# VAPOR INTRUSION EVALUATION

# LETTER REPORT

## WORK ASSIGNMENT D004433-13

**BELL AEROSPACE - TEXTRON SITE**
**CITY OF NIAGARA FALLS**

**SITE NO. 9-32-052**
**NIAGARA (C), NY**

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Denise M. Sheehan, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

**URS Corporation**
77 Goodell Street
Buffalo, New York 14203

**Draft**
**October 2006**

G38147

# LETTER REPORT

# SOIL VAPOR INTRUSION EVALUATION
# FOR THE
# BELL AEROSPACE-TEXTRON SITE

## SITE #9-32-052

## CITY OF NIAGARA FALLS, NEW YORK

**Prepared For:**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**
**DIVISION OF ENVIRONMENTAL REMEDIATION**
**WORK ASSIGNMENT # D004433-13**

**Prepared By:**

**URS CORPORATION**
**77 GOODELL STREET**
**BUFFALO, NEW YORK 14203**

**DRAFT**

**OCTOBER 2006**

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## TABLES

**(Following Text)**



## ATTACHMENTS

## 1.0 INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) requested URS Corporation (URS), under it's State Superfund Standby Contract, to perform a Vapor Intrusion Evaluation at the Bell Aerospace-Textron site (Site No. 9-32-052) in the City of Niagara Falls, New York. The site consists of a former Bell Aerospace-Textron facility and surrounding commercial and residential properties. Groundwater and soil vapor sampling were conducted to assess potential soil vapor intrusion of chlorinated volatile organic compounds (VOCs) into area residences and businesses.

The results of this vapor intrusion evaluation are presented in this letter report. Section 2.0 includes a general description of the field activities completed. Section 3.0 provides the analytical results of the groundwater and soil vapor sampling.

## 2.0 FIELD ACTIVITIES

The following field activities were completed at the Bell Aerospace-Textron site during the soil vapor intrusion investigation. All of the fieldwork completed followed the requirements and specifications presented in the URS-prepared Work Plan, Field Sampling Plan and Health and Safety Plan.

- Site visit to mark out drilling locations;
- Secure work permit from the Niagara County Highway Department;
- Drilling and installation of five shallow and one deep soil vapor implants;
- Sampling and analysis of groundwater samples from eight monitoring wells;
- Sampling and analysis of three groundwater grab samples from soil borings; and
- Sampling and analysis of four soil vapor samples plus one duplicate sample.

**Soil Vapor Implant Drilling and Installation**

On June 1, 2006, a representative from URS marked out drilling locations for soil vapor implants at five area locations. Utility locators were also notified of the boring locations and completed utility mark outs. URS also obtained a work permit from the Niagara County Highway Department in order to install soil vapor implants in the right-of-way along Walmore Road and Niagara Road.

On June 8, 2006, URS and a representative of the NYSDEC supervised the drilling and construction of temporary soil vapor implants at five locations. The locations were identified as 932052-V-1 through 932052-V-5 (see Table 1). Zebra Environmental, a drilling contractor from Niagara Falls, New York, performed the drilling. Soil vapor implant construction consisted of first drilling an approximate 3-inch diameter boring using direct-push drilling techniques and macro core drilling tools. A 6-inch long stainless steel screen (implant) was then placed in the borehole to the desired sampling depth and connected to a 3/8-inch diameter polyethylene tube brought to approximately 3-feet above ground surface. Sand was placed in the borehole to cover the screen, and hydrated bentonite was then placed in the remainder of the borehole. Shallow soil gas implants were installed at each of the five locations, and a deep soil gas implant was installed at location 932052-V-1. Boring logs and soil vapor conduit construction drawings are provided in Attachment A.

## 3.0 SAMPLE COLLECTION

### Soil Vapor Sampling

A summary of the soil vapor samples collected is presented in Table 1. One deep soil vapor sample was collected at location 932052-V-1D and three shallow samples were collected at locations 932052-V-2S, 932052-V-3S, and 932052-V-5S on June 9, 2006. A duplicate sample of 932052-V-3S was also collected and labeled 20060609-FD-1. During sampling, helium tracer gas testing was conducted to ensure that the soil vapor samples were not affected by ambient air being drawn into the Summa® canisters used to collect the samples.

A shallow soil vapor sample was attempted at location 932052-V-1S but could not be obtained because the screen was located within saturated soils. However, a groundwater sample was obtained from this soil vapor implant (see Groundwater Sampling section below). A shallow soil vapor sample was also attempted at location 932052-V-4S. Tight clay soils and a resulting high soil vacuum prevented a sample from being collected.

Soil vapor sampling and helium testing followed procedures presented in URS' approved Field Sampling Plan (URS, 2006). Samples were collected using 6-liter Summa® canisters with two-hour regulators. Because of the tight soils, sampling periods of up to 6 hours and 13 minutes were required in order to pull in sufficient quantity of soil vapor for laboratory analysis. Soil vapor samples were shipped to Con-Test Analytical Laboratory in East Longmeadow, MA for analysis of Target Compound List (TCL) volatile organic compounds (VOCs) using USEPA Method TO-15.

Validated analytical results are provided in the Data Usability Summary Report (DUSR) provided in Attachment B. Soil vapor sampling records are located in Attachment C and Chain of Custody records are provided in Attachment D.

## Groundwater Sampling

Groundwater samples were collected from eight monitoring wells located in the vicinity of the Bell Aerospace-Textron site. A summary of the groundwater samples collected is provided on Table 1. Groundwater samples were collected using a peristaltic pump and dedicated polyethylene tubing. Prior to collecting the samples, each well was purged a minimum of three well casing volumes of water. Temperature, pH and specific conductivity were also measured during purging and sampling. Groundwater samples were shipped overnight to Mitkem Corporation of Warwick, Rhode Island.

Three groundwater grab samples were collected on June 9, 2006 during the drilling and installations of the soil vapor implants. One sample, 932052-GW-1, was collected from a shallow soil vapor implant designated as 932052-V-1S. Two additional groundwater grab samples were collected from boreholes in which 1-inch diameter PVC screen had been placed. These groundwater samples were designated 932052-GW-2 and 932052-GW-4.

Validated laboratory results for the groundwater samples are provided in the DUSR in Attachment B. Chain of Custody records are provided in Attachment D. Groundwater sampling records are provided in Attachment E.

## REFERENCES

New York State Department of Health (NYSDOH). 2005. Guidance for Evaluating Soil Vapor Intrusion in the State of New York. Public Comment Draft, February 2005.

URS Corporation (URS). 2006. Field Sampling Plan for the Vapor Intrusion Evaluations for New York State Remedial Sites. April.

URS. 2006. Vapor Intrusion Evaluation Work Plan/Budget Estimate for Bell Aerospace – Textron Site. June

URS. 2006. Health and Safety Plan, Bell Aerospace–Textron Site. June.

**Table I**
**Site Sampling Summary**
**Bell Aerospace-Textron Site, City of Niagara Falls, NY**
**Soil Vapor Intrusion Evaluation**
**Site # 9-32-052**

| Location ID | NYSDEC Sample ID | General Location/Comments | Date | Depth to GW (ft bgs) | Depth to SG Implant Base (ft bgs) | Leak-Test Successful? (yes or no) | Start Vacuum (in. Hg) | End Vacuum (in. Hg) | Start Time | Stop Time | Duration (hours) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soil Vapor and Groundwater Grab Samples** | | | | | | | | | | | |
| 932052-V-1S | Not sampled for soil gas. Implant in water. | S.E. part of Bell-Textron parking lot/soil gas implant | 6/9/2006 | Perched at <4 | 4.0 | NA | NA | NA | NA | NA | NA |
| 932052-V-1S | 932052-GW-1 | S.E. part of Bell-Textron parking lot/groundwater sample from soil gas implant | 6/9/2006 | Perched at <4 | 4.0 | NA | NA | NA | NA | NA | NA |
| 932052-V-1D | 932052-V-1D | S.E. part of Bell-Textron parking lot/soil gas sample from implant | 6/9/2006 | >14.5 | 12.6 | Yes | -30 | -6 | 950 | 1514 | 5 hrs 24 min. |
| 932052-V-2S | 932052-V-2S | 6665 Walmore Road /soil gas sample from implant | 6/9/2006 | 7.5 | 4.0 | Yes | -30.0 | -5.0 | 1300 | 1435 | 1 hr 35 min. |
| 932052-V-2D | 932052-GW-2 | 6665 Walmore Road /GW sample from 1" dia. PVC screen from 4.25-9.25' bgs | 6/9/2006 | 7.5 | NA | NA | NA | NA | NA | NA | NA |
| 932052-V-3S | 932052-V-3S | 6623 Walmore Road/soil gas sample from implant | 6/9/2006 | 6.2 | 4.0 | Yes | -30 | -6 | 1159 | 1456 | 2 hrs 57 min. |
| 932052-V-3S | 20060609-FD-1 | 6623 Walmore Road/duplicate of soil gas sample 932052-V-3S | 6/9/2006 | 6.2 | 4.0 | Yes | -30 | -3 | 1159 | 1300 | 61 min. |
| 932052-V-4S | Not sampled for soil gas | 2266 Niagara Road/soil gas sample from implant attempted/unsuccessful-tight soils | 6/9/2006 | Not observed | 4.0 | Yes | -29 | -28.5 | 1039 | 1652 | 6 hrs 13 min. |
| 932052-V-4D | 932052-GW-4 | 2266 Niagara Road/GW sample from 1" dia. PVC screen set 6-11' bgs | 6/9/2006 | 10 | NA | NA | NA | NA | NA | NA | NA |
| 932052-V-5S | 932052-V-5S | Dunkin Donuts at Walmore Rd and Niagara Falls Blvd./soil gas sample from implant | 6/9/2006 | 5.5 | 4.0 | Yes | -30 | -4 | 1419 | 1617 | 1 hr 58 min. |
| **Groundwater Samples from Monitoring Wells** | | | | | | | | | | | |
| 932052-MW-87-18-1 | 932052-MW-87-18-1 | S.E. part of Bell-Textron parking lot/GW sample from Monitoring Well 87-18-1 | 6/7/2006 | 16.3 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-87-20-0 | 932052-MW-87-20-0 | Dunkin Donuts at Walmore Rd and Niagara Falls Blvd/GW sample from MW-87-20-0 | 6/7/2006 | 5.5 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-87-20-1 | 932052-MW-87-20-1 | Dunkin Donuts at Walmore Rd and Niagara Falls Blvd./GW sample from MW-87-20-1 | 6/7/2006 | 8.5 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-87-22-1 | 932052-MW-87-22-1 | 2266 Niagara Road/GW sample from MW 87-22-1 | 6/7/2006 | 13.2 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-87-23-0 | 932052-MW-87-23-0 | In field east of 6665 Walmore Road /GW sample from MW-87-23-0 | 6/7/2006 | 3.8 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-87-23-1 | 932052-MW-87-23-1 | In field east of 6665 Walmore Road /GW sample from MW-87-23-1 | 6/7/2006 | 11.0 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-89-14-0 | 932052-MW-89-14-0 | 6623 Walmore Road/GW sample from MW-89-14-0 | 6/7/2006 | 6.1 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-89-14-1 | 932052-MW-89-14-1 | 6623 Walmore Road/GW sample from MW-89-14-1 | 6/7/2006 | 7.4 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-89-14-1 | 932052-MW-89-14-1-MS | 6623 Walmore Road/GW sample from MW-89-14-1 | 6/7/2006 | 7.4 | NA | NA | NA | NA | NA | NA | NA |
| 932052-MW-89-14-1 | 932052-MW-89-14-1-MSD | 6623 Walmore Road/GW sample from MW-89-14-1 | 6/7/2006 | 7.4 | NA | NA | NA | NA | NA | NA | NA |

NA = Not Applicable
BGS = Below ground surface

# ATTACHMENT A

# BORING LOGS AND SOIL VAPOR CONDUIT CONSTRUCTION DRAWINGS

# URS Corporation

## TEST BORING LOG

| | |
|---|---|
| BORING NO: | 932052-V-1S |
| SHEET: | 1 of 1 |
| JOB NO.: | 11174771.00000 |
| BORING LOCATION: | Wheatfield Ind. Park |
| GROUND ELEVATION: | NA |
| DATE STARTED: | 6/8/06 |
| DATE FINISHED: | 6/8/06 |
| DRILLER: | Dominic Pino |
| GEOLOGIST: | John Boyd |
| REVIEWED BY: | T. Burmeier |

PROJECT: Bell Aerospace-Textron Vapor Intrusion Investigation

CLIENT: NYSDEC

BORING CONTRACTOR: Zebra Environmental, Inc.

| GROUNDWATER: | | | | | CAS. | SAMPLER | CORE | TUBE |
|---|---|---|---|---|---|---|---|---|
| DATE | TIME | LEVEL | TYPE | TYPE | | Macrocore | | |
| | | | | DIA. | | 2" | | |
| | | | | WT. | | -- | | |
| | | | | FALL | | -- | | |
| | | | | * POCKET PENETROMETER READING | | | | |

| DEPTH FEET | SAMPLE STRATA | NO. | TYPE | RECOVERY % | COLOR | DESCRIPTION MATERIAL DESCRIPTION | USCS | REMARKS PID | REMARKS MOISTURE |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | Macro Core | 100% | Dk Gray Brown | 0-0.5'. Blacktop. | Fill | 0.0 ppm | Moist |
| | | | | | | 0.5-1.5' Silty Gravel sub-base (fill) | | | |
| | | | | | | 1.5-3.0' Clayey SILT, trace fine gravel | ML | | |
| | | | | | | 3.0-4.0' Clayey SILT, some f-med. angular gravel | GM | 0.4 ppm | |
| 5 | | | | | | End of boring at 4.0' | | | |
| 10 | | | | | | | | | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |

COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 14.5' BGS.

Soil vapor implant installed at 4.0' bgs (see construction diagram).

PROJECT NO. 11174771.00000

BORING NO. 932052-V-1S

# URS Corporation

# TEST BORING LOG

| | |
|---|---|
| BORING NO: | 932052-V-1D |
| PROJECT: | Bell Aerospace-Textron Vapor Intrusion Investigation |
| SHEET: | 1 of 1 |
| CLIENT: | NYSDEC |
| JOB NO.: | 11174771.00000 |
| BORING CONTRACTOR: | Zebra Environmental, Inc. |
| BORING LOCATION: | Wheatfield Ind. Park |
| GROUNDWATER: | |
| GROUND ELEVATION: | NA |
| DATE STARTED: | 6/8/06 |
| DATE FINISHED: | 6/8/06 |
| DRILLER: | Dominic Pino |
| GEOLOGIST: | John Boyd |
| REVIEWED BY: | T. Burmeier |

| DATE | TIME | LEVEL | TYPE | | CAS. | SAMPLER | CORE | TUBE |
|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | | Macrocore | | |
| | | | | DIA. | | 2" | | |
| | | | | WT. | | -- | | |
| | | | | FALL | | -- | | |

* POCKET PENETROMETER READING

| DEPTH FEET | SAMPLE STRATA | NO. | TYPE | RECOVERY % | COLOR | DESCRIPTION MATERIAL DESCRIPTION | USCS | REMARKS PID | REMARKS MOISTURE |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | Macro Core | 100% | Dk Gray / Brown | 0-0.5'. Blacktop. | Fill | 0.0 ppm | Moist |
| | | | | | | 0.5-1.5' Silty Gravel sub-base (fill) | | | |
| | | | | | | 1.5-3.0' Clayey SILT, trace fine gravel | ML | | |
| | | | | | | 3.0-5.0' Clayey SILT, some f-med. angular gravel | GM | 0.4 ppm | |
| 5 | | 2 | Macro Core | 100% | Gray / Brown | 5.0-6.0' Stiff Silty CLAY, trace fine rounded gravel | CL | 0.0 ppm | Very moist |
| | | | | | | 6.0-8.0' Same as above with gray mottling | | | Moist |
| 10 | | 3 | Macro Core | 100% | Gray | 8-12.0' CLAY, trace fine gravel | | 0.1 ppm | |
| | | 4 | Macro Core | 63% | | 12.0-14.5' Same as above | | | |
| 15 | | | | | | | | | |
| | | | | | | Refusal on rock at 14.5' bgs | | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |

COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 14.5' BGS.
Soil vapor implant installed at 12.6' bgs (see construction diagram).

PROJECT NO. 11174771.00000
BORING NO. 932052-V-1D

# URS Corporation

## TEST BORING LOG

| | |
|---|---|
| PROJECT: | Bell Aerospace-Textron Vapor Intrusion Investigation |
| CLIENT: | NYSDEC |
| BORING CONTRACTOR: | Zebra Environmental, Inc. |
| BORING NO: | 932052-V-2D |
| SHEET: | 1 of 1 |
| JOB NO.: | 11174771.00000 |
| BORING LOCATION: | Walmore Road |
| GROUND ELEVATION: | NA |
| DATE STARTED: | 6/8/06 |
| DATE FINISHED: | 6/8/06 |
| DRILLER: | Dominic Pino |
| GEOLOGIST: | John Boyd |
| REVIEWED BY: | T. Burmeier |

GROUNDWATER:

| DATE | TIME | LEVEL | TYPE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

| | CAS. | SAMPLER | CORE | TUBE |
|---|---|---|---|---|
| TYPE | | Macrocore | | |
| DIA. | | 2" | | |
| WT. | | -- | | |
| FALL | | -- | | |

* POCKET PENETROMETER READING

| DEPTH FEET | SAMPLE STRATA | NO. | TYPE | RECOVERY % | COLOR | DESCRIPTION MATERIAL DESCRIPTION | USCS | REMARKS PID | REMARKS MOISTURE |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | Macro Core | 85% | Dk Gray | 0-0.9'. Silt and med. Gravel | GM | 0.2 ppm | Moist |
| | | | | | Brown | 0.9-1.6' SILT, trace f-med gravel | GM | | |
| | | | | | | 1.6-2.0' Clayey SILT, trace fine gravel | ML | | |
| 5 | | 2 | Macro Core | 100% | | 2.0-7.5' CLAY | CL | | |
| | | | | | | 7.5-10.0 SILT, some clay | ML | | Wet |
| 10 | | 3 | Macro Core | 100% | | 10.0-10.5 SILT, some medium sand | SM | | |
| | | | | | | 10.5-11.0' SILT, some fine sand | | | |

End of boring 11.0' bgs'

15 20 25 30 35

COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 11.0' BGS.
Soil vapor implant installed at 4.0' bgs (see construction diagram).

