		p-Xylene/m-Xylene	1.103	1.138	-3.2	117	-0.02
54		o-Xylene	1.123	1.153	-2.6	119	-0.02
55		Styrene	1.803	1.873	-3.9	117	-0.02
56		Bromoform	0.964	1.062	-10.2	122	-0.03
57		Isopropylbenzene	2.735	2.866	-4.8	121	-0.02
58		1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
59	S	4-Bromofluorobenzene	1.237	1.251	-1.1	117	-0.02
60		Bromobenzene	1.625	1.610	0.9	115	-0.03
61		1,1,2,2-Tetrachloroethane	1.601	1.630	-1.8	117	-0.03
62		1,2,3-Trichloropropane	1.570	1.572	-0.2	111	-0.02
63		trans-1,4-Dichlor-2-butene	0.362	0.321	11.3	99	0.04
64		n-Propylbenzene	4.944	5.058	-2.3	118	-0.02
65		2-Chlorotoluene	3.392	3.490	-2.9	119	-0.02
66		4-Chlorotoluene	3.626	3.726	-2.8	117	-0.03
67		1,3,5-Trimethylbenzene	3.416	3.528	-3.3	119	-0.02
68		tert-Butylbenzene	3.970	4.126	-3.9	122	-0.01
69		1,2,4-Trimethylbenzene	3.439	3.548	-3.2	121	-0.01
70		sec-Butylbenzene	4.991	5.198	-4.2	124	-0.02
71		1,3-Dichlorobenzene	2.357	2.467	-4.7	119	-0.02
72		4-Isopropyltoluene	3.839	4.010	-4.4	123	-0.01
73		1,4-Dichlorobenzene	2.356	2.485	-5.5	121	0.00
74		1,2,3-Trimethylbenzene	3.411	3.558	-4.3	119	-0.02
75		Benzyl Chloride	1.710	1.785	-4.4	111	0.13
76		1,2-Dichlorobenzene	2.213	2.334	-5.5	121	-0.03
77		n-Butylbenzene	3.562	3.788	-6.3	126	0.00
78		DBCP(1,2-Dibromo-3-chloropr	0.372	0.369	0.8	109	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : d:\HPCHEM\1\DATA\C2400.D
Acq Time : 13 May 97 10:58 am
Sample : 2 50 ug/l 8240 Con Cal
Misc : 25 ul 96-091-85-18-> 5 ml h2o

Operator: CPW
Inst : GC/MSD-C
Multiplr: 1.00

Method : d:\HPCHEM\1\METHODS\5-06-82.M
Title : SW846/8240/8260
Last Update : Tue May 13 08:54:40 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
9	1,2,4-Trichlorobenzene	1.946	2.046	-5.2	122	-0.01
0	Hexachlorobutadiene	1.287	1.395	-8.4	144	0.00
81	Napthalene	2.818	3.017	-7.1	114	-0.01
2	1,2,3-Trichlorobenzene	1.748	1.787	-2.2	119	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : c:\HPCHEM\1\DATA\D2233.D
Acq Time : 13 May 97 11:54 am
Sample : 10 50 ug/l 8260 Con Cal
Misc : 25 ul 96-091-89-17 ->5mlH2O

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : c:\HPCHEM\1\METHODS\5-13826.M
Title : SW846/8240/8260
Last Update : Tue May 13 11:14:42 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
1		Pentafluorobenzene	1.000	1.000	0.0	105	0.01
2		Dichlorodifluoromethane	1.525	1.551	-1.7	110	0.00
3		Chloromethane	1.037	1.177	-13.5	124	0.00
4		Vinyl Chloride	0.989	1.044	-5.5	113	0.00
5		Bromomethane	0.681	0.630	7.5	103	0.00
6		Chloroethane	0.534	0.525	1.6	112	0.00
7		Trichlorofluoromethane	1.626	1.697	-4.4	109	-0.01
8		Acrolein(2-Propenal)	0.029	0.039	-34.4#	173#	0.00
9	M	1,1-Dichloroethene	0.814	0.832	-2.1	111	0.00
10		1,1,2-Trichloro-1,2,2-trifl	1.765	1.807	-2.4	112	0.00
11		Iodomethane	1.862	1.798	3.4	98	0.00
12		Acetone(2-Propanone)	0.133	0.142	-6.3	116	0.02
13		Carbon Disulfide	2.570	2.732	-6.3	116	0.00
14		Allyl Chloride (3-Chloro-1-	0.435	0.468	-7.5	114	0.02
15		Methylene Chloride	0.913	0.938	-2.7	113	0.02
16		trans-1,2-Dichloroethene	0.924	0.962	-4.1	113	0.00
17		Acrylonitrile(2-Propenenitr	0.218	0.236	-8.3	119	0.01
18		MTBE(2-methoxy-2-methyl-pro	2.171	2.294	-5.7	117	0.02
19		1,1-Dichloroethane	2.195	2.312	-5.4	115	0.00
20		Vinyl Acetate	2.124	2.698	-27.0#	139	0.01
21		2,2-Dichloropropane	1.539	1.706	-10.9	122	0.02
22		cis-1,2-Dichloroethene	0.972	1.017	-4.7	113	0.02
23		MEK(2-Butanone)	0.289	0.339	-17.0	140	0.02
24		Bromochloromethane	0.678	0.698	-3.0	110	0.02
25		Chloroform	1.895	1.976	-4.3	113	0.01
26		1,1,1-Trichloroethane	1.593	1.622	-1.8	111	0.02
27	S	Dibromofluoromethane	0.676	0.654	3.2	100	0.01
28		Carbon Tetrachloride	1.551	1.543	0.5	109	0.01
29		1,1-Dichloropropene	0.479	0.475	0.8	111	0.02
30	M	Benzene	3.021	3.096	-2.5	114	0.01
31		1,2-Dichloroethane	1.303	1.337	-2.7	111	0.01
32		1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
33	M	Trichloroethene	1.025	1.013	1.2	109	0.01
34		1,2-Dichloropropane	1.109	1.189	-7.1	114	0.01
35		Dibromomethane	0.720	0.770	-6.9	114	0.02
36		Bromodichloromethane	1.492	1.597	-7.0	113	0.02
37		2-Chloroethylvinylether	0.516	0.567	-10.0	116	0.00
38		cis-1,3-Dichloropropene	1.372	1.490	-8.6	114	0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : c:\HPCHEM\1\DATA\D2233.D
Acq Time : 13 May 97 11:54 am
Sample : 10 50 ug/l 8260 Con Cal
Misc : 25 ul 96-091-89-17 ->5mlH2O

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : c:\HPCHEM\1\METHODS\5-13826.M
Title : SW846/8240/8260
Last Update : Tue May 13 11:14:42 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
40		MIBK(4-Methyl-2-pentanone)	0.908	1.105	-21.7#	131	0.00
41	S	Toluene-d8	1.058	1.057	0.1	102	0.02
42	M	Toluene	1.732	1.814	-4.7	114	0.00
43		trans-1,3-Dichloropropene	1.409	1.542	-9.4	115	0.00
44		1,1,2-Trichloroethane	0.899	0.955	-6.2	114	0.01
45		EDB (1,2-Dibromomethane)	1.373	1.436	-4.6	112	0.01
46		Tetrachloroethene	0.911	0.956	-5.0	115	0.02
47		1,3-Dichloropropane	1.658	1.765	-6.4	114	0.01
48		2-Hexanone	0.704	1.001	-42.1#	166#	0.02
49		Dibromochloromethane	1.627	1.713	-5.3	110	0.01
50	M	Chlorobenzene	2.317	2.407	-3.9	114	0.01
51		1,1,1,2-Tetrachloroethane	1.232	1.268	-3.0	109	0.01
52		Ethylbenzene	1.057	1.116	-5.6	115	0.00
53		p-Xylene/m-Xylene	1.302	1.366	-4.9	116	0.01
54		o-Xylene	1.285	1.371	-6.7	116	0.02
55		Styrene	2.194	2.353	-7.2	116	0.02
56		Bromoform	0.937	1.004	-7.1	112	0.02
57		Isopropylbenzene	3.335	3.560	-6.7	117	0.02
58		1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
59	S	4-Bromofluorobenzene	1.392	1.359	2.4	106	0.02
60		Bromobenzene	2.255	2.273	-0.8	115	0.02
61		1,1,2,2-Tetrachloroethane	2.734	2.838	-3.8	118	0.00
62		1,2,3-Trichloropropane	2.952	3.139	-6.3	119	0.01
63		trans-1,4-Dichloro-2-butene	0.790	0.852	-8.0	122	0.04
64		n-Propylbenzene	8.375	8.759	-4.6	122	0.01
65		2-Chlorotoluene	5.880	6.149	-4.6	122	0.02
66		4-Chlorotoluene	5.880	6.149	-4.6	122	0.02
67		1,3,5-Trimethylbenzene	5.332	5.497	-3.1	120	0.01
68		tert-Butylbenzene	1.420	0.680	52.1#	123	0.11
69		1,2,4-Trimethylbenzene	5.349	5.570	-4.1	121	0.01
70		sec-Butylbenzene	7.831	8.069	-3.0	121	0.02
71		1,3-Dichlorobenzene	3.790	3.939	-3.9	123	0.02
72		4-Isopropyltoluene	5.606	5.647	-0.7	116	0.01
73		1,4-Dichlorobenzene	3.790	3.939	-3.9	123	0.02
74		1,2,3-Trimethylbenzene	4.990	5.139	-3.0	120	0.00
75		Benzyl Chloride	2.888	3.530	-22.2#	139	0.01
76		1,2-Dichlorobenzene	3.484	3.600	-3.3	122	0.01
77		n-Butylbenzene	5.716	6.137	-7.4	128	0.01
78		DBCP(1,2-Dibromo-3-chloropr	0.564	0.567	-0.6	116	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : c:\HPCHEM\1\DATA\D2233.D
Acq Time : 13 May 97 11:54 am
Sample : 10 50 ug/l 8260 Con Cal
Misc : 25 ul 96-091-89-17 ->5mlH2O

Operator: CPW
Inst : EnviroQ
Multiplr: 1.00

Method : c:\HPCHEM\1\METHODS\5-13826.M
Title : SW846/8240/8260
Last Update : Tue May 13 11:14:42 1997
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRRF	CCRRF	%Dev	Area%	Dev(Min)
79	1,2,4-Trichlorobenzene	1.782	2.020	-13.4	140	0.01
80	Hexachlorobutadiene	1.460	1.475	-1.1	125	0.01
81	Napthalene	3.343	3.628	-8.5	136	0.01
82	1,2,3-Trichlorobenzene	1.292	1.519	-17.6	146	0.02

