EPA Region 5 Records Ctr.

960839

Signature Page
for
Braun Seating
Screening Site Inspection
Leiters Ford, Indiana
Fulton County
U.S. EPA ID: INN000509951 LGRipley 01/31/2007

Prepared By: _____ Date: 7-12-05
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Site Investigation Section
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Approved By: _____ Date: 10/2/06
EPA Site Assessment Manager

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PRELIMINARY ASSESSMENT/SITE INSPECTION

FOR

BRAUN SEATING

LEITERS FORD, INDIANA

FULTON COUNTY

U.S. EPA ID: INN000509952 LgRupley 01/31/2007

JULY 12, 2005

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SECTION I

INTRODUCTION

The Indiana Department of Environmental Management (IDEM) Site Investigation Section, under a Cooperative Agreement (CA) with the United States Environmental Protection Agency, Region V, has been funded to perform Site Investigations consisting of Preliminary Assessments (PA), Site Inspections (SI), and Expanded Site Inspections (ESI) at certain sites listed in the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). This work is conducted under the authority of the Federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 (a.k.a. Superfund), and the Superfund Amendments and Reauthorization Act (SARA) of 1986. Sites eligible for SIs include those sites for which the Preliminary Assessment (PA) did not conclude that 'No Further Remedial Action is Planned'(NFRAP), as reflected in CERCLIS.

The primary objectives of the Site Assessment are:

- To collect additional data, using the Hazard Ranking System (HRS), required to make the determination of whether the site should be placed on the National Priorities List (NPL);
- To identify sites that may require removal actions to address immediate threats to human health and/or the environment.

The Site Investigation Section was given approval by the U.S. EPA to

conduct a Preliminary Assessment/Site Inspection at the Braun Seating facility.

Braun Seating manufactures seats for buses, for both private and public transit operations. In 2001, IDEM's Drinking Water Section received groundwater sampling results from Braun Seating. The sampling results revealed that the drinking water contained 47 µg/l of tetrachloroethylene (PCE). Groundwater flow from this facility was found to flow in a northwest direction toward the town of Leiters Ford. All residents in Leiters Ford obtain drinking water from private wells.

Information contained within this report will be used to evaluate this site under the Revised Hazard Ranking System Model for possible inclusion on the National Priorities List (NPL) of hazardous waste sites.

SECTION II

SITE BACKGROUND

2.1 Introduction

This section includes information obtained from the IDEM-RCRA files and information obtained from IDEM's Drinking Water Program.

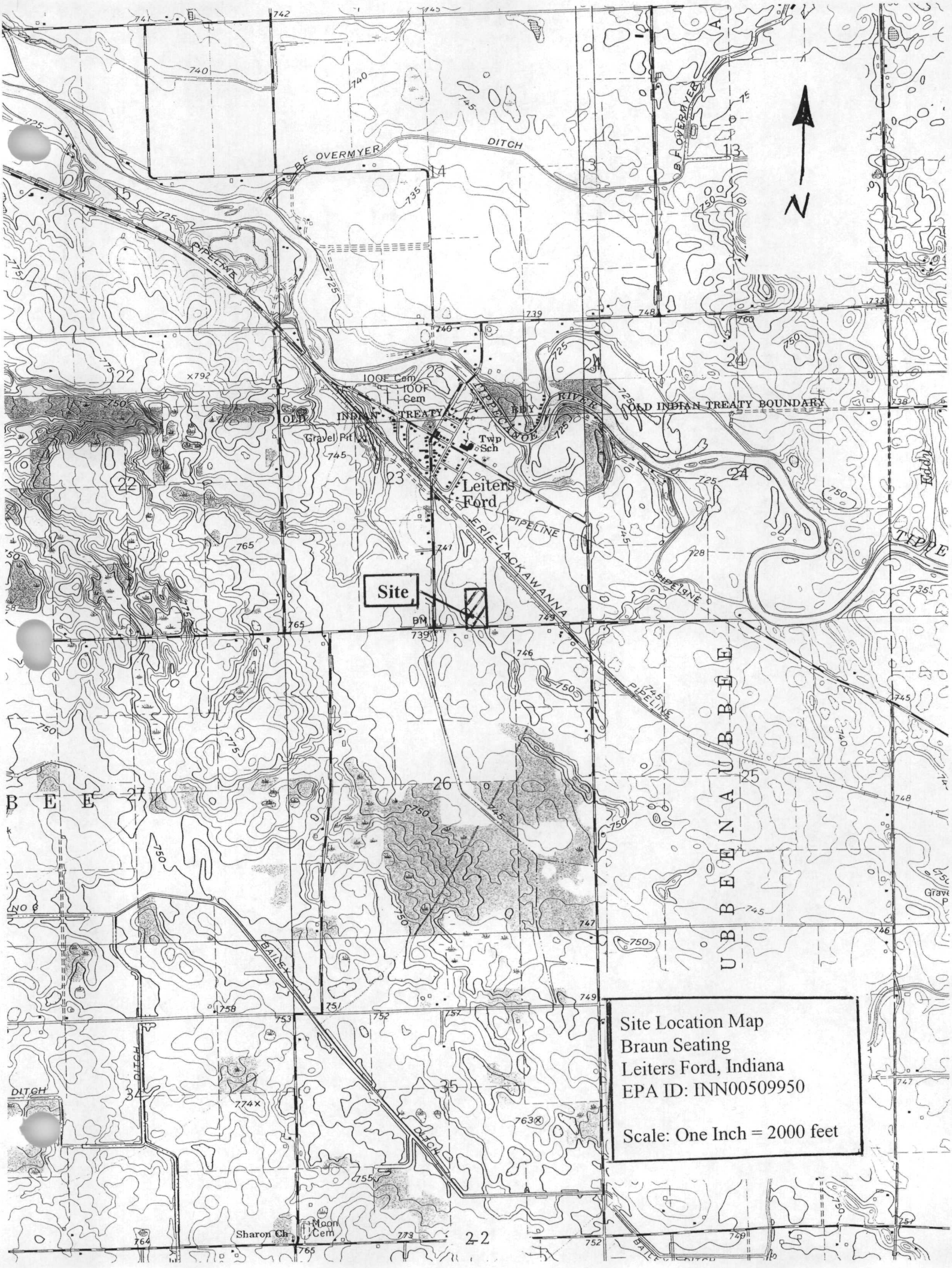
2.2 Site Description and Location

Braun Seating is located at 7346 West 400 North in Leiters Ford, Fulton County, Indiana. The site can be found on the U.S.G.S. Kewana, Ind. Quadrangle Topographic Map. The site is found in the southwest quarter of Section 23 in Township 31 North, Range 1 East.

The site lies about 3,000 feet south of the Tippecanoe River. The majority of the area around the site is flat and is surrounded by farm fields. The facility is comprised of one (1) plant building with a loading dock. Refer to Site Location Map on page 2-2 and the Site Features on page 2-5.

2.3 Site History

The Braun Seating Inc. is owned by Brent and Drew Braun. In 1998, the brothers began operations at the former Leiters Ford Federal Mogul plant which had been empty for several months prior to April 6, 1998. Braun Seating manufactures seats for buses, for both private and public transit operations. One of the products that the company produces is a handicap access seat.



Site Location Map
Braun Seating
Leiters Ford, Indiana
EPA ID: INN00509950

Scale: One Inch = 2000 feet

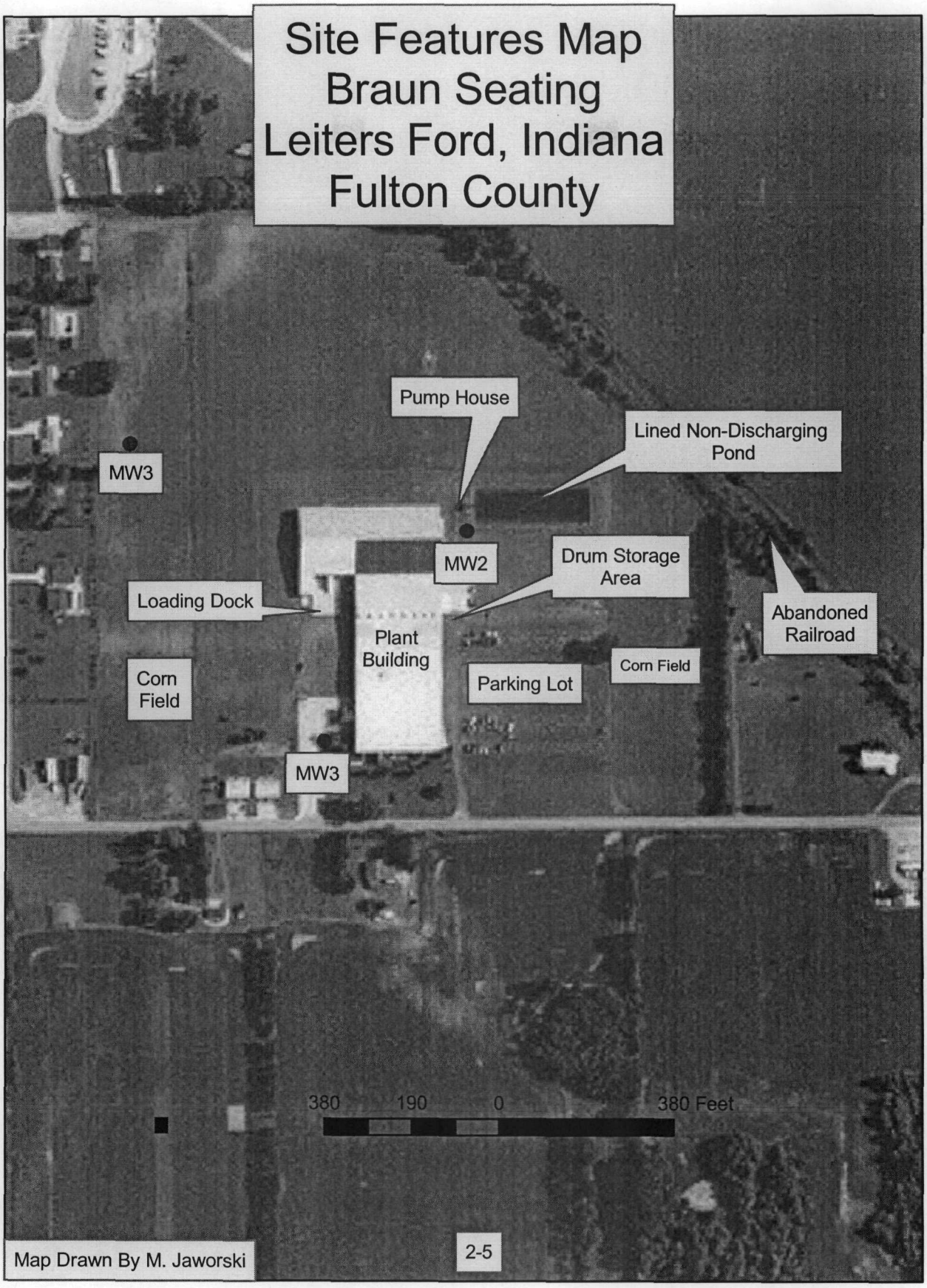
Prior to Braun Seating, the plant building was utilized by Federal Mogul. Federal Mogul was a manufacturer of electro-mechanical devices for the auto industry. The facility had two (2) small degreasing booths. The spend material was drummed and sent to Gold Shield, a waste removal service. Two (2) paint booths were 4employed by Federal Mogul in their operations. One (1) small booth, using air filtration to control dust and fumes, was used to paint small parts on an infrequent basis. The main paint booth was a water wash shower. The sludge from this shower was manually removed daily and placed in a 55 gallon drum. The drum, when full, was removed to their accumulation area. Methyl Isobutyl Ketone (MIBK) solvent was sprayed in the water wash to clean the equipment. This practice of cleaning reportedly did not occur at the small booth. No record of solvent spills exists for the Federal Mogul facility in Leiters Ford.

In 2001, IDEM's Drinking Water Section received groundwater sampling results from Braun Seating's on-site well that was used for drinking water by the facility's employees. Low levels (between .7 ppb and 4.7 ppb) of tetrachloroethylene (PCE) were reported to IDEM in the drinking water between December 1999 and June 2001. However, in September and October of 2001, 20 ppb and 44 ppb respectively of PCE was detected in the drinking water from the facility. The maximum contaminant level (MCL) set by U.S. EPA for PCE is 5 ppb. At that time, according to IDEM

Drinking Water regulations, IDEM staff did not require Braun Seating to close the well for drinking water purposes. Subsequent sampling, by Braun Seating staff in November and December of 2001, revealed that the concentration of PCE had become nondetect. The Braun Seating well is currently being used for drinking water purposes.

In January 2002, staff from IDEM's Drinking Water Section sampled the drinking water from two (2) residential properties that utilized private wells that were thought to be in the direction of groundwater flow to the west. Groundwater sample analysis of those wells revealed no detection of volatile organic compounds. The site was then referred to IDEM's Site Investigation Section.

In 2002, Braun Seating conducted a groundwater investigation surrounding the plant. Several groundwater monitoring wells were installed. The groundwater from these monitoring wells were sampled and no VOCs were detected. Staff from Site Investigation reviewed the site and determine that the groundwater flow may be more in a north-northwest direction toward the Tippecanoe River in an area where additional residents utilize private wells for drinking water.