PROJECT NO. 11174771.00000
BORING NO. 932052-V-2D

# URS Corporation

## TEST BORING LOG

| | |
|---|---|
| PROJECT: | Bell Aerospace-Textron Vapor Intrusion Investigation |
| CLIENT: | NYSDEC |
| BORING CONTRACTOR: | Zebra Environmental, Inc. |
| BORING NO: | 932052-V-3S |
| SHEET: | 1 of 1 |
| JOB NO.: | 11174771.00000 |
| BORING LOCATION: | Walmore Road |
| GROUND ELEVATION: | NA |
| DATE STARTED: | 6/8/06 |
| DATE FINISHED: | 6/8/06 |
| DRILLER: | Dominic Pino |
| GEOLOGIST: | John Boyd |
| REVIEWED BY: | T. Burmeier |

| GROUNDWATER: | | | | | CAS. | SAMPLER | CORE | TUBE |
|---|---|---|---|---|---|---|---|---|
| DATE | TIME | LEVEL | TYPE | TYPE | | Macrocore | | |
| | | | | DIA. | | 2" | | |
| | | | | WT. | | -- | | |
| | | | | FALL | | -- | | |
| | | | | * POCKET PENETROMETER READING | | | | |

| DEPTH FEET | SAMPLE STRATA | NO. | TYPE | RECOVERY % | COLOR | DESCRIPTION MATERIAL DESCRIPTION | USCS | REMARKS PID | REMARKS MOISTURE |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | Macro Core | 100% | Gray Brown | 0-1.9' Silt and med. Gravel (fill) | Fill | 0.1 ppm | Moist |
| | | | | | | 1.9-4.0' CLAY, some gray mottling | CL | | |
| 5 | | | | | | End of boring 4.0' bgs | | | |
| 10 | | | | | | | | | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |

COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 4.0' BGS.
Soil vapor implant installed at 4.0' bgs (see construction diagram).

PROJECT NO. 11174771.00000
BORING NO. 932052-V-3S

# URS Corporation

# TEST BORING LOG

| | |
|---|---|
| BORING NO: | 932052-V-4D |
| SHEET: | 1 of 1 |
| JOB NO.: | 11174771.00000 |
| BORING LOCATION: | Niagara Road |
| GROUND ELEVATION: | NA |
| DATE STARTED: | 6/8/06 |
| DATE FINISHED: | 6/8/06 |
| DRILLER: | Dominic Pino |
| GEOLOGIST: | John Boyd |
| REVIEWED BY: | T. Burmeier |

| PROJECT: | Bell Aerospace-Textron Vapor Intrusion Investigation |
|---|---|
| CLIENT: | NYSDEC |
| BORING CONTRACTOR: | Zebra Environmental, Inc. |

| GROUNDWATER: | | | | CAS. | SAMPLER | CORE | TUBE |
|---|---|---|---|---|---|---|---|
| DATE | TIME | LEVEL | TYPE | TYPE | Macrocore | | |
| | | | | DIA. | 2" | | |
| | | | | WT. | -- | | |
| | | | | FALL | -- | | |
| | | | | * POCKET PENETROMETER READING | | | |

| DEPTH FEET | SAMPLE STRATA | NO. | TYPE | RECOVERY % | COLOR | DESCRIPTION MATERIAL DESCRIPTION | USCS | REMARKS PID | REMARKS MOISTURE |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | Macro Core | 100% | Brown | 0-0.4' SILT, some organics and VF gravel | GM | 0.0 ppm | Moist |
| | | | | | | 0.4-0.8' Silt and fine to med. Gravel | | | |
| | | | | | | 0.8-9.5' CLAY, trace gray mottling | CL | | |
| 5 | | 2 | Macro Core | 100% | | | | | |
| | | | | | | | | | |
| 10 | | 3 | Macro Core | 100% | | wet at 9' | | | Wet |
| | | | | | | 9.5-11.0' SILT, some clay and f-med. gravel | GM | | |
| | | | | | | Refusal on rock at 11.0' bgs | | | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |

COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 11.0' BGS.
Soil vapor implant installed at 7.0' bgs (see construction diagram).

| | |
|---|---|
| PROJECT NO. | 11174771.00000 |
| BORING NO. | 932052-V-4D |

# URS Corporation

## TEST BORING LOG

| | |
|---|---|
| PROJECT: | Bell Aerospace-Textron Vapor Intrusion Investigation |
| CLIENT: | NYSDEC |
| BORING CONTRACTOR: | Zebra Environmental, Inc. |
| GROUNDWATER: | |

| DATE | TIME | LEVEL | TYPE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

| | CAS. | SAMPLER | CORE | TUBE |
|---|---|---|---|---|
| TYPE | | Macrocore | | |
| DIA. | | 2" | | |
| WT. | | -- | | |
| FALL | | -- | | |

* POCKET PENETROMETER READING

| | |
|---|---|
| BORING NO: | 932052-V-5S |
| SHEET: | 1 of 1 |
| JOB NO.: | 11174771.00000 |
| BORING LOCATION: | Dunkin Donuts |
| GROUND ELEVATION: | NA |
| DATE STARTED: | 6/8/06 |
| DATE FINISHED: | 6/8/06 |
| DRILLER: | Dominic Pino |
| GEOLOGIST: | John Boyd |
| REVIEWED BY: | T. Burmeier |

| DEPTH FEET | SAMPLE STRATA | SAMPLE NO. | SAMPLE TYPE | SAMPLE RECOVERY % | DESCRIPTION COLOR | DESCRIPTION MATERIAL DESCRIPTION | DESCRIPTION USCS | REMARKS PID | REMARKS MOISTURE |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | Macro Core | 100% | Brown | 0-0.5' Silt, trace vf sand (fill) | ML | 0.0 ppm | Moist |
| | | | | | | 0.5-2.0' Gravel, f-med (fill) | GM | | |
| | | | | | | 2.0-4.0' CLAY, some f-med gravel | CL | | |
| 5 | | | | | | End of Boring 4.0' bgs | | | |
| 10 | | | | | | | | | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |

COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 4.0' BGS.
Soil vapor implant installed at 4.0' bgs (see construction diagram).

| | |
|---|---|
| PROJECT NO. | 11174771.00000 |
| BORING NO. | 932052-V-5S |

## DRILLING SUMMARY

**Geologist:** John Boyd

**Drilling Company:** Zebra Environmental, Inc.

**Driller:** Dominic Pino

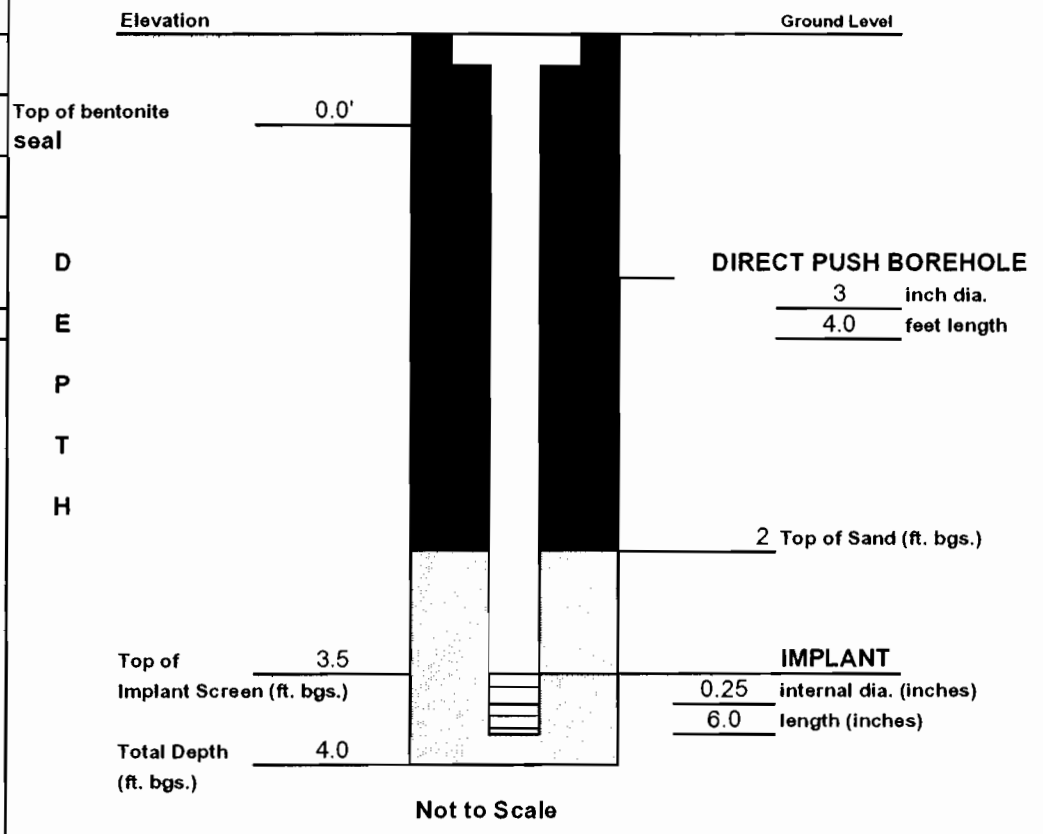
**Rig Make/Model:** Geoprobe 5400

**Date:** 6/9/2006

## GEOLOGIC LOG

| Depth(ft.) | Description |
|---|---|
| | See Boring Log |

## WELL DESIGN




| *CASING MATERIAL* | *SCREEN MATERIAL* | *FILTER MATERIAL* |
|---|---|---|
| **Surface:** Blacktop | **Type:** 6-inch stainless steel implant | **Type:** #1 Sand **Setting:** 4.0-2.0 |
| **Well:** 3/8-inch OD polyethylene tubing | **Pore Diameter:** 0.0057-inch | *SEAL MATERIAL*<br>**Type:** Bentonite **Setting:** 2.0-0.0<br>Grout **Setting:** NA<br>Concrete **Setting:** NA |

*COMMENTS:*

Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling.

*LEGEND*

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

| | | |
|---|---|---|
| **Client: NYSDEC** | **Location: Bell Textron parking Lot** | **Project No.: 11174771** |
| *URS Corporation* | **SOIL GAS CONDUIT CONSTRUCTION DETAILS** | **Well Number: 932052-V-1S** |

J:\11174771.00000\EXCEL\[Bell-Textron Well Construction Soil Gas Survey Logs.xls]932052-V-1S

## DRILLING SUMMARY

**Geologist:** John Boyd

**Drilling Company:** Zebra Environmental, Inc.

**Driller:** Dominic Pino

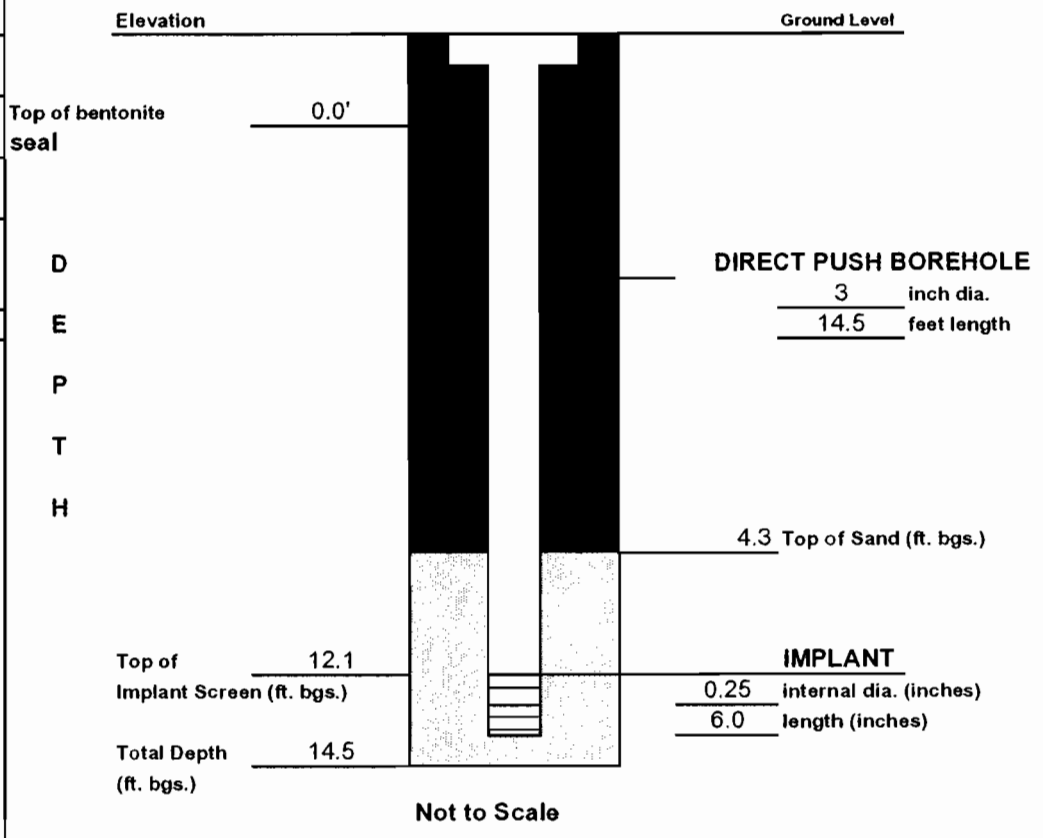
**Rig Make/Model:** Geoprobe 5400

**Date:** 6/9/2006

## GEOLOGIC LOG

| Depth(ft.) | Description |
|---|---|
| | See Boring Log |

## WELL DESIGN




| *CASING MATERIAL* | *SCREEN MATERIAL* | *FILTER MATERIAL* |
|---|---|---|
| **Surface:** Blacktop | **Type:** 6-inch stainless steel implant | **Type:** #1 Sand **Setting:** 14.5-4.3 |
| **Well:** 3/8-inch OD polyethylene tubing | **Pore Diameter:** 0.0057-inch | *SEAL MATERIAL*<br>**Type:** Bentonite **Setting:** 4.3-0.0<br>Grout **Setting:** NA<br>Concrete **Setting:** NA |

*COMMENTS:*

Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling.

*LEGEND*

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

| | | |
|---|---|---|
| **Client: NYSDEC** | **Location: Bell Textron parking Lot** | **Project No.: 11174771** |
| *URS Corporation* | **SOIL GAS CONDUIT CONSTRUCTION DETAILS** | **Well Number: 932052-V-1D** |

## DRILLING SUMMARY

**Geologist:** John Boyd

**Drilling Company:** Zebra Environmental, Inc.

**Driller:** Dominic Pino

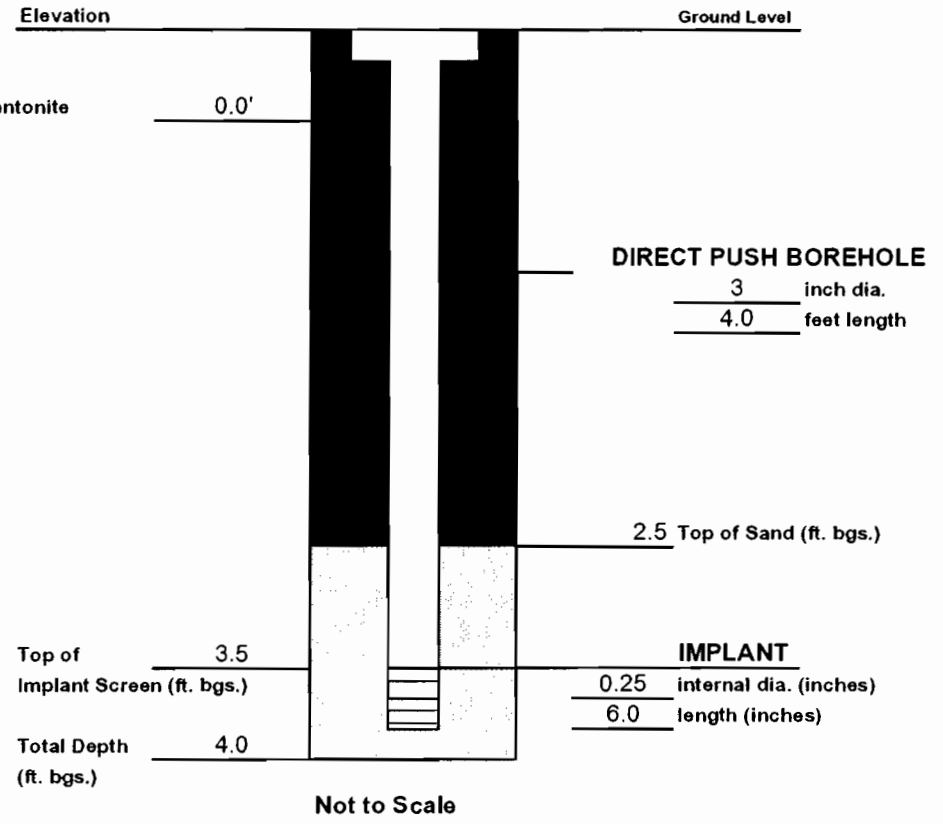
**Rig Make/Model:** Geoprobe 5400

**Date:** 6/9/2006

## GEOLOGIC LOG

| Depth(ft.) | Description |
|---|---|
| | See Boring Log |

## WELL DESIGN




| *CASING MATERIAL* | *SCREEN MATERIAL* | *FILTER MATERIAL* |
|---|---|---|
| **Surface:** Soil | **Type:** 6-inch stainless steel implant | **Type:** #1 Sand **Setting:** 4.0-2.5 |
| **Well:** 3/8-inch OD polyethylene tubing | **Pore Diameter:** 0.0057-inch | *SEAL MATERIAL*<br>**Type:** Bentonite **Setting:** 2.5-0.0<br>Grout **Setting:** NA<br>Concrete **Setting:** NA |

*COMMENTS:*

Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling.