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: GOLDER

Lab File ID [Standard]: D2156 Date Analyzed: 05/02/97

Instrument ID:MS D Time Analyzed: 1443

		IS1[PFB] AREA	#	RT	#	IS2[DFB] AREA	#	RT	#		
	12 HOUR STD	640050		8.90		833185		10.25			
	UPPER LIMIT	1280100		9.40		1666370		10.75			
	LOWER LIMIT	320025		8.40		416593		9.75			
	FLI SAMPLE NO.										
1	Water Blank D2157	625558		8.89		783680		10.23			
2	49510	528093		8.90		676971		10.25			
3	49492	601925		8.88		782012		10.22			
4	49493	637044		8.88		819936		10.22			
5	49508	601625		8.88		762913		10.23			
6	49486	595236		8.88		745280		10.22			
7	49499	646487		8.87		816073		10.21			
8	49482	582057		8.87		732119		10.22			
9	49498	580857		8.87		728793		10.22			
10	49501 (1:5)	670060		8.88		854239		10.22			
11	49507 (1:5)	673272		8.87		872578		10.22			
12	49478	620673		8.89		778809		10.21			
13	QC Check D2171	651291		8.89		827924		10.22			
14											
15											
16											
17											
18											
19											
20											
21											
22											

IS1 [PFB] = Pentafluorobenzene
IS2 [DFB] = 1,4-Difluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = – 50% of internal standard area
RT UPPER LIMIT = +.50 minutes of internal standard RT
RT LOWER LIMIT = –.50 minutes of internal standard RT

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

FORM 8240-1

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: SAS No.: SDG No.: GOLDER

Lab File ID [Standard]: D2156 Date Analyzed: 05/02/97

Instrument ID:MS D Time Analyzed: 1443

		IS3[CBZ] AREA	#	RT	#	IS4[DCB] AREA	#	RT	#		
	12 HOUR STD	686894		15.95		365721		20.58			
	UPPER LIMIT	1373788		16.45		731442		21.08			
	LOWER LIMIT	343447		15.45		182861		20.08			
	EPA SAMPLE NO.										
1	Water Blank D2157	655831		15.94		351132		20.57			
2	49510	579347		15.94		316632		20.58			
3	49492	663684		15.94		367158		20.57			
4	49493	698638		15.93		388759		20.57			
5	49508	638673		15.93		357944		20.57			
6	49486	631719		15.92		349690		20.56			
7	49499	676931		15.93		377756		20.56			
8	49482	612678		15.93		347926		20.56			
9	49498	616492		15.92		342435		20.57			
10	49501 (1:5)	699783		15.93		369993		20.56			
11	49507 (1:5)	716449		15.93		375160		20.56			
12	49478	653114		15.92		371768		20.56			
13	QC Check D2171	673000		15.93		338194		20.57			
14											
15											
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20											
21											
22											

IS3 [CBZ] = Chlorobenzene-d5
IS4 [DCB] = 1.4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = – 50% of internal standard area
RT UPPER LIMIT = +.50 minutes of internal standard RT
RT LOWER LIMIT = –.50 minutes of internal standard RT

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

FORM 8240-2

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: GOLDER

Lab File ID [Standard]: C2378 Date Analyzed: 05/12/97

Instrument ID:MS C Time Analyzed: 1113

		IS1[PFB] AREA	#	RT	#	IS2[DFB] AREA	#	RT	#		
	12 HOUR STD	1667778		9.10		1781104		10.77			
	UPPER LIMIT	3335556		9.60		3562208		11.27			
	LOWER LIMIT	833889		8.60		890552		10.27			
	FLI SAMPLE NO.										
1	Water Blank C2379	1554507		9.11		1595756		10.77			
2	49476 (1:100)	1650705		9.10		1715043		10.77			
3	49487 (1:100)	1573705		9.10		1627909		10.77			
4	49489 (1:100)	1548991		9.11		1574587		10.77			
5	49490 (1:50)	1526145		9.10		1544219		10.77			
6	49477 (1:100)	1477544		9.11		1500994		10.77			
7	49494 (1:25)	1553530		9.10		1577334		10.76			
8	49502 (1:25)	1527675		9.10		1550045		10.76			
9	QC Check C2392	1524291		9.11		1524532		10.76			
10	49503 MS (1:25)	1610748		9.10		1633001		10.76			
11	49504 MSD (1:25)	1574219		9.09		1587208		10.77			
12	49483 (1:5)	1491155		9.10		1513761		10.76			
13											
14											
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17											
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19											
20											
21											
22											

IS1 [PFB] = Pentafluorobenzene
IS2 [DFB] = 1,4-Difluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = – 50% of internal standard area
RT UPPER LIMIT = +.50 minutes of internal standard RT
RT LOWER LIMIT = –.50 minutes of internal standard RT

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

FORM 8240-1

8A-2

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: SAS No.: SDG No.: GOLDER

Lab File ID [Standard]: C2378 Date Analyzed: 05/12/97

Instrument ID:MS C Time Analyzed: 1113

		IS3[CBZ] AREA	#	RT	#	IS4[DCB] AREA	#	RT	#		
	12 HOUR STD	1437611		16.00		938344		19.52			
	UPPER LIMIT	2875222		16.50		1876688		20.02			
	LOWER LIMIT	718806		15.50		469172		19.02			
	EPA SAMPLE NO.										
1	Water Blank C2379	1376054		15.99		933558		19.52			
2	49476 (1:100)	1460047		15.99		1022416		19.52			
3	49487 (1:100)	1383522		16.00		983832		19.53			
4	49489 (1:100)	1337388		16.00		914438		19.52			
5	49490 (1:50)	1333908		15.99		937246		19.53			
6	49477 (1:100)	1285181		15.99		929955		19.52			
7	49494 (1:25)	1269830		16.01		866363		19.53			
8	49502 (1:25)	1275106		15.98		898169		19.53			
9	QC Check C2392	1253740		15.99		914152		19.52			
10	49503 MS (1:25)	1357947		15.99		972232		19.52			
11	49504 MSD (1:25)	1308768		15.98		940114		19.52			
12	49483 (1:5)	1323871		15.99		909396		19.51			
13											
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18											
19											
20											
21											
22											

IS3 [CBZ] = Chlorobenzene-d5
IS4 [DCB] = 1.4-Dichlorobenzene-d4

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

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

FORM 8240-2

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: GOLDER

Lab File ID [Standard]: C2400 Date Analyzed: 05/13/97

Instrument ID:MS C Time Analyzed: 1058

		IS1[PFB] AREA	#	RT	#	IS2[DFB] AREA	#	RT	#		
	12 HOUR STD	1621411		9.10		1705471		10.77			
	UPPER LIMIT	3242822		9.60		3410942		11.27			
	LOWER LIMIT	810706		8.60		852736		10.27			
	FLI SAMPLE NO.										
1	Water Blank C2401	1561835		9.10		1556496		10.76			
2	49488 (1:25)	1570664		9.10		1575119		10.75			
3	49491 (1:50)	1560247		9.11		1545756		10.76			
4	49505 (1:50)	1533930		9.11		1546363		10.77			
5	49502 (1:50)	1527789		9.10		1555643		10.76			
6	49498 (1:5)	1511573		9.10		1562520		10.76			
7	49508 (1:5)	1510279		9.09		1551997		10.76			
8	QC Check C2412	1599422		9.10		1588523		10.76			
9	49505 MS (1:50)	1057345		9.09		1367955		10.77			
10	49505 MSD (1:50)	1031266		9.10		1339238		10.76			
11											
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19											
20											
21											
22											

IS1 [PFB] = Pentafluorobenzene
IS2 [DFB] = 1,4-Difluorobenzene

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

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

FORM 8240-1

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: SAS No.: SDG No.: GOLDER

Lab File ID [Standard]: C2400 Date Analyzed: 05/13/97

Instrument ID:MS C Time Analyzed: 1058

		IS3[CBZ] AREA	#	RT	#	IS4[DCB] AREA	#	RT	#		
	12 HOUR STD	1374535		15.99		899668		19.52			
	UPPER LIMIT	2749070		16.49		1799336		20.02			
	LOWER LIMIT	687268		15.49		449834		19.02			
	EPA SAMPLE NO.										
1	Water Blank C2401	1335684		15.99		939294		19.53			
2	49488 (1:25)	1361420		15.99		964509		19.53			
3	49491 (1:50)	1346524		15.99		953316		19.53			
4	49505 (1:50)	1327384		16.00		944441		19.53			
5	49502 (1:50)	1322640		15.99		942604		19.53			
6	49498 (1:5)	1347401		15.98		933107		19.52			
7	49508 (1:5)	1344500		15.99		956496		19.51			
8	QC Check C2412	1319204		15.98		924269		19.52			
9	49505 MS (1:50)	763398		15.98		181753	*	19.53			
10	49505 MSD (1:50)	742456		15.99		149343	*	19.52			
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20											
21											
22											

IS3 [CBZ] = Chlorobenzene-d5
IS4 [DCB] = 1.4-Dichlorobenzene-d4

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

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

FORM 8240-2

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: _____ SAS No.: _____ SDG No.: GOLDER

Lab File ID [Standard]: D2233 Date Analyzed: 05/13/97

Instrument ID:MS D Time Analyzed: 1154

		IS1[PFB] AREA	#	RT	#	IS2[DFB] AREA	#	RT	#		
	12 HOUR STD	706048		8.90		908554		10.25			
	UPPER LIMIT	1412096		9.40		1817108		10.75			
	LOWER LIMIT	353024		8.40		454277		9.75			
	FLI SAMPLE NO.										
1	Water Blank D2234	682910		8.90		860033		10.23			
2	49485	615361		8.89		816311		10.23			
3	49495	636845		8.89		808241		10.24			
4	49496	699626		8.89		878748		10.24			
5	49497	658275		8.90		828094		10.24			
6	49500	665692		8.90		840079		10.25			
7	49509	621115		8.90		777630		10.25			
8	49479	643866		8.90		821597		10.24			
9	49480 MS	727880		8.90		925182		10.24			
10	49481 MSD	710456		8.90		902894		10.24			
11	49484	728985		8.90		931691		10.25			
12	49506	612547		8.90		795571		10.24			
13	QC Check D2248	341887	*	8.89		498921		10.25			
14											
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18											
19											
20											
21											
22											