Site Features Map
Braun Seating
Leiters Ford, Indiana
Fulton County
Pump House
Lined Non-Discharging Pond
MW3
MW2
Drum Storage Area
Loading Dock
Abandoned Railroad
Plant Building
Corn Field
Parking Lot
Corn Field
MW3
380 190 0 380 Feet
Map Drawn By M. Jaworski

SECTION III

PROCEDURES, FIELD OBSERVATIONS AND ANALYTICAL RESULTS

3.1 Introduction

This section outlines the procedures, observations and analytical results for the sampling of the Braun Seating PA/SI .

3.2 Site Representative Interview and Reconnaissance Inspection

On May 12, 2005, Mark Jaworski, Project Manager, met at Braun Seating with Dan Chesterson, Doug Fisher, Trevor Fuller, Rich Molini, and Tim Johnson from the Site Investigation Section.

Following the meeting, on-site and background sample locations were established to determine the natural environmental condition of the immediate area.

Inspection of the site revealed the following observations:

1) The site lies in a predominantly rural area.

2) Paved parking lots are located on the east and west sides of the plant building.

3) A drum storage area is located on the northeast corner of the plant building.

4) The facility utilizes a septic system.

5) The facility is surrounded by farm fields

6) The town of Leiters Ford is located approximately 2000 feet to the north.

3.3 Sample Procedures and Analytical Results

The laboratory results from the 2005 sampling of the Braun Seating site have been determined to be acceptable for use and meet the criteria contained in the Contract Laboratory Program (CLP). Any exceptions to the acceptance of this data will be identified in the QA/QC memorandum by the U.S. EPA chemists. Refer to Analytical Results in Appendix B. Sections 3.3.1 and 3.3.2 discuss the procedures how the samples were obtained.

3.3.1 Groundwater Samples

Groundwater samples were collected by IDEM personnel at locations best suited to determine if contaminants are present in the groundwater off site. A total of 13 groundwater samples, including two (2) background, one (1) trip, and one (1) duplicate sample, were collected. The groundwater samples are identified as E2BW7 through E2BW9, E2BX2 through E2BX9,E2BY0, E2BY4, and E2BY5.

Groundwater samples from the residential wells were obtained by first purging the well (allowing the well to run for 15 minutes) and then allowing the water to flow directly into the samples jars from the spigot. The monitoring wells that were sampled were first purged of three (3) well volumes before obtaining the sample. The wells were purged using one liter plastic disposable bailers. Nitrile surgical gloves were worn and discarded between the collection of each sample.

The Groundwater Sample Location and Comment Table, Table 1 found on pages 3-4 depicts the sample number, location of sample and any comments pertaining to the sample. The Groundwater Sample Location Map, page 3-5, shows the area where each sample was obtained.

3.3.2 Soil Samples

Soil samples were collected by IDEM at locations selected during the reconnaissance inspection to determine the extent of potential contamination from the Braun Seating facility. On May 12, 2005, a total of four (4) soil samples were collected. The four (4) soil samples were identified as E2BX0,E2BX1, E2BY1, and E2BY3. The Soil Sample Location and Comments Table, Table 2 on page 3-6, depicts the sample number, location, and any comments pertaining to each sample. The soil samples were obtained using a metal trowel and the Terra Core sample kit. Nitrile surgical gloves were worn and discarded between the collection of each sample. Refer to Soil Sample Location Map, page 3-7 for the location of each soil sample.

3.4 Summary Tables and Other Comments

Volatile organic compounds analysis were performed on the groundwater and soil samples. A Key Findings List summarizing contaminant concentrations detected three (3) times above background starts on page 4-5. The Background Groundwater Sample Concentration table, Page 4-6, depicts the background contaminant concentration and its three times concentration level.

Braun Seating

Groundwater Sample Location and Comment Table

Sample ID	Station	Location	Comments
E2BW7	GW1	IDEM Air Lab	Trip Blank
E2BW8	GW2	Braun Seating Faucet	Clear, sulfur
E2BW9	GW3	Same as E2BW8	Duplicate of GW2
E2BX3	GW8	Non-responsive	Clear, odorless
E2BX4	GW9	[redacted]	Clear, odorless
E2BX5	GW10	Aubeenaubee Township Community Center	Clear, odorless
E2BX6	GW11	Non-responsive	Clear, odorless
E2BX7	GW4	Monitoring Well #4	Slightly turbid
E2BX8	GW6	Monitoring Well #5	Turbid
E2BX9	GW7	Monitoring Well #3	Turbid
E2BY0	GW14	Monitoring Well #2	Turbid
E2BX2	GW5	Non-responsive	Background water sample, clear, odorless
E2BY4	GW13	[redacted]	Clear, odorless
E2BY5	GW12	[redacted]	Clear, odorless

Non-responsive

Braun Seating

Soil Sample Location and Comment Table

Sample ID	Station	Location	Comments
E2BX0	S1	Southeast corner of drum storage area	Light brown sandy loam
E2BX1	S2	Same as S1	Duplicate of S1
E2BY3	S3	Northeast sector of plant	Light brown sandy loam
E2BY1	S4	50 foot east of County Road West 700 North	Light brown sandy loam, background soil sample

Bra eating
Leiters Ford, Fulton County, Indiana
Soil Sample Location Map
S1
S2
S3
S4
0 150 300 600
Feet
N

Refer to Appendix B for a complete list of the chemical analysis data provided by the laboratory.

NOTE: Pictures were taken of all samples that were obtained. However, the camera malfunctioned at numerous sample locations. Therefore this report contains all of the photos that were able to be developed.

SECTION IV

DISCUSSION OF MIGRATION PATHWAYS

4.1 Introduction

Potential migration pathways for contaminants migrating from the Braun Seating site are discussed in this section. Potential contaminant migration through groundwater, surface water (including drinking water threat, human food chain threat, and environmental threat), soil exposure, and air are discussed.

4.2 Groundwater Pathway

The Braun Seating facility lies in the Upper Wabash River Basin (UWRB). Bedrock in the UWRB is composed of Paleozoic limestones, dolomites, sandstones, and shales. Indiana Department of Natural Resources well logs for the immediate area surrounding Braun Seating indicate that bedrock can be found at a depth of 150 feet. Surficial sand and gravel deposits overlie the bedrock. Most of the of the sand and gravel in the UWRB are glacial in origin. In Indiana, surficial sand and gravel deposits commonly contain large volumes of recoverable groundwater. The majority of residents surrounding the Braun Seating facility obtain drinking water from wells that have been completed in the sand and gravel deposits. The depth of the wells vary between 50 and 100 feet. Locally groundwater flow is to the north-northwest toward the Tippecanoe River.

An analysis of the groundwater samples revealed low concentrations of some volatile organic compounds (VOCs). Low levels of 2 butanone (5.3 µg/l) in only one groundwater sample E2BX6.

A low concentration of trichloroethene (TCE) (.12 µg/l) was detected in the background residential well, E2BX2. TCE was not detected in any of the other wells sampled. All VOC detection in the groundwater samples were found to be below Maximum Contaminant Levels set by the U.S. EPA.

Groundwater samples that contain the above mentioned VOCs can be found in the Key Findings List. The Key Findings List on Page 4-7 depicts those groundwater samples that were found to contain contaminants three (3) times above background levels from monitoring wells and from private wells.

4.3 Surface Water Pathway

Overland flow from the site enters the Tippecanoe River which is located approximately 2500 feet to the north. The Tippecanoe River is the largest tributary to enter the Wabash River.

4.3.1 Drinking Water Threat

Residents of Leiters Ford, Indiana obtain drinking water from private residential wells. There are no known surface water intakes on the Tippecanoe River within the 15 mile surface water pathway.

4.3.2 Human Food Chain Threat

The Tippecanoe River is considered a fishery. Currently, there is a Group 3 Fish Advisory posted for the Tippecanoe River for PCBs. There is no indication that there is a release of PCBs from this site that could impact the surface water pathway. No surface water or sediment samples were obtained during this inspection

4.3.3 Environmental Threat

A survey conducted by the Indiana Department of Natural Resources /Division of Nature Preserves/Heritage Program indicated that there are endangered or threatened species and/or sensitive environments within the 15 mile surface water pathway of the Braun Seating facility. Refer to Appendix E. Since there are no significant surface contamination, it appears unlikely that any of the identified endangered species would be impacted.

4.4 Soil Exposure

VOCs were only detected in two (2) soil samples, E2BXO and E2BX1. Sample E2BX1 was a duplicate of sample E2BX0. Low levels of carbon disulfide (3 and 4µg/kg) and methylcyclohexane (3µg/kg) were detected in these two (2) soil sample. Toluene (2 µg/kg) was detected in sample E2BX0. The toluene detection was not duplicated in sample E2BX1. Refer to the Key Findings List

on page 4-5 depicts those soil samples that were found to contain contaminants at levels three (3) times above background.

All locations where soil samples were obtained for this inspection are accessible to the public. There are no fences that would prohibit access to the areas where soil samples were found to contain VOCs. Since the concentrations of VOCs detected in the soils were well below any published benchmarks established by the U.S. EPA or IDEM, and the area surrounding the Braun Seating facility is sparsely populated, the soil exposure pathway is not perceived to pose a significant impact to human health.

4.5 Air Pathway

No air samples were collected during this inspection. No air quality issues appeared to exist. Presently, there are no reports of adverse health effects resulting from the migration of hazardous substances through the air. There does not appear to be a potential risk to nearby residents by the air pathway.

BRAUN SEATING

Keyfindings List
Soils

		3X Background Concentration
E2BX0	Carbon Disulfide	4 µg/kg
	Methylcyclohexane	3 µg/kg
	Toluene	2 µg/kg
E2BX1	Carbon Disulfide	3 µg/kg
	Methylcyclohexane	3 µg/kg

BRAUN SEATING

Keyfindings List
Groundwater

Background Contaminant Concentration

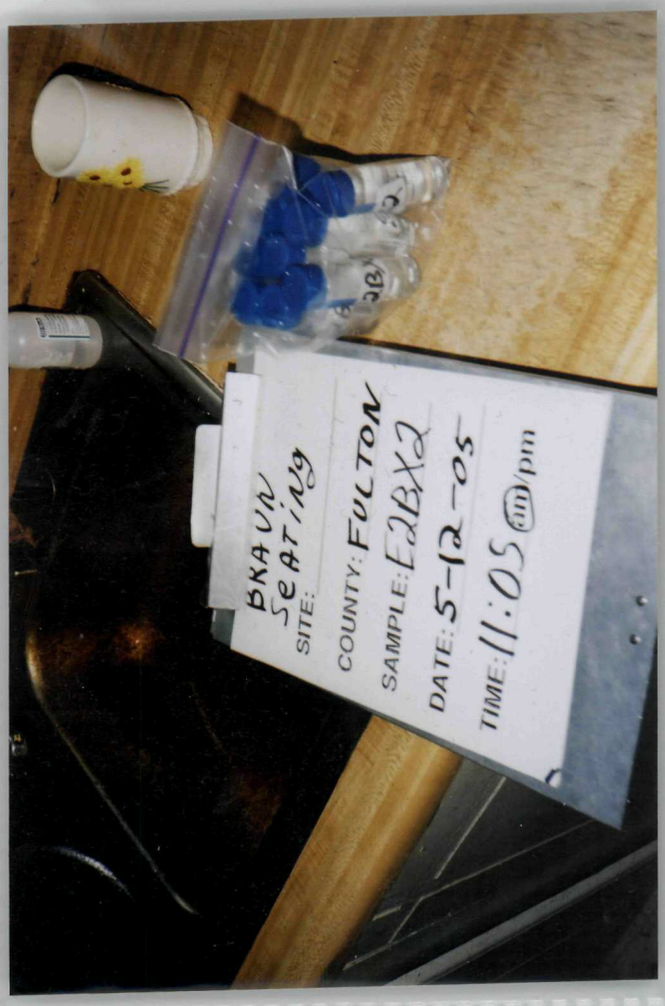
Sample ID	Contaminant	Concentration	3X
E2BX2	Trichlorethene	0.12 µg/l	0.36 µg/l

Groundwater Key Findings List

Sample ID	Station #	Contaminant	Concentration
E2BX6	Gw11	2-butanone	5.3 ug/l

APPENDIX A

IDEM Site Photographs



SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 11:05 am
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX2
SAMPLE TYPE: Groundwater

Non-responsive

[redacted]

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:05 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX3
SAMPLE TYPE: Groundwater

Non-responsive

[redacted]

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:05 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX3
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX3 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:25 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX4
SAMPLE TYPE: Groundwater

Non-responsive

[redacted]

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:25 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX4
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX4 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:45 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX5
SAMPLE TYPE: Groundwater
DESCRIPTION: Groundwater sample obtained from Aubeenaubee Twp. Community Center

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:45 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX5
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX5 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 1:10 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX6
SAMPLE TYPE: Groundwater

Non-responsive

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 1:10 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX6
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX6 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 1:50 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BY4
SAMPLE TYPE: Groundwa

Non-responsive

[redacted]