*LEGEND*

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

| | | |
|---|---|---|
| **Client: NYSDEC** | **Location: Walmore Road** | **Project No.: 11174771** |
| *URS Corporation* | **SOIL GAS CONDUIT CONSTRUCTION DETAILS** | **Well Number: 932052-V-2S** |

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## DRILLING SUMMARY

**Geologist:** John Boyd

**Drilling Company:** Zebra Environmental, Inc.

**Driller:** Dominic Pino

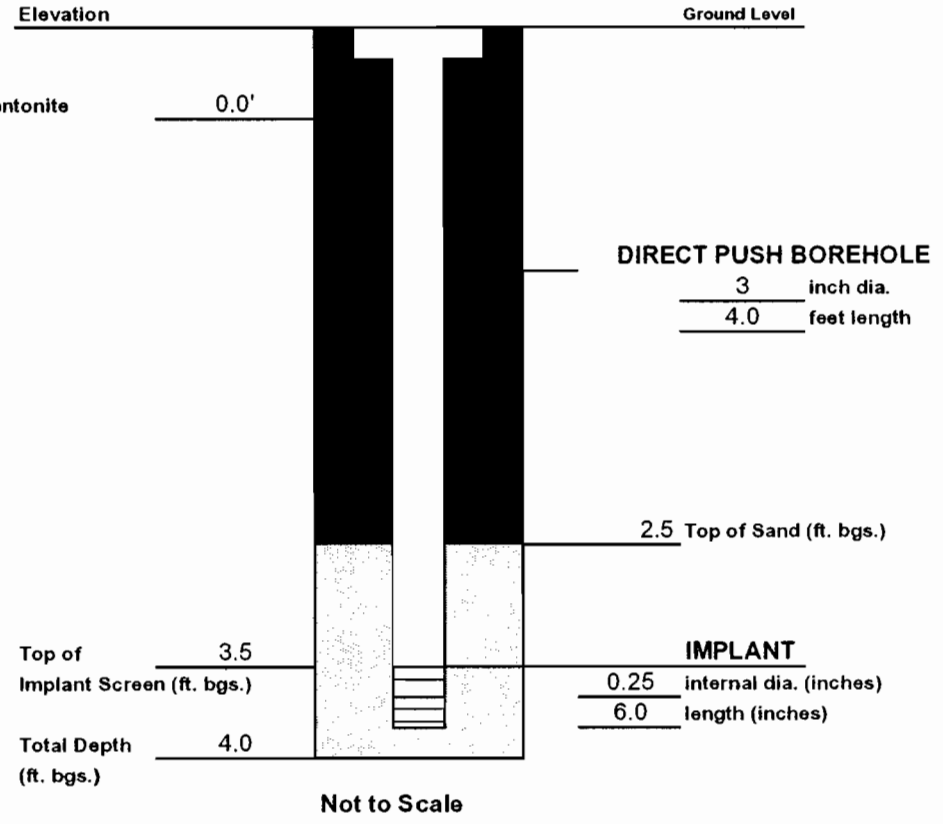
**Rig Make/Model:** Geoprobe 5400

**Date:** 6/9/2006

## GEOLOGIC LOG

| Depth(ft.) | Description |
|---|---|
| | See Boring Log |

## WELL DESIGN




| *CASING MATERIAL* | | *SCREEN MATERIAL* | | *FILTER MATERIAL* | | |
|---|---|---|---|---|---|---|
| **Surface:** | Soil | **Type:** | 6-inch stainless steel implant | Type: #1 Sand | **Setting:** | 4.0-2.5 |
| | | | | ***SEAL MATERIAL*** | | |
| **Well:** | 3/8-inch OD polyethylene tubing | **Pore Diameter:** | 0.0057-inch | Type: Bentonite | **Setting:** | 2.5-0.0 |
| | | | | Grout | **Setting:** | NA |
| | | | | Concrete | **Setting:** | NA |

***COMMENTS:***

Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling.

***LEGEND***

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

| | | |
|---|---|---|
| **Client: NYSDEC** | **Location: Walmore Road** | **Project No.: 11174771** |
| ***URS Corporation*** | **SOIL GAS CONDUIT CONSTRUCTION DETAILS** | **Well Number: 932052-V-3S** |

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## DRILLING SUMMARY

**Geologist:** John Boyd

**Drilling Company:** Zebra Environmental, Inc.

**Driller:** Dominic Pino

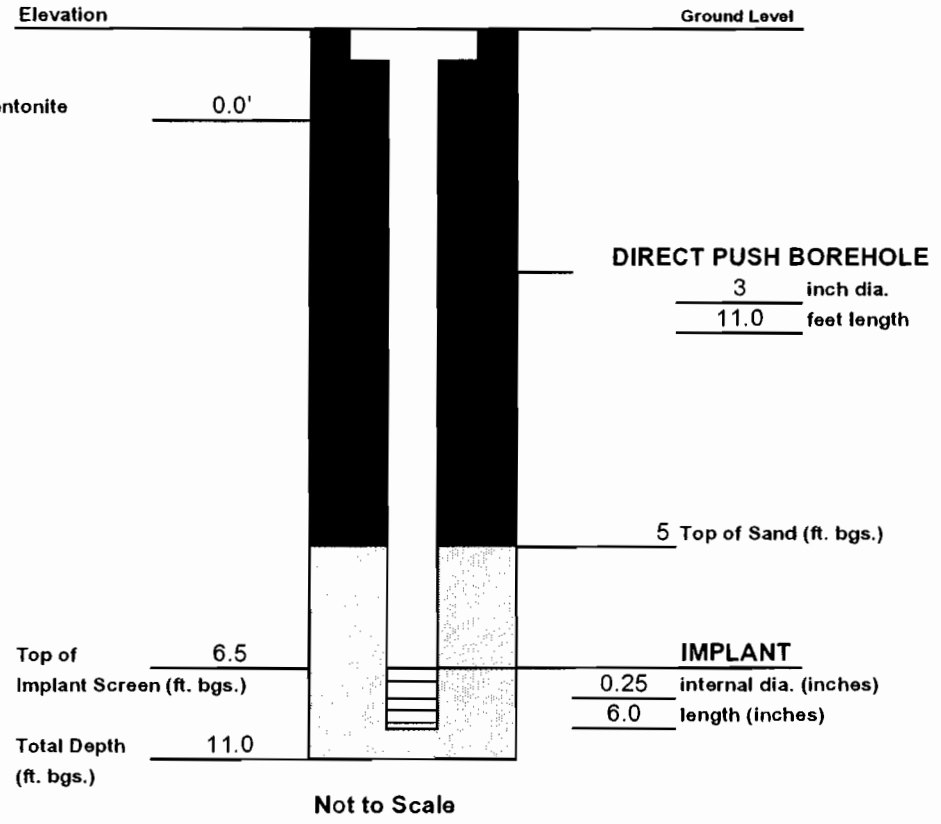
**Rig Make/Model:** Geoprobe 5400

**Date:** 6/9/2006

## GEOLOGIC LOG

| Depth(ft.) | Description |
|---|---|
| | See Boring Log |

DEPTH




## WELL DESIGN

| CASING MATERIAL | SCREEN MATERIAL | FILTER MATERIAL |
|---|---|---|
| **Surface:** Soil | **Type:** 6-inch stainless steel implant | Type: #1 Sand Setting: 11.0-5.0 |
| **Well:** 3/8-inch OD polyethylene tubing | **Pore Diameter:** 0.0057-inch | *SEAL MATERIAL* |
| | | Type: Bentonite Setting: 5.0-0.0 |
| | | Grout Setting: NA |
| | | Concrete Setting: NA |

*COMMENTS:*

Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling.

*LEGEND*

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

| | | |
|---|---|---|
| **Client: NYSDEC** | **Location: Niagara Road** | **Project No.: 11174771** |
| *URS Corporation* | **SOIL GAS CONDUIT CONSTRUCTION DETAILS** | **Well Number: 932052-V-4S** |

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## DRILLING SUMMARY

**Geologist:** John Boyd

**Drilling Company:** Zebra Environmental, Inc.

**Driller:** Dominic Pino

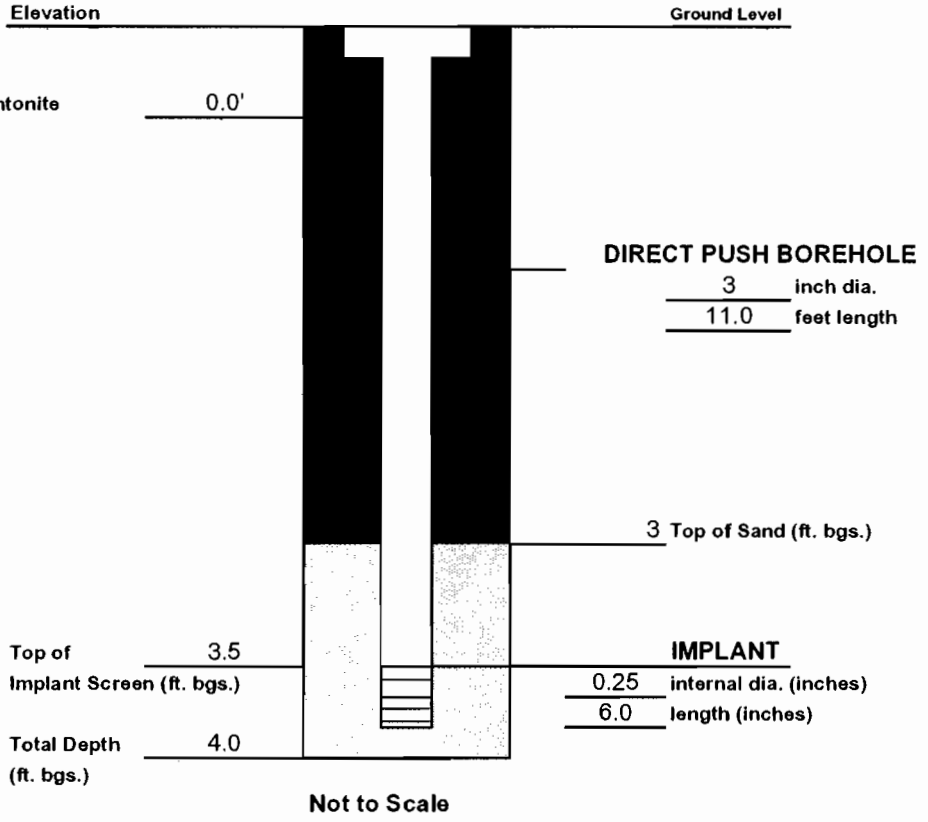
**Rig Make/Model:** Geoprobe 5400

**Date:** 6/9/2006

## GEOLOGIC LOG

| Depth(ft.) | Description |
|---|---|
| | See Boring Log |

D
E
P
T
H




## WELL DESIGN

| *CASING MATERIAL* | | *SCREEN MATERIAL* | | *FILTER MATERIAL* | | |
|---|---|---|---|---|---|---|
| **Surface:** | Soil | **Type:** | 6-inch stainless steel implant | **Type:** #1 Sand | **Setting:** | 4.0-3.0 |
| **Well:** | 3/8-inch OD polyethylene tubing | **Pore Diameter:** | 0.0057-inch | *SEAL MATERIAL* | | |
| | | | | **Type:** Bentonite | **Setting:** | 3.0-0.0 |
| | | | | Grout | **Setting:** | NA |
| | | | | Concrete | **Setting:** | NA |

***COMMENTS:***

Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling.

***LEGEND***

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

| | | |
|---|---|---|
| **Client: NYSDEC** | **Location: Walmore & N.F. Blvd.** | **Project No.: 11174771** |
| ***URS Corporation*** | **SOIL GAS CONDUIT CONSTRUCTION DETAILS** | **Well Number: 932052-V-5S** |

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# ATTACHMENT B

# DATA SUMMARY USABILITY REPORT

# DATA USABILITY SUMMARY REPORT

**BELL AEROSPACE-TEXTRON**

**SITE NO. 9-32-052**

**WORK ASSIGNMENT D004433-13**

**Analyses Performed by:**

**CON-TEST ANALYTICAL LABORATORY**

**and MITKEM CORPORATION**

**Prepared by:**

**URS CORPORATION**

**77 GOODELL STREET**

**BUFFALO, NY 14203**

**AUGUST 2006**

## TABLE OF CONTENTS



### TABLES
### (Following Text)



### ATTACHMENTS

## I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999. Analytical data for the soil gas and groundwater samples collected on June 7-9, 2006 are discussed in this DUSR.

## II. ANALYTICAL METHODOLOGIES

The soil gas data being evaluated are from the June 9, 2006 sampling of 4 soil gas samples and 1 field duplicate. The analytical laboratory that performed the analyses is Con-Test Analytical Laboratory, located in East Longmeadow, MA. The samples were analyzed for volatile organic compounds (VOCs) following USEPA Compendium Method TO-15, *Determination of VOCs in Air Collected in Specially Prepared Canisters and Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*.

The groundwater data being evaluated are from the June 7 and 9, 2006 sampling of 11 groundwater samples, 1 matrix spike/matrix spike duplicate (MS/MSD) pair, and 1 trip blank. The analytical laboratory that performed the analyses is Mitkem Corporation, located in Warwick, RI. The groundwater samples were analyzed for volatile organic compounds (VOCs) following USEPA Method 8260B.

A limited data validation was performed on the samples following the guidelines in USEPA Region II *Validating Canisters of Volatile Organics in Ambient Air, Rev. 0,* April 1994, and USEPA Region II *Standard Operating Procedure for the Validation of Organic Data Acquired using SW-846 Method 8260B*, SOP HW-24, Revision 1, June 1999. The validation consisted of a review of the deliverable completeness, quality control problems, and verification of sample results.

Qualifications applied to the data include 'U' (non-detect), 'J' (estimated concentration) and 'UJ' (estimated quantitation limit). Documentation supporting the qualification of data is presented in Attachment A. Copies of the validated laboratory results (i.e., Form I's) are presented in Attachment B. Only problems affecting data usability are discussed in this report.

Table 1 summarizes the qualifications applied to the sample results. The validated analytical results are presented on Tables 2, 3, and 4.

## III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B or equivalent) were provided by the laboratories, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

## IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratories intact and under proper chain-of-custody.

Groundwater samples GW-01, GW-02, and GW-07 were analyzed outside of the USEPA Region II technical holding time for volatile aromatic hydrocarbons in unpreserved samples, which is 7 days from the time of sample collection. The results for all aromatic hydrocarbons in these samples have been qualified 'J' or 'UJ'.

## V. NONCONFORMANCES

- Initial Calibrations

The percent relative standard deviation (%RSD) for acetone, ethanol, and methylene chloride were above the QC limit (i.e., > 30%) in the initial calibration (ICAL) standards associated with the soil gas samples. The detected results for these compounds in the

associated samples listed on Table 1 have been qualified 'J'. As per USEPA Region II validation guidelines those sample results qualified 'U' due to blank contamination are still considered detects and qualified for ICAL outliers (i.e., the final qualifier is 'UJ').

- Continuing Calibrations

The percent difference (%D) between the ICAL average relative response factor (RRF) and the RRF in one of the continuing calibration (CCAL) standards associated with the groundwater samples exceeded the QC limit of 20%D for dichlorodifluoromethane, trichlorofluoromethane, 2-hexanone, 1,2,4-trichlorobenzene, naphthalene, and 1,2,3-trichlorobenzene. The results for these compounds in the associated groundwater samples listed on Table1 have been qualified 'J' or 'UJ'.

The %D between the ICAL average RRF and the RRF in the CCAL standard associated with the soil gas samples exceeded the QC limit of 25% for 4-methyl-2-pentanone, 2-hexanone, and benzyl chloride. The results for these compounds in the associated soil gas samples listed on Table1 have been qualified 'J' or 'UJ'.

Documentation supporting the qualification of data (e.g., CCAL summary form) is presented in Appendix B.

- QC Blanks

The method blank associated with the soil gas samples had detections of methylene chloride and chloromethane. Associated sample results for these compounds greater than the quantation limit (QL), but less than five times the concentration detected in the blank, have been qualified 'U' at the detected value. The affected samples are listed on Table 1.

Documentation supporting the qualification of data (e.g., method blank Form 1) is presented in Appendix B.

- Laboratory Control Samples

The recovery percentages (%R) of 1,2,3-trichlorobenzene, chloroform, or vinyl chloride were outside of the QC limits in the laboratory control samples associated with the groundwater samples. Associated sample results for these compounds have been qualified 'J' or 'UJ' as listed on Table 1.

Documentation supporting the qualification of data (e.g., LCS form) is presented in Appendix B.