IS1 [PFB] = Pentafluorobenzene
IS2 [DFB] = 1,4-Difluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = – 50% of internal standard area
RT UPPER LIMIT = +.50 minutes of internal standard RT
RT LOWER LIMIT = –.50 minutes of internal standard RT

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

FORM 8240-1

GC/MS 8240 VOLATILE STANDARD AREA AND RT SUMMARY

Lab Name: Friend Laboratory Inc. Contract:

Lab Code: NY033 Case No.: SAS No.: SDG No.: GOLDER

Lab File ID [Standard]: D2233 Date Analyzed: 05/13/97

Instrument ID:MS D Time Analyzed: 1154

		IS3[CBZ] AREA	#	RT	#	IS4[DCB] AREA	#	RT	#		
	12 HOUR STD	738782		15.95		401165		20.59			
	UPPER LIMIT	1477564		16.45		802330		21.09			
	LOWER LIMIT	369391		15.45		200583		20.09			
	EPA SAMPLE NO.										
1	Water Blank D2234	703315		15.95		389112		20.58			
2	49485	676622		15.95		380178		20.59			
3	49495	657189		15.95		372191		20.59			
4	49496	719282		15.94		402368		20.59			
5	49497	682664		15.95		383004		20.58			
6	49500	696550		15.95		390636		20.59			
7	49509	641411		15.95		364473		20.58			
8	49479	681387		15.94		371972		20.59			
9	49480 MS	765382		15.95		434800		20.58			
10	49481 MSD	738116		15.96		399131		20.59			
11	49484	758867		15.95		403513		20.59			
12	49506	636103		15.96		338314		20.59			
13	QC Check D2248	309365	*	15.95		69526	*	20.59			
14											
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17											
18											
19											
20											
21											
22											

IS3 [CBZ] = Chlorobenzene-d5
IS4 [DCB] = 1.4-Dichlorobenzene-d4

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

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

FORM 8240-2

APPENDIX D

COPY OF THE LABORATORY ANALYTICAL DATA FILE IN COMMA DELIMITED ASCII FORMAT

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL
49476,BAT87201,4/29/97,CHLOROMETHANE,500 U,500
49476,BAT87201,4/29/97,VINYL CHLORIDE,500 U,500
49476,BAT87201,4/29/97,CHLOROETHANE,500 U,500
49476,BAT87201,4/29/97,BROMOMETHANE,500 U,500
49476,BAT87201,4/29/97,1 1-DICHLOROETHENE,500 U,500
49476,BAT87201,4/29/97,ACETONE,2500 U,2500
49476,BAT87201,4/29/97,CARBON DISULFIDE,500 U,500
49476,BAT87201,4/29/97,METHYLENE CHLORIDE,500 U,500
49476,BAT87201,4/29/97,TRANS-1 2-DICHLOROETHENE,500 U,500
49476,BAT87201,4/29/97,1 1-DICHLOROETHANE,500 U,500
49476,BAT87201,4/29/97,CIS-1 2-DICHLOROETHENE,14000,500
49476,BAT87201,4/29/97,METHYL ETHYL KETONE,2500 U,2500
49476,BAT87201,4/29/97,CHLOROFORM,500 U,500
49476,BAT87201,4/29/97,1 1 1-TRICHLOROETHANE,500 U,500
49476,BAT87201,4/29/97,CARBON TETRACHLORIDE,500 U,500
49476,BAT87201,4/29/97,BENZENE,500 U,500
49476,BAT87201,4/29/97,1 2-DICHLOROETHANE,500 U,500
49476,BAT87201,4/29/97,TRICHLOROETHENE,4000,500
49476,BAT87201,4/29/97,1 2-DICHLOROPROPANE,500 U,500
49476,BAT87201,4/29/97,BROMODICHLOROMETHANE,500 U,500
49476,BAT87201,4/29/97,CIS-1 3-DICHLOROPROPENE,500 U,500
49476,BAT87201,4/29/97,MIBK,1000 U,1000
49476,BAT87201,4/29/97,TOLUENE,500 U,500
49476,BAT87201,4/29/97,TRANS-1 3-DICHLOROPROPENE,500 U,500
49476,BAT87201,4/29/97,1 1 2-TRICHLOROETHANE,500 U,500
49476,BAT87201,4/29/97,TETRACHLOROETHENE,500 U,500
49476,BAT87201,4/29/97,2-HEXANONE,1000 U,1000
49476,BAT87201,4/29/97,DIBROMOCHLOROMETHANE,500 U,500
49476,BAT87201,4/29/97,CHLOROBENZENE,500 U,500
49476,BAT87201,4/29/97,ETHYLBENZENE,500 U,500
49476,BAT87201,4/29/97,P-XYLENE/M-XYLENE,500 U,500
49476,BAT87201,4/29/97,O-XYLENE,500 U,500
49476,BAT87201,4/29/97,STYRENE,500 U,500
49476,BAT87201,4/29/97,BROMOFORM,500 U,500
49476,BAT87201,4/29/97,1 1 2 2-TETRACHLOROETHANE,500 U,500
49478,BAT89041,4/29/97,CHLOROMETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,VINYL CHLORIDE,2,0.5
49478,BAT89041,4/29/97,CHLOROETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,BROMOMETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,1 1-DICHLOROETHENE,4,0.5
49478,BAT89041,4/29/97,ACETONE,10 U,10

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49478,BAT89041,4/29/97,CARBON DISULFIDE,86,0.5
49478,BAT89041,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49478,BAT89041,4/29/97,TRANS-1 2-DICHLOROETHENE,2,0.5
49478,BAT89041,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,CIS-1 2-DICHLOROETHENE,23,0.5
49478,BAT89041,4/29/97,METHYL ETHYL KETONE,10 U,10
49478,BAT89041,4/29/97,CHLOROFORM,0.5 U,0.5
49478,BAT89041,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49478,BAT89041,4/29/97,BENZENE,0.5 U,0.5
49478,BAT89041,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,TRICHLOROETHENE,6,0.5
49478,BAT89041,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49478,BAT89041,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49478,BAT89041,4/29/97,MIBK,10 U,10
49478,BAT89041,4/29/97,TOLUENE,0.5 U,0.5
49478,BAT89041,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49478,BAT89041,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49478,BAT89041,4/29/97,2-HEXANONE,10 U,10
49478,BAT89041,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49478,BAT89041,4/29/97,CHLOROBENZENE,0.5 U,0.5
49478,BAT89041,4/29/97,ETHYLBENZENE,0.5 U,0.5
49478,BAT89041,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49478,BAT89041,4/29/97,O-XYLENE,0.5 U,0.5
49478,BAT89041,4/29/97,STYRENE,0.5 U,0.5
49478,BAT89041,4/29/97,BROMOFORM,0.5 U,0.5
49478,BAT89041,4/29/97,1 1 2 2-TETRACHLOROETHANE,1 U,1
49479,BATEW6,4/29/97,CHLOROMETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,VINYL CHLORIDE,10,0.5
49479,BATEW6,4/29/97,CHLOROETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,BROMOMETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49479,BATEW6,4/29/97,ACETONE,10 U,10
49479,BATEW6,4/29/97,CARBON DISULFIDE,0.7,0.5
49479,BATEW6,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49479,BATEW6,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49479,BATEW6,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,CIS-1 2-DICHLOROETHENE,35,0.5
49479,BATEW6,4/29/97,METHYL ETHYL KETONE,10 U,10
49479,BATEW6,4/29/97,CHLOROFORM,0.5 U,0.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49479,BATEW6,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49479,BATEW6,4/29/97,BENZENE,0.5 U,0.5
49479,BATEW6,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,TRICHLOROETHENE,0.7,0.5
49479,BATEW6,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49479,BATEW6,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49479,BATEW6,4/29/97,MIBK,10 U,10
49479,BATEW6,4/29/97,TOLUENE,0.5 U,0.5
49479,BATEW6,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49479,BATEW6,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49479,BATEW6,4/29/97,2-HEXANONE,10 U,10
49479,BATEW6,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49479,BATEW6,4/29/97,CHLOROBENZENE,0.5 U,0.5
49479,BATEW6,4/29/97,ETHYLBENZENE,0.5 U,0.5
49479,BATEW6,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49479,BATEW6,4/29/97,O-XYLENE,0.5 U,0.5
49479,BATEW6,4/29/97,STYRENE,0.5 U,0.5
49479,BATEW6,4/29/97,BROMOFORM,0.5 U,0.5
49479,BATEW6,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,CHLOROMETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49482,BAT93031,4/29/97,CHLOROETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,BROMOMETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49482,BAT93031,4/29/97,ACETONE,10 U,10
49482,BAT93031,4/29/97,CARBON DISULFIDE,1,0.5
49482,BAT93031,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49482,BAT93031,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49482,BAT93031,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49482,BAT93031,4/29/97,METHYL ETHYL KETONE,10 U,10
49482,BAT93031,4/29/97,CHLOROFORM,0.5 U,0.5
49482,BAT93031,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49482,BAT93031,4/29/97,BENZENE,0.5 U,0.5
49482,BAT93031,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,TRICHLOROETHENE,0.5 U,0.5
49482,BAT93031,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49482,BAT93031,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49482,BAT93031,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49482,BAT93031,4/29/97,MIBK,10 U,10
49482,BAT93031,4/29/97,TOLUENE,0.5 U,0.5
49482,BAT93031,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49482,BAT93031,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49482,BAT93031,4/29/97,2-HEXANONE,10 U,10
49482,BAT93031,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49482,BAT93031,4/29/97,CHLOROBENZENE,0.5 U,0.5
49482,BAT93031,4/29/97,ETHYLBENZENE,0.5 U,0.5
49482,BAT93031,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49482,BAT93031,4/29/97,O-XYLENE,0.5 U,0.5
49482,BAT93031,4/29/97,STYRENE,0.5 U,0.5
49482,BAT93031,4/29/97,BROMOFORM,0.5 U,0.5
49482,BAT93031,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49483,BAT89051A,4/29/97,CHLOROMETHANE,25 U,25
49483,BAT89051A,4/29/97,VINYL CHLORIDE,36,25
49483,BAT89051A,4/29/97,CHLOROETHANE,25 U,25
49483,BAT89051A,4/29/97,BROMOMETHANE,25 U,25
49483,BAT89051A,4/29/97,1 1-DICHLOROETHENE,25 U,25
49483,BAT89051A,4/29/97,ACETONE,120 U,120
49483,BAT89051A,4/29/97,CARBON DISULFIDE,25 U,25
49483,BAT89051A,4/29/97,METHYLENE CHLORIDE,25 U,25
49483,BAT89051A,4/29/97,TRANS-1 2-DICHLOROETHENE,25 U,25
49483,BAT89051A,4/29/97,1 1-DICHLOROETHANE,25 U,25
49483,BAT89051A,4/29/97,CIS-1 2-DICHLOROETHENE,300,25
49483,BAT89051A,4/29/97,METHYL ETHYL KETONE,120 U,120
49483,BAT89051A,4/29/97,CHLOROFORM,25 U,25
49483,BAT89051A,4/29/97,1 1 1-TRICHLOROETHANE,25 U,25
49483,BAT89051A,4/29/97,CARBON TETRACHLORIDE,25 U,25
49483,BAT89051A,4/29/97,BENZENE,25 U,25
49483,BAT89051A,4/29/97,1 2-DICHLOROETHANE,25 U,25
49483,BAT89051A,4/29/97,TRICHLOROETHENE,25 U,25
49483,BAT89051A,4/29/97,1 2-DICHLOROPROPANE,25 U,25
49483,BAT89051A,4/29/97,BROMODICHLOROMETHANE,25 U,25
49483,BAT89051A,4/29/97,CIS-1 3-DICHLOROPROPENE,25 U,25
49483,BAT89051A,4/29/97,MIBK,50 U,50
49483,BAT89051A,4/29/97,TOLUENE,25 U,25
49483,BAT89051A,4/29/97,TRANS-1 3-DICHLOROPROPENE,25 U,25
49483,BAT89051A,4/29/97,1 1 2-TRICHLOROETHANE,25 U,25
49483,BAT89051A,4/29/97,TETRACHLOROETHENE,25 U,25
49483,BAT89051A,4/29/97,2-HEXANONE,50 U,50