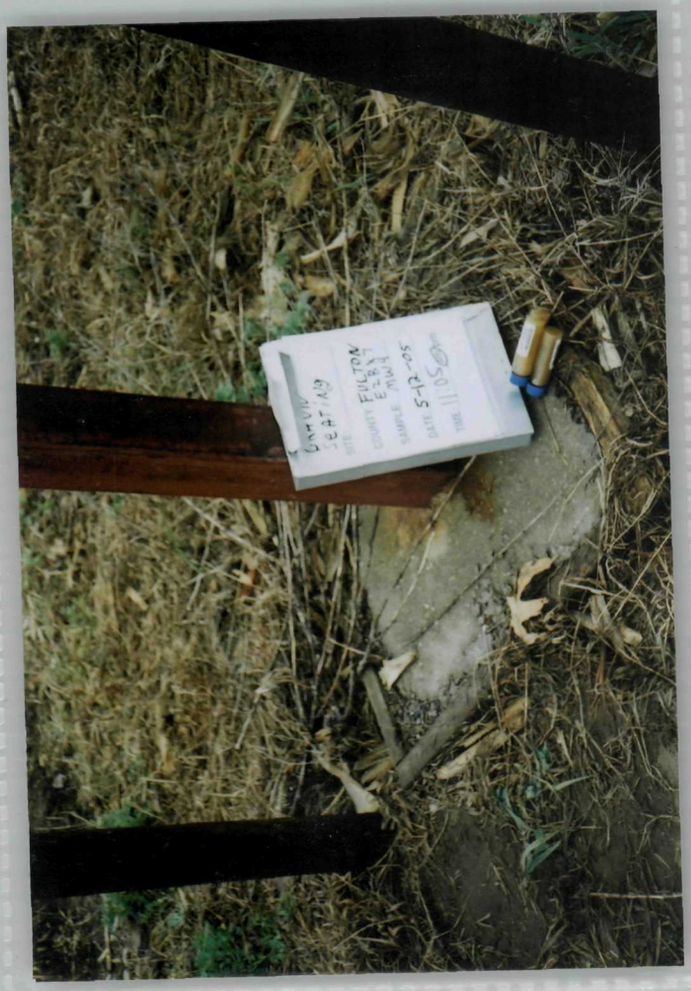
SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 1:50 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BY4
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BY4 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 2:15 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BY5
SAMPLE TYPE: Groundwater

Non-responsive

[redacted]

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 2:15 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BY5
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BY5 was obtained



SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 11:05 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX7
SAMPLE TYPE: Groundwater
DESCRIPTION: Groundwater sample obtained from Braun Seating Monitoring Well #4

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 11:05 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX7
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX7 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:30 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX9
SAMPLE TYPE: Groundwater
DESCRIPTION: Groundwater sample obtained from Braun Seating Monitoring Well #3

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 12:30 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX9
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX9 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 2:00 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BY0
SAMPLE TYPE: Groundwater
DESCRIPTION: Groundwater sample obtained from Braun Seating Monitoring Well #2

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 2:00 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BY0
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BY0 was obtained

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 11:45 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX8
SAMPLE TYPE: Groundwater
DESCRIPTION: Groundwater sample obtained from Braun Seating Monitoring Well #2

SITE: Braun Seating
EPA ID#: INN000509950
DATE: 5/12/05
TIME: 11:45 pm
WEATHER: Cloudy; 60s °
SAMPLE ID# E2BX8
SAMPLE TYPE: Groundwater
DESCRIPTION: Picture shows the area where groundwater sample E2BX8 was obtained

APPENDIX B

Chemical Analysis Data

DATE: June 9, 2005

Indiana Dept of Environmental Management
Office of Environmental/Site Investigation Section
P.O. Box 6015
100 N. Senate Avenue
Indianapolis, IN 46206-6015

RECEIVED
JUN 2 0 2005
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

ATTN: Mark Jaworski

SITE NAME: Braun Seating, IN

CASE NO.	LAB	NO. OF SAMPLES	SDG	MATRIX
34185	Compuchem	4	E2BX0	Soils

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: U.S. EPA
Region 5
Central Regional Laboratory
536 S. Clark, 10th Floor
CHICAGO, IL 60605

Sent By: James Burden, Chemist - ESAT Region 5 / ALION Science & Technology

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: **Electronic (Level 2) Review of Data**

Received for Review on: June 2, 2005

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IDEM

The following data has been electronically reviewed by CADRE. No review of the raw data, laboratory narrative, laboratory forms or chain-of-custody forms was performed.

SITE Name: Braun Seating (IN)

Case Number: 34185 SDG Number: E2BX0

Number and Type of Samples: 4 (soils)

Sample Numbers: E2BX0, E2BX1, E2BY1 and E2BY3

Laboratory: CompuChem Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number: 34185
Site Name: Braun Seating (IN)

SDG Number: E2BX0
Laboratory: CompuChem

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Four (4) soil samples labeled E2BX0, E2BX1, E2BY1 and E2BY3, were collected on May 12, 2005. The lab received the samples on May 13, 2005 in good condition. All samples were analyzed for only the volatile list of organic analytes. All samples were analyzed according to CLP SOW OLMO4.2.

Case Number: 34185
Site Name: Braun Seating (IN)

SDG Number: E2BX0
Laboratory: CompuChem

1. HOLDING TIME

No defects found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No defects found.

3. CALIBRATION

Qualification: Calibrations **Protocol: VOA**

DC-7 The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "UJ".

Acetone
E2BX0, E2BX1, E2BY1, E2BY1MS, E2BY1MSD, E2BY3, VBLKCB, VBLKDJ, VBLKGY, VHBLKYG

DC-8 The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Dichlorodifluoromethane, Chloromethane
E2BX0, E2BX1, E2BY1MS, E2BY1MSD, VBLKCB

Methyl tert-Butyl Ether
E2BY3, VBLKGY, VHBLKYG

4. BLANKS

Qualification: Laboratory Blanks **Protocol: VOA**

DC-19 The following volatile samples are associated with a contaminated storage blank. Hits are qualified "J" and non-detects are not flagged.

Acetone
E2BX0, E2BX1, E2BY1, E2BY1MS, E2BY1MSD, E2BY3

Toluene
E2BX0, E2BY1MS, E2BY1MSD

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

No defects found.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

No defects found.

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as trip blanks, field blanks or field duplicates. Results are not qualified based upon the results of the field blanks or field duplicates.

8. INTERNAL STANDARDS

No defects found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

Qualification: Detection Limit **Protocol: VOA**

DC-1 The following volatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E2BX0
Carbon Disulfide, 2-Butanone, Cyclohexane, Methylcyclohexane, Toluene

E2BX1
Carbon Disulfide, Cyclohexane, Methylcyclohexane

E2BY1
2-Butanone

E2BY1MS, E2BY1MSD
Chloromethane, 2-Butanone

E2BY3
2-Butanone, Cyclohexane

VBLKCB, VBLKDJ, VBLKGY
Acetone

VHBLKYG
Acetone, Toluene

DC-3 Adjusted CRQL values of the following volatile samples are less than the contract specified CRQLs. The contract specified CRQL values are used by CADRE during data validation and reported for non-detected compounds.

E2BX0

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

12. ADDITIONAL INFORMATION

Qualification: CADRE Reserved **Protocol: VOA**

DC-2 Verification of non-detected results and assignment of "U" qualifier when the reported value is less than CRQL.

E2BX0, E2BX1, E2BY1, E2BY1MS, E2BY1MSD, E2BY3, VBLKCB, VBLKDJ, VBLKGY, VHBLKYG

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BX0
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Number of Soil Samples : 4
Number of Water Samples : 0

Sample Number :	E2BX0		E2BX1		E2BY1		E2BY1MS		E2BY1MSD	
Sampling Location :	SOIL 1		SOIL 2		SOIL 3		SOIL 3		SOIL 3	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	11:14		11:14		12:00		12:00		12:00	
%Moisture :	1		13		21		21		21	
pH :	7.0		7.0		7.0		7.0		7.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
DICHLORODIFLUOROMETHANE	10	UJ	10	UJ	12	U	10	UJ	12	UJ
CHLOROMETHANE	10	UJ	10	UJ	12	U	3	J	2	J
VINYL CHLORIDE	10	U	10	U	12	U	10	U	12	U
BROMOMETHANE	10	U	10	U	12	U	10	U	12	U
CHLOROETHANE	10	U	10	U	12	U	10	U	12	U
TRICHLOROFLUOROMETHANE	10	U	10	U	12	U	10	U	12	U
1,1-DICHLOROETHENE	10	U	10	U	12	U	60		74	
1,1,2-TRICHLORO-1,2,2-TRIFLUORO	10	U	10	U	12	U	10	U	12	U
ACETONE	57	J	87	J	100	J	120	J	100	J
CARBON DISULFIDE	4	J	3	J	12	U	10	U	12	U
METHYL ACETATE	10	U	10	U	12	U	150		210	
METHYLENE CHLORIDE	10	U	10	U	12	U	10	U	12	U
TRANS-1,2-DICHLOROETHENE	10	U	10	U	12	U	10	U	12	U
METHYL TERT-BUTYL ETHER	10	U	10	U	12	U	10	U	12	U
1,1-DICHLOROETHANE	10	U	10	U	12	U	10	U	12	U
CIS-1,2-DICHLOROETHENE	10	U	10	U	12	U	10	U	12	U
2-BUTANONE	7	J	12		8	J	9	J	9	J
CHLOROFORM	10	U	10	U	12	U	10	U	12	U
1,1,1-TRICHLOROETHANE	10	U	10	U	12	U	10	U	12	U
CYCLOHEXANE	3	J	4	J	12	U	10	U	12	U
CARBON TETRACHLORIDE	10	U	10	U	12	U	10	U	12	U
BENZENE	10	U	10	U	12	U	40		53	
1,2-DICHLOROETHANE	10	U	10	U	12	U	10	U	12	U
TRICHLOROETHENE	10	U	10	U	12	U	42		56	
METHYLCYCLOHEXANE	3	J	3	J	12	U	10	U	12	U
1,2-DICHLOROPROPANE	10	U	10	U	12	U	10	U	12	U
BROMODICHLOROMETHANE	10	U	10	U	12	U	10	U	12	U
CIS-1,3-DICHLOROPROPENE	10	U	10	U	12	U	10	U	12	U
4-METHYL-2-PENTANONE	10	U	10	U	12	U	10	U	12	U
TOLUENE	2	J	10	U	12	U	35	J	48	J
TRANS-1,3-DICHLOROPROPENE	10	U	10	U	12	U	10	U	12	U
1,1,2-TRICHLOROETHANE	10	U	10	U	12	U	10	U	12	U
TETRACHLOROETHENE	10	U	10	U	12	U	10	U	12	U

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BX0
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BX0		E2BX1		E2BY1		E2BY1MS		E2BY1MSD	
Sampling Location :	SOIL 1		SOIL 2		SOIL 3		SOIL 3		SOIL 3	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	11:14		11:14		12:00		12:00		12:00	
%Moisture :	1		13		21		21		21	
pH :	7.0		7.0		7.0		7.0		7.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-HEXANONE	10	U	10	U	12	U	10	U	12	U
DIBROMOCHLOROMETHANE	10	U	10	U	12	U	10	U	12	U
1,2-DIBROMOETHANE	10	U	10	U	12	U	10	U	12	U
CHLOROBENZENE	10	U	10	U	12	U	31		44	
ETHYLBENZENE	10	U	10	U	12	U	10	U	12	U
XYLENES (TOTAL)	10	U	10	U	12	U	10	U	12	U
STYRENE	10	U	10	U	12	U	10	U	12	U
BROMOFORM	10	U	10	U	12	U	10	U	12	U
ISOPROPYLBENZENE	10	U	10	U	12	U	10	U	12	U
1,1,2,2-TETRACHLOROETHANE	10	U	10	U	12	U	10	U	12	U
1,3-DICHLOROBENZENE	10	U	10	U	12	U	10	U	12	U
1,4-DICHLOROBENZENE	10	U	10	U	12	U	10	U	12	U
1,2-DICHLOROBENZENE	10	U	10	U	12	U	10	U	12	U
1,2-DIBROMO-3-CHLOROPROPANE	10	U	10	U	12	U	10	U	12	U
1,2,4-TRICHLOROBENZENE	10	U	10	U	12	U	10	U	12	U