- Internal Standards

The recovery percentage of internal standard fluorobenzene was below the lower QC limit in groundwater samples GW-01 and GW-02. The compounds associated with the IS outlier have been qualified 'J' or 'UJ' in these samples.

Documentation supporting the qualification of data (e.g. IS form 8) is presented in Appendix B.

## VI. SAMPLE RESULTS AND REPORTING

All QLs were reported in accordance with method requirements and were adjusted for sample size and dilution factors.

Groundwater sample MW-87-20-1 was initially analyzed undiluted. A further dilution of 25x was required due to elevated levels of cis-1,2-dichlorothene and trichloroethene.

Groundwater sample MW-87-18-1 was initially analyzed undiluted. A further dilution of 16x was required due to elevated levels of vinyl chloride and cis-1,2-dichloroethene.

Groundwater samples MW-87-22-1 and MW-89-14-1 was initially analyzed undiluted. A further dilution of 3x was required due to elevated levels of cis-1,2-dichloroethene.

All soil gas samples were analyzed utilizing an initial dilution of 2x due to elevated levels of target compounds. A further dilution of 20x was required for one or more target compounds in all samples.

## VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation limit) are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

**Prepared By:** **Ann Marie Kropovitch, Chemist** **Date:** 8/17/06

**Reviewed By:** **James J. Lehnen, Senior Chemist** **Date:** 8/18/06

## DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

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 the 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 actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

D – The sample results are reported from a separate secondary dilution analysis.

NJ – Presumptive evidence of a compound at an estimated value.

## TABLE 1

## SUMMARY OF DATA QUALIFICATIONS
## BELL AEROSPACE – TEXTRON, SITE # 9-32-052

| SAMPLE ID | FRACTION | ANALYTICAL DEVIATION | QUALIFICATION |
|---|---|---|---|
| Groundwater samples GW-01, GW-02, GW-04 | VOCs | Analyzed outside of the 7-day (from collection) technical holding time for aromatic hydrocarbons in unpreserved samples. | Qualify detected results 'J' and non-detected results 'UJ'. |
| Groundwater samples MW-89-14-1, MW-87-23-1, MW-87-22-1, MW-87-20-1, MW-87-23-0, MW-87-18-1, TB | VOCs | %R of chloroform < QC limit in LCS. | Qualify detected results 'J' and non-detected results 'UJ'. |
| Groundwater sample MW-89-14-0, MW-87-20-0 | VOCs | %R of 1,2,3-trichlorobenzene < QC limit in LCS. | Qualify non-detected results 'UJ'. |
| Groundwater sample MW-87-18-1 | VOCs | %R of vinyl chloride > QC limit in LCS. | Qualify detected results 'J'. |
| Groundwater sample MW-89-14-0, MW-87-20-0 | VOCs | CCAL %D > 20% for dichlorodifluoromethane. | Qualify non-detected results 'UJ'. |
| Groundwater samples MW-87-18-1, MW-87-20-1, MW-87-22-1, MW-87-22-1, MW-87-23-0, MW-87-23-1, MW-89-14-1, TB | VOCs | CCAL %D > 20% for trichlorofluoromethane, 2-hexanone, 1,2,4-trichlorobenzene, naphthalene, 1,2,3-trichlorobenzene. | Qualify detected results 'J' and non-detected results 'UJ'. |
| Groundwater samples GW-01, GW-02, and GW-04 | VOCs | CCAL %D > 20% for dichlorodifluormethane and chloromethane. | Qualify non-detected results 'UJ'. |
| Groundwater samples GW-01, GW-02 | VOCs | IS %R of fluorobenzene < QC limit. | Qualify detected results 'J' and non-detected results 'UJ'. |
| Soil gas samples 932052-V-2S, 932052-V-5S, 932052-V-1D, 932052-V-3S | VOCs | Method blank detected for chloromethane and methylene chloride. | Qualify detected results < 5X blank value 'U' at the detected value. |
| Soil gas samples 20060609-FD-1 (932052-V-3S), 932052-V-2S, 932052-V-5S, 932052-V-1D, 932052-V-3S | VOCs | ICAL %RSD > 30% for acetone, ethanol, and methylene chloride. | Qualify detected results 'J'. (Detected results qualified 'U' due to blank contamination were qualified 'UJ'). |
| Soil gas samples 20060609-FD-1 (932052-V-3S), 932052-V-2S, 932052-V-5S, 932052-V-1D, 932052-V-3S | VOCs | CCAL %D > 20% for 4-methyl-2-pentaone, 2-hexanone, and benzyl chloride. | Qualify detected results 'J' and non-detected results 'UJ'. |

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | GW-01 | GW-02 | GW-04 | MW-87-18-1 | MW-87-20-0 |
|---|---|---|---|---|---|---|---|
| Sample ID | | | 932052-GW-1 | 932052-GW-2 | 932052-GW-4 | 932052-MW-87-18-1 | 932052-MW-87-20-0 |
| Matrix | | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | | - | - | - | - | - |
| Date Sampled | | | 06/09/06 | 06/09/06 | 06/09/06 | 06/07/06 | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1,1-Trichloroethane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 28 | 5 U |
| 1,1,2,2-Tetrachloroethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1,2-Trichloroethane | UG/L | 1 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1-Dichloroethane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 18 | 5 U |
| 1,1-Dichloroethene | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 6 | 5 U |
| 1,1-Dichloropropene | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| 1,2,3-Trichlorobenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 1,2,3-Trichloropropane | UG/L | 0.04 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2,4-Trichlorobenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 1,2,4-Trimethylbenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 1,2-Dibromo-3-chloropropane | UG/L | 0.04 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/L | 6.00E-04 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dichlorobenzene | UG/L | 3 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 1,2-Dichloroethane | UG/L | 0.6 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| 1,2-Dichloroethene (cis) | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 2,200 D | 5 U |
| 1,2-Dichloroethene (trans) | UG/L | 5 | 5 U | 5 U | 5 U | 6 | 5 U |
| 1,2-Dichloropropane | UG/L | 1 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 1,3-Dichlorobenzene | UG/L | 3 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 1,3-Dichloropropane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,3-Dichloropropene (cis) | UG/L | 0.4 | 5 U | 5 U | 5 U | 5 U | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By DWK 8/16/06

Checked By JNL 8/18/06

**Detection Limits shown are MDL**

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | GW-01 | GW-02 | GW-04 | MW-87-18-1 | MW-87-20-0 |
|---|---|---|---|---|---|---|---|
| Sample ID | | | 932052-GW-1 | 932052-GW-2 | 932052-GW-4 | 932052-MW-87-18-1 | 932052-MW-87-20-0 |
| Matrix | | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | | - | - | - | - | - |
| Date Sampled | | | 06/09/06 | 06/09/06 | 06/09/06 | 06/07/06 | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,3-Dichloropropene (trans) | UG/L | 0.4 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| 1,4-Dichlorobenzene | UG/L | 3 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 2,2-Dichloropropane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| 2-Chlorotoluene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 2-Hexanone | UG/L | 50 | 5 U | 5 U | 5 U | 5 UJ | 5 U |
| 4-Chlorotoluene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 4-Isopropyltoluene (p-Cymene) | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| 4-Methyl-2-pentanone | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Acetone | UG/L | 50 | 100 J | 5 UJ | 5 U | 5 U | 5 U |
| Benzene | UG/L | 1 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Bromobenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Bromochloromethane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Bromodichloromethane | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromoform | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromomethane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Carbon disulfide | UG/L | 60 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Carbon tetrachloride | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Chlorobenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Chloroethane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Chloroform | UG/L | 7 | 5 UJ | 5 UJ | 5 U | 5 UJ | 5 U |
| Chloromethane | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Dibromochloromethane | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By [signature] 8/16/06

Checked By [signature] 8/18/06

**Detection Limits shown are MDL**

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | GW-01 | GW-02 | GW-04 | MW-87-18-1 | MW-87-20-0 |
|---|---|---|---|---|---|---|---|
| Sample ID | | | 932052-GW-1 | 932052-GW-2 | 932052-GW-4 | 932052-MW-87-18-1 | 932052-MW-87-20-0 |
| Matrix | | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | | - | - | - | - | - |
| Date Sampled | | | 06/09/06 | 06/09/06 | 06/09/06 | 06/07/06 | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Dibromomethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Dichlorodifluoromethane | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 UJ |
| Ethylbenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Hexachlorobutadiene | UG/L | 0.5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Iodomethane (Methyl iodide) | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Isopropylbenzene (Cumene) | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Methyl ethyl ketone (2-Butanone) | UG/L | 50 | 35 J | 55 J | 5 U | 5 U | 5 U |
| Methyl tert-butyl ether | UG/L | 10 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Methylene chloride | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Naphthalene | UG/L | 10 | 4 J | 5 UJ | 5 UJ | 5 UJ | 5 U |
| n-Butylbenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| n-Propylbenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| sec-Butylbenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Styrene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| tert-Butylbenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 U | 5 U |
| Tetrachloroethene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Toluene | UG/L | 5 | 3 J | 5 UJ | 1 J | 5 U | 5 U |
| Trichloroethene | UG/L | 5 | 5 U | 5 U | 5 U | 5 | 5 U |
| Trichlorofluoromethane | UG/L | 5 | 5 UJ | 5 UJ | 5 U | 5 UJ | 5 U |
| Vinyl acetate | UG/L | 50 | 5 UJ | 5 UJ | 5 U | 5 U | 5 U |
| Vinyl chloride | UG/L | 2 | 5 UJ | 5 UJ | 5 U | 380 DJ | 5 U |
| Xylene (total) | UG/L | 5 | 1 J | 5 UJ | 5 UJ | 5 U | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Checked By [signature] 8/18/06

**Detection Limits shown are MDL**

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | MW-87-20-1 | MW-87-22-1 | MW-87-23-0 | MW-87-23-1 | MW-89-14-0 |
|---|---|---|---|---|---|---|---|
| Sample ID | | | 932052-MW-87-20-1 | 932052-MW-87-22-1 | 932052-MW-87-23-0 | 932052-MW-87-23-1 | 932052-MW-89-14-0 |
| Matrix | | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | | - | - | - | - | - |
| Date Sampled | | | 06/07/06 | 06/07/06 | 06/07/06 | 06/07/06 | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1,1-Trichloroethane | UG/L | 5 | 12 | 5 U | 5 U | 5 U | 5 U |
| 1,1,2,2-Tetrachloroethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1,2-Trichloroethane | UG/L | 1 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1-Dichloroethane | UG/L | 5 | 5 | 5 U | 5 U | 5 U | 5 U |
| 1,1-Dichloroethene | UG/L | 5 | 6 | 5 U | 5 U | 5 U | 5 U |
| 1,1-Dichloropropene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2,3-Trichlorobenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 1,2,3-Trichloropropane | UG/L | 0.04 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2,4-Trichlorobenzene | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 1,2,4-Trimethylbenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dibromo-3-chloropropane | UG/L | 0.04 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/L | 6.00E-04 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dichlorobenzene | UG/L | 3 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dichloroethane | UG/L | 0.6 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dichloroethene (cis) | UG/L | 5 | 4,800 D | 300 D | 5 U | 24 | 5 U |
| 1,2-Dichloroethene (trans) | UG/L | 5 | 8 | 2 J | 5 U | 5 U | 5 U |
| 1,2-Dichloropropane | UG/L | 1 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,3-Dichlorobenzene | UG/L | 3 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,3-Dichloropropane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,3-Dichloropropene (cis) | UG/L | 0.4 | 5 U | 5 U | 5 U | 5 U | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By [signature] 8/16/06

Checked By [signature] 8/18/06

**Detection Limits shown are MDL**

Advanced Selection: GW
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[MATRIX] = 'WG' AND [LOGDATE] BETWEEN #06/07/06# AND #06/09/06#

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | MW-87-20-1 | MW-87-22-1 | MW-87-23-0 | MW-87-23-1 | MW-89-14-0 |
|---|---|---|---|---|---|---|---|
| Sample ID | | | 932052-MW-87-20-1 | 932052-MW-87-22-1 | 932052-MW-87-23-0 | 932052-MW-87-23-1 | 932052-MW-89-14-0 |
| Matrix | | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | | - | - | - | - | - |
| Date Sampled | | | 06/07/06 | 06/07/06 | 06/07/06 | 06/07/06 | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| 1,3-Dichloropropene (trans) | UG/L | 0.4 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,4-Dichlorobenzene | UG/L | 3 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 2,2-Dichloropropane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 2-Chlorotoluene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 2-Hexanone | UG/L | 50 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 4-Chlorotoluene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Isopropyltoluene (p-Cymene) | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Methyl-2-pentanone | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Acetone | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Benzene | UG/L | 1 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromobenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromochloromethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromodichloromethane | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromoform | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromomethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Carbon disulfide | UG/L | 60 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Carbon tetrachloride | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Chlorobenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Chloroethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Chloroform | UG/L | 7 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 U |
| Chloromethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Dibromochloromethane | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By 9/16/06

Checked By 8/18/06

**Detection Limits shown are MDL**

Advanced Selection: GW
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[MATRIX] = 'WG' AND [LOGDATE] BETWEEN #06/07/06# AND #06/09/06#

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | MW-87-20-1 | MW-87-22-1 | MW-87-23-0 | MW-87-23-1 | MW-89-14-0 |
|---|---|---|---|---|---|---|---|
| Sample ID | | | 932052-MW-87-20-1 | 932052-MW-87-22-1 | 932052-MW-87-23-0 | 932052-MW-87-23-1 | 932052-MW-89-14-0 |
| Matrix | | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | | - | - | - | - | - |
| Date Sampled | | | 06/07/06 | 06/07/06 | 06/07/06 | 06/07/06 | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | | | | | |
| **Volatile Organic Compounds** | | | | | | | |
| Dibromomethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Dichlorodifluoromethane | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 UJ |
| Ethylbenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Hexachlorobutadiene | UG/L | 0.5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Iodomethane (Methyl iodide) | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Isopropylbenzene (Cumene) | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methyl ethyl ketone (2-Butanone) | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methyl tert-butyl ether | UG/L | 10 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methylene chloride | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Naphthalene | UG/L | 10 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 U |
| n-Butylbenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| n-Propylbenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| sec-Butylbenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Styrene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| tert-Butylbenzene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Tetrachloroethene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Toluene | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Trichloroethene | UG/L | 5 | 790 D | 5 U | 5 U | 27 | 5 U |
| Trichlorofluoromethane | UG/L | 5 | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 U |
| Vinyl acetate | UG/L | 50 | 5 U | 5 U | 5 U | 5 U | 5 U |
| Vinyl chloride | UG/L | 2 | 5 | 43 | 5 U | 5 U | 5 U |
| Xylene (total) | UG/L | 5 | 5 U | 5 U | 5 U | 5 U | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By: 8/16/06

Checked By: 8/18/06

**Detection Limits shown are MDL**

Advanced Selection: GW
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[MATRIX] = 'WG' AND [LOGDATE] BETWEEN #06/07/06# AND #06/09/06#

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | MW-89-14-1 |
|---|---|---|---|
| Sample ID | | | 932052-MW-89-14-1 |
| Matrix | | | Groundwater |
| Depth Interval (ft) | | | - |
| Date Sampled | | | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | |
| **Volatile Organic Compounds** | | | |
| 1,1,1,2-Tetrachloroethane | UG/L | 5 | 5 U |
| 1,1,1-Trichloroethane | UG/L | 5 | 10 |
| 1,1,2,2-Tetrachloroethane | UG/L | 5 | 5 U |
| 1,1,2-Trichloroethane | UG/L | 1 | 5 U |
| 1,1-Dichloroethane | UG/L | 5 | 8 |
| 1,1-Dichloroethene | UG/L | 5 | 2 J |
| 1,1-Dichloropropene | UG/L | 5 | 5 U |
| 1,2,3-Trichlorobenzene | UG/L | 5 | 1 J |
| 1,2,3-Trichloropropane | UG/L | 0.04 | 5 U |
| 1,2,4-Trichlorobenzene | UG/L | 5 | 5 UJ |
| 1,2,4-Trimethylbenzene | UG/L | 5 | 5 U |
| 1,2-Dibromo-3-chloropropane | UG/L | 0.04 | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/L | 6.00E-04 | 5 U |
| 1,2-Dichlorobenzene | UG/L | 3 | 5 U |
| 1,2-Dichloroethane | UG/L | 0.6 | 5 U |
| 1,2-Dichloroethene (cis) | UG/L | 5 | 300 D |
| 1,2-Dichloroethene (trans) | UG/L | 5 | 2 J |
| 1,2-Dichloropropane | UG/L | 1 | 5 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/L | 5 | 5 U |
| 1,3-Dichlorobenzene | UG/L | 3 | 5 U |
| 1,3-Dichloropropane | UG/L | 5 | 5 U |
| 1,3-Dichloropropene (cis) | UG/L | 0.4 | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By: 8/16/06