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49483,BAT89051A,4/29/97,DIBROMOCHLOROMETHANE,25 U,25
49483,BAT89051A,4/29/97,CHLOROBENZENE,25 U,25
49483,BAT89051A,4/29/97,ETHYLBENZENE,25 U,25
49483,BAT89051A,4/29/97,P-XYLENE/M-XYLENE,25 U,25
49483,BAT89051A,4/29/97,O-XYLENE,25 U,25
49483,BAT89051A,4/29/97,STYRENE,25 U,25
49483,BAT89051A,4/29/97,BROMOFORM,25 U,25
49483,BAT89051A,4/29/97,1 1 2 2-TETRACHLOROETHANE,25 U,25
49484,BAT87211,4/29/97,CHLOROMETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,VINYL CHLORIDE,4,2.5
49484,BAT87211,4/29/97,CHLOROETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,BROMOMETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,1 1-DICHLOROETHENE,2.5 U,2.5
49484,BAT87211,4/29/97,ACETONE,50 U,50
49484,BAT87211,4/29/97,CARBON DISULFIDE,2.5 U,2.5
49484,BAT87211,4/29/97,METHYLENE CHLORIDE,2.5 U,2.5
49484,BAT87211,4/29/97,TRANS-1 2-DICHLOROETHENE,2.5 U,2.5
49484,BAT87211,4/29/97,1 1-DICHLOROETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,CIS-1 2-DICHLOROETHENE,160,2.5
49484,BAT87211,4/29/97,METHYL ETHYL KETONE,50 U,50
49484,BAT87211,4/29/97,CHLOROFORM,2.5 U,2.5
49484,BAT87211,4/29/97,1 1 1-TRICHLOROETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,CARBON TETRACHLORIDE,2.5 U,2.5
49484,BAT87211,4/29/97,BENZENE,2.5 U,2.5
49484,BAT87211,4/29/97,1 2-DICHLOROETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,TRICHLOROETHENE,15,2.5
49484,BAT87211,4/29/97,1 2-DICHLOROPROPANE,2.5 U,2.5
49484,BAT87211,4/29/97,BROMODICHLOROMETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,CIS-1 3-DICHLOROPROPENE,2.5 U,2.5
49484,BAT87211,4/29/97,MIBK,50 U,50
49484,BAT87211,4/29/97,TOLUENE,2.5 U,2.5
49484,BAT87211,4/29/97,TRANS-1 3-DICHLOROPROPENE,2.5 U,2.5
49484,BAT87211,4/29/97,1 1 2-TRICHLOROETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,TETRACHLOROETHENE,2.5 U,2.5
49484,BAT87211,4/29/97,2-HEXANONE,50 U,50
49484,BAT87211,4/29/97,DIBROMOCHLOROMETHANE,2.5 U,2.5
49484,BAT87211,4/29/97,CHLOROBENZENE,2.5 U,2.5
49484,BAT87211,4/29/97,ETHYLBENZENE,2.5 U,2.5
49484,BAT87211,4/29/97,P-XYLENE/M-XYLENE,2.5 U,2.5
49484,BAT87211,4/29/97,O-XYLENE,2.5 U,2.5
49484,BAT87211,4/29/97,STYRENE,2.5 U,2.5
49484,BAT87211,4/29/97,BROMOFORM,2.5 U,2.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49484,BAT87211,4/29/97,1 1 2 2-TETRACHLOROETHANE,2.5 U,2.5
49485,BAT87191,4/29/97,CHLOROMETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,VINYL CHLORIDE,0.6,0.5
49485,BAT87191,4/29/97,CHLOROETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,BROMOMETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49485,BAT87191,4/29/97,ACETONE,10 U,10
49485,BAT87191,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49485,BAT87191,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49485,BAT87191,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49485,BAT87191,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,CIS-1 2-DICHLOROETHENE,6,0.5
49485,BAT87191,4/29/97,METHYL ETHYL KETONE,10 U,10
49485,BAT87191,4/29/97,CHLOROFORM,0.5 U,0.5
49485,BAT87191,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49485,BAT87191,4/29/97,BENZENE,0.5 U,0.5
49485,BAT87191,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,TRICHLOROETHENE,2,0.5
49485,BAT87191,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49485,BAT87191,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49485,BAT87191,4/29/97,MIBK,10 U,10
49485,BAT87191,4/29/97,TOLUENE,0.5 U,0.5
49485,BAT87191,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49485,BAT87191,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49485,BAT87191,4/29/97,2-HEXANONE,10 U,10
49485,BAT87191,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49485,BAT87191,4/29/97,CHLOROBENZENE,0.5 U,0.5
49485,BAT87191,4/29/97,ETHYLBENZENE,0.5 U,0.5
49485,BAT87191,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49485,BAT87191,4/29/97,O-XYLENE,0.5 U,0.5
49485,BAT87191,4/29/97,STYRENE,0.5 U,0.5
49485,BAT87191,4/29/97,BROMOFORM,0.5 U,0.5
49485,BAT87191,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,CHLOROMETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49486,BAT89023,4/29/97,CHLOROETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,BROMOMETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49486,BAT89023,4/29/97,ACETONE,10 U,10

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49486,BAT89023,4/29/97,CARBON DISULFIDE,1,0.5
49486,BAT89023,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49486,BAT89023,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49486,BAT89023,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49486,BAT89023,4/29/97,METHYL ETHYL KETONE,10 U,10
49486,BAT89023,4/29/97,CHLOROFORM,0.5 U,0.5
49486,BAT89023,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49486,BAT89023,4/29/97,BENZENE,0.5 U,0.5
49486,BAT89023,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,TRICHLOROETHENE,0.8,0.5
49486,BAT89023,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49486,BAT89023,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49486,BAT89023,4/29/97,MIBK,10 U,10
49486,BAT89023,4/29/97,TOLUENE,0.5 U,0.5
49486,BAT89023,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49486,BAT89023,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49486,BAT89023,4/29/97,2-HEXANONE,10 U,10
49486,BAT89023,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49486,BAT89023,4/29/97,CHLOROBENZENE,0.5 U,0.5
49486,BAT89023,4/29/97,ETHYLBENZENE,0.5 U,0.5
49486,BAT89023,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49486,BAT89023,4/29/97,O-XYLENE,0.5 U,0.5
49486,BAT89023,4/29/97,STYRENE,0.5 U,0.5
49486,BAT89023,4/29/97,BROMOFORM,0.5 U,0.5
49486,BAT89023,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49487,BAT89021,4/29/97,CHLOROMETHANE,500 U,500
49487,BAT89021,4/29/97,VINYL CHLORIDE,500 U,500
49487,BAT89021,4/29/97,CHLOROETHANE,500 U,500
49487,BAT89021,4/29/97,BROMOMETHANE,500 U,500
49487,BAT89021,4/29/97,1 1-DICHLOROETHENE,500 U,500
49487,BAT89021,4/29/97,ACETONE,2500 U,2500
49487,BAT89021,4/29/97,CARBON DISULFIDE,500 U,500
49487,BAT89021,4/29/97,METHYLENE CHLORIDE,500 U,500
49487,BAT89021,4/29/97,TRANS-1 2-DICHLOROETHENE,500 U,500
49487,BAT89021,4/29/97,1 1-DICHLOROETHANE,500 U,500
49487,BAT89021,4/29/97,CIS-1 2-DICHLOROETHENE,11000,500
49487,BAT89021,4/29/97,METHYL ETHYL KETONE,2500 U,2500
49487,BAT89021,4/29/97,CHLOROFORM,500 U,500