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BX0
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BY3		VBLKCB		VBLKDJ		VBLKGY		VHBLKYG	
Sampling Location :	SOIL 4									
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	5/12/2005									
Time Sampled :	12:45									
% Moisture :	8		N/A		N/A		N/A		0	
pH :	7.0								7.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
DICHLORODIFLUOROMETHANE	10	U	10	UJ	10	U	10	U	10	U
CHLOROMETHANE	10	U	10	UJ	10	U	10	U	10	U
VINYL CHLORIDE	10	U	10	U	10	U	10	U	10	U
BROMOMETHANE	10	U	10	U	10	U	10	U	10	U
CHLOROETHANE	10	U	10	U	10	U	10	U	10	U
TRICHLOROFLUOROMETHANE	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHENE	10	U	10	U	10	U	10	U	10	U
1,1,2-TRICHLORO-1,2,2-TRIFLUORO	10	U	10	U	10	U	10	U	10	U
ACETONE	38	J	4	J	5	J	3	J	4	J
CARBON DISULFIDE	10	U	10	U	10	U	10	U	10	U
METHYL ACETATE	10	U	10	U	10	U	10	U	10	U
METHYLENE CHLORIDE	10	U	10	U	10	U	10	U	10	U
TRANS-1,2-DICHLOROETHENE	10	U	10	U	10	U	10	U	10	U
METHYL TERT-BUTYL ETHER	10	UJ	10	U	10	U	10	UJ	10	UJ
1,1-DICHLOROETHANE	10	U	10	U	10	U	10	U	10	U
CIS-1,2-DICHLOROETHENE	10	U	10	U	10	U	10	U	10	U
2-BUTANONE	6	J	10	U	10	U	10	U	10	U
CHLOROFORM	10	U	10	U	10	U	10	U	10	U
1,1,1-TRICHLOROETHANE	10	U	10	U	10	U	10	U	10	U
CYCLOHEXANE	3	J	10	U	10	U	10	U	10	U
CARBON TETRACHLORIDE	10	U	10	U	10	U	10	U	10	U
BENZENE	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHANE	10	U	10	U	10	U	10	U	10	U
TRICHLOROETHENE	10	U	10	U	10	U	10	U	10	U
METHYLCYCLOHEXANE	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROPROPANE	10	U	10	U	10	U	10	U	10	U
BROMODICHLOROMETHANE	10	U	10	U	10	U	10	U	10	U
CIS-1,3-DICHLOROPROPENE	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	U	10	U	10	U	10	U	10	U
TOLUENE	10	U	10	U	10	U	10	U	3	J
TRANS-1,3-DICHLOROPROPENE	10	U	10	U	10	U	10	U	10	U
1,1,2-TRICHLOROETHANE	10	U	10	U	10	U	10	U	10	U
TETRACHLOROETHENE	10	U	10	U	10	U	10	U	10	U

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Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BX0
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BY3		VBLKCB		VBLKDJ		VBLKGY		VHBLKYG	
Sampling Location :	SOIL 4									
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	5/12/2005									
Time Sampled :	12:45									
%Moisture :	8		N/A		N/A		N/A		0	
pH :	7.0								7.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-HEXANONE	10	U	10	U	10	U	10	U	10	U
DIBROMOCHLOROMETHANE	10	U	10	U	10	U	10	U	10	U
1,2-DIBROMOETHANE	10	U	10	U	10	U	10	U	10	U
CHLOROBENZENE	10	U	10	U	10	U	10	U	10	U
ETHYLBENZENE	10	U	10	U	10	U	10	U	10	U
XYLENES (TOTAL)	10	U	10	U	10	U	10	U	10	U
STYRENE	10	U	10	U	10	U	10	U	10	U
BROMOFORM	10	U	10	U	10	U	10	U	10	U
ISOPROPYLBENZENE	10	U	10	U	10	U	10	U	10	U
1,1,2,2-TETRACHLOROETHANE	10	U	10	U	10	U	10	U	10	U
1,3-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U
1,4-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U
1,2-DIBROMO-3-CHLOROPROPANE	10	U	10	U	10	U	10	U	10	U
1,2,4-TRICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 6/2/05

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IDEM

We have reviewed the data for the following case:

SITE NAME: Braun Seating, IN

CASE NUMBER: 34185 SDG NUMBER: E2BXØ

Number and Type of Samples: 4 soil samples

Sample Numbers: E2BXØ, X1, Y1, Y3

Laboratory: Compu Chem Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

CompuChem
a division of Liberty Analytical Corp.

Sample Delivery Group (SDG)
Cover Sheet

SDG Number E2BX0

Laboratory Name	CompuChem	Laboratory Code	LIBRTY
Contract No.	68W03021	Case No.	34185
Analysis Price	$415.00	SDG Turnaround	21

EPA Sample Numbers in SDG (Listed in Numerical Order)

1)	E2BX0	7)		13)		19)	
2)	E2BX1	8)		14)		20)	
3)	E2BY1	9)		15)		21)	
4)	E2BY3	10)		16)		22)	
5)		11)		17)		23)	
6)		12)		18)		24)	

MS 5/13/05

E2BX0	E2BY3
First Sample in SDG	Last Sample in SDG
5/13/2005	5/13/2005
First Sample Receipt Date	Last Sample Receipt Date

Note: There are a maximum of 20 **field** samples (excluding PE samples in an SDG. Attach TRs to this form in alphanumeric order (the order listed above on this form).

Signature Melissa Steiner Date 05/13/05

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 34185
DAS No:
SDG No: E2BX0

L 62

Date Shipped: 5/12/2005	Chain of Custody Record	Sampler Signature:	For Lab Use Only 68WD3021
Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No: ~~68W01043~~ M.S. 5/13 OS
Airbill: 811417266185	1 5-12-05/6:00AM	5/13/05 10:30	Unit Price: ~~$468.00~~ 415
Shipped to: Liberty Analytical Corporation, 501 Madison Avenue, Cary NC 27513, (919) 379-4100	2		Transfer To:
	3		Lab Contract No:
	4		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2BX0	Soil (0"-12")/ Mark Jaworski	M/G	VOA (21)	5244433 (MEOH), 5244434 (NaHSO4), 5244435 (NaHSO4) (3)	Soil1	S: 5/12/2005 11:14		Good
E2BX1	Soil (0"-12")/ Mark Jaworski	M/G	VOA (21)	5244437 (CH30H), 5244438 (NaHSO4), 5244439 (NaHSO4) (3)	Soil2	S: 5/12/2005 11:14		
E2BY1	Soil (0"-12")/ Mark Jaworski	M/G	VOA (21)	5244452 (CH3OH), 5244453 (NaHSO4), 5244454 (NaHSO4), 5244456 (CH30H), 5244457 (NaHSO4), 5244458 (NaHSO4), 5244460 (CH30H), 5244461 (NaHSO4), 5244462 (NaHSO4) (9)	Soil3	S: 5/12/2005 12:00		
E2BY3	Soil (0"-12")/ Mark Jaworski	M/G	VOA (21)	5244441 (CH30H), 5244442 (NaHSO4), 5244443 (NaHSO4) (3)	Soil4	S: 5/12/2005 12:45		SDG Final Sample

COPY

ORIGINAL DOCUMENTS INCLUDED IN CSF- E2BX0

SIGNATURE _____ DATE 5·17·05

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E2BY1		3.8	185671 / 185672

Analysis Key: VOA = CLP TCL Volatiles

Concentration: L = Low, M = Low/Medium, H = High

Type/Designate: Composite = C, Grab = G

Custody Seal Intact? ✓ Shipment Iced? ✓

TR Number: 5-551068049-051205-0003

LABORATORY COPY

PR provides pr[illegible]inary results. Requests for preliminary results will increase analytical costs.
Send Copy to: [illegible]ple Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone [illegible]264-9348 Fax 703/264-9222

F2V5.

CASE #34185

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 34185
Client No:
SDG No: E2BX0

Date Shipped:	5/12/2005
Carrier Name:	FedEx
Airbill:	811417266185
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: [signature]

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	5-12-05 / 6:00pm	Melissa [signature]	5/13/05 10:30
2			
3			
4			

For Lab Use Only 68W03021
Lab Contract No: ~~68W01043~~ MS Slutes
Unit Price: ~~$468.00~~ 415.00
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
E2BX0	Soil (0"-12")/ Mark Jaworski	M/G	PER_SOL (21)	5244437 (Ice Only) (1)	Soil1	S: 5/12/2005	11:14	Good
E2BX1	Soil (0"-12")/ Mark Jaworski	M/G	PER_SOL (21)	5244440 (Ice Only) (1)	Soil2	S: 5/12/2005	11:14	
E2BY1	Soil (0"-12")/ Mark Jaworski	M/G	PER_SOL (21)	5244455 (Ice Only), 5244459 (Ice Only), 5244463 (Ice Only) (3)	Soil3	S: 5/12/2005	12:00	
E2BY3	Soil (0"-12")/ Mark Jaworski	M/G	PER_SOL (21)	5244444 (Ice Only) (1)	Soil4	S: 5/12/2005	12:45	SDG Final Sample.

COPY
ORIGINAL DOCUMENTS INCLUDED IN CSF- E2BX0
SIGNATURE [signature] DATE 5-17-05

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [signature]	Cooler Temperature Upon Receipt: 3.8	Chain of Custody Seal Number: 185671 / 185672
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ✓ Shipment Iced? ✓

PER_SOL = Percent Solids

TR Number: 5-551068049-051205-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

F2V5

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #: E2BX0
CASE #: 34185

SAMPLE IDENTIFICATIONS: E2BX0, E2BX1, E2BY1, and E2BY3

The samples listed above were received intact, properly refrigerated at a temperature of 3.8° C, in sealed shipping containers, on May 13, 2005. The samples were scheduled for the requested analyses of the volatile fraction. The samples were prepared and analyzed following the current EPA Contract Laboratory Program (CLP) Low Concentration Statement of Work (SOW), Document OLM04.3. All pertinent Quality Assurance Notices are included in the narrative section, and all pertinent Laboratory Notices for this SDG are included in the sample data sections.

Analysis holding time requirements were met for most of these samples. E2BY3 had surrogate standard failing in the initial analysis, but it was noticed only after the holding time was up. The sample was re-analyzed (outside of holding time) and met all QC criteria. Only the results of the re-analysis are being reported. Multiple volatile Target compound List (TCL) analytes were identified above the Contract Required Quantitation Limit (CRQL) in at least one of these samples. Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall, all QC criteria were met for all initial and continuing calibration standards associated to this SDG. All of these samples met method criteria for the deuterated monitoring compounds. All of the internal standards met response and retention time criteria in the analyses of these samples. The associated method blanks met all quality control criteria. E2BY1 was run as a duplicate matrix spike (MS/MSD) and met all quality control criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Ronald E Fertile
Volatile Lab Supervisor
June 01, 2005

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0.53	0.5	30
J & W	DB-608	0.53	0.83	30
Restek	CLPesticides	0.53	0.5	30
Restek	CLPesticides II	0.53	0.42	30
GC Volatiles Laboratory				
Restek	RTX-1	0.53	0.5	105
Restek	RTX-502.2	0.53	0.5	105
GC/MS Volatiles Laboratory				
J & W	DB-624	0.53	3.0	30/75
J & W	DB-624	0.25	1.4	60
J & W	DB-624	0.32	1.8	60
Restek	RTX-624	0.32	1.8	60
Restek	RTX-VMS*	0.18	1.0	20
Supelco	SPB-624	0.32	1.4	60
Supelco	Equity™-624	0.53	3.0	75
Zebron	ZB-624	0.32	1.8	60
GC/MS Semivolatiles Laboratory				
Restek	RTX-5MS	0.25	0.25	30
Restek	RTX-5MS	0.32	0.25	30
HPLC Laboratory				
Supelco	Supelcosil LC-PAH	4.6	5.0	15 cm
Supelco	Discovery RP Amide C16	4.6	5.0	25 cm
Restek	Pinnacle Cyano	4.6	5.0	25 cm
Restek	Allure C18	4.6	5.0	25 cm

*Note: The RTX-VMS column is currently not used for EPA CLP analyses.

TRAPS

GC and GC/MS Volatiles Laboratory	
Tekmar 3	* 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Tekmar 5	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Supelco K (Vocarb3000)	* 10 cm of Carbopack B (Graphitized Carbons) * 6 cm of Carboxen 1000 (Carbon molecular sieves) * 1 cm of Carboxen 1001 (Carbon molecular sieves)

CompuChem

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CompuChem's Pagination Convention

As required by the current EPA CLP Statement of Work (SOW) documents, data to be delivered must be paginated (by machine or hand). In the event that the initial numbering is incorrect (a page numbered twice or a page skipped, for example), it is CompuChem's policy to add in an alphabetic suffix to a page number when necessary (e.g., 100A, 100B, etc.).

CompuChem

a division of Liberty Analytical Corporation

Notification Regarding Manual Editing/Integration Flags

In some instances, manual adjustments to the software output are necessary to provide accurate data. These manual integrations are performed by the data reviewers, GC/MS operators, or GC chemists. An Extracted Ion Current Profile (EICP) or a GC chromatographic peak has been provided for the manual integration performed on each compound to demonstrate the accuracy of that process. The manual integrations are flagged on the quantitation report in the far right column beyond the FINAL concentration for GC/MS analysis, and in the "Flags" column for GC analysis. The manual editing/integration flags are:

M - Denotes that a manual integration has been performed for this compound. The manual integration was performed in order to provide the most accurate area count possible for the peak.

H - Denotes that the data reviewer, GC/MS operator, or GC Chemist has chosen an alternate peak within the retention time window from that chosen by the software for that compound. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

MH - Denotes that an alternate peak has been chosen within the retention time window from that chosen by the software for that compound and also a manual integration of the chosen peak has been performed. The manual integration was performed in order to provide the most accurate area count possible for the peak.

L - Denotes that a data reviewer or GC/MS operator has selected an alternate library search. This is typically done when an additional tentatively identified compound (TIC) has been added to the number of peaks searched. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

ML - Denotes that an alternate library search has been selected and a manual integration has also been performed. This is typically done when an additional TIC has been added and the TIC peak also required a manual integration.