Checked By: 8/18/06

**Detection Limits shown are MDL**

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | MW-89-14-1 |
|---|---|---|---|
| Sample ID | | | 932052-MW-89-14-1 |
| Matrix | | | Groundwater |
| Depth Interval (ft) | | | - |
| Date Sampled | | | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | |
| **Volatile Organic Compounds** | | | |
| 1,3-Dichloropropene (trans) | UG/L | 0.4 | 5 U |
| 1,4-Dichlorobenzene | UG/L | 3 | 5 U |
| 2,2-Dichloropropane | UG/L | 5 | 5 U |
| 2-Chlorotoluene | UG/L | 5 | 5 U |
| 2-Hexanone | UG/L | 50 | 5 UJ |
| 4-Chlorotoluene | UG/L | 5 | 5 U |
| 4-Isopropyltoluene (p-Cymene) | UG/L | 5 | 5 U |
| 4-Methyl-2-pentanone | UG/L | 50 | 5 U |
| Acetone | UG/L | 50 | 5 U |
| Benzene | UG/L | 1 | 5 U |
| Bromobenzene | UG/L | 5 | 5 U |
| Bromochloromethane | UG/L | 5 | 5 U |
| Bromodichloromethane | UG/L | 50 | 5 U |
| Bromoform | UG/L | 50 | 5 U |
| Bromomethane | UG/L | 5 | 5 U |
| Carbon disulfide | UG/L | 60 | 5 U |
| Carbon tetrachloride | UG/L | 5 | 5 U |
| Chlorobenzene | UG/L | 5 | 5 U |
| Chloroethane | UG/L | 5 | 5 U |
| Chloroform | UG/L | 7 | 5 UJ |
| Chloromethane | UG/L | 5 | 5 U |
| Dibromochloromethane | UG/L | 50 | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By: [signature] 8/16/06

Checked By: [signature] 8/18/06

**Detection Limits shown are MDL**

# TABLE 2
# VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | | MW-89-14-1 |
|---|---|---|---|
| Sample ID | | | 932052-MW-89-14-1 |
| Matrix | | | Groundwater |
| Depth Interval (ft) | | | - |
| Date Sampled | | | 06/07/06 |
| **Parameter** | **Units** | **Criteria*** | |
| **Volatile Organic Compounds** | | | |
| Dibromomethane | UG/L | 5 | 5 U |
| Dichlorodifluoromethane | UG/L | 5 | 5 U |
| Ethylbenzene | UG/L | 5 | 5 U |
| Hexachlorobutadiene | UG/L | 0.5 | 5 U |
| Iodomethane (Methyl iodide) | UG/L | 5 | 5 U |
| Isopropylbenzene (Cumene) | UG/L | 5 | 5 U |
| Methyl ethyl ketone (2-Butanone) | UG/L | 50 | 5 U |
| Methyl tert-butyl ether | UG/L | 10 | 5 U |
| Methylene chloride | UG/L | 5 | 5 U |
| Naphthalene | UG/L | 10 | 1 J |
| n-Butylbenzene | UG/L | 5 | 5 U |
| n-Propylbenzene | UG/L | 5 | 5 U |
| sec-Butylbenzene | UG/L | 5 | 5 U |
| Styrene | UG/L | 5 | 5 U |
| tert-Butylbenzene | UG/L | 5 | 5 U |
| Tetrachloroethene | UG/L | 5 | 5 U |
| Toluene | UG/L | 5 | 5 U |
| Trichloroethene | UG/L | 5 | 22 |
| Trichlorofluoromethane | UG/L | 5 | 5 UJ |
| Vinyl acetate | UG/L | 50 | 5 U |
| Vinyl chloride | UG/L | 2 | 10 |
| Xylene (total) | UG/L | 5 | 5 U |

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By 8/16/06

Checked By 8/17/06

**Detection Limits shown are MDL**

# TABLE 3
# VALIDATED SOIL GAS SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | V-01S | V-02S | V-03S | V-03S | V-05S |
|---|---|---|---|---|---|---|
| Sample ID | | 932052-V-ID | 932052-V-2S | 932052-V-3S | 932052-V-3S-DUP | 932052-V-5S |
| Matrix | | Soil Gas | Soil Gas | Soil Gas | Soil Gas | Soil Gas |
| Depth Interval (ft) | | - | - | - | - | - |
| Date Sampled | | 06/09/06 | 06/09/06 | 06/09/06 | 06/09/06 | 06/09/06 |
| Parameter | Units | | | | Field Duplicate (1-1) | |
| **Volatile Organic Compounds** | | | | | | |
| 1,1,1-Trichloroethane | UG/M3 | 1.0 U | 120 | 1.0 U | 1.0 U | 1.0 U |
| 1,1,2,2-Tetrachloroethane | UG/M3 | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | UG/M3 | 1.6 U | 1.8 | 1.6 U | 1.6 U | 7.2 |
| 1,1,2-Trichloroethane | UG/M3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,1-Dichloroethane | UG/M3 | 0.8 U | 1.2 | 0.8 U | 0.8 U | 0.8 U |
| 1,1-Dichloroethene | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2,4-Trichlorobenzene | UG/M3 | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U |
| 1,2,4-Trimethylbenzene | UG/M3 | 3.9 | 190 | 72 | 150 | 28 |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/M3 | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| 1,2-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U |
| 1,2-Dichloroethane | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2-Dichloroethene (cis) | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2-Dichloroethene (trans) | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2-Dichloropropane | UG/M3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dichlorotetrafluoroethane | UG/M3 | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/M3 | 1.4 | 62 | 25 | 52 | 8.8 |
| 1,3-Butadiene | UG/M3 | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 1,3-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U |
| 1,3-Dichloropropene (cis) | UG/M3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,3-Dichloropropene (trans) | UG/M3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,4-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U |
| 2-Hexanone | UG/M3 | 0.8 UJ | 0.8 UJ | 0.8 UJ | 0.8 UJ | 0.8 UJ |
| 4-Ethyltoluene | UG/M3 | 1.9 | 65 | 24 | 50 | 12 |

Flags assigned during chemistry validation are shown.

Made By: 8/16/06
Checked By: 8/18/06

**Detection Limits shown are MDL**

# TABLE 3
# VALIDATED SOIL GAS SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | V-01S | V-02S | V-03S | V-03S | V-05S |
|---|---|---|---|---|---|---|
| Sample ID | | 932052-V-ID | 932052-V-2S | 932052-V-3S | 932052-V-3S-DUP | 932052-V-5S |
| Matrix | | Soil Gas | Soil Gas | Soil Gas | Soil Gas | Soil Gas |
| Depth Interval (ft) | | - | - | - | - | - |
| Date Sampled | | 06/09/06 | 06/09/06 | 06/09/06 | 06/09/06 | 06/09/06 |
| Parameter | Units | | | | Field Duplicate (1-1) | |
| **Volatile Organic Compounds** | | | | | | |
| 4-Methyl-2-pentanone | UG/M3 | 0.8 UJ | 17 J | 0.8 UJ | 0.8 UJ | 0.8 UJ |
| Acetone | UG/M3 | 360 J | 110 J | 210 J | 100 J | 150 J |
| Benzene | UG/M3 | 18 | 41 | 30 | 83 | 18 |
| Bromodichloromethane | UG/M3 | 1.4 U | 1.4 U | 5.2 | 1.4 U | 1.4 U |
| Bromomethane | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Carbon Disulfide | UG/M3 | 2.1 | 39 | 12 | 41 | 26 |
| Carbon Tetrachloride | UG/M3 | 1.4 | 1.2 U | 1.3 | 1.2 U | 1.2 U |
| Chlorobenzene | UG/M3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Chloroethane | UG/M3 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Chloroform | UG/M3 | 1.0 U | 11 | 24 | 50 | 1.8 |
| Chloromethane | UG/M3 | 0.4 U | 0.4 U | 2.4 | .8 U | 0.4 U |
| Cyclohexane | UG/M3 | 1.0 | 8.2 | 18 | 45 | 8.9 |
| Dibromochloromethane | UG/M3 | 1.8 U | 1.8 U | 1.8 U | 1.8 U | 1.8 U |
| Dichlorodifluoromethane | UG/M3 | 1.0 U | 1.0 U | 3.6 | 3.4 | 4.6 |
| Ethyl Acetate | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Ethylbenzene | UG/M3 | 5.9 | 160 | 63 | 150 | 23 |
| Hexachlorobutadiene | UG/M3 | 2.2 U | 2.2 U | 2.2 U | 2.2 U | 2.2 U |
| Hexane | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 77 | 0.8 U |
| m&p-Xylene | UG/M3 | 21 | 650 | 220 | 440 | 94 |
| Methyl ethyl ketone (2-Butanone) | UG/M3 | 9.8 | 43 | 17 | 21 | 5.8 |
| Methyl tert-butyl ether | UG/M3 | 0.8 U | 73 | 31 | 65 | 8.5 |
| Methylene Chloride | UG/M3 | 1.7 UJ | 2.4 UJ | 2.2 UJ | 4.4 J | 3.0 UJ |
| n-Heptane | UG/M3 | 5.3 | 52 | 49 | 150 | 20 |

Flags assigned during chemistry validation are shown.

Made By [signature] 8/16/06
Checked By [signature] 8/18/06

**Detection Limits shown are MDL**

# TABLE 3
# VALIDATED SOIL GAS SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | V-01S | V-02S | V-03S | V-03S | V-05S |
|---|---|---|---|---|---|---|
| Sample ID | | 932052-V-ID | 932052-V-2S | 932052-V-3S | 932052-V-3S-DUP | 932052-V-5S |
| Matrix | | Soil Gas | Soil Gas | Soil Gas | Soil Gas | Soil Gas |
| Depth Interval (ft) | | - | - | - | - | - |
| Date Sampled | | 06/09/06 | 06/09/06 | 06/09/06 | 06/09/06 | 06/09/06 |
| Parameter | Units | | | | Field Duplicate (1-1) | |
| **Volatile Organic Compounds** | | | | | | |
| o-Xylene | UG/M3 | 4.9 | 210 | 83 | 140 | 26 |
| Propylene | UG/M3 | 33 | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| Styrene | UG/M3 | 0.8 U | 2.9 | 0.8 U | 0.8 U | 0.8 U |
| Tetrachloroethene | UG/M3 | 1.8 | 11 | 3.5 | 8.4 | 3.1 |
| Tetrahydrofuran | UG/M3 | 8.2 | 30 | 18 | 34 | 0.6 U |
| Toluene | UG/M3 | 0.8 U | 540 | 190 | 460 | 100 |
| Trichloroethene | UG/M3 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Trichlorofluoromethane | UG/M3 | 2.4 | 5.7 | 2.4 | 2.5 | 3.5 |
| Vinyl Acetate | UG/M3 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Vinyl Chloride | UG/M3 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Benzyl chloride | UG/M3 | 1.0 UJ | 1.0 UJ | 1.0 UJ | 1.0 UJ | 1.0 UJ |
| Ethanol | UG/M3 | 12 J | 4.9 J | 4.1 J | 2.4 J | 17 J |
| Isopropanol | UG/M3 | 1.2 | 2.0 | 1.9 | 0.4 U | 0.4 U |

Flags assigned during chemistry validation are shown.

Made By 9/6/06

Checked By 9/18/06

**Detection Limits shown are MDL**

J:\11174771.00000\DB\EDMS.mde
Printed: 8/16/2006 1:44:42 PM
[MATRIX] = 'GS' AND [LOGDATE] BETWEEN #06/07/06# AND #06/09/06#

# TABLE 4
# VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | FIELDQC |
|---|---|---|
| Sample ID | | TB |
| Matrix | | Water Quality |
| Depth Interval (ft) | | - |
| Date Sampled | | 06/07/06 |
| Parameter | Units | Trip Blank (1-1) |
| **Volatile Organic Compounds** | | |
| 1,1,1,2-Tetrachloroethane | UG/L | 5 U |
| 1,1,1-Trichloroethane | UG/L | 5 U |
| 1,1,2,2-Tetrachloroethane | UG/L | 5 U |
| 1,1,2-Trichloroethane | UG/L | 5 U |
| 1,1-Dichloroethane | UG/L | 5 U |
| 1,1-Dichloroethene | UG/L | 5 U |
| 1,1-Dichloropropene | UG/L | 5 U |
| 1,2,3-Trichlorobenzene | UG/L | 5 UJ |
| 1,2,3-Trichloropropane | UG/L | 5 U |
| 1,2,4-Trichlorobenzene | UG/L | 5 UJ |
| 1,2,4-Trimethylbenzene | UG/L | 5 U |
| 1,2-Dibromo-3-chloropropane | UG/L | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/L | 5 U |
| 1,2-Dichlorobenzene | UG/L | 5 U |
| 1,2-Dichloroethane | UG/L | 5 U |
| 1,2-Dichloroethene (cis) | UG/L | 5 U |
| 1,2-Dichloroethene (trans) | UG/L | 5 U |
| 1,2-Dichloropropane | UG/L | 5 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/L | 5 U |
| 1,3-Dichlorobenzene | UG/L | 5 U |
| 1,3-Dichloropropane | UG/L | 5 U |
| 1,3-Dichloropropene (cis) | UG/L | 5 U |
| 1,3-Dichloropropene (trans) | UG/L | 5 U |

Flags assigned during chemistry validation are shown.

Made By [illegible] 8/16/06
Checked By TPR 9/18/06

**Detection Limits shown are MDL**

# TABLE 4
# VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | FIELDQC |
|---|---|---|
| Sample ID | | TB |
| Matrix | | Water Quality |
| Depth Interval (ft) | | - |
| Date Sampled | | 06/07/06 |
| **Parameter** | **Units** | Trip Blank (1-1) |
| **Volatile Organic Compounds** | | |
| 1,4-Dichlorobenzene | UG/L | 5 U |
| 2,2-Dichloropropane | UG/L | 5 U |
| 2-Chlorotoluene | UG/L | 5 U |
| 2-Hexanone | UG/L | 5 UJ |
| 4-Chlorotoluene | UG/L | 5 U |
| 4-Isopropyltoluene (p-Cymene) | UG/L | 5 U |
| 4-Methyl-2-pentanone | UG/L | 5 U |
| Acetone | UG/L | 5 U |
| Benzene | UG/L | 5 U |
| Bromobenzene | UG/L | 5 U |
| Bromochloromethane | UG/L | 5 U |
| Bromodichloromethane | UG/L | 5 U |
| Bromoform | UG/L | 5 U |
| Bromomethane | UG/L | 5 U |
| Carbon disulfide | UG/L | 5 U |
| Carbon tetrachloride | UG/L | 5 U |
| Chlorobenzene | UG/L | 5 U |
| Chloroethane | UG/L | 5 U |
| Chloroform | UG/L | 2 J |
| Chloromethane | UG/L | 5 U |
| Dibromochloromethane | UG/L | 5 U |
| Dibromomethane | UG/L | 5 U |
| Dichlorodifluoromethane | UG/L | 5 U |

Flags assigned during chemistry validation are shown.

Made By [signature] 8/16/06
Checked By [signature] 8/18/06

**Detection Limits shown are MDL**

# TABLE 4
# VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
# BELL AEROSPACE - TEXTRON, SITE # 9-32-052

| Location ID | | FIELDQC |
|---|---|---|
| Sample ID | | TB |
| Matrix | | Water Quality |
| Depth Interval (ft) | | - |
| Date Sampled | | 06/07/06 |
| **Parameter** | **Units** | Trip Blank (1-1) |
| **Volatile Organic Compounds** | | |
| Ethylbenzene | UG/L | 5 U |
| Hexachlorobutadiene | UG/L | 5 U |
| Iodomethane (Methyl iodide) | UG/L | 5 U |
| Isopropylbenzene (Cumene) | UG/L | 5 U |
| m&p-Xylene | UG/L | 5 U |
| Methyl ethyl ketone (2-Butanone) | UG/L | 5 U |
| Methyl tert-butyl ether | UG/L | 5 U |
| Methylene chloride | UG/L | 5 U |
| Naphthalene | UG/L | 5 UJ |
| n-Butylbenzene | UG/L | 5 U |
| n-Propylbenzene | UG/L | 5 U |
| o-Xylene | UG/L | 5 U |
| sec-Butylbenzene | UG/L | 5 U |
| Styrene | UG/L | 5 U |
| tert-Butylbenzene | UG/L | 5 U |
| Tetrachloroethene | UG/L | 5 U |
| Toluene | UG/L | 5 U |
| Trichloroethene | UG/L | 5 U |
| Trichlorofluoromethane | UG/L | 5 UJ |
| Vinyl acetate | UG/L | 5 U |
| Vinyl chloride | UG/L | 5 U |
| Xylene (total) | UG/L | 5 U |

Flags assigned during chemistry validation are shown.