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49487,BAT89021,4/29/97,1 1 1-TRICHLOROETHANE,500 U,500
49487,BAT89021,4/29/97,CARBON TETRACHLORIDE,500 U,500
49487,BAT89021,4/29/97,BENZENE,500 U,500
49487,BAT89021,4/29/97,1 2-DICHLOROETHANE,500 U,500
49487,BAT89021,4/29/97,TRICHLOROETHENE,7000,500
49487,BAT89021,4/29/97,1 2-DICHLOROPROPANE,500 U,500
49487,BAT89021,4/29/97,BROMODICHLOROMETHANE,500 U,500
49487,BAT89021,4/29/97,CIS-1 3-DICHLOROPROPENE,500 U,500
49487,BAT89021,4/29/97,MIBK,1000 U,1000
49487,BAT89021,4/29/97,TOLUENE,500 U,500
49487,BAT89021,4/29/97,TRANS-1 3-DICHLOROPROPENE,500 U,500
49487,BAT89021,4/29/97,1 1 2-TRICHLOROETHANE,500 U,500
49487,BAT89021,4/29/97,TETRACHLOROETHENE,500 U,500
49487,BAT89021,4/29/97,2-HEXANONE,1000 U,1000
49487,BAT89021,4/29/97,DIBROMOCHLOROMETHANE,500 U,500
49487,BAT89021,4/29/97,CHLOROBENZENE,500 U,500
49487,BAT89021,4/29/97,ETHYLBENZENE,500 U,500
49487,BAT89021,4/29/97,P-XYLENE/M-XYLENE,500 U,500
49487,BAT89021,4/29/97,O-XYLENE,500 U,500
49487,BAT89021,4/29/97,STYRENE,500 U,500
49487,BAT89021,4/29/97,BROMOFORM,500 U,500
49487,BAT89021,4/29/97,1 1 2 2-TETRACHLOROETHANE,500 U,500
49488,BATEW8,4/29/97,CHLOROMETHANE,120 U,120
49488,BATEW8,4/29/97,VINYL CHLORIDE,190,120
49488,BATEW8,4/29/97,CHLOROETHANE,120 U,120
49488,BATEW8,4/29/97,BROMOMETHANE,120 U,120
49488,BATEW8,4/29/97,1 1-DICHLOROETHENE,120 U,120
49488,BATEW8,4/29/97,ACETONE,620 U,620
49488,BATEW8,4/29/97,CARBON DISULFIDE,120 U,120
49488,BATEW8,4/29/97,METHYLENE CHLORIDE,120 U,120
49488,BATEW8,4/29/97,TRANS-1 2-DICHLOROETHENE,120 U,120
49488,BATEW8,4/29/97,1 1-DICHLOROETHANE,120 U,120
49488,BATEW8,4/29/97,CIS-1 2-DICHLOROETHENE,2900,120
49488,BATEW8,4/29/97,METHYL ETHYL KETONE,620 U,620
49488,BATEW8,4/29/97,CHLOROFORM,120 U,120
49488,BATEW8,4/29/97,1 1 1-TRICHLOROETHANE,130 B,120
49488,BATEW8,4/29/97,CARBON TETRACHLORIDE,120 U,120
49488,BATEW8,4/29/97,BENZENE,120 U,120
49488,BATEW8,4/29/97,1 2-DICHLOROETHANE,120 U,120
49488,BATEW8,4/29/97,TRICHLOROETHENE,1300,120
49488,BATEW8,4/29/97,1 2-DICHLOROPROPANE,120 U,120
49488,BATEW8,4/29/97,BROMODICHLOROMETHANE,120 U,120

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49488,BATEW8,4/29/97,CIS-1 3-DICHLOROPROPENE,120 U,120
49488,BATEW8,4/29/97,MIBK,250 U,250
49488,BATEW8,4/29/97,TOLUENE,120 U,120
49488,BATEW8,4/29/97,TRANS-1 3-DICHLOROPROPENE,120 U,120
49488,BATEW8,4/29/97,1 1 2-TRICHLOROETHANE,120 U,120
49488,BATEW8,4/29/97,TETRACHLOROETHENE,120 U,120
49488,BATEW8,4/29/97,2-HEXANONE,250 U,250
49488,BATEW8,4/29/97,DIBROMOCHLOROMETHANE,120 U,120
49488,BATEW8,4/29/97,CHLOROBENZENE,120 U,120
49488,BATEW8,4/29/97,ETHYLBENZENE,320 B,120
49488,BATEW8,4/29/97,P-XYLENE/M-XYLENE,990,120
49488,BATEW8,4/29/97,O-XYLENE,220,120
49488,BATEW8,4/29/97,STYRENE,120 U,120
49488,BATEW8,4/29/97,BROMOFORM,120 U,120
49488,BATEW8,4/29/97,1 1 2 2-TETRACHLOROETHANE,120 U,120
49489,BAT87121,4/29/97,CHLOROMETHANE,500 U,500
49489,BAT87121,4/29/97,VINYL CHLORIDE,500 U,500
49489,BAT87121,4/29/97,CHLOROETHANE,500 U,500
49489,BAT87121,4/29/97,BROMOMETHANE,500 U,500
49489,BAT87121,4/29/97,1 1-DICHLOROETHENE,500 U,500
49489,BAT87121,4/29/97,ACETONE,2500 U,2500
49489,BAT87121,4/29/97,CARBON DISULFIDE,500 U,500
49489,BAT87121,4/29/97,METHYLENE CHLORIDE,500 U,500
49489,BAT87121,4/29/97,TRANS-1 2-DICHLOROETHENE,500 U,500
49489,BAT87121,4/29/97,1 1-DICHLOROETHANE,500 U,500
49489,BAT87121,4/29/97,CIS-1 2-DICHLOROETHENE,7500,500
49489,BAT87121,4/29/97,METHYL ETHYL KETONE,2500 U,2500
49489,BAT87121,4/29/97,CHLOROFORM,500 U,500
49489,BAT87121,4/29/97,1 1 1-TRICHLOROETHANE,500 U,500
49489,BAT87121,4/29/97,CARBON TETRACHLORIDE,500 U,500
49489,BAT87121,4/29/97,BENZENE,500 U,500
49489,BAT87121,4/29/97,1 2-DICHLOROETHANE,500 U,500
49489,BAT87121,4/29/97,TRICHLOROETHENE,6100,500
49489,BAT87121,4/29/97,1 2-DICHLOROPROPANE,500 U,500
49489,BAT87121,4/29/97,BROMODICHLOROMETHANE,500 U,500
49489,BAT87121,4/29/97,CIS-1 3-DICHLOROPROPENE,500 U,500
49489,BAT87121,4/29/97,MIBK,1000 U,1000
49489,BAT87121,4/29/97,TOLUENE,500 U,500
49489,BAT87121,4/29/97,TRANS-1 3-DICHLOROPROPENE,500 U,500
49489,BAT87121,4/29/97,1 1 2-TRICHLOROETHANE,500 U,500
49489,BAT87121,4/29/97,TETRACHLOROETHENE,500 U,500
49489,BAT87121,4/29/97,2-HEXANONE,1000 U,1000

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49489,BAT87121,4/29/97,DIBROMOCHLOROMETHANE,500 U,500
49489,BAT87121,4/29/97,CHLOROBENZENE,500 U,500
49489,BAT87121,4/29/97,ETHYLBENZENE,500 U,500
49489,BAT87121,4/29/97,P-XYLENE/M-XYLENE,500 U,500
49489,BAT87121,4/29/97,O-XYLENE,500 U,500
49489,BAT87121,4/29/97,STYRENE,500 U,500
49489,BAT87121,4/29/97,BROMOFORM,500 U,500
49489,BAT87121,4/29/97,1 1 2 2-TETRACHLOROETHANE,500 U,500
49490,BATEW7,4/29/97,CHLOROMETHANE,250 U,250
49490,BATEW7,4/29/97,VINYL CHLORIDE,680,250
49490,BATEW7,4/29/97,CHLOROETHANE,250 U,250
49490,BATEW7,4/29/97,BROMOMETHANE,250 U,250
49490,BATEW7,4/29/97,1 1-DICHLOROETHENE,250 U,250
49490,BATEW7,4/29/97,ACETONE,1200 U,1200
49490,BATEW7,4/29/97,CARBON DISULFIDE,250 U,250
49490,BATEW7,4/29/97,METHYLENE CHLORIDE,250 U,250
49490,BATEW7,4/29/97,TRANS-1 2-DICHLOROETHENE,250 U,250
49490,BATEW7,4/29/97,1 1-DICHLOROETHANE,250 U,250
49490,BATEW7,4/29/97,CIS-1 2-DICHLOROETHENE,4900,250
49490,BATEW7,4/29/97,METHYL ETHYL KETONE,1200 U,1200
49490,BATEW7,4/29/97,CHLOROFORM,250 U,250
49490,BATEW7,4/29/97,1 1 1-TRICHLOROETHANE,250 U,250
49490,BATEW7,4/29/97,CARBON TETRACHLORIDE,250 U,250
49490,BATEW7,4/29/97,BENZENE,250 U,250
49490,BATEW7,4/29/97,1 2-DICHLOROETHANE,250 U,250
49490,BATEW7,4/29/97,TRICHLOROETHENE,250 U,250
49490,BATEW7,4/29/97,1 2-DICHLOROPROPANE,250 U,250
49490,BATEW7,4/29/97,BROMODICHLOROMETHANE,250 U,250
49490,BATEW7,4/29/97,CIS-1 3-DICHLOROPROPENE,250 U,250
49490,BATEW7,4/29/97,MIBK,500 U,500
49490,BATEW7,4/29/97,TOLUENE,250 U,250
49490,BATEW7,4/29/97,TRANS-1 3-DICHLOROPROPENE,250 U,250
49490,BATEW7,4/29/97,1 1 2-TRICHLOROETHANE,250 U,250
49490,BATEW7,4/29/97,TETRACHLOROETHENE,250 U,250
49490,BATEW7,4/29/97,2-HEXANONE,500 U,500
49490,BATEW7,4/29/97,DIBROMOCHLOROMETHANE,250 U,250
49490,BATEW7,4/29/97,CHLOROBENZENE,250 U,250
49490,BATEW7,4/29/97,ETHYLBENZENE,250 U,250
49490,BATEW7,4/29/97,P-XYLENE/M-XYLENE,250 U,250
49490,BATEW7,4/29/97,O-XYLENE,250 U,250
49490,BATEW7,4/29/97,STYRENE,250 U,250
49490,BATEW7,4/29/97,BROMOFORM,250 U,250