The EPA CLP SOW documents require additional explanations for manual editing/integration. In the accompanying raw data packages, additional codes have been applied to the "M" flag and carry the following meanings;

M1 - The compound was not found by the automatic integration routine.

M2 - The compound was incorrectly integrated by the automatic integration routine.

M3 - The co-eluting compounds were incorrectly integrated by the automatic integration routine.

These codes will appear in the GC/MS and GC data packages.

Robert E. Meierer

Robert E. Meierer
Vice President

DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below:

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1.0 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 µg/L, but a concentration of 3 µg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search. For generic characterization of a TIC such as 'chlorinated hydrocarbon', the N flag is not used.

P : In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the higher of the two values is reported and flagged with a P. When the RPD is equal to or less than 40%, our policy is to also report the higher of the two values, although the choice could be a project specific issue. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution. Results are still flagged with a P if the RPD between columns is greater than 40%.

DATA REPORTING QUALIFIERS (continued)

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i.e. the results from both analyses <u>are not combined</u> on a single Form I.

A : This flag indicates that a TIC is a suspected aldol-condensation product.

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y and Z.

ALKANE NARRATIVE REPORT
Report date : 06/01/2005
SDG: E2BX0

Client Sample ID: E2BX0 Lab Sample ID: 658201 File ID: 658201A73

Compound	RT	Est. Conc.	Q
Straight-Chain Alkane	4.12	22	J
Straight-Chain Alkane	4.41	21	J
Branched Alkane	5.37	23	J
Straight-Chain Alkane	5.80	23	J
Branched Alkane	7.11	12	J
Branched Alkane	7.43	7	J
Straight-Chain Alkane	7.76	12	J
Straight-Chain Alkane	9.65	6	J
Straight-Chain Alkane	14.04	100	J

Client Sample ID: E2BX1 Lab Sample ID: 658202 File ID: 658202A73

Compound	RT	Est. Conc.	Q
Straight-Chain Alkane	4.13	46	J
Straight-Chain Alkane	4.41	43	J
Branched Alkane	5.37	30	J
Straight-Chain Alkane	5.79	30	J
Branched Alkane	7.10	16	J
Straight-Chain Alkane	7.76	17	J
Straight-Chain Alkane	9.65	7	J

Client Sample ID: E2BY3 Lab Sample ID: 658204 File ID: 658204R2A73

Compound	RT	Est. Conc.	Q
Straight-Chain Alkane	4.14	16	J
Straight-Chain Alkane	4.43	16	J
Branched Alkane	5.38	15	J
Straight-Chain Alkane	5.81	13	J
Branched Alkane	7.13	9	J
Straight-Chain Alkane	7.78	9	J

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Level:(low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	VBLKCE	96	96	104		0
02	E2BX0	100	100	112		0
03	E2BX1	96	96	108		0
04	E2BY1MS	90	96	114		0
05	E2BY1MSD	97	98	113		0
06	VBLKDJ	96	94	100		0
07	E2BY1	97	95	103		0
08	VBLKGY	94	94	102		0
09	E2BY3	92	96	92		0
10	VHBLKYG	92	96	86		0
11						
12						
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		QC LIMITS
SMC1 (TOL)	= Toluene-d8	(84-138)
SMC2 (BFB)	= Bromofluorobenzene	(59-113)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

3B
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix Spike - EPA Sample No.: E2BY1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	60	120	59-172
Trichloroethene	50	0	42	84	62-137
Benzene	50	0	40	80	66-142
Toluene	50	0	35	70	59-139
Chlorobenzene	50	0	31	62	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	60	74	123	2	22	59-172
Trichloroethene	60	56	93	10	24	62-137
Benzene	60	53	88	10	21	66-142
Toluene	60	48	80	13	21	59-139
Chlorobenzene	60	44	73	16	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKCB

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Lab File ID: 69036A73 Lab Sample ID: 69036

Date Analyzed: 05/21/05 Time Analyzed: 0920

GC Column: EQUITY624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5972HP73

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E2BX0	658201	658201A73	1542
02	E2BX1	658202	658202A73	1610
03	E2BY1MS	69052	69052A73	1707
04	E2BY1MSD	69053	69053A73	1735
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKDJ

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Lab File ID: 69163B73 Lab Sample ID: 69163

Date Analyzed: 05/21/05 Time Analyzed: 2125

GC Column: EQUITY624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5972HP73

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E2BY1	658203	658203RB73	2329
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGY

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Lab File ID: 69726A73 Lab Sample ID: 69726

Date Analyzed: 05/24/05 Time Analyzed: 1224

GC Column: EQUITY624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5972HP73

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E2BY3	658204	658204R2A73	2116
02	VHBLKYG	658205	658205A73	2240
03				
04				
05				
06				
07				
08				
09				
10				
11				
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BX0

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658201

Sample wt/vol: 5.81(g/mL) G Lab File ID: 658201A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 1 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	57	B
75-15-0	Carbon Disulfide	4	J
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	7	J
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	3	J
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BX0

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658201

Sample wt/vol: 5.81(g/mL) G Lab File ID: 658201A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 1 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	3	J
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX0

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658201

Sample wt/vol: 5.81(g/mL) G Lab File ID: 658201A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 1 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.76	34	J
2.	UNKNOWN	6.53	9	J
3.	UNKNOWN	8.55	9	J
4.	UNKNOWN	10.33	7	J
5.	UNKNOWN	11.61	28	J
6.				
7.				
8.				
9.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BX1

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658202

Sample wt/vol: 5.96(g/mL) G Lab File ID: 658202A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 13 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	87	B
75-15-0	Carbon Disulfide	3	J
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	12	
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	4	J
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BX1

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658202

Sample wt/vol: 5.96(g/mL) G Lab File ID: 658202A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 13 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	3	J
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX1

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658202

Sample wt/vol: 5.96(g/mL) G Lab File ID: 658202A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 13 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.76	73	J
2.	UNKNOWN	3.81	19	J
3.	UNKNOWN	4.72	22	J
4.	UNKNOWN	6.52	13	J
5.	UNKNOWN	7.23	7	J
6.	UNKNOWN	7.43	8	J
7.	UNKNOWN	8.54	16	J
8. 110-62-3	PENTANAL	10.32	15	NJ
9. 66-25-1	HEXANAL	11.60	47	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY1

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658203

Sample wt/vol: 5.42(g/mL) G Lab File ID: 658203RB73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	100	B
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	8	J
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY1

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658203

Sample wt/vol: 5.42(g/mL) G Lab File ID: 658203RB73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BY1

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658203

Sample wt/vol: 5.42(g/mL) G Lab File ID: 658203RB73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.65	11	J
2.	UNKNOWN	4.53	16	J
3.	UNKNOWN	6.32	12	J
4. 123-72-8	BUTANAL	8.32	6	NJ
5.	UNKNOWN	10.02	9	J
6. 66-25-1	HEXANAL	11.25	45	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY1MS

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69052

Sample wt/vol: 6.34(g/mL) G Lab File ID: 69052A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	3	J
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	60	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	120	B
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	150	
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	9	J
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	40	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY1MS

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69052

Sample wt/vol: 6.34(g/mL) G Lab File ID: 69052A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	42	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	35	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	31	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY1MSD

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69053

Sample wt/vol: 5.25(g/mL) G Lab File ID: 69053A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	2	J
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	74	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	100	B
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	210	
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	9	J
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	53	
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY1MSD

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69053

Sample wt/vol: 5.25(g/mL) G Lab File ID: 69053A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 21 Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	56	
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	48	
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	44	
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY3

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658204

Sample wt/vol: 5.20(g/mL) G Lab File ID: 658204R2A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 8 Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	38	B
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	6	J
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	3	J
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E2BY3

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658204

Sample wt/vol: 5.20(g/mL) G Lab File ID: 658204R2A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 8 Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BY3

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658204

Sample wt/vol: 5.20(g/mL) G Lab File ID: 658204R2A73

Level: (low/med) LOW Date Received: 05/13/05

% Moisture: not dec. 8 Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.78	33	JB
2.	UNKNOWN	4.74	14	J
3.	UNKNOWN	6.54	8	J
4.	UNKNOWN	8.56	15	J
5.	UNKNOWN	10.33	13	J
6. 66-25-1	HEXANAL	11.62	33	NJ
7.	LABORATORY ARTIFACT	12.76	5	J
8.				
9.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKCB

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69036

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69036A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKCB

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69036

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69036A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKCB

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69036

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69036A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.65	17	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
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FORM I VOA-TIC OLM04.2

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKDJ

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69163

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69163B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKDJ

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69163

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69163B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKDJ

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69163

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69163B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/21/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.51	18	J
2.				
3.				
4.				
5.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGY

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69726

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69726A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGY

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69726

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69726A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKGY

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 69726

Sample wt/vol: 5.0(g/mL) G Lab File ID: 69726A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.68	17	J
2.				
3.				
4.				
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FORM I VOA-TIC OLM04.2

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLKYG

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658205

Sample wt/vol: 5.0(g/mL) G Lab File ID: 658205A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	4	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLKYG

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658205

Sample wt/vol: 5.0(g/mL) G Lab File ID: 658205A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLKYG

Lab Name: COMPUCHEM Contract: 68W03021

Lab Code: LIBRTY Case No.: 34185 SAS No.: SDG No.: E2BX0

Matrix: (soil/water) SOIL Lab Sample ID: 658205

Sample wt/vol: 5.0(g/mL) G Lab File ID: 658205A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/24/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.51	7	J
2.				
3.				
4.				
5.				
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E2BXØ CERCLIS No: TBD, IN

Case No: 34185 Site Name/Location: Braun Seating

Contractor or EPA Lab: CompuChem Data User: IDEM

No. of Samples: 4 Date Sampled or Date Received: 6/2/05

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No ____
No of samples claimed: ____ No. of samples received: ____

Received by: Michelle Davis Date: 6/2/05

Received by LSSS: Michelle Davis Date: 6/2/05

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: ____ Date: ____

Mailed to user by: James D. Burden Date: 6-9-05

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Date: ____

DATE: June 7, 2005

Indiana Dept of Environmental Management
Office of Environmental/Site Investigation Section
P.O. Box 6015
100 N. Senate Avenue
Indianapolis, IN 46206-6015

ATTN: Mark Jaworski

SITE NAME: Braun Seating, IN

CASE NO.	LAB	NO. OF SAMPLES	SDG	MATRIX
34185	Compuchem	14	E2BW7	Water

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: U.S. EPA
Region 5
Central Regional Laboratory
536 S. Clark, 10th Floor
CHICAGO, IL 60605

RECEIVED
JUN 13 2005
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

Sent By: James Burden, Chemist - ESAT Region 5 / ALION Science & Technology

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: **Electronic (Level 2) Review of Data**

Received for Review on: May 31, 2005

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IDEM

The following data has been electronically reviewed by CADRE. No review of the raw data, laboratory narrative, laboratory forms or chain-of-custody forms was performed.

SITE Name: Braun Seating (IN)

Case Number: 34185 SDG Number: E2BW7

Number and Type of Samples: 14 (waters)

Sample Numbers: E2BW7 through EW2BW9, E2BX2 through E2BX9, E2BY0, E2BY4 and E2BY5

Laboratory: CompuChem Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

RECEIVED
JUN 13 2005
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

Case Number: 34185
Site Name: Braun Seating (IN)

SDG Number: E2BW7
Laboratory: CompuChem

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Fourteen (14) water samples labeled E2BW7 through EW2BW9, E2BX2 through E2BX9, E2BY0, E2BY4 and E2BY5, were collected on May 12, 2005. The lab received the samples on May 13, 2005 in good condition. All samples were analyzed for only the volatile list of organic analytes. All samples were analyzed according to CLP SOW OLCO3.2.

Case Number: 34185
Site Name: Braun Seating (IN)

SDG Number: E2BW7
Laboratory: CompuChem

1. HOLDING TIME

No defects found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No defects found.

3. CALIBRATION

Qualification: Calibrations **Protocol: VOA**

DC-7 The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "UJ".

1, 1-Dichloroethene, 1, 1, 2-Trichloro-1, 2, 2-trifluoroethane, Methyl Acetate, Methylene Chloride, cis-1, 2-Dichloroethene
E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX3, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9, E2BY0, E2BY4, E2BY5, VBLKBW, VBLKYD, VHBLKYF

DC-8 The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Trichlorofluoromethane
E2BX9, E2BY0, E2BY4, E2BY5, VBLKBW, VHBLKYF

Methylene Chloride
E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX3, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9, E2BY0, E2BY4, E2BY5, VBLKBW, VBLKYD, VHBLKYF

DC-21 The following volatile samples are associated with an initial calibration in which a SMC/DMC did not meet relative response factor (RRF) criteria. Use professional judgement to qualify sample data.

E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX3, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9, E2BY0, E2BY4, E2BY5, VBLKBW, VBLKYD, VHBLKYF

4. BLANKS

DC-19 The following volatile samples are associated with a contaminated storage blank. Hits are qualified "J" and non-detects are not flagged.