Made By [signature] 8/16/06
Checked By [signature] 8/18/06

**Detection Limits shown are MDL**

# ATTACHMENT A

# SUPPORT DOCUMENTATION

# CHAIN OF CUSTODY RECORD

**URS**

PROJECT NO. E0765 | SITE NAME BELL TEXTRON

LAB MITKEM

COOLER Two Coolers of

PAGE 1 of 1

SAMPLERS (PRINT/SIGNATURE) DAN TOBIN / JOHN BOYD /

DELIVERY SERVICE: FedEx AIRBILL NO.: 854555279424

TESTS: EPA 8260B

BOTTLE TYPE AND PRESERVATIVE: 4 mL VIAL 4°C

| | LOCATION IDENTIFIER | DATE | TIME | COMP/ GRAB | SAMPLE ID | MATRIX | TOTAL NO. # OF CONTAINERS | 4 mL VIAL 4°C | REMARKS | SAMPLE TYPE | BEGINNING DEPTH (IN FEET) | ENDING DEPTH (IN FEET) | FIELD LOT NO. # (ERPIMS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | ~~932052~~ 87-18-1 | 6/7/06 | 0925 | G | 932052-MW-87-18-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 02 | 87-14-1 | 6/7/06 | 1050 | G | 932052-MW-87-14-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 03 | 87-14-1 | 6/7/06 | 1050 | G | 932052-MW-87-14-1-MS | WG | 3 | 3 | | MS | 0 | 0 | |
| 04 | 87-14-1 | 6/7/06 | 1050 | G | 932052-MW-87-14-1-MSD | WG | 3 | 3 | | SD | 0 | 0 | |
| 05 | 87-22-1 | 6/7/06 | 1230 | G | 932052-MW-87-22-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 06 | 87-20-0 | 6/7/06 | 1440 | G | 932052-MW-87-20-0 | WG | 3 | 3 | | N | 0 | 0 | |
| 07 | 87-20-1 | 6/7/06 | 1550 | G | 932052-MW-87-20-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 08 | 87-23-0 | 6/7/06 | ~~1250~~ 1130 JB | G | 932052-MW-87-23-0 | WG | 3 | 3 | | N | 0 | 0 | |
| 09 | 87-23-1 | 6/7/06 | 1250 | G | 932052-MW-87-23-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 10 | 89-14-0 | 6/7/06 | 1000 | G | 932052-MW-89-14-0 | WG | 3 | 3 | | N | 0 | 0 | |

MS/MSD Done on MW-89-14-0 As per JOHN B (SAMPLER)

**MATRIX CODES**: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

**SAMPLE TYPE CODES**: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED BY (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| | 6/7/06 | 1800 | | | |
| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED FOR LAB BY (SIGNATURE) | DATE | TIME |
| | | | Derrick DeCarlo | 6/8/06 | 8:45 |

SPECIAL INSTRUCTIONS: Contact Ann Marie Kropovitch at 716 856-5636 if questions

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

# CHAIN OF CUSTODY RECORD

**URS**

PROJECT NO. 11174635

SITE NAME Bell - Textron

SAMPLERS (PRINT/SIGNATURE) John Boyd

LAB Mitchem

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: FedEx AIRBILL NO.: _____

TESTS: 8260B

BOTTLE TYPE AND PRESERVATIVE: 40mL Vials

| | LOCATION IDENTIFIER | DATE | TIME | COMP/ GRAB | SAMPLE ID | MATRIX | TOTAL NO.# OF CONTAINERS | REMARKS | SAMPLE TYPE | BEGINNING DEPTH (IN FEET) | ENDING DEPTH (IN FEET) | FIELD LOT NO.# (ERPIMS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | GW-4 | 6/9/06 | 1045 | G | 932052-GW-4 | WG | 2 | ✓ | | | | |
| 11 | GW-1 | 6/9/06 | 0930 | G | 932052-GW-1 | WG | 2 | ✓ | | | | |
| 12 | GW-2 | 6/9/06 | 1315 | G | 932052-GW-2 | WG | 2 | ✓ | | | | |

**MATRIX CODES**

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

**SAMPLE TYPE CODES**

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED BY (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| John Boyd | 6/9/06 | 1900 | [illegible] | | |
| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED FOR LAB BY (SIGNATURE) | DATE | TIME |
| [illegible] | | | Xiangdong Ding | 6/10/06 | 9:10 |

SPECIAL INSTRUCTIONS: Call Ann Marie Kropovitch at 716 856 5636 if questions

10C

*Distribution: Original accompanies shipment, copy to coordinator field files*

URSF-075C/1 OF 1/CofCR/GCM

## SDG Narrative

Mitkem Corporation submits the enclosed data package in response to URS Corporation's Bell Textron project. Under this deliverable, analysis results are presented for twelve aqueous samples that were received on June 9 and 10, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Sample Identifications were shortened where necessary due to limitations in data reporting software. Following the narrative is a table of sample identifications for cross-referencing full client sample ID, shortened client sample ID and laboratory sample ID, along with the Mitkem Work Order.

The analyses were performed according to NYSDEC ASP protocols (2000 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of low recovery of 1,2,3-trichlorobenzene in V6HLCS, low recovery of chloroform in V6JLCS and high recovery of vinyl chloride and chloroethane in V6KLCS.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample MW-89141. Spike recoveries were within the QC limits with the exception of high recovery of cis-1,2-dichloroethene in the matrix spike and high recovery of chloroethane and cis-1,2-dichloroethene in the matrix spike duplicate. Replicate RPDs were within the QC limits.

Sample analysis: internal standard area counts were within QC criteria with the exception of samples GW-1 and GW-2. The samples were not re-analyzed for internal standard area counts as all surrogates were within the QC limits. Due to the high concentration of target analytes, the following samples were re-analyzed at dilution: MW-87171 (16x), MW-87201 (25x), MW-87221 (3x) and MW-89141 (3x). No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng
CLP Project Manager
06/23/06

# Mitkem and Client Sample ID Summary Report*

***Mitkem Workorder:*** E0765

***Client Name:*** URS Corporation

| *Mitkem Sample ID* | *Reported Client Sample ID* | *Full Client Sample ID* |
|---|---|---|
| E 765-01A | MW-87181 | 932052-MW-87-18-1 |
| E765-02A | MW-89141 | 932052-MW-89-14-1 |
| E0765-03A | MW-87221 | 932052-MW-87-22-1 |
| E 765-04A | MW-87200 | 932052-MW-87-20-0 |
| E0765-05A | MW-87201 | 932052-MW-87-20-1 |
| E0765-06A | MW-87230 | 932052-MW-87-23-0 |
| E 65-07A | MW-87231 | 932052-MW-87-23-1 |
| E0765-08A | MW-89140 | 932052-MW-89-14-0 |
| E 765-09A | TB | |
| E 65-10A | GW-4 | 932052-GW-4 |
| E0765-11A | GW-1 | 932052-GW-1 |
| E 65-12A | GW-2 | 932052-GW-2 |

*If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix Spike - Sample No.: V6HLCS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC # | QC. LIMITS REC. |
|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 50 | | 45 | 90 | 77-117 |
| sec-Butylbenzene | 50 | | 42 | 84 | 67-117 |
| 4-Isopropyltoluene | 50 | | 43 | 86 | 68-118 |
| 1,3-Dichlorobenzene | 50 | | 44 | 88 | 80-116 |
| 1,4-Dichlorobenzene | 50 | | 46 | 92 | 80-114 |
| n-Butylbenzene | 50 | | 41 | 82 | 58-121 |
| 1,2-Dichlorobenzene | 50 | | 48 | 96 | 81-116 |
| 1,2-Dibromo-3-chloropro | 50 | | 54 | 108 | 71-126 |
| 1,2,4-Trichlorobenzene | 50 | | 36 | 72 | 67-114 |
| Hexachlorobutadiene | 50 | | 38 | 76 | 50-111 |
| Naphthalene | 50 | | 39 | 78 | 58-133 |
| 1,2,3-Trichlorobenzene | 50 | | 29 | 58* | 64-118 |

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 68 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix Spike - Sample No.: V6JLCS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC # | QC. LIMITS REC. |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 50 | | 40 | 80 | 48-135 |
| Chloromethane | 50 | | 45 | 90 | 60-118 |
| Vinyl Chloride | 50 | | 53 | 106 | 65-113 |
| Bromomethane | 50 | | 57 | 114 | 73-122 |
| Chloroethane | 50 | | 57 | 114 | 72-118 |
| Trichlorofluoromethane | 50 | | 62 | 124 | 68-129 |
| 1,1-Dichloroethene | 50 | | 43 | 86 | 67-121 |
| Acetone | 50 | | 42 | 84 | 38-161 |
| Iodomethane | 50 | | 48 | 96 | 72-130 |
| Carbon Disulfide | 50 | | 42 | 84 | 53-137 |
| Methylene Chloride | 50 | | 44 | 88 | 59-132 |
| trans-1,2-Dichloroethen | 50 | | 45 | 90 | 71-124 |
| Methyl tert-butyl ether | 50 | | 49 | 98 | 75-123 |
| 1,1-Dichloroethane | 50 | | 43 | 86 | 83-116 |
| Vinyl acetate | 50 | | 46 | 92 | 44-160 |
| 2-Butanone | 50 | | 48 | 96 | 64-139 |
| cis-1,2-Dichloroethene | 50 | | 43 | 86 | 83-120 |
| 2,2-Dichloropropane | 50 | | 42 | 84 | 70-129 |
| Bromochloromethane | 50 | | 44 | 88 | 85-124 |
| Chloroform | 50 | | 41 | 82* | 89-118 |
| 1,1,1-Trichloroethane | 50 | | 44 | 88 | 81-122 |
| 1,1-Dichloropropene | 50 | | 46 | 92 | 76-122 |
| Carbon Tetrachloride | 50 | | 45 | 90 | 79-125 |
| 1,2-Dichloroethane | 50 | | 48 | 96 | 83-123 |
| Benzene | 50 | | 44 | 88 | 81-120 |
| Trichloroethene | 50 | | 44 | 88 | 77-121 |
| 1,2-Dichloropropane | 50 | | 44 | 88 | 81-116 |
| Dibromomethane | 50 | | 45 | 90 | 86-124 |

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix Spike - Sample No.: V6KLCS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC # | QC. LIMITS REC. |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 50 | | 43 | 86 | 48-135 |
| Chloromethane | 50 | | 46 | 92 | 60-118 |
| Vinyl Chloride | 50 | | 57 | 114* | 65-113 |
| Bromomethane | 50 | | 57 | 114 | 73-122 |
| Chloroethane | 50 | | 63 | 126* | 72-118 |
| Trichlorofluoromethane | 50 | | 63 | 126 | 68-129 |
| 1,1-Dichloroethene | 50 | | 46 | 92 | 67-121 |
| Acetone | 50 | | 46 | 92 | 38-161 |
| Iodomethane | 50 | | 50 | 100 | 72-130 |
| Carbon Disulfide | 50 | | 46 | 92 | 53-137 |
| Methylene Chloride | 50 | | 45 | 90 | 59-132 |
| trans-1,2-Dichloroethen | 50 | | 46 | 92 | 71-124 |
| Methyl tert-butyl ether | 50 | | 55 | 110 | 75-123 |
| 1,1-Dichloroethane | 50 | | 45 | 90 | 83-116 |
| Vinyl acetate | 50 | | 50 | 100 | 44-160 |
| 2-Butanone | 50 | | 52 | 104 | 64-139 |
| cis-1,2-Dichloroethene | 50 | | 48 | 96 | 83-120 |
| 2,2-Dichloropropane | 50 | | 45 | 90 | 70-129 |
| Bromochloromethane | 50 | | 51 | 102 | 85-124 |
| Chloroform | 50 | | 46 | 92 | 89-118 |
| 1,1,1-Trichloroethane | 50 | | 47 | 94 | 81-122 |
| 1,1-Dichloropropene | 50 | | 46 | 92 | 76-122 |
| Carbon Tetrachloride | 50 | | 48 | 96 | 79-125 |
| 1,2-Dichloroethane | 50 | | 52 | 104 | 83-123 |
| Benzene | 50 | | 48 | 96 | 81-120 |
| Trichloroethene | 50 | | 47 | 94 | 77-121 |
| 1,2-Dichloropropane | 50 | | 47 | 94 | 81-116 |
| Dibromomethane | 50 | | 52 | 104 | 86-124 |

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

* Values outside of QC limits

COMMENTS: _____

5A

# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Lab File ID: V6E3410 BFB Injection Date: 06/12/06

Instrument ID: V6 BFB Injection Time: 1054

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 22.4 |
| 75 | 30.0 - 60.0% of mass 95 | 55.2 |
| 95 | Base Peak, 100% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 6.3 |
| 173 | Less than 2.0% of mass 174 | 0.4 ( 0.5)1 |
| 174 | 50.0 - 100.0% of mass 95 | 85.2 |
| 175 | 5.0 - 9.0% of mass 174 | 6.0 ( 7.1)1 |
| 176 | 95.0 - 101.0% of mass 174 | 83.5 ( 98.0)1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.4 ( 6.4)2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|---|
| 01 | VSTD0506H | VSTD0506H | V6E3411 | 06/12/06 | 1117 |
| 02 | VBLK6H | MB-24155 | V6E3413 | 06/12/06 | 1231 |
| 03 | V6HLCS | LCS-24155 | V6E3416 | 06/12/06 | 1423 |
| 04 | MW-87200 | E0765-04A | V6E3429 | 06/12/06 | 2037 |
| 05 | MW-89140 | E0765-08A | V6E3433 | 06/12/06 | 2233 |
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Instrument ID: V6 Calibration Date: 06/12/06 Time: 1117

Lab File ID: V6E3411 Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

| COMPOUND | $\overline{RRF}$ | RRF50 | MIN RRF | %D | MAX %D | |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.230 | 0.165 | 0.01 | 28.3 | 20.0 | <- |
| Chloromethane | 0.435 | 0.372 | 0.1 | 14.5 | 20.0 | |
| Vinyl Chloride | 0.359 | 0.340 | 0.01 | 5.3 | 20.0 | |
| Bromomethane | 0.259 | 0.244 | 0.01 | 5.8 | 20.0 | |
| Chloroethane | 0.206 | 0.213 | 0.01 | 3.4 | 20.0 | |
| Trichlorofluoromethane | 0.533 | 0.561 | 0.01 | 5.2 | 20.0 | |
| 1,1-Dichloroethene | 0.270 | 0.234 | 0.01 | 13.3 | 20.0 | |
| Acetone | 0.105 | 0.084 | 0.01 | 20.0 | 20.0 | |
| Iodomethane | 0.506 | 0.478 | 0.01 | 5.5 | 20.0 | |
| Carbon Disulfide | 0.929 | 0.838 | 0.01 | 9.8 | 20.0 | |
| Methylene Chloride | 0.287 | 0.246 | 0.01 | 14.3 | 20.0 | |
| trans-1,2-Dichloroethene | 0.305 | 0.272 | 0.01 | 10.8 | 20.0 | |
| Methyl tert-butyl ether | 0.868 | 0.874 | 0.01 | 0.7 | 20.0 | |
| 1,1-Dichloroethane | 0.575 | 0.535 | 0.1 | 7.0 | 20.0 | |
| Vinyl acetate | 1.306 | 1.212 | 0.01 | 7.2 | 20.0 | |
| 2-Butanone | 0.145 | 0.132 | 0.01 | 9.0 | 20.0 | |
| cis-1,2-Dichloroethene | 0.317 | 0.305 | 0.01 | 3.8 | 20.0 | |
| 2,2-Dichloropropane | 0.553 | 0.484 | 0.01 | 12.5 | 20.0 | |
| Bromochloromethane | 0.165 | 0.150 | 0.01 | 9.1 | 20.0 | |
| Chloroform | 0.640 | 0.561 | 0.01 | 12.3 | 20.0 | |
| 1,1,1-Trichloroethane | 0.584 | 0.526 | 0.01 | 9.9 | 20.0 | |
| 1,1-Dichloropropene | 0.146 | 0.136 | 0.01 | 6.8 | 20.0 | |
| Carbon Tetrachloride | 0.543 | 0.503 | 0.01 | 7.4 | 20.0 | |
| 1,2-Dichloroethane | 0.502 | 0.469 | 0.01 | 6.6 | 20.0 | |
| Benzene | 1.162 | 1.059 | 0.01 | 8.9 | 20.0 | |
| Trichloroethene | 0.334 | 0.311 | 0.01 | 6.9 | 20.0 | |
| 1,2-Dichloropropane | 0.309 | 0.275 | 0.01 | 11.0 | 20.0 | |
| Dibromomethane | 0.223 | 0.202 | 0.01 | 9.4 | 20.0 | |
| Bromodichloromethane | 0.462 | 0.431 | 0.01 | 6.7 | 20.0 | |
| cis-1,3-Dichloropropene | 0.502 | 0.459 | 0.01 | 8.6 | 20.0 | |
| 4-Methyl-2-pentanone | 0.304 | 0.286 | 0.01 | 5.9 | 20.0 | |
| Toluene | 1.253 | 1.138 | 0.01 | 9.2 | 20.0 | |
| trans-1,3-Dichloropropene | 0.491 | 0.444 | 0.01 | 9.6 | 20.0 | |
| 1,1,2-Trichloroethane | 0.250 | 0.241 | 0.01 | 3.6 | 20.0 | |
| 1,3-Dichloropropane | 0.580 | 0.555 | 0.01 | 4.3 | 20.0 | |
| Tetrachloroethene | 0.353 | 0.332 | 0.01 | 5.9 | 20.0 | |
| 2-Hexanone | 0.272 | 0.256 | 0.01 | 5.9 | 20.0 | |

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Instrument ID: V6 Calibration Date: 06/12/06 Time: 1117