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49490,BATEW7,4/29/97,1 1 2 2-TETRACHLOROETHANE,250 U,250
49491,BAT87181,4/29/97,CHLOROMETHANE,250 U,250
49491,BAT87181,4/29/97,VINYL CHLORIDE,840,250
49491,BAT87181,4/29/97,CHLOROETHANE,250 U,250
49491,BAT87181,4/29/97,BROMOMETHANE,250 U,250
49491,BAT87181,4/29/97,1 1-DICHLOROETHENE,250 U,250
49491,BAT87181,4/29/97,ACETONE,1200 U,1200
49491,BAT87181,4/29/97,CARBON DISULFIDE,250 U,250
49491,BAT87181,4/29/97,METHYLENE CHLORIDE,250 U,250
49491,BAT87181,4/29/97,TRANS-1 2-DICHLOROETHENE,250 U,250
49491,BAT87181,4/29/97,1 1-DICHLOROETHANE,250 U,250
49491,BAT87181,4/29/97,CIS-1 2-DICHLOROETHENE,5300,250
49491,BAT87181,4/29/97,METHYL ETHYL KETONE,1200 U,1200
49491,BAT87181,4/29/97,CHLOROFORM,250 U,250
49491,BAT87181,4/29/97,1 1 1-TRICHLOROETHANE,250 U,250
49491,BAT87181,4/29/97,CARBON TETRACHLORIDE,250 U,250
49491,BAT87181,4/29/97,BENZENE,250 U,250
49491,BAT87181,4/29/97,1 2-DICHLOROETHANE,250 U,250
49491,BAT87181,4/29/97,TRICHLOROETHENE,250 U,250
49491,BAT87181,4/29/97,1 2-DICHLOROPROPANE,250 U,250
49491,BAT87181,4/29/97,BROMODICHLOROMETHANE,250 U,250
49491,BAT87181,4/29/97,CIS-1 3-DICHLOROPROPENE,250 U,250
49491,BAT87181,4/29/97,MIBK,500 U,500
49491,BAT87181,4/29/97,TOLUENE,250 U,250
49491,BAT87181,4/29/97,TRANS-1 3-DICHLOROPROPENE,250 U,250
49491,BAT87181,4/29/97,1 1 2-TRICHLOROETHANE,250 U,250
49491,BAT87181,4/29/97,TETRACHLOROETHENE,250 U,250
49491,BAT87181,4/29/97,2-HEXANONE,500 U,500
49491,BAT87181,4/29/97,DIBROMOCHLOROMETHANE,250 U,250
49491,BAT87181,4/29/97,CHLOROBENZENE,250 U,250
49491,BAT87181,4/29/97,ETHYLBENZENE,250 U,250
49491,BAT87181,4/29/97,P-XYLENE/M-XYLENE,300,250
49491,BAT87181,4/29/97,O-XYLENE,250 U,250
49491,BAT87181,4/29/97,STYRENE,250 U,250
49491,BAT87181,4/29/97,BROMOFORM,250 U,250
49491,BAT87181,4/29/97,1 1 2 2-TETRACHLOROETHANE,250 U,250
49494,BAT87221,4/29/97,CHLOROMETHANE,120 U,120
49494,BAT87221,4/29/97,VINYL CHLORIDE,180,120
49494,BAT87221,4/29/97,CHLOROETHANE,120 U,120
49494,BAT87221,4/29/97,BROMOMETHANE,120 U,120
49494,BAT87221,4/29/97,1 1-DICHLOROETHENE,120 U,120
49494,BAT87221,4/29/97,ACETONE,620 U,620

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49494,BAT87221,4/29/97,CARBON DISULFIDE,120 U,120
49494,BAT87221,4/29/97,METHYLENE CHLORIDE,120 U,120
49494,BAT87221,4/29/97,TRANS-1 2-DICHLOROETHENE,120 U,120
49494,BAT87221,4/29/97,1 1-DICHLOROETHANE,120 U,120
49494,BAT87221,4/29/97,CIS-1 2-DICHLOROETHENE,3400,120
49494,BAT87221,4/29/97,METHYL ETHYL KETONE,620 U,620
49494,BAT87221,4/29/97,CHLOROFORM,120 U,120
49494,BAT87221,4/29/97,1 1 1-TRICHLOROETHANE,120 U,120
49494,BAT87221,4/29/97,CARBON TETRACHLORIDE,120 U,120
49494,BAT87221,4/29/97,BENZENE,120 U,120
49494,BAT87221,4/29/97,1 2-DICHLOROETHANE,120 U,120
49494,BAT87221,4/29/97,TRICHLOROETHENE,650,120
49494,BAT87221,4/29/97,1 2-DICHLOROPROPANE,120 U,120
49494,BAT87221,4/29/97,BROMODICHLOROMETHANE,120 U,120
49494,BAT87221,4/29/97,CIS-1 3-DICHLOROPROPENE,120 U,120
49494,BAT87221,4/29/97,MIBK,250 U,250
49494,BAT87221,4/29/97,TOLUENE,120 U,120
49494,BAT87221,4/29/97,TRANS-1 3-DICHLOROPROPENE,120 U,120
49494,BAT87221,4/29/97,1 1 2-TRICHLOROETHANE,120 U,120
49494,BAT87221,4/29/97,TETRACHLOROETHENE,120 U,120
49494,BAT87221,4/29/97,2-HEXANONE,250 U,250
49494,BAT87221,4/29/97,DIBROMOCHLOROMETHANE,120 U,120
49494,BAT87221,4/29/97,CHLOROBENZENE,120 U,120
49494,BAT87221,4/29/97,ETHYLBENZENE,120 U,120
49494,BAT87221,4/29/97,P-XYLENE/M-XYLENE,120 U,120
49494,BAT87221,4/29/97,O-XYLENE,120 U,120
49494,BAT87221,4/29/97,STYRENE,120 U,120
49494,BAT87221,4/29/97,BROMOFORM,120 U,120
49494,BAT87221,4/29/97,1 1 2 2-TETRACHLOROETHANE,120 U,120
49495,BAT87220,4/29/97,CHLOROMETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49495,BAT87220,4/29/97,CHLOROETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,BROMOMETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49495,BAT87220,4/29/97,ACETONE,10 U,10
49495,BAT87220,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49495,BAT87220,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49495,BAT87220,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49495,BAT87220,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49495,BAT87220,4/29/97,METHYL ETHYL KETONE,10 U,10
49495,BAT87220,4/29/97,CHLOROFORM,0.5 U,0.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49495,BAT87220,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49495,BAT87220,4/29/97,BENZENE,0.5 U,0.5
49495,BAT87220,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,TRICHLOROETHENE,0.5 U,0.5
49495,BAT87220,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49495,BAT87220,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49495,BAT87220,4/29/97,MIBK,10 U,10
49495,BAT87220,4/29/97,TOLUENE,0.5 U,0.5
49495,BAT87220,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49495,BAT87220,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49495,BAT87220,4/29/97,2-HEXANONE,10 U,10
49495,BAT87220,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49495,BAT87220,4/29/97,CHLOROBENZENE,0.5 U,0.5
49495,BAT87220,4/29/97,ETHYLBENZENE,0.5 U,0.5
49495,BAT87220,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49495,BAT87220,4/29/97,O-XYLENE,0.5 U,0.5
49495,BAT87220,4/29/97,STYRENE,0.5 U,0.5
49495,BAT87220,4/29/97,BROMOFORM,0.5 U,0.5
49495,BAT87220,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,CHLOROMETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49496,BAT87230,4/29/97,CHLOROETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,BROMOMETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49496,BAT87230,4/29/97,ACETONE,10 U,10
49496,BAT87230,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49496,BAT87230,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49496,BAT87230,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49496,BAT87230,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49496,BAT87230,4/29/97,METHYL ETHYL KETONE,10 U,10
49496,BAT87230,4/29/97,CHLOROFORM,0.5 U,0.5
49496,BAT87230,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49496,BAT87230,4/29/97,BENZENE,0.5 U,0.5
49496,BAT87230,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,TRICHLOROETHENE,0.5 U,0.5
49496,BAT87230,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49496,BAT87230,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49496,BAT87230,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49496,BAT87230,4/29/97,MIBK,10 U,10
49496,BAT87230,4/29/97,TOLUENE,0.5 U,0.5
49496,BAT87230,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49496,BAT87230,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49496,BAT87230,4/29/97,2-HEXANONE,10 U,10
49496,BAT87230,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49496,BAT87230,4/29/97,CHLOROBENZENE,0.5 U,0.5
49496,BAT87230,4/29/97,ETHYLBENZENE,0.5 U,0.5
49496,BAT87230,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49496,BAT87230,4/29/97,O-XYLENE,0.5 U,0.5
49496,BAT87230,4/29/97,STYRENE,0.5 U,0.5
49496,BAT87230,4/29/97,BROMOFORM,0.5 U,0.5
49496,BAT87230,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,CHLOROMETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49497,BAT89140,4/29/97,CHLOROETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,BROMOMETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49497,BAT89140,4/29/97,ACETONE,10 U,10
49497,BAT89140,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49497,BAT89140,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49497,BAT89140,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49497,BAT89140,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49497,BAT89140,4/29/97,METHYL ETHYL KETONE,10 U,10
49497,BAT89140,4/29/97,CHLOROFORM,0.5 U,0.5
49497,BAT89140,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49497,BAT89140,4/29/97,BENZENE,0.5 U,0.5
49497,BAT89140,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,TRICHLOROETHENE,0.5 U,0.5
49497,BAT89140,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49497,BAT89140,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49497,BAT89140,4/29/97,MIBK,10 U,10
49497,BAT89140,4/29/97,TOLUENE,0.5 U,0.5
49497,BAT89140,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49497,BAT89140,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49497,BAT89140,4/29/97,2-HEXANONE,10 U,10