Dichlorodifluoromethane
E2BX2MS, E2BX2MSD

Acetone
E2BW7, E2BX2, E2BX2MSD, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9, E2BY0, E2BY5

Methylene Chloride
E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9

Trichloroethene
E2BW7, E2BX2, E2BX2MS, E2BX2MSD

DC-21 The following volatile samples have analyte concentrations reported below the CRQL. The associated method blank concentration is less than the concentration criteria. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" and non-detects are not flagged.

Acetone
E2BW7, E2BX2, E2BX2MSD, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9, E2BY0, E2BY5

Carbon Disulfide
E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX3, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8

Methylene Chloride
E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

No defects found.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

No defects found.

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as trip blanks, field blanks or field duplicates. Results are not qualified based upon the results of the field blanks or field duplicates.

8. INTERNAL STANDARDS

No defects found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA and Pesticide/PCB compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

Qualification: Detection Limit **Protocol: VOA**

DC-1 The following volatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E2BW7, E2BX2
Trichloroethene

E2BX2MS
Dichlorodifluoromethane, Chloromethane, Trichlorofluoromethane

E2BX2MSD
Dichlorodifluoromethane, Chloromethane, Carbon Disulfide

E2BX8, E2BX9
Cyclohexane, Benzene, Ethylbenzene, Xylenes (total)

E2BY0
Cyclohexane, Benzene, Toluene, Ethylbenzene

VBLKBW
Acetone, Methylene Chloride

VBLKYD
Acetone, Carbon Disulfide, Methylene Chloride

VHBLKYF
Dichlorodifluoromethane, Acetone, Methylene Chloride, Trichloroethene, Tetrachloroethene, 1, 4-Dichlorobenzene

Case Number: 34185
Site Name: Braun Seating (IN)

SDG Number: E2BW7
Laboratory: CompuChem

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

12. ADDITIONAL INFORMATION

Qualification: CADRE Reserved **Protocol: VOA**

DC-2 Verification of non-detected results and assignment of "U" qualifier when the reported value is less than CRQL.

E2BW7, E2BW8, E2BW9, E2BX2, E2BX2MS, E2BX2MSD, E2BX3, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BX9, E2BY0, E2BY4, E2BY5, VBLKBW, VBLKYD, VHBLKYF

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 14

Sample Number :	E2BW7		E2BW8		E2BW9		E2BX2		E2BX2MS	
Sampling Location :	GW1		GW2		GW3		GW5		GW5	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	10:40		10:40		10:40		11:05		11:05	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.46	J
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.26	J
Vinyl Chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.10	J
1,1-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Acetone	5.0	UJ	5.0	U	5.0	U	5.0	UJ	5.0	U
Carbon Disulfide	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Methyl Acetate	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Methylene Chloride	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl tert-Butyl Ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon Tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	0.50	U	0.50	U	0.50	U	5.1	
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	0.13	J	0.50	U	0.50	U	0.12	J	5.1	
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	0.50	U	0.50	U	0.50	U	0.50	U	4.8	
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

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Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BW7		E2BW8		E2BW9		E2BX2		E2BX2MS	
Sampling Location :	GW1		GW2		GW3		GW5		GW5	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	10:40		10:40		10:40		11:05		11:05	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	4.8	
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Xylenes (total)	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BX2MSD		E2BX3		E2BX4		E2BX5		E2BX6	
Sampling Location :	GW5		GW8		GW9		GW10		GW11	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	11:05		12:05		12:25		12:45		13:10	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.44	J	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.30	J	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl Chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	5.2	J	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Acetone	5.0	UJ	5.0	U	5.0	UJ	5.0	UJ	5.0	UJ
Carbon Disulfide	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Methyl Acetate	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Methylene Chloride	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl tert-Butyl Ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.3	
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon Tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	5.3		0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	5.0	J	0.50	U	0.50	U	0.50	U	0.50	U
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	4.9		0.50	U	0.50	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

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Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BX2MSD		E2BX3		E2BX4		E2BX5		E2BX6	
Sampling Location :	GW5		GW8		GW9		GW10		GW11	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	11:05		12:05		12:25		12:45		13:10	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	5.0		0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Xylenes (total)	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BX7		E2BX8		E2BX9		E2BY0		E2BY4	
Sampling Location :	GW4		GW6		GW7		GW14		GW13	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	11:05		11:45		12:30		14:00		13:50	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl Chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Trichlorofluoromethane	0.50	U	0.50	U	0.50	UJ	0.50	UJ	0.50	UJ
1,1-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Acetone	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
Carbon Disulfide	0.50	UJ	0.50	UJ	0.50	U	0.50	U	0.50	U
Methyl Acetate	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
Methylene Chloride	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl tert-Butyl Ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	0.41	J	0.33	J	0.24	J	0.50	U
Carbon Tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	0.27	J	0.23	J	0.25	J	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	0.50	U	0.54		0.53		0.36	J	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BX7		E2BX8		E2BX9		E2BY0		E2BY4	
Sampling Location :	GW4		GW6		GW7		GW14		GW13	
Matrix :	Water		Water		Water		Water		Water	
Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	5/12/2005		5/12/2005		5/12/2005		5/12/2005		5/12/2005	
Time Sampled :	11:05		11:45		12:30		14:00		13:50	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	0.16	J	0.16	J	0.12	J	0.50	U
Xylenes (total)	0.50	U	0.25	J	0.25	J	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BY5		VBLKBW		VBLKYD		VHBLKYF			
Sampling Location :	GW12									
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :	5/12/2005									
Time Sampled :	12:15									
%Moisture :	N/A		N/A		N/A		N/A			
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.18	J		
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Vinyl Chloride	0.50	U	0.50	U	0.50	U	0.50	U		
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichlorofluoromethane	0.50	UJ	0.50	UJ	0.50	U	0.50	UJ		
1,1-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ		
Acetone	5.0	UJ	3.8	J	2.8	J	3.2	J		
Carbon Disulfide	0.50	U	0.50	U	0.10	J	0.50	U		
Methyl Acetate	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ		
Methylene Chloride	0.50	UJ	0.20	J	0.19	J	0.21	J		
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl tert-Butyl Ether	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,2-Dichloroethene	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ		
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U		
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
Carbon Tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U		
Benzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichloroethene	0.50	U	0.50	U	0.50	U	0.12	J		
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U		
Toluene	0.50	U	0.50	U	0.50	U	0.50	U		
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 34185 SDG : E2BW7
Site : BRAUN SEATING
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	E2BY5		VBLKBW		VBLKYD		VHBLKYF			
Sampling Location :	GW12									
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :	5/12/2005									
Time Sampled :	12:15									
%Moisture :	N/A		N/A		N/A		N/A			
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.10	J		
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U		
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
Xylenes (total)	0.50	U	0.50	U	0.50	U	0.50	U		
Styrene	0.50	U	0.50	U	0.50	U	0.50	U		
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U		
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.11	J		
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		

MAY 3 1 2005

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 5/31/05

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IDEM

We have reviewed the data for the following case:

SITE NAME: Braun Seating IN

CASE NUMBER: 34185 SDG NUMBER: E2BW7

Number and Type of Samples: 14 water samples

Sample Numbers: E2BW7-W9, X2-X9, Y0, Y4, Y5

Laboratory: Compulchem Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 34185
DAS No:
SDG No: E2BW7

L

Date Shipped:	5/12/2005
Carrier Name:	FedEx
Airbill:	811417266174
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1	5-12-05/6:00pm		5/13/05 10:30
2			
3			
4			

For Lab Use Only

Lab Contract No: 68W01043
Unit Price: $468.00
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2BW7	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244420 (HCL) (1)	GW1	S: 5/12/2005 10:40		Good
E2BW8	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244421 (HCL) (1)	GW2	S: 5/12/2005 10:40		
E2BW9	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244422 (HCL) (1)	GW3	S: 5/12/2005 10:40		
E2BX2	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244424 (HCL), 5244425 (HCL), 5244426 (HCL) (3)	GW5	S: 5/12/2005 11:05		
E2BX3	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244429 (HCL) (1)	GW8	S: 5/12/2005 12:05		
E2BX4	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244430 (HCL) (1)	GW9	S: 5/12/2005 12:25		
E2BX5	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244431 (HCL) (1)	GW10	S: 5/12/2005 12:45		
E2BX6	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244432 (HCL) (1)	GW11	S: 5/12/2005 13:10		
E2BX7	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244423 (HCL) (1)	GW4	S: 5/12/2005 11:05		
E2BX8	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244427 (HCL) (1)	GW6	S: 5/12/2005 11:45		

COPY

ORIGINAL DOCUMENTS INCLUDED IN CSF- E2BW7

SIGNATURE _____ DATE 5/17/05

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E2BX2		7.1	185699 / 185700

Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G

Custody Seal Intact? ✓ Shipment Iced? ✓

VOA = CLP TCL Volatiles

TR Number: 5-551068049-051205-0001

LABORATORY COPY

PR provides prelim ry results. Requests for preliminary results will increase analytical costs.
Send Copy to: S Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191 3400 Phone 7 [redacted] Fax 703/264-92[redacted]

F2V5.1

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 34185
DAS No:
SDG No: E2BW7

L 13

Date Shipped:	5/12/2005
Carrier Name:	FedEx
Airbill:	811417266174
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Mark Jaworski	5-12-05/6:00PM	Melissa Stone	5/13/05 10:30
2			
3			
4			

Sampler Signature:

For Lab Use Only

Lab Contract No: 68W01043
Unit Price: $ 468.00
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2BX9	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244428 (HCL) (1)	GW7	S: 5/12/2005	12:30		Good
E2BY0	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244451 (HCL) (1)	GW14	S: 5/12/2005	14:00		
E2BY4	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244446 (HCL) (1)	GW13	S: 5/12/2005	13:50		
E2BY5	Ground Water/ Mark Jaworski	L/G	VOA (21)	5244445 (HCL) (1)	GW12	S: 5/12/2005	12:15	SDG Field Sample.	

COPY

ORIGINAL DOCUMENTS INCLUDED IN CSF- E2BW7

SIGNATURE [signature] DATE 5-17-05

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E2BX2	[signature]	7.1	185699 / 185700
Analysis Key: VOA = CLP TCL Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ✓ Shipment Iced? ✓

TR Number: 5-551068049-051205-0001

LABORATORY COPY

PR provides pr[illegible]ary results. Requests for preliminary results will increase analytical costs.
Send Copy to: [illegible]ple Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone [illegible]264-9348 Fax 703/264-9222

F2V5.

CompuChem
a division of Liberty Analytical Corp.

ORIGINAL

Sample Delivery Group (SDG)
Cover Sheet

SDG Number E2BW7

Laboratory Name	CompuChem	Laboratory Code	LIBRTY
Contract No.	68W01043	Case No.	34185
Analysis Price	$415.00	SDG Turnaround	21

EPA Sample Numbers in SDG (Listed in Numerical Order)

1)	E2BW7	7)	E2BX5	13)	E2BY4	~~19)~~	
2)	E2BW8	8)	E2BX6	14)	E2BY5	20)	
3)	E2BW9	9)	E2BX7	15)		~~21)~~	
4)	E2BX2	10)	E2BX8	16)	MS 5/13/05	~~22)~~	
5)	E2BX3	11)	E2BX9	17)		23)	
6)	E2BX4	12)	E2BY0	~~18)~~		~~24)~~	

E2BW7	E2BY5
First Sample in SDG	Last Sample in SDG
5/13/2005	5/13/2005
First Sample Receipt Date	Last Sample Receipt Date

Note: There are a maximum of 20 **field** samples (excluding PE samples in an SDG. Attach TRs to this form in alphanumeric order (the order listed above on this form).

Signature Melissa Steiner Date 05/13/05

11

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE

CASE # 34185
SDG # E2BW7
CONTRACT # 68W01043

SAMPLE IDENTIFICATIONS: E2BW7, E2BW8, E2BW9, E2BX2, E2BX3, E2BX4, E2BX5, E2BX6, E2BX7, E2BX8, E2BW9, E2BY0, E2BY4, E2BY5 and VHBLKYF.

The 15 water samples listed above were received intact, properly refrigerated at a temperature of 7.1°C, in sealed shipping containers, on May 13, 2005. The samples were scheduled for the requested analyses of the volatile fraction. The samples were prepared and analyzed following the current EPA Contract Laboratory Program (CLP) Low Concentration Statement of Work (SOW), Document OLC03.2. All pertinent Quality Assurance Notices are included in the narrative section, and all pertinent Laboratory Notices for Case # 34185, SDG E2BW7 are included in the sample data sections.

Analysis holding time requirements were met for all of these samples. pH values have been tabulated on the run log copies in the standards portion of the report. There were Target Compound List (TCL) analytes identified above the Contract Required Quantitation Limit (CRQL) in some of these samples. Tentatively Identified Compounds (TICs) were found in these samples.

In a response to a Statement of Work Interpretation, Terry Smith, Program Manager for the Organic Contract Laboratory Program, stated that if the mass spectral interpretation specialist determines the TICs to be laboratory artifacts, there is no need to report them. However, all TICs not reported due to a mass spectral interpretation specialist's assessment should be noted in the SDG Narrative.