Lab File ID: V6E3411 Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

| COMPOUND | $\overline{RRF}$ | RRF50 | MIN RRF | %D | MAX %D | |
|---|---|---|---|---|---|---|
| Dibromochloromethane | 0.485 | 0.464 | 0.01 | 4.3 | 20.0 | |
| 1,2-Dibromoethane | 0.389 | 0.367 | 0.01 | 5.6 | 20.0 | |
| Chlorobenzene | 1.080 | 1.004 | 0.3 | 7.0 | 20.0 | |
| 1,1,1,2-Tetrachloroethane | 0.448 | 0.414 | 0.01 | 7.6 | 20.0 | |
| Ethylbenzene | 0.576 | 0.549 | 0.01 | 4.7 | 20.0 | |
| m,p-Xylene | 0.702 | 0.668 | 0.01 | 4.8 | 20.0 | |
| o-Xylene | 0.690 | 0.661 | 0.01 | 4.2 | 20.0 | |
| Xylene (Total) | 0.698 | 0.665 | 0.01 | 4.7 | 20.0 | |
| Styrene | 1.147 | 1.121 | 0.01 | 2.3 | 20.0 | |
| Bromoform | 0.335 | 0.337 | 0.1 | 0.6 | 20.0 | |
| Isopropylbenzene | 1.700 | 1.616 | 0.01 | 4.9 | 20.0 | |
| 1,1,2,2-Tetrachloroethane | 0.885 | 0.855 | 0.3 | 3.4 | 20.0 | |
| Bromobenzene | 0.947 | 0.895 | 0.01 | 5.5 | 20.0 | |
| 1,2,3-Trichloropropane | 0.943 | 1.014 | 0.01 | 7.5 | 20.0 | |
| n-Propylbenzene | 0.964 | 0.904 | 0.01 | 6.2 | 20.0 | |
| 2-Chlorotoluene | 0.875 | 0.844 | 0.01 | 3.5 | 20.0 | |
| 1,3,5-Trimethylbenzene | 3.008 | 2.856 | 0.01 | 5.0 | 20.0 | |
| 4-Chlorotoluene | 0.898 | 0.841 | 0.01 | 6.3 | 20.0 | |
| tert-Butylbenzene | 2.970 | 2.851 | 0.01 | 4.0 | 20.0 | |
| 1,2,4-Trimethylbenzene | 3.073 | 2.921 | 0.01 | 4.9 | 20.0 | |
| sec-Butylbenzene | 3.756 | 3.539 | 0.01 | 5.8 | 20.0 | |
| 4-Isopropyltoluene | 3.087 | 2.873 | 0.01 | 6.9 | 20.0 | |
| 1,3-Dichlorobenzene | 1.746 | 1.585 | 0.01 | 9.2 | 20.0 | |
| 1,4-Dichlorobenzene | 1.737 | 1.632 | 0.01 | 6.0 | 20.0 | |
| n-Butylbenzene | 3.005 | 2.791 | 0.01 | 7.1 | 20.0 | |
| 1,2-Dichlorobenzene | 1.639 | 1.537 | 0.01 | 6.2 | 20.0 | |
| 1,2-Dibromo-3-chloropropane | 0.178 | 0.155 | 0.01 | 12.9 | 20.0 | |
| 1,2,4-Trichlorobenzene | 1.138 | 0.984 | 0.01 | 13.5 | 20.0 | |
| Hexachlorobutadiene | 0.597 | 0.506 | 0.01 | 15.2 | 20.0 | |
| Naphthalene | 2.269 | 1.850 | 0.01 | 18.5 | 20.0 | |
| 1,2,3-Trichlorobenzene | 0.978 | 0.732 | 0.01 | 25.2 | 20.0 | <- |
| Dibromofluoromethane | 0.303 | 0.276 | 0.01 | 8.9 | 20.0 | |
| 1,2-Dichloroethane-d4 | 0.062 | 0.054 | 0.01 | 12.9 | 20.0 | |
| Toluene-d8 | 1.237 | 1.148 | 0.01 | 7.2 | 20.0 | |
| Bromofluorobenzene | 0.519 | 0.475 | 0.01 | 8.5 | 20.0 | |

5A

# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Lab File ID: V6E3440 BFB Injection Date: 06/13/06

Instrument ID: V6 BFB Injection Time: 1241

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 25.5 |
| 75 | 30.0 - 60.0% of mass 95 | 57.7 |
| 95 | Base Peak, 100% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 8.1 |
| 173 | Less than 2.0% of mass 174 | 0.2 ( 0.3)1 |
| 174 | 50.0 - 100.0% of mass 95 | 81.4 |
| 175 | 5.0 - 9.0% of mass 174 | 5.6 ( 6.9)1 |
| 176 | 95.0 - 101.0% of mass 174 | 81.2 ( 99.8)1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.7 ( 7.0)2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|---|
| 01 | VSTD0506J | VSTD0506J | V6E3441 | 06/13/06 | 1302 |
| 02 | VBLK6J | MB-23800 | V6E3442 | 06/13/06 | 1338 |
| 03 | V6JLCS | LCS-23800 | V6E3443 | 06/13/06 | 1447 |
| 04 | MW-89141MS | E0765-02AMS | V6E3445 | 06/13/06 | 1708 |
| 05 | MW-89141MSD | E0765-02AMSD | V6E3446 | 06/13/06 | 1743 |
| 06 | MW-89141 | E0765-02A | V6E3447 | 06/13/06 | 1808 |
| 07 | MW-87181 | E0765-01A | V6E3448 | 06/13/06 | 1837 |
| 08 | MW-87221 | E0765-03A | V6E3449 | 06/13/06 | 1906 |
| 09 | MW-87201 | E0765-05A | V6E3450 | 06/13/06 | 1935 |
| 10 | MW-87230 | E0765-06A | V6E3451 | 06/13/06 | 2004 |
| 11 | MW-87231 | E0765-07A | V6E3452 | 06/13/06 | 2033 |
| 12 | TB | E0765-09A | V6E3453 | 06/13/06 | 2101 |
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Instrument ID: V6 Calibration Date: 06/13/06 Time: 1302

Lab File ID: V6E3441 Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

| COMPOUND | $\overline{RRF}$ | RRF50 | MIN RRF | %D | MAX %D | |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.230 | 0.210 | 0.01 | 8.7 | 20.0 | |
| Chloromethane | 0.435 | 0.402 | 0.1 | 7.6 | 20.0 | |
| Vinyl Chloride | 0.359 | 0.367 | 0.01 | 2.2 | 20.0 | |
| Bromomethane | 0.259 | 0.276 | 0.01 | 6.6 | 20.0 | |
| Chloroethane | 0.206 | 0.243 | 0.01 | 18.0 | 20.0 | |
| Trichlorofluoromethane | 0.533 | 0.674 | 0.01 | 26.4 | 20.0 | <- |
| 1,1-Dichloroethene | 0.270 | 0.224 | 0.01 | 17.0 | 20.0 | |
| Acetone | 0.105 | 0.090 | 0.01 | 14.3 | 20.0 | |
| Iodomethane | 0.506 | 0.456 | 0.01 | 9.9 | 20.0 | |
| Carbon Disulfide | 0.929 | 0.779 | 0.01 | 16.1 | 20.0 | |
| Methylene Chloride | 0.287 | 0.251 | 0.01 | 12.5 | 20.0 | |
| trans-1,2-Dichloroethene | 0.305 | 0.250 | 0.01 | 18.0 | 20.0 | |
| Methyl tert-butyl ether | 0.868 | 0.759 | 0.01 | 12.6 | 20.0 | |
| 1,1-Dichloroethane | 0.575 | 0.483 | 0.1 | 16.0 | 20.0 | |
| Vinyl acetate | 1.306 | 1.085 | 0.01 | 16.9 | 20.0 | |
| 2-Butanone | 0.145 | 0.120 | 0.01 | 17.2 | 20.0 | |
| cis-1,2-Dichloroethene | 0.317 | 0.274 | 0.01 | 13.6 | 20.0 | |
| 2,2-Dichloropropane | 0.553 | 0.452 | 0.01 | 18.3 | 20.0 | |
| Bromochloromethane | 0.165 | 0.148 | 0.01 | 10.3 | 20.0 | |
| Chloroform | 0.640 | 0.527 | 0.01 | 17.6 | 20.0 | |
| 1,1,1-Trichloroethane | 0.584 | 0.509 | 0.01 | 12.8 | 20.0 | |
| 1,1-Dichloropropene | 0.146 | 0.135 | 0.01 | 7.5 | 20.0 | |
| Carbon Tetrachloride | 0.543 | 0.467 | 0.01 | 14.0 | 20.0 | |
| 1,2-Dichloroethane | 0.502 | 0.438 | 0.01 | 12.7 | 20.0 | |
| Benzene | 1.162 | 0.996 | 0.01 | 14.3 | 20.0 | |
| Trichloroethene | 0.334 | 0.278 | 0.01 | 16.8 | 20.0 | |
| 1,2-Dichloropropane | 0.309 | 0.267 | 0.01 | 13.6 | 20.0 | |
| Dibromomethane | 0.223 | 0.186 | 0.01 | 16.6 | 20.0 | |
| Bromodichloromethane | 0.462 | 0.405 | 0.01 | 12.3 | 20.0 | |
| cis-1,3-Dichloropropene | 0.502 | 0.430 | 0.01 | 14.3 | 20.0 | |
| 4-Methyl-2-pentanone | 0.304 | 0.245 | 0.01 | 19.4 | 20.0 | |
| Toluene | 1.253 | 1.076 | 0.01 | 14.1 | 20.0 | |
| trans-1,3-Dichloropropene | 0.491 | 0.404 | 0.01 | 17.7 | 20.0 | |
| 1,1,2-Trichloroethane | 0.250 | 0.227 | 0.01 | 9.2 | 20.0 | |
| 1,3-Dichloropropane | 0.580 | 0.494 | 0.01 | 14.8 | 20.0 | |
| Tetrachloroethene | 0.353 | 0.328 | 0.01 | 7.1 | 20.0 | |
| 2-Hexanone | 0.272 | 0.216 | 0.01 | 20.6 | 20.0 | <- |

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Instrument ID: V6 Calibration Date: 06/13/06 Time: 1302

Lab File ID: V6E3441 Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

| COMPOUND | $\overline{RRF}$ | RRF50 | MIN RRF | %D | MAX %D | |
|---|---|---|---|---|---|---|
| Dibromochloromethane | 0.485 | 0.431 | 0.01 | 11.1 | 20.0 | |
| 1,2-Dibromoethane | 0.389 | 0.338 | 0.01 | 13.1 | 20.0 | |
| Chlorobenzene | 1.080 | 0.948 | 0.3 | 12.2 | 20.0 | |
| 1,1,1,2-Tetrachloroethane | 0.448 | 0.400 | 0.01 | 10.7 | 20.0 | |
| Ethylbenzene | 0.576 | 0.515 | 0.01 | 10.6 | 20.0 | |
| m,p-Xylene | 0.702 | 0.628 | 0.01 | 10.5 | 20.0 | |
| o-Xylene | 0.690 | 0.629 | 0.01 | 8.8 | 20.0 | |
| Xylene (Total) | 0.698 | 0.628 | 0.01 | 10.0 | 20.0 | |
| Styrene | 1.147 | 1.039 | 0.01 | 9.4 | 20.0 | |
| Bromoform | 0.335 | 0.295 | 0.1 | 11.9 | 20.0 | |
| Isopropylbenzene | 1.700 | 1.535 | 0.01 | 9.7 | 20.0 | |
| 1,1,2,2-Tetrachloroethane | 0.885 | 0.745 | 0.3 | 15.8 | 20.0 | |
| Bromobenzene | 0.947 | 0.800 | 0.01 | 15.5 | 20.0 | |
| 1,2,3-Trichloropropane | 0.943 | 0.853 | 0.01 | 9.5 | 20.0 | |
| n-Propylbenzene | 0.964 | 0.813 | 0.01 | 15.7 | 20.0 | |
| 2-Chlorotoluene | 0.875 | 0.730 | 0.01 | 16.6 | 20.0 | |
| 1,3,5-Trimethylbenzene | 3.008 | 2.609 | 0.01 | 13.3 | 20.0 | |
| 4-Chlorotoluene | 0.898 | 0.784 | 0.01 | 12.7 | 20.0 | |
| tert-Butylbenzene | 2.970 | 2.642 | 0.01 | 11.0 | 20.0 | |
| 1,2,4-Trimethylbenzene | 3.073 | 2.640 | 0.01 | 14.1 | 20.0 | |
| sec-Butylbenzene | 3.756 | 3.200 | 0.01 | 14.8 | 20.0 | |
| 4-Isopropyltoluene | 3.087 | 2.709 | 0.01 | 12.2 | 20.0 | |
| 1,3-Dichlorobenzene | 1.746 | 1.462 | 0.01 | 16.3 | 20.0 | |
| 1,4-Dichlorobenzene | 1.737 | 1.517 | 0.01 | 12.7 | 20.0 | |
| n-Butylbenzene | 3.005 | 2.584 | 0.01 | 14.0 | 20.0 | |
| 1,2-Dichlorobenzene | 1.639 | 1.425 | 0.01 | 13.0 | 20.0 | |
| 1,2-Dibromo-3-chloropropane | 0.178 | 0.144 | 0.01 | 19.1 | 20.0 | |
| 1,2,4-Trichlorobenzene | 1.138 | 0.822 | 0.01 | 27.8 | 20.0 | <- |
| Hexachlorobutadiene | 0.597 | 0.489 | 0.01 | 18.1 | 20.0 | |
| Naphthalene | 2.269 | 1.464 | 0.01 | 35.5 | 20.0 | <- |
| 1,2,3-Trichlorobenzene | 0.978 | 0.594 | 0.01 | 39.3 | 20.0 | <- |
| Dibromofluoromethane | 0.303 | 0.275 | 0.01 | 9.2 | 20.0 | |
| 1,2-Dichloroethane-d4 | 0.062 | 0.055 | 0.01 | 11.3 | 20.0 | |
| Toluene-d8 | 1.237 | 1.194 | 0.01 | 3.5 | 20.0 | |
| Bromofluorobenzene | 0.519 | 0.465 | 0.01 | 10.4 | 20.0 | |

5A

# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Lab File ID: V6E3610 BFB Injection Date: 06/21/06

Instrument ID: V6 BFB Injection Time: 0953

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 23.9 |
| 75 | 30.0 - 60.0% of mass 95 | 58.9 |
| 95 | Base Peak, 100% relative abundance | 100.0 |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 |
| 173 | Less than 2.0% of mass 174 | 0.3 ( 0.3)1 |
| 174 | 50.0 - 100.0% of mass 95 | 84.5 |
| 175 | 5.0 - 9.0% of mass 174 | 6.5 ( 7.7)1 |
| 176 | 95.0 - 101.0% of mass 174 | 83.8 ( 99.1)1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.9 ( 7.1)2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|---|
| 01 | VSTD0506Q | VSTD0506Q | V6E3611 | 06/21/06 | 1012 |
| 02 | VBLK6Q | MB-24312 | V6E3612 | 06/21/06 | 1048 |
| 03 | V6QLCS | LCS-24312 | V6E3613 | 06/21/06 | 1125 |
| 04 | GW-4 | E0765-10A | V6E3622 | 06/21/06 | 1623 |
| 05 | GW-1 | E0765-11A | V6E3623 | 06/21/06 | 1648 |
| 06 | GW-2 | E0765-12A | V6E3624 | 06/21/06 | 1713 |
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Instrument ID: V6 Calibration Date: 06/21/06 Time: 1012

Lab File ID: V6E3611 Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

| COMPOUND | $\overline{RRF}$ | RRF50 | MIN RRF | %D | MAX %D | |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.230 | 0.163 | 0.01 | 29.1 | 20.0 | <- |
| Chloromethane | 0.435 | 0.320 | 0.1 | 26.4 | 20.0 | <- |
| Vinyl Chloride | 0.359 | 0.303 | 0.01 | 15.6 | 20.0 | |
| Bromomethane | 0.259 | 0.229 | 0.01 | 11.6 | 20.0 | |
| Chloroethane | 0.206 | 0.211 | 0.01 | 2.4 | 20.0 | |
| Trichlorofluoromethane | 0.533 | 0.601 | 0.01 | 12.8 | 20.0 | |
| 1,1-Dichloroethene | 0.270 | 0.218 | 0.01 | 19.2 | 20.0 | |
| Acetone | 0.105 | 0.094 | 0.01 | 10.5 | 20.0 | |
| Iodomethane | 0.506 | 0.448 | 0.01 | 11.5 | 20.0 | |
| Carbon Disulfide | 0.929 | 0.810 | 0.01 | 12.8 | 20.0 | |
| Methylene Chloride | 0.287 | 0.273 | 0.01 | 4.9 | 20.0 | |
| trans-1,2-Dichloroethene | 0.305 | 0.263 | 0.01 | 13.8 | 20.0 | |
| Methyl tert-butyl ether | 0.868 | 0.884 | 0.01 | 1.8 | 20.0 | |
| 1,1-Dichloroethane | 0.575 | 0.533 | 0.1 | 7.3 | 20.0 | |
| Vinyl acetate | 1.306 | 1.228 | 0.01 | 6.0 | 20.0 | |
| 2-Butanone | 0.145 | 0.146 | 0.01 | 0.7 | 20.0 | |
| cis-1,2-Dichloroethene | 0.317 | 0.304 | 0.01 | 4.1 | 20.0 | |
| 2,2-Dichloropropane | 0.553 | 0.474 | 0.01 | 14.3 | 20.0 | |
| Bromochloromethane | 0.165 | 0.165 | 0.01 | 0.0 | 20.0 | |
| Chloroform | 0.640 | 0.592 | 0.01 | 7.5 | 20.0 | |
| 1,1,1-Trichloroethane | 0.584 | 0.515 | 0.01 | 11.8 | 20.0 | |
| 1,1-Dichloropropene | 0.146 | 0.136 | 0.01 | 6.8 | 20.0 | |
| Carbon Tetrachloride | 0.543 | 0.496 | 0.01 | 8.6 | 20.0 | |
| 1,2-Dichloroethane | 0.502 | 0.528 | 0.01 | 5.2 | 20.0 | |
| Benzene | 1.162 | 1.070 | 0.01 | 7.9 | 20.0 | |
| Trichloroethene | 0.334 | 0.322 | 0.01 | 3.6 | 20.0 | |
| 1,2-Dichloropropane | 0.309 | 0.301 | 0.01 | 2.6 | 20.0 | |
| Dibromomethane | 0.223 | 0.239 | 0.01 | 7.2 | 20.0 | |
| Bromodichloromethane | 0.462 | 0.478 | 0.01 | 3.5 | 20.0 | |
| cis-1,3-Dichloropropene | 0.502 | 0.523 | 0.01 | 4.2 | 20.0 | |
| 4-Methyl-2-pentanone | 0.304 | 0.322 | 0.01 | 5.9 | 20.0 | |
| Toluene | 1.253 | 1.200 | 0.01 | 4.2 | 20.0 | |
| trans-1,3-Dichloropropene | 0.491 | 0.507 | 0.01 | 3.2 | 20.0 | |
| 1,1,2-Trichloroethane | 0.250 | 0.280 | 0.01 | 12.0 | 20.0 | |
| 1,3-Dichloropropane | 0.580 | 0.580 | 0.01 | 0.0 | 20.0 | |
| Tetrachloroethene | 0.353 | 0.334 | 0.01 | 5.4 | 20.0 | |
| 2-Hexanone | 0.272 | 0.267 | 0.01 | 1.8 | 20.0 | |