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49497,BAT89140,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49497,BAT89140,4/29/97,CHLOROBENZENE,0.5 U,0.5
49497,BAT89140,4/29/97,ETHYLBENZENE,0.5 U,0.5
49497,BAT89140,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49497,BAT89140,4/29/97,O-XYLENE,0.5 U,0.5
49497,BAT89140,4/29/97,STYRENE,0.5 U,0.5
49497,BAT89140,4/29/97,BROMOFORM,0.5 U,0.5
49497,BAT89140,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,CHLOROMETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,VINYL CHLORIDE,15,0.5
49498,BAT87021,4/29/97,CHLOROETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,BROMOMETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,1 1-DICHLOROETHENE,0.9,0.5
49498,BAT87021,4/29/97,ACETONE,10 U,10
49498,BAT87021,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49498,BAT87021,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49498,BAT87021,4/29/97,TRANS-1 2-DICHLOROETHENE,4,0.5
49498,BAT87021,4/29/97,1 1-DICHLOROETHANE,2,0.5
49498,BAT87021,4/29/97,CIS-1 2-DICHLOROETHENE,250,2.5
49498,BAT87021,4/29/97,METHYL ETHYL KETONE,10 U,10
49498,BAT87021,4/29/97,CHLOROFORM,3,0.5
49498,BAT87021,4/29/97,1 1 1-TRICHLOROETHANE,6,0.5
49498,BAT87021,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49498,BAT87021,4/29/97,BENZENE,0.5 U,0.5
49498,BAT87021,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,TRICHLOROETHENE,190,0.5
49498,BAT87021,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49498,BAT87021,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49498,BAT87021,4/29/97,MIBK,10 U,10
49498,BAT87021,4/29/97,TOLUENE,0.5 U,0.5
49498,BAT87021,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49498,BAT87021,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49498,BAT87021,4/29/97,2-HEXANONE,10 U,10
49498,BAT87021,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49498,BAT87021,4/29/97,CHLOROBENZENE,0.5 U,0.5
49498,BAT87021,4/29/97,ETHYLBENZENE,0.5 U,0.5
49498,BAT87021,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49498,BAT87021,4/29/97,O-XYLENE,0.5 U,0.5
49498,BAT87021,4/29/97,STYRENE,0.5 U,0.5
49498,BAT87021,4/29/97,BROMOFORM,0.5 U,0.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49498,BAT87021,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,CHLOROMETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49499,BAT87023,4/29/97,CHLOROETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,BROMOMETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49499,BAT87023,4/29/97,ACETONE,10 U,10
49499,BAT87023,4/29/97,CARBON DISULFIDE,1,0.5
49499,BAT87023,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49499,BAT87023,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49499,BAT87023,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49499,BAT87023,4/29/97,METHYL ETHYL KETONE,10 U,10
49499,BAT87023,4/29/97,CHLOROFORM,0.5 U,0.5
49499,BAT87023,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49499,BAT87023,4/29/97,BENZENE,0.5 U,0.5
49499,BAT87023,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,TRICHLOROETHENE,0.5 U,0.5
49499,BAT87023,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49499,BAT87023,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49499,BAT87023,4/29/97,MIBK,10 U,10
49499,BAT87023,4/29/97,TOLUENE,0.5 U,0.5
49499,BAT87023,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49499,BAT87023,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49499,BAT87023,4/29/97,2-HEXANONE,10 U,10
49499,BAT87023,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49499,BAT87023,4/29/97,CHLOROBENZENE,0.5 U,0.5
49499,BAT87023,4/29/97,ETHYLBENZENE,0.5 U,0.5
49499,BAT87023,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49499,BAT87023,4/29/97,O-XYLENE,0.5 U,0.5
49499,BAT87023,4/29/97,STYRENE,0.5 U,0.5
49499,BAT87023,4/29/97,BROMOFORM,0.5 U,0.5
49499,BAT87023,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49501,BATB141,4/29/97,CHLOROMETHANE,2.5 U,2.5
49501,BATB141,4/29/97,VINYL CHLORIDE,130,2.5
49501,BATB141,4/29/97,CHLOROETHANE,2.5 U,2.5
49501,BATB141,4/29/97,BROMOMETHANE,2.5 U,2.5
49501,BATB141,4/29/97,1 1-DICHLOROETHENE,2.5 U,2.5
49501,BATB141,4/29/97,ACETONE,50 U,50

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49501,BATB141,4/29/97,CARBON DISULFIDE,2.5 U,2.5
49501,BATB141,4/29/97,METHYLENE CHLORIDE,2.5 U,2.5
49501,BATB141,4/29/97,TRANS-1 2-DICHLOROETHENE,5,2.5
49501,BATB141,4/29/97,1 1-DICHLOROETHANE,17,2.5
49501,BATB141,4/29/97,CIS-1 2-DICHLOROETHENE,640,2.5
49501,BATB141,4/29/97,METHYL ETHYL KETONE,50 U,50
49501,BATB141,4/29/97,CHLOROFORM,2.5 U,2.5
49501,BATB141,4/29/97,1 1 1-TRICHLOROETHANE,73,2.5
49501,BATB141,4/29/97,CARBON TETRACHLORIDE,2.5 U,2.5
49501,BATB141,4/29/97,BENZENE,2.5 U,2.5
49501,BATB141,4/29/97,1 2-DICHLOROETHANE,2.5 U,2.5
49501,BATB141,4/29/97,TRICHLOROETHENE,7,2.5
49501,BATB141,4/29/97,1 2-DICHLOROPROPANE,2.5 U,2.5
49501,BATB141,4/29/97,BROMODICHLOROMETHANE,2.5 U,2.5
49501,BATB141,4/29/97,CIS-1 3-DICHLOROPROPENE,2.5 U,2.5
49501,BATB141,4/29/97,MIBK,50 U,50
49501,BATB141,4/29/97,TOLUENE,2.5 U,2.5
49501,BATB141,4/29/97,TRANS-1 3-DICHLOROPROPENE,2.5 U,2.5
49501,BATB141,4/29/97,1 1 2-TRICHLOROETHANE,2.5 U,2.5
49501,BATB141,4/29/97,TETRACHLOROETHENE,2.5 U,2.5
49501,BATB141,4/29/97,2-HEXANONE,50 U,50
49501,BATB141,4/29/97,DIBROMOCHLOROMETHANE,2.5 U,2.5
49501,BATB141,4/29/97,CHLOROBENZENE,2.5 U,2.5
49501,BATB141,4/29/97,ETHYLBENZENE,2.5 U,2.5
49501,BATB141,4/29/97,P-XYLENE/M-XYLENE,2.5 U,2.5
49501,BATB141,4/29/97,O-XYLENE,2.5 U,2.5
49501,BATB141,4/29/97,STYRENE,2.5 U,2.5
49501,BATB141,4/29/97,BROMOFORM,2.5 U,2.5
49501,BATB141,4/29/97,1 1 2 2-TETRACHLOROETHANE,2.5 U,2.5
49502,BAT89151,4/29/97,CHLOROMETHANE,120 U,120
49502,BAT89151,4/29/97,VINYL CHLORIDE,120 U,120
49502,BAT89151,4/29/97,CHLOROETHANE,120 U,120
49502,BAT89151,4/29/97,BROMOMETHANE,120 U,120
49502,BAT89151,4/29/97,1 1-DICHLOROETHENE,120 U,120
49502,BAT89151,4/29/97,ACETONE,620 U,620
49502,BAT89151,4/29/97,CARBON DISULFIDE,120 U,120
49502,BAT89151,4/29/97,METHYLENE CHLORIDE,3300,120
49502,BAT89151,4/29/97,TRANS-1 2-DICHLOROETHENE,120 U,120
49502,BAT89151,4/29/97,1 1-DICHLOROETHANE,120 U,120
49502,BAT89151,4/29/97,CIS-1 2-DICHLOROETHENE,860,120
49502,BAT89151,4/29/97,METHYL ETHYL KETONE,620 U,620
49502,BAT89151,4/29/97,CHLOROFORM,120 U,120

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49502,BAT89151,4/29/97,1 1 1-TRICHLOROETHANE,120 U,120
49502,BAT89151,4/29/97,CARBON TETRACHLORIDE,120 U,120
49502,BAT89151,4/29/97,BENZENE,120 U,120
49502,BAT89151,4/29/97,1 2-DICHLOROETHANE,120 U,120
49502,BAT89151,4/29/97,TRICHLOROETHENE,6100,250
49502,BAT89151,4/29/97,1 2-DICHLOROPROPANE,120 U,120
49502,BAT89151,4/29/97,BROMODICHLOROMETHANE,120 U,120
49502,BAT89151,4/29/97,CIS-1 3-DICHLOROPROPENE,120 U,120
49502,BAT89151,4/29/97,MIBK,250 U,250
49502,BAT89151,4/29/97,TOLUENE,120 U,120
49502,BAT89151,4/29/97,TRANS-1 3-DICHLOROPROPENE,120 U,120
49502,BAT89151,4/29/97,1 1 2-TRICHLOROETHANE,120 U,120
49502,BAT89151,4/29/97,TETRACHLOROETHENE,120 U,120
49502,BAT89151,4/29/97,2-HEXANONE,250 U,250
49502,BAT89151,4/29/97,DIBROMOCHLOROMETHANE,120 U,120
49502,BAT89151,4/29/97,CHLOROBENZENE,120 U,120
49502,BAT89151,4/29/97,ETHYLBENZENE,120 U,120
49502,BAT89151,4/29/97,P-XYLENE/M-XYLENE,120 U,120
49502,BAT89151,4/29/97,O-XYLENE,120 U,120
49502,BAT89151,4/29/97,STYRENE,120 U,120
49502,BAT89151,4/29/97,BROMOFORM,120 U,120
49502,BAT89151,4/29/97,1 1 2 2-TETRACHLOROETHANE,120 U,120
49505,BAT87081,4/29/97,CHLOROMETHANE,250 U,250
49505,BAT87081,4/29/97,VINYL CHLORIDE,250 U,250
49505,BAT87081,4/29/97,CHLOROETHANE,250 U,250
49505,BAT87081,4/29/97,BROMOMETHANE,250 U,250
49505,BAT87081,4/29/97,1 1-DICHLOROETHENE,250 U,250
49505,BAT87081,4/29/97,ACETONE,1200 U,1200
49505,BAT87081,4/29/97,CARBON DISULFIDE,250 U,250
49505,BAT87081,4/29/97,METHYLENE CHLORIDE,6800,250
49505,BAT87081,4/29/97,TRANS-1 2-DICHLOROETHENE,250 U,250
49505,BAT87081,4/29/97,1 1-DICHLOROETHANE,250 U,250
49505,BAT87081,4/29/97,CIS-1 2-DICHLOROETHENE,1300,250
49505,BAT87081,4/29/97,METHYL ETHYL KETONE,1200 U,1200
49505,BAT87081,4/29/97,CHLOROFORM,250 U,250
49505,BAT87081,4/29/97,1 1 1-TRICHLOROETHANE,250 U,250
49505,BAT87081,4/29/97,CARBON TETRACHLORIDE,250 U,250
49505,BAT87081,4/29/97,BENZENE,250 U,250
49505,BAT87081,4/29/97,1 2-DICHLOROETHANE,250 U,250
49505,BAT87081,4/29/97,TRICHLOROETHENE,420,250
49505,BAT87081,4/29/97,1 2-DICHLOROPROPANE,250 U,250
49505,BAT87081,4/29/97,BROMODICHLOROMETHANE,250 U,250