There are four laboratory artifacts not reported on the Form I LCFs. Their approximate retention times and origin are as follows;

3.86 min.	methanol-d4; the solvent in which the DMCs are received from the supplier
4.90 min	unknown
10.83 min.	cis-1,3-dichloropropene-d4; extra compound in DMC mix
16.09 min	unknown

These are present in all standards, blanks and samples.

All bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG. All of the samples in this SDG met QC criteria for the recovery of the deuterated monitoring compounds. All of the internal standards met response and retention time criteria in the analyses of these samples. The associated method blanks met all quality control criteria. E2BW2 was used as the original to prepare the duplicate matrix spikes as requested. The associated duplicate matrix spikes met all advisory accuracy and precision criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kenneth Grzybowski
Analyst II
May 27, 2005

ALKANE NARRATIVE REPORT
Report date : 05/27/2005
SDG: E2BW7

Client Sample ID: E2BX8 Lab Sample ID: 657910 File ID: 657910A73

Compound	RT	Est. Conc.	Q
Straight-Chain Alkane	3.75	3.3	J
Branched Alkane	5.36	1.7	J
Straight-Chain Alkane	5.78	1.3	J
Branched Alkane	7.10	0.57	J

Client Sample ID: E2BX9 Lab Sample ID: 657911 File ID: 657911RA73

Compound	RT	Est. Conc.	Q
Branched Alkane	3.74	4.5	J
Branched Alkane	4.11	2.6	J
Branched Alkane	4.39	5.0	J
Branched Alkane	5.35	3.6	J
Branched Alkane	5.78	2.5	J
Branched Alkane	7.09	0.81	J
Branched Alkane	7.74	0.58	J

Client Sample ID: E2BY0 Lab Sample ID: 657912 File ID: 657912A73

Compound	RT	Est. Conc.	Q
Branched Alkane	3.75	4.3	J
Branched Alkane	4.11	2.5	J
Branched Alkane	4.40	7.1	J
Branched Alkane	5.35	3.9	J
Branched Alkane	5.77	3.0	J
Branched Alkane	7.08	0.51	J

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0.53	0.5	30
J & W	DB-608	0.53	0.83	30
Restek	CLPesticides	0.53	0.5	30
Restek	CLPesticides II	0.53	0.42	30
GC Volatiles Laboratory				
Restek	RTX-1	0.53	0.5	105
Restek	RTX-502.2	0.53	0.5	105
GC/MS Volatiles Laboratory				
J & W	DB-624	0.53	3.0	30/75
J & W	DB-624	0.25	1.4	60
J & W	DB-624	0.32	1.8	60
Restek	RTX-624	0.32	1.8	60
Restek	RTX-VMS*	0.18	1.0	20
Supelco	SPB-624	0.32	1.4	60
Supelco	Equity™-624	0.53	3.0	75
Zebron	ZB-624	0.32	1.8	60
GC/MS Semivolatiles Laboratory				
Restek	RTX-5MS	0.25	0.25	30
Restek	RTX-5MS	0.32	0.25	30
HPLC Laboratory				
Supelco	Supelcosil LC-PAH	4.6	5.0	15 cm
Supelco	Discovery RP Amide C16	4.6	5.0	25 cm
Restek	Pinnacle Cyano	4.6	5.0	25 cm
Restek	Allure C18	4.6	5.0	25 cm

*Note: The RTX-VMS column is currently not used for EPA CLP analyses.

TRAPS

GC and GC/MS Volatiles Laboratory	
Tekmar 3	* 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Tekmar 5	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Supelco K (Vocarb3000)	* 10 cm of Carbopack B (Graphitized Carbons) * 6 cm of Carboxen 1000 (Carbon molecular sieves) * 1 cm of Carboxen 1001 (Carbon molecular sieves)

CompuChem

a division of Liberty Analytical Corporation

CompuChem's Pagination Convention

As required by the current EPA CLP Statement of Work (SOW) documents, data to be delivered must be paginated (by machine or hand). In the event that the initial numbering is incorrect (a page numbered twice or a page skipped, for example), it is CompuChem's policy to add in an alphabetic suffix to a page number when necessary (e.g., 100A, 100B, etc.).

Notification Regarding Manual Editing/Integration Flags

In some instances, manual adjustments to the software output are necessary to provide accurate data. These manual integrations are performed by the data reviewers, GC/MS operators, or GC chemists. An Extracted Ion Current Profile (EICP) or a GC chromatographic peak has been provided for the manual integration performed on each compound to demonstrate the accuracy of that process. The manual integrations are flagged on the quantitation report in the far right column beyond the FINAL concentration for GC/MS analysis, and in the "Flags" column for GC analysis. The manual editing/integration flags are:

M - Denotes that a manual integration has been performed for this compound. The manual integration was performed in order to provide the most accurate area count possible for the peak.

H - Denotes that the data reviewer, GC/MS operator, or GC Chemist has chosen an alternate peak within the retention time window from that chosen by the software for that compound. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

MH - Denotes that an alternate peak has been chosen within the retention time window from that chosen by the software for that compound and also a manual integration of the chosen peak has been performed. The manual integration was performed in order to provide the most accurate area count possible for the peak.

L - Denotes that a data reviewer or GC/MS operator has selected an alternate library search. This is typically done when an additional tentatively identified compound (TIC) has been added to the number of peaks searched. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

ML - Denotes that an alternate library search has been selected and a manual integration has also been performed. This is typically done when an additional TIC has been added and the TIC peak also required a manual integration.

The EPA CLP SOW documents require additional explanations for manual editing/integration. In the accompanying raw data packages, additional codes have been applied to the "M" flag and carry the following meanings;

M1 - The compound was not found by the automatic integration routine.

M2 - The compound was incorrectly integrated by the automatic integration routine.

M3 - The co-eluting compounds were incorrectly integrated by the automatic integration routine.

These codes will appear in the GC/MS and GC data packages.

Robert E. Meierer

Robert E. Meierer
Vice President

DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below:

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1.0 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 µg/L, but a concentration of 3 µg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search. For generic characterization of a TIC such as 'chlorinated hydrocarbon', the N flag is not used.

P : In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the higher of the two values is reported and flagged with a P. When the RPD is equal to or less than 40%, our policy is to also report the higher of the two values, although the choice could be a project specific issue. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution. Results are still flagged with a P if the RPD between columns is greater than 40%.

DATA REPORTING QUALIFIERS (continued)

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i.e. the results from both analyses <u>are not combined</u> on a single Form I.

A : This flag indicates that a TIC is a suspected aldol-condensation product.

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y and Z.

2LCA

LOW CONCENTRATION WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLKYD	90	114	72	96	96	100	98
02	E2BW7	100	112	74	102	104	116	100
03	E2BW8	90	114	72	104	104	112	92
04	E2BW9	94	106	70	110	100	112	94
05	E2BX2	96	112	72	110	104	114	94
06	E2BX2MS	104	112	100	98	102	116	98
07	E2BX2MSD	100	108	106	94	104	112	98
08	E2BX3	92	106	70	94	98	108	92
09	E2BX4	100	110	70	96	100	106	94
10	E2BX5	88	106	72	102	106	116	98
11	E2BX6	120	118	68	100	104	116	98
12	E2BX7	90	118	72	106	106	118	96
13	E2BX8	106	114	76	104	108	126	100
14	VBLKBW	100	110	74	98	100	104	102
15	E2BX9	100	110	72	78	98	96	104
16	E2BY0	96	108	72	114	104	114	102
17	E2BY4	88	112	70	112	104	120	98
18	E2BY5	100	112	72	94	104	108	104
19	VHBLKYF	92	102	70	104	100	112	98
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

			QC LIMITS
VDMC1	(VCL)	= Vinyl Chloride-d3	(49-138)
VDMC2	(CLA)	= Chloroethane-d5	(60-126)
VDMC3	(DCE)	= 1,1-Dichloroethene-d2	(65-130)
VDMC4	(BUT)	= 2-Butanone-d5	(42-171)
VDMC5	(CLF)	= Chloroform-d	(80-123)
VDMC6	(DCA)	= 1,2-dichloroethane-d4	(78-129)
VDMC7	(BEN)	= Benzene-d6	(78-121)

Column to be used to flag recovery values
* Values outside of contract required QC limits

2LCB

LOW CONCENTRATION WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (BRF) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
01	VBLKYD	86	90	84	72	98	88	96	0
02	E2BW7	92	92	86	62	104	94	100	0
03	E2BW8	88	88	84	72	108	94	98	0
04	E2BW9	88	88	88	72	108	100	98	0
05	E2BX2	90	88	88	68	112	98	102	0
06	E2BX2MS	88	92	90	68	110	98	102	0
07	E2BX2MSD	94	94	86	58	106	94	98	0
08	E2BX3	88	88	80	56	102	94	98	0
09	E2BX4	86	88	82	60	106	88	100	0
10	E2BX5	92	94	88	60	102	100	98	0
11	E2BX6	88	88	84	70	106	102	102	0
12	E2BX7	90	88	84	60	116	102	106	0
13	E2BX8	98	92	86	74	128	104	104	0
14	VBLKBW	86	98	102	62	104	102	104	0
15	E2BX9	86	98	92	44	102	88	102	0
16	E2BY0	94	98	102	80	132	114	112	0
17	E2BY4	88	94	104	80	120	114	110	0
18	E2BY5	88	98	100	66	114	102	108	0
19	VHBLKYF	86	96	106	70	110	104	104	0
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

			QC LIMITS
VDMC8	(DPA)	= 1,2-Dichloropropane-d6	(84-123)
VDMC9	(TOL)	= Toluene-d8	(77-120)
VDMC10	(TDP)	= trans-1,3-Dichloropropene-d4	(80-128)
VDMC11	(HEX)	= 2-Hexanone-d5	(37-169)
VDMC12	(BRF)	= Bromoform-d	(76-135)
VDMC13	(TCA)	= 1,1,2,2-Tetrachloroethane-d2	(75-131)
VDMC14	(DCZ)	= 1,2-Dichlorobenzene-d4	(50-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3LCA
LOW CONCENTRATION WATER VOLATILE
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Matrix Spike - EPA Sample No.: E2BX2

COMPOUND	SPIKE ADDED (UG/L)	SAMPLE CONCENTRATION (UG/L)	MS CONCENTRATION (UG/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	5.0	0.0	5.0	100	61-145
Benzene	5.0	0.0	5.1	102	76-127
Trichloroethene	5.0	0.12	5.1	100	71-120
Toluene	5.0	0.0	4.8	96	76-125
Chlorobenzene	5.0	0.0	4.8	96	75-130

COMPOUND	SPIKE ADDED (UG/L)	MSD CONCENTRATION (UG/L)	MSD % REC #	RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	5.0	5.2	104	4	14	61-145
Benzene	5.0	5.3	106	4	11	76-127
Trichloroethene	5.0	5.0	98	2	14	71-120
Toluene	5.0	4.9	98	2	13	76-125
Chlorobenzene	5.0	5.0	100	4	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

4LCA
LOW CONCENTRATION WATER
VOLATILE METHOD BlANK SUMMARY

EPA SAMPLE NO.

VBLKBW

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69025 Date Analyzed: 05/18/2005

Lab File ID: 69025A73 Time Analyzed: 1015

Instrument ID: 5972HP73

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLE ANALYSES:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E2BX9	657911	657911RA73	1107
02	E2BY0	657912	657912A73	1135
03	E2BY4	657913	657913A73	1202
04	E2BY5	657914	657914A73	1230
05	VHBLKYF	657915	657915A73	1257
06				
07				
08				
09				
10				
11				
12				
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30				

COMMENTS:

FORM IV LCV OLC03.2

4LCA
LOW CONCENTRATION WATER
VOLATILE METHOD BlANK SUMMARY

EPA SAMPLE NO.

VBLKYD

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 68668 Date Analyzed: 05/16/2005

Lab File ID: 68668A73 Time Analyzed: 1038

Instrument ID: 5972HP73

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLE ANALYSES:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E2BW7	657901	657901A73	1515
02	E2BW8	657902	657902A73	1542
03	E2BW9	657903	657903A73	1609
04	E2BX2	657904	657904A73	1637
05	E2BX2MS	69027	69027A73	1704
06	E2BX2MSD	69028	69028A73	1731
07	E2BX3	657905	657905A73	1759
08	E2BX4	657906	657906A73	1826
09	E2BX5	657907	657907A73	1854
10	E2BX6	657908	657908A73	1921
11	E2BX7	657909	657909A73	1948
12	E2BX8	657910	657910A73	2016
13				
14				
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16				
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26				
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29				
30				

COMMENTS:

FORM IV LCV OLC03.2

1LCA
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BW7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657901 Date Received: 05/13/2005

Lab File ID: 657901A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.5	JB
75-15-0	Carbon Disulfide	0.15	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.12	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

1LCB
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BW7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657901 Date Received: 05/13/2005

Lab File ID: 657901A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.13	J
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BW7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657901 Date Received: 05/13/2005

Lab File ID: 657901A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	6.35	1.1	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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30					

FORM I LCV-TIC OLC03.2

1LCA
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BW8

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657902 Date Received: 05/13/2005

Lab File ID: 657902A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.18	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.17	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

1LCB
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BW8

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657902 Date Received: 05/13/2005

Lab File ID: 657902A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BW8

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657902 Date Received: 05/13/2005

Lab File ID: 657902A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	4.12	0.69	J
02		UNKNOWN	4.91	0.60	J
03					
04					
05					
06					
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EPA SAMPLE NO.

E2BW9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657903 Date Received: 05/13/2005

Lab File ID: 657903A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.18	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.19	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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EPA SAMPLE NO.

E2BW9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657903 Date Received: 05/13/2005

Lab File ID: 657903A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BW9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657903 Date Received: 05/13/2005

Lab File ID: 657903A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	4.11	1.7	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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EPA SAMPLE NO.

E2BX2

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657904 Date Received: 05/13/2005

Lab File ID: 657904A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.5	JB
75-15-0	Carbon Disulfide	0.16	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.10	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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EPA SAMPLE NO.

E2BX2

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657904 Date Received: 05/13/2005

Lab File ID: 657904A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.12	J
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX2

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657904 Date Received: 05/13/2005

Lab File ID: 657904A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	4.11	0.67	J
02		LABORATORY ARTIFACT	12.75	1.9	J
03					
04					
05					
06					
07					
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EPA SAMPLE NO.

E2BX2MS

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69027 Date Received: 05/13/2005

Lab File ID: 69027A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.46	J
74-87-3	Chloromethane	0.26	J
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.10	J
75-35-4	1,1-Dichloroethene	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.14	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.13	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	5.1	
107-06-2	1,2-Dichloroethane	0.50	U

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EPA SAMPLE NO.

E2BX2MS

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69027 Date Received: 05/13/2005

Lab File ID: 69027A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	5.1	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	4.8	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	4.8	
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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EPA SAMPLE NO.

E2BX2MSD

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69028 Date Received: 05/13/2005

Lab File ID: 69028A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.44	J
74-87-3	Chloromethane	0.30	J
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	5.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.4	JB
75-15-0	Carbon Disulfide	0.16	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.23	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	5.3	
107-06-2	1,2-Dichloroethane	0.50	U

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EPA SAMPLE NO.

E2BX2MSD

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69028 Date Received: 05/13/2005

Lab File ID: 69028A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	5.0	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	4.9	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	5.0	
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
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EPA SAMPLE NO.

E2BX3

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657905 Date Received: 05/13/2005

Lab File ID: 657905A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.15	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX3

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657905 Date Received: 05/13/2005

Lab File ID: 657905A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
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EPA SAMPLE NO.

E2BX3

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657905 Date Received: 05/13/2005

Lab File ID: 657905A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01					
02					
03					
04					
05					
06					
07					
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09					
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DATA SHEET

EPA SAMPLE NO.

E2BX4

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657906 Date Received: 05/13/2005

Lab File ID: 657906A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.6	JB
75-15-0	Carbon Disulfide	0.15	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

1LCB
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX4

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657906 Date Received: 05/13/2005

Lab File ID: 657906A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX4

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657906 Date Received: 05/13/2005

Lab File ID: 657906A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	4.93	0.88	J
02					
03					
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EPA SAMPLE NO.

E2BX5

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657907 Date Received: 05/13/2005

Lab File ID: 657907A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.6	JB
75-15-0	Carbon Disulfide	0.15	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.15	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX5

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657907 Date Received: 05/13/2005

Lab File ID: 657907A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX5

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657907 Date Received: 05/13/2005

Lab File ID: 657907A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01					
02					
03					
04					
05					
06					
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DATA SHEET

EPA SAMPLE NO.

E2EX6

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657908 Date Received: 05/13/2005

Lab File ID: 657908A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	3.9	JB
75-15-0	Carbon Disulfide	0.13	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.16	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.3	
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX6

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657908 Date Received: 05/13/2005

Lab File ID: 657908A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
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EPA SAMPLE NO.

E2BX6

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657908 Date Received: 05/13/2005

Lab File ID: 657908A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01					
02					
03					
04					
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EPA SAMPLE NO.

E2BX7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657909 Date Received: 05/13/2005

Lab File ID: 657909A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.7	JB
75-15-0	Carbon Disulfide	0.18	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.14	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657909 Date Received: 05/13/2005

Lab File ID: 657909A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657909 Date Received: 05/13/2005

Lab File ID: 657909A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		LABORATORY ARTIFACT	12.74	2.3	J
02					
03					
04					
05					
06					
07					
08					
09					
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12					
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1LCA
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX8

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657910 Date Received: 05/13/2005

Lab File ID: 657910A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.8	JB
75-15-0	Carbon Disulfide	0.17	JB
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.22	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.41	J
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.27	J
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BX8

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657910 Date Received: 05/13/2005

Lab File ID: 657910A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.54	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.16	J
1330-20-7	Xylene (Total)	0.25	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BX8

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657910 Date Received: 05/13/2005

Lab File ID: 657910A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	4.12	2.1	J
02		UNKNOWN	4.40	2.0	J
03					
04					
05					
06					
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09					
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EPA SAMPLE NO.

E2BX9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657911 Date Received: 05/13/2005

Lab File ID: 657911RA73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.5	JB
75-15-0	Carbon Disulfide	0.50	U
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.16	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.33	J
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.23	J
107-06-2	1,2-Dichloroethane	0.50	U

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EPA SAMPLE NO.

E2EX9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657911 Date Received: 05/13/2005

Lab File ID: 657911RA73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.53	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.16	J
1330-20-7	Xylene (Total)	0.25	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
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EPA SAMPLE NO.

E2BX9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657911 Date Received: 05/13/2005

Lab File ID: 657911RA73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01					
02					
03					
04					
05					
06					
07					
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EPA SAMPLE NO.

E2BY0

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657912 Date Received: 05/13/2005

Lab File ID: 657912A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.6	JB
75-15-0	Carbon Disulfide	0.50	U
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.24	J
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.25	J
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

E2BY0

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657912 Date Received: 05/13/2005

Lab File ID: 657912A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.36	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.12	J
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BY0

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657912 Date Received: 05/13/2005

Lab File ID: 657912A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01					
02					
03					
04					
05					
06					
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EPA SAMPLE NO.

E2BY4

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657913 Date Received: 05/13/2005

Lab File ID: 657913A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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EPA SAMPLE NO.

E2BY4

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657913 Date Received: 05/13/2005

Lab File ID: 657913A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BY4

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657913 Date Received: 05/13/2005

Lab File ID: 657913A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01					
02					
03					
04					
05					
06					
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EPA SAMPLE NO.

E2BY5

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657914 Date Received: 05/13/2005

Lab File ID: 657914A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.1	JB
75-15-0	Carbon Disulfide	0.50	U
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
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EPA SAMPLE NO.

E2BY5

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657914 Date Received: 05/13/2005

Lab File ID: 657914A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E2BY5

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657914 Date Received: 05/13/2005

Lab File ID: 657914A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

VBLKBW

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69025 Date Received: _____

Lab File ID: 69025A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	3.8	J
75-15-0	Carbon Disulfide	0.50	U
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.20	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

VBLKBW

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69025 Date Received: _____

Lab File ID: 69025A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBW

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 69025 Date Received: _____

Lab File ID: 69025A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

VBLKYD

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 68668 Date Received: _____

Lab File ID: 68668A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.8	J
75-15-0	Carbon Disulfide	0.10	J
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.19	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

VBLKYD

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 68668 Date Received: _____

Lab File ID: 68668A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKYD

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 68668 Date Received: _____

Lab File ID: 68668A73 Date Analyzed: 05/16/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

VHBLKYF

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657915 Date Received: 05/13/2005

Lab File ID: 657915A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
75-71-8	Dichlorodifluoromethane	0.18	J
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	3.2	JB
75-15-0	Carbon Disulfide	0.50	U
79-20-9	Methyl Acetate	0.50	U
75-09-2	Methylene Chloride	0.21	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET

EPA SAMPLE NO.

VHBLKYF

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657915 Date Received: 05/13/2005

Lab File ID: 657915A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L)	Q
79-01-6	Trichloroethene	0.12	J
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-Pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.10	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (Total)	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.11	J
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

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LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLKYF

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 34185 Client No.: SDG No.: E2BW7

Lab Sample ID: 657915 Date Received: 05/13/2005

Lab File ID: 657915A73 Date Analyzed: 05/18/2005

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: ZB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
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MAY 3 1 2005

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E2BW7 CERCLIS No: TBD (IN)

Case No: 34185 Site Name/Location: Braun Seating

Contractor or EPA Lab: Compuchem Data User: IDEM

No. of Samples: 14 Date Sampled or Date Received: 5/31/05

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No ____
No of samples claimed: ____ No. of samples received: ____

Received by: Michelle Davis Date: 5/31/05

Received by LSSS: Michelle D Date: 6/1/05

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: ____ Date: ____

Mailed to user by: James D. Bruder Date: 6-7-05

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Date: ____

SDMS US EPA Region V

Imagery Insert Form

Document ID: 267878

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APPENDICES C & D MAPS

☐ Document is available at the EPA Region 5 Records Center.

Specify Type of Document(s) / Comments:

APPENDIX C

4- Mile Radius Map

APPENDIX D

15-Mile Surface Water Pathway Map

APPENDIX E

Sensitive Environment Information

DNR Indiana Department of Natural Resources

Mitchell E. Daniels, Jr., Governor
Kyle J. Hupfer, Director

Division of Nature Preserves
402 W. Washington St., Rm W267
Indianapolis IN 46204-2739

RECEIVED
AUG 10 2005
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

August 9, 2005

Mr. Mark Jaworski
IDEM/OLQ Site Investigation
100 N. Senate Avenue, Rm N1101
Indianapolis, IN 46204

Dear Mr. Jaworski:

I am responding to your request for information on the endangered, threatened, or rare (ETR) species, high quality natural communities, and natural areas documented within two miles of the Braun Seating site, Fulton County, Indiana. The Indiana Natural Heritage Data Center has been checked and enclosed you will find information on the ETR species documented from the project area.

For more information on the animal species mentioned, please contact Katie Smith, Nongame Supervisor, Division of Fish and Wildlife, 402 W. Washington Room W273, Indianapolis, Indiana 46204, (317)232-4080.

The information I am providing does not preclude the requirement for further consultation with the U.S. Fish and Wildlife Service as required under Section 7 of the Endangered Species Act of 1973. You should contact the Service at their Bloomington, Indiana office.

U.S. Fish and Wildlife Service
620 South Walker St.
Bloomington, Indiana 47403-2121
(812)334-4261

At some point, you may need to contact the Department of Natural Resources' Environmental Review Coordinator so that other divisions within the department have the opportunity to review your proposal. For more information, please contact:

Kyle Hupfer, Director
Department of Natural Resources
attn: Christie Kiefer
Environmental Coordinator
Division of Water
402 W. Washington Street, Room W264
Indianapolis, IN 46204
(317)232-4160

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Please note that the Indiana Natural Heritage Data Center relies on the observations of many individuals for our data. In most cases, the information is not the result of comprehensive field surveys conducted at particular sites. Therefore, our statement that there are no documented significant natural features at a site should not be interpreted to mean that the site does not support special plants or animals.

Due to the dynamic nature and sensitivity of the data, this information should not be used for any project other than that for which it was originally intended. It may be necessary for you to request updated material from us in order to base your planning decisions on the most current information.

Thank you for contacting the Indiana Natural Heritage Data Center. You may reach me at (317)232-8059 if you have any questions or need additional information.

Sincerely,

Ronald P. Hellmich

Ronald P. Hellmich
Indiana Natural Heritage Data Center

enclosure: data sheet

Endangered, Threatened and Rare Species and High Quality Natural Communities documented within two miles of the Braun Seating site, Fulton County, Indiana

TYPE	SPECIES NAME	COMMON NAME	FED	STATE	TOWN RANGE	DATE	COMMENTS
Amphibian	Necturus maculosus	Mudpuppy		SSC	031N001E 16 SH NWQ SWQ	1987-06-18	
Fish	Hybopsis amblops	Bigeye Chub			031N001E 23 NEQ	1985-07-14	
Fish	Ammocrypta pellucida	Eastern Sand Darter			031N001E 23	2001-07-17	
Fish	Etheostoma camurum	Bluebreast Darter			031N001E 09	2000-10-11	
Fish	Etheostoma camurum	Bluebreast Darter			031N001E 23	2000-10-11	
Fish	Percina evides	Gilt Darter		SE	031N001E 23 NEQ	1985-07-14	
Fish	Percina evides	Gilt Darter		SE	031N001E 23	2001-10-09	
Mammal	Lynx rufus	Bobcat		SE	031N002E 31 SWQ NWQ NWQ	1996-12-06	
Mollusca: Bivalvia (Mussels)	Epioblasma torulosa rangiana	Northern Riffleshell	LE	SE	031N001E 23	2001-07-17	Weathered dead
Mollusca: Bivalvia (Mussels)	Lampsilis fasciola	Wavyrayed Lampmussel		SSC	031N002E 21	1991-09-09	Fresh dead
Mollusca: Bivalvia (Mussels)	Plethobasus cyphyus	Sheepnose		SE	031N001E 9	1995-09-01	Live
Mollusca: Bivalvia (Mussels)	Ptychobranchus fasciolaris	Kidneyshell		SSC	031N001E 23	2002-08-06	Weathered dead

Fed: LE = Endangered; LT = Threatened

State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant; WL = watch list