APPENDIX D
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LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49505,BAT87081,4/29/97,CIS-1 3-DICHLOROPROPENE,250 U,250
49505,BAT87081,4/29/97,MIBK,500 U,500
49505,BAT87081,4/29/97,TOLUENE,250 U,250
49505,BAT87081,4/29/97,TRANS-1 3-DICHLOROPROPENE,250 U,250
49505,BAT87081,4/29/97,1 1 2-TRICHLOROETHANE,250 U,250
49505,BAT87081,4/29/97,TETRACHLOROETHENE,250 U,250
49505,BAT87081,4/29/97,2-HEXANONE,500 U,500
49505,BAT87081,4/29/97,DIBROMOCHLOROMETHANE,250 U,250
49505,BAT87081,4/29/97,CHLOROBENZENE,250 U,250
49505,BAT87081,4/29/97,ETHYLBENZENE,250 U,250
49505,BAT87081,4/29/97,P-XYLENE/M-XYLENE,250 U,250
49505,BAT87081,4/29/97,O-XYLENE,250 U,250
49505,BAT87081,4/29/97,STYRENE,250 U,250
49505,BAT87081,4/29/97,BROMOFORM,250 U,250
49505,BAT87081,4/29/97,1 1 2 2-TETRACHLOROETHANE,250 U,250
49506,BAT87041,4/29/97,CHLOROMETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,VINYL CHLORIDE,1,0.5
49506,BAT87041,4/29/97,CHLOROETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,BROMOMETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49506,BAT87041,4/29/97,ACETONE,10 U,10
49506,BAT87041,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49506,BAT87041,4/29/97,METHYLENE CHLORIDE,92,0.5
49506,BAT87041,4/29/97,TRANS-1 2-DICHLOROETHENE,1,0.5
49506,BAT87041,4/29/97,1 1-DICHLOROETHANE,3,0.5
49506,BAT87041,4/29/97,CIS-1 2-DICHLOROETHENE,72,0.5
49506,BAT87041,4/29/97,METHYL ETHYL KETONE,10 U,10
49506,BAT87041,4/29/97,CHLOROFORM,2,0.5
49506,BAT87041,4/29/97,1 1 1-TRICHLOROETHANE,9,0.5
49506,BAT87041,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49506,BAT87041,4/29/97,BENZENE,0.5 U,0.5
49506,BAT87041,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,TRICHLOROETHENE,13,0.5
49506,BAT87041,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49506,BAT87041,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49506,BAT87041,4/29/97,MIBK,10 U,10
49506,BAT87041,4/29/97,TOLUENE,0.5 U,0.5
49506,BAT87041,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49506,BAT87041,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49506,BAT87041,4/29/97,2-HEXANONE,10 U,10

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49506,BAT87041,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49506,BAT87041,4/29/97,CHLOROBENZENE,0.5 U,0.5
49506,BAT87041,4/29/97,ETHYLBENZENE,0.5 U,0.5
49506,BAT87041,4/29/97,P-XYLENE/M-XYLENE,0.6,0.5
49506,BAT87041,4/29/97,O-XYLENE,0.5 U,0.5
49506,BAT87041,4/29/97,STYRENE,0.5 U,0.5
49506,BAT87041,4/29/97,BROMOFORM,0.5 U,0.5
49506,BAT87041,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49507,BAT87171,4/29/97,CHLOROMETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,VINYL CHLORIDE,100,2.5
49507,BAT87171,4/29/97,CHLOROETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,BROMOMETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,1 1-DICHLOROETHENE,4,2.5
49507,BAT87171,4/29/97,ACETONE,50 U,50
49507,BAT87171,4/29/97,CARBON DISULFIDE,2.5 U,2.5
49507,BAT87171,4/29/97,METHYLENE CHLORIDE,2.5 U,2.5
49507,BAT87171,4/29/97,TRANS-1 2-DICHLOROETHENE,4,2.5
49507,BAT87171,4/29/97,1 1-DICHLOROETHANE,23,2.5
49507,BAT87171,4/29/97,CIS-1 2-DICHLOROETHENE,590,2.5
49507,BAT87171,4/29/97,METHYL ETHYL KETONE,50 U,50
49507,BAT87171,4/29/97,CHLOROFORM,2.5 U,2.5
49507,BAT87171,4/29/97,1 1 1-TRICHLOROETHANE,120,2.5
49507,BAT87171,4/29/97,CARBON TETRACHLORIDE,2.5 U,2.5
49507,BAT87171,4/29/97,BENZENE,2.5 U,2.5
49507,BAT87171,4/29/97,1 2-DICHLOROETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,TRICHLOROETHENE,24,2.5
49507,BAT87171,4/29/97,1 2-DICHLOROPROPANE,2.5 U,2.5
49507,BAT87171,4/29/97,BROMODICHLOROMETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,CIS-1 3-DICHLOROPROPENE,2.5 U,2.5
49507,BAT87171,4/29/97,MIBK,50 U,50
49507,BAT87171,4/29/97,TOLUENE,2.5 U,2.5
49507,BAT87171,4/29/97,TRANS-1 3-DICHLOROPROPENE,2.5 U,2.5
49507,BAT87171,4/29/97,1 1 2-TRICHLOROETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,TETRACHLOROETHENE,2.5 U,2.5
49507,BAT87171,4/29/97,2-HEXANONE,50 U,50
49507,BAT87171,4/29/97,DIBROMOCHLOROMETHANE,2.5 U,2.5
49507,BAT87171,4/29/97,CHLOROBENZENE,2.5 U,2.5
49507,BAT87171,4/29/97,ETHYLBENZENE,2.5 U,2.5
49507,BAT87171,4/29/97,P-XYLENE/M-XYLENE,2.5 U,2.5
49507,BAT87171,4/29/97,O-XYLENE,2.5 U,2.5
49507,BAT87171,4/29/97,STYRENE,2.5 U,2.5
49507,BAT87171,4/29/97,BROMOFORM,2.5 U,2.5

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49507,BAT87171,4/29/97,1 1 2 2-TETRACHLOROETHANE,2.5 U,2.5
49508,BAT87133,4/29/97,CHLOROMETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,VINYL CHLORIDE,18,0.5
49508,BAT87133,4/29/97,CHLOROETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,BROMOMETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,1 1-DICHLOROETHENE,0.9,0.9
49508,BAT87133,4/29/97,ACETONE,10 U,10
49508,BAT87133,4/29/97,CARBON DISULFIDE,44,0.5
49508,BAT87133,4/29/97,METHYLENE CHLORIDE,0.8 B,0.5
49508,BAT87133,4/29/97,TRANS-1 2-DICHLOROETHENE,0.6,0.5
49508,BAT87133,4/29/97,1 1-DICHLOROETHANE,0.7,0.5
49508,BAT87133,4/29/97,CIS-1 2-DICHLOROETHENE,110,0.5
49508,BAT87133,4/29/97,METHYL ETHYL KETONE,10 U,10
49508,BAT87133,4/29/97,CHLOROFORM,0.5 U,0.5
49508,BAT87133,4/29/97,1 1 1-TRICHLOROETHANE,1 B,0.5
49508,BAT87133,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49508,BAT87133,4/29/97,BENZENE,0.5 U,0.5
49508,BAT87133,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,TRICHLOROETHENE,220,2.5
49508,BAT87133,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49508,BAT87133,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49508,BAT87133,4/29/97,MIBK,10 U,10
49508,BAT87133,4/29/97,TOLUENE,0.5 U,0.5
49508,BAT87133,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49508,BAT87133,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49508,BAT87133,4/29/97,2-HEXANONE,10 U,10
49508,BAT87133,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49508,BAT87133,4/29/97,CHLOROBENZENE,0.5 U,0.5
49508,BAT87133,4/29/97,ETHYLBENZENE,0.5 U,0.5
49508,BAT87133,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49508,BAT87133,4/29/97,O-XYLENE,0.5 U,0.5
49508,BAT87133,4/29/97,STYRENE,0.5 U,0.5
49508,BAT87133,4/29/97,BROMOFORM,0.5 U,0.5
49508,BAT87133,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,CHLOROMETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,VINYL CHLORIDE,0.5 U,0.5
49509,BAT87180,4/29/97,CHLOROETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,BROMOMETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,1 1-DICHLOROETHENE,0.5 U,0.5
49509,BAT87180,4/29/97,ACETONE,10 U,10

APPENDIX D
COPY OF COMMA DELIMITED ASCII FILE
LABORATORY RESULTS
APRIL 1997 QUARTERLY AND SEMI-ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

LAB ID,ORIGIN,DATE SAMPLED,ANALYTE,RESULT,PQL

49509,BAT87180,4/29/97,CARBON DISULFIDE,0.5 U,0.5
49509,BAT87180,4/29/97,METHYLENE CHLORIDE,0.5 U,0.5
49509,BAT87180,4/29/97,TRANS-1 2-DICHLOROETHENE,0.5 U,0.5
49509,BAT87180,4/29/97,1 1-DICHLOROETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,CIS-1 2-DICHLOROETHENE,0.5 U,0.5
49509,BAT87180,4/29/97,METHYL ETHYL KETONE,10 U,10
49509,BAT87180,4/29/97,CHLOROFORM,0.5 U,0.5
49509,BAT87180,4/29/97,1 1 1-TRICHLOROETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,CARBON TETRACHLORIDE,0.5 U,0.5
49509,BAT87180,4/29/97,BENZENE,0.5 U,0.5
49509,BAT87180,4/29/97,1 2-DICHLOROETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,TRICHLOROETHENE,0.5 U,0.5
49509,BAT87180,4/29/97,1 2-DICHLOROPROPANE,0.5 U,0.5
49509,BAT87180,4/29/97,BROMODICHLOROMETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,CIS-1 3-DICHLOROPROPENE,0.5 U,0.5
49509,BAT87180,4/29/97,MIBK,10 U,10
49509,BAT87180,4/29/97,TOLUENE,0.5 U,0.5
49509,BAT87180,4/29/97,TRANS-1 3-DICHLOROPROPENE,0.5 U,0.5
49509,BAT87180,4/29/97,1 1 2-TRICHLOROETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,TETRACHLOROETHENE,0.5 U,0.5
49509,BAT87180,4/29/97,2-HEXANONE,10 U,10
49509,BAT87180,4/29/97,DIBROMOCHLOROMETHANE,0.5 U,0.5
49509,BAT87180,4/29/97,CHLOROBENZENE,0.5 U,0.5
49509,BAT87180,4/29/97,ETHYLBENZENE,0.5 U,0.5
49509,BAT87180,4/29/97,P-XYLENE/M-XYLENE,0.5 U,0.5
49509,BAT87180,4/29/97,O-XYLENE,0.5 U,0.5
49509,BAT87180,4/29/97,STYRENE,0.5 U,0.5
49509,BAT87180,4/29/97,BROMOFORM,0.5 U,0.5
49509,BAT87180,4/29/97,1 1 2 2-TETRACHLOROETHANE,0.5 U,0.5