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Instrument ID: V6 Calibration Date: 06/21/06 Time: 1012

Lab File ID: V6E3611 Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

| COMPOUND | $\overline{RRF}$ | RRF50 | MIN RRF | %D | MAX %D | |
|---|---|---|---|---|---|---|
| Dibromochloromethane | 0.485 | 0.517 | 0.01 | 6.6 | 20.0 | |
| 1,2-Dibromoethane | 0.389 | 0.414 | 0.01 | 6.4 | 20.0 | |
| Chlorobenzene | 1.080 | 1.040 | 0.3 | 3.7 | 20.0 | |
| 1,1,1,2-Tetrachloroethane | 0.448 | 0.459 | 0.01 | 2.4 | 20.0 | |
| Ethylbenzene | 0.576 | 0.539 | 0.01 | 6.4 | 20.0 | |
| m,p-Xylene | 0.702 | 0.660 | 0.01 | 6.0 | 20.0 | |
| o-Xylene | 0.690 | 0.669 | 0.01 | 3.0 | 20.0 | |
| Xylene (Total) | 0.698 | 0.663 | 0.01 | 5.0 | 20.0 | |
| Styrene | 1.147 | 1.140 | 0.01 | 0.6 | 20.0 | |
| Bromoform | 0.335 | 0.366 | 0.1 | 9.2 | 20.0 | |
| Isopropylbenzene | 1.700 | 1.599 | 0.01 | 5.9 | 20.0 | |
| 1,1,2,2-Tetrachloroethane | 0.885 | 0.882 | 0.3 | 0.3 | 20.0 | |
| Bromobenzene | 0.947 | 0.956 | 0.01 | 1.0 | 20.0 | |
| 1,2,3-Trichloropropane | 0.943 | 1.032 | 0.01 | 9.4 | 20.0 | |
| n-Propylbenzene | 0.964 | 0.908 | 0.01 | 5.8 | 20.0 | |
| 2-Chlorotoluene | 0.875 | 0.831 | 0.01 | 5.0 | 20.0 | |
| 1,3,5-Trimethylbenzene | 3.008 | 2.830 | 0.01 | 5.9 | 20.0 | |
| 4-Chlorotoluene | 0.898 | 0.826 | 0.01 | 8.0 | 20.0 | |
| tert-Butylbenzene | 2.970 | 2.758 | 0.01 | 7.1 | 20.0 | |
| 1,2,4-Trimethylbenzene | 3.073 | 2.893 | 0.01 | 5.8 | 20.0 | |
| sec-Butylbenzene | 3.756 | 3.466 | 0.01 | 7.7 | 20.0 | |
| 4-Isopropyltoluene | 3.087 | 2.810 | 0.01 | 9.0 | 20.0 | |
| 1,3-Dichlorobenzene | 1.746 | 1.665 | 0.01 | 4.6 | 20.0 | |
| 1,4-Dichlorobenzene | 1.737 | 1.691 | 0.01 | 2.6 | 20.0 | |
| n-Butylbenzene | 3.005 | 2.722 | 0.01 | 9.4 | 20.0 | |
| 1,2-Dichlorobenzene | 1.639 | 1.618 | 0.01 | 1.3 | 20.0 | |
| 1,2-Dibromo-3-chloropropane | 0.178 | 0.177 | 0.01 | 0.6 | 20.0 | |
| 1,2,4-Trichlorobenzene | 1.138 | 1.027 | 0.01 | 9.8 | 20.0 | |
| Hexachlorobutadiene | 0.597 | 0.496 | 0.01 | 16.9 | 20.0 | |
| Naphthalene | 2.269 | 1.799 | 0.01 | 20.7 | 20.0 | <- |
| 1,2,3-Trichlorobenzene | 0.978 | 0.527 | 0.01 | 46.1 | 20.0 | <- |
| Dibromofluoromethane | 0.303 | 0.304 | 0.01 | 0.3 | 20.0 | |
| 1,2-Dichloroethane-d4 | 0.062 | 0.064 | 0.01 | 3.2 | 20.0 | |
| Toluene-d8 | 1.237 | 1.136 | 0.01 | 8.2 | 20.0 | |
| Bromofluorobenzene | 0.519 | 0.506 | 0.01 | 2.5 | 20.0 | |

8A

# VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Lab File ID (Standard): V6E3611 Date Analyzed: 06/21/06

Instrument ID: V6 Time Analyzed: 1012

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | | IS1 AREA # | RT # | IS2 (CBZ) AREA # | RT # | IS3 (DCB) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1884014 | 5.63 | 1509461 | 9.22 | 807931 | 12.19 |
| | UPPER LIMIT | 3768028 | 6.13 | 3018922 | 9.72 | 1615862 | 12.69 |
| | LOWER LIMIT | 942007 | 5.13 | 754731 | 8.72 | 403966 | 11.69 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | VBLK6Q | 2221507 | 5.63 | 1789752 | 9.21 | 930482 | 12.19 |
| 02 | V6QLCS | 1456103 | 5.63 | 1230956 | 9.21 | 629235 | 12.19 |
| 03 | GW-4 | 1315096 | 5.63 | 1135200 | 9.21 | 627628 | 12.19 |
| 04 | GW-1 | 941908* | 5.63 | 913021 | 9.22 | 531345 | 12.19 |
| 05 | GW-2 | 855374* | 5.63 | 801388 | 9.22 | 472758 | 12.19 |
| 06 | | | | | | | |
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IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

# CHAIN OF CUSTODY RECORD

**URS**

PROJECT NO. 11174635 | SITE NAME Bell Textron

SAMPLERS (PRINT/SIGNATURE) John Boyd

DELIVERY SERVICE: Fed Ex AIRBILL NO.: _____

LAB CONTEST

COOLER _____ of _____

PAGE 1 of 1

**TESTS**

TO-15

**BOTTLE TYPE AND PRESERVATIVE**

6 Liter Summa

| LOCATION IDENTIFIER | DATE | TIME | COMP/ GRAB | SAMPLE ID | MATRIX | TOTAL NO.# OF CONTAINERS | REMARKS | SAMPLE TYPE | BEGINNING DEPTH (IN FEET) | ENDING DEPTH (IN FEET) | FIELD LOT NO.# (ERPIMS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| V-1 | 6/9/06 | 0950 | 2 hr | 932052-V-1D | GS | 1 | ✓ | N. | – | – | – |
| ~~—~~ | | ~~1039~~ | | ~~932052-V-4S~~ | ~~GS~~ | ~~1~~ | ~~✓~~ | N. | – | – | – |
| V-2 | | 1300 | | 932052-V-2S | GS | 1 | ✓ | N. | – | – | – |
| V-3 | | 1159 | | 932052-V-3S | GS | 1 | ✓ | N. | – | – | – |
| — | | — | | 20060609-FD-1 | GS | 1 | ✓ | FR | – | – | – |
| V-5 | | 1419 | | 932052-V-5S | GS | 1 | ✓ | N | – | – | – |

**MATRIX CODES**

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

**SAMPLE TYPE CODES**

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED BY (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| John Boyd | 6/9/06 | 1900 | | | |
| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED FOR LAB BY (SIGNATURE) | DATE | TIME |
| | | | Chris Lynch | 6-12-06 | 1330 |

SPECIAL INSTRUCTIONS

Call Ann Marie Kropovitch at 716 856-5636 w/ questions

7 days per Sue Burney TR 6/12/06

*Distribution: Original accompanies shipment, copy to coordinator field files*

URSF-075C/1 OF 1/CofCR/GCM

con-test®
ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 6/26/2006

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203
ATTN: JOHN BOYD

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER: 11174635

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-97960
JOB NUMBER: 11174635

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

Comments :

LIMS BATCH NO. : LIMS-97960

REVISED REPORT

METHOD TO-15

THE TO-15 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW:

ACETONE - 1.9UG/M3
METHYLENE CHLORIDE - 0.8UG/M3
CHLOROMETHANE - 0.4UG/M3
ETHANOL - 0.3UG/M3
MEK - 0.5UG/M3
M/P XYLENE - 0.5UG/M3

ALL TO-15 SAMPLES WERE ANALYZED UNDILUTED UNLESS SPECIFIED BELOW:

06B19551 - 2X AND 20X FOR ACETONE
06B19552 - 2X AND 20X FOR ACETONE, TOLUENE, ETHYLBENZENE, M/P-XYLENE AND O-XYLENE
06B19553 - 2X AND 20X FOR ACETONE, TOLUENE, M/P-XYLENE AND O-XYLENE
06B19554 - 2X AND 20X FOR ACETONE, TOLUENE, M/P-XYLENE AND O-XYLENE
06B19555 - 2X AND 20X FOR ACETONE

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD TO-15 EXCEPT AS LISTED BELOW:
INITIAL CALIBRATION - ALL STANDARDS MET

CONTINUING CALIBRATION OUTLIERS:MIBK 132%, 2-HEXANONE 135% AND BENZYL CHLORIDE 131%
ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE HIGH SIDE.

LABORATORY CONTROL SAMPLE RECOVERIES WERE ALL WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW:1,2,4-TRICHLOROBENZENE 144%
ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE HIGH SIDE.

ALL TO-15 SURROGATE STANDARD RECOVERIES WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW:NONE OUTSIDE OF CONTROL LIMITS

TENTATIVELY IDENTIFIED COMPOUNDS (TICs) IF REQUESTED ARE LISTED BELOW:NOT REQUESTED

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

| | | |
|---|---|---|
| AIHA 100033 | AIHA ELLAP (LEAD) 100033 | |
| MASSACHUSETTS MA0100 | NEW HAMPSHIRE NELAP 2516 | NEW JERSEY NELAP NJ MA007 (AIR) |
| CONNECTICUT PH-0567 | VERMONT DOH (LEAD) No. LL015036 | |
| NEW YORK ELAP/NELAP 10899 | RHODE ISLAND (LIC. No. 112) | |

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

con-test®
ANALYTICAL LABORATORY



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 6/26/2006

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203
ATTN: JOHN BOYD

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER: 11174635

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-97960
JOB NUMBER: 11174635

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

Edward Denson 6/26/06
SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

Edward Denson
Technical Director

* See end of data tabulation for notes and comments pertaining to this sample

# Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\B061606\B061602.D  Vial: 100
Acq On : 16 Jun 2006 2:47 pm  Operator: TPH
Sample : 10PPBV STD  Inst : AIR Sys B
Misc :  Multiplr: 1.00
MS Integration Params: 11095INT.P

Method : D:\HPCHEM\1\METHODS\TO061306.M (RTE Integrator)
Title : QUANT FILE FOR TO-14/TO-15
Last Update : Wed Jun 14 09:59:02 2006
Response via : Multiple Level Calibration

CHECKED BY: TOM HNITECKI JUN 16 2006

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.06min
Max. RRF Dev : 30% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | BROMOCHLOROMETHANE | 8.000 | 8.000 | 0.0 | 108 | 0.00 |
| 2 | | PROPENE | 10.000 | 9.808 | 1.9 | 117 | 0.00 |
| 3 | | DICHLORODIFLOUROMETHANE | 10.000 | 9.443 | 5.6 | 103 | 0.00 |
| 4 | | CHLOROMETHANE | 10.000 | 9.798 | 2.0 | 117 | 0.00 |
| 5 | | FREON 114 | 10.000 | 9.546 | 4.5 | 106 | 0.00 |
| 6 | | VINYL CHLORIDE | 10.000 | 10.040 | -0.4 | 113 | 0.00 |
| 7 | | 1,3-BUTADIENE | 10.000 | 10.844 | -8.4 | 112 | 0.00 |
| 8 | | BROMOMETHANE | 10.000 | 9.566 | 4.3 | 103 | 0.00 |
| 9 | | CHLOROETHANE | 10.000 | 9.892 | 1.1 | 115 | 0.00 |
| 10 | | ACETONE | 10.000 | 10.386 | -3.9 | 122 | 0.00 |
| 11 | | TRICHLOROFLUOROMETHANE | 10.000 | 9.762 | 2.4 | 106 | 0.00 |
| 12 | | ETHANOL | 10.000 | 10.048 | -0.5 | 116 | 0.00 |
| 13 | | 1,1-DICHLOROETHENE | 10.000 | 9.225 | 7.8 | 101 | 0.00 |
| 14 | | METHYLENE CHLORIDE | 10.000 | 9.782 | 2.2 | 106 | 0.00 |
| 15 | | FREON 113 | 10.000 | 8.259 | 17.4 | 94 | 0.00 |
| 16 | | CARBON DISULFIDE | 10.000 | 8.468 | 15.3 | 93 | 0.00 |
| 17 | | TRANS-1,2-DICHLOROETHENE | 10.000 | 9.294 | 7.1 | 102 | 0.00 |
| 18 | | 1,1-DICHLOROETHANE | 10.000 | 9.314 | 6.9 | 103 | 0.00 |
| 19 | | MTBE | 10.000 | 9.257 | 7.4 | 98 | 0.00 |
| 20 | | IPA | 10.000 | 9.387 | 6.1 | 108 | 0.00 |
| 21 | | 2-BUTANONE(MEK) | 10.000 | 9.534 | 4.7 | 115 | 0.00 |
| 22 | | CIS-1,2-DICHLOROETHENE | 10.000 | 9.477 | 5.2 | 102 | 0.00 |
| 23 | | VINYL ACETATE | 10.000 | 9.875 | 1.3 | 110 | 0.00 |
| 24 | | HEXANE | 10.000 | 9.103 | 9.0 | 107 | 0.00 |
| 25 | | ETHYL ACETATE | 10.000 | 10.357 | -3.6 | 116 | 0.00 |
| 26 | | CHLOROFORM | 10.000 | 8.761 | 12.4 | 95 | 0.00 |
| 27 | | TETRAHYDROFURAN | 10.000 | 10.796 | -8.0 | 112 | 0.00 |
| 28 | | 1,2-DICHLOROETHANE | 10.000 | 9.938 | 0.6 | 105 | 0.00 |
| 29 | | 1,4-DIFLUROBENZENE | 8.000 | 8.000 | 0.0 | 87 | 0.00 |
| 30 | | 1,1,1-TRICHLOROETHANE | 10.000 | 10.448 | -4.5 | 93 | 0.00 |
| 31 | | BENZENE | 10.000 | 10.277 | -2.8 | 95 | 0.00 |
| 32 | | CARBON TETRACHLORIDE | 10.000 | 10.863 | -8.6 | 95 | 0.00 |
| 33 | | CYCLOHEXANE | 10.000 | 10.714 | -7.1 | 102 | 0.00 |
| 34 | | 1,2-DICHLOROPROPANE | 10.000 | 11.845 | -18.5 | 109 | 0.00 |
| 35 | | BROMODICHLOROMETHANE | 10.000 | 10.879 | -8.8 | 97 | 0.00 |
| 36 | | TRICHLOROETHENE | 10.000 | 10.218 | -2.2 | 93 | 0.00 |
| 37 | | HEPTANE | 10.000 | 10.793 | -7.9 | 105 | 0.00 |
| 38 | | MIBK | 10.000 | 13.191 | -31.9# | 112 | 0.00 |
| 39 | | CIS-1,3DICHLOROPROPENE | 10.000 | 10.982 | -9.8 | 98 | 0.00 |
| 40 | | TRANS-1,3-DICHLOROPROPENE | 10.000 | 11.531 | -15.3 | 101 | 0.00 |

(#) = Out of Range

# Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\B061606\B061602.D  Vial: 100
Acq On : 16 Jun 2006 2:47 pm  Operator: 159H
Sample : 10PPBV STD  Inst : AIR Sys B
Misc :  Multiplr: 1.00
MS Integration Params: 11095INT.P

Method : D:\HPCHEM\1\METHODS\TO061306.M (RTE Integrator)
Title : QUANT FILE FOR TO-14/TO-15
Last Update : Wed Jun 14 09:59:02 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.06min
Max. RRF Dev : 30% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 41 | I | CHLOROBENZENE-D5 | 8.000 | 8.000 | 0.0 | 84 | 0.00 |
| 42 | | 1,1,2-TRICHLOROETHANE | 10.000 | 11.240 | -12.4 | 98 | 0.00 |
| 43 | | TOLUENE | 10.000 | 10.558 | -5.6 | 95 | 0.00 |
| 4 | | 2-HEXANONE(MBK) | 10.000 | 13.473 | 34.7# | 106 | 0.00 |
| 45 | | DIBROMOCHLOROMETHANE | 10.000 | 11.183 | -11.8 | 95 | 0.00 |
| 46 | | 1,2-DIBROMOMETHANE | 10.000 | 10.998 | -10.0 | 95 | 0.00 |
| 7 | | TETRACHLOROETHENE | 10.000 | 9.761 | 2.4 | 86 | 0.00 |
| 8 | | CHLOROBENZENE | 10.000 | 10.405 | -4.0 | 92 | 0.00 |
| 49 | | ETHYLBENZENE | 10.000 | 10.795 | -7.9 | 95 | 0.00 |
| 50 | | M/P-XYLENE | 20.000 | 22.012 | -10.1 | 97 | 0.00 |
| 1 | | BROMOFORM | 10.000 | 10.710 | -7.1 | 94 | 0.00 |
| 52 | | STYRENE | 10.000 | 11.143 | -11.4 | 95 | 0.00 |
| 53 | | 0-XYLENE | 10.000 | 10.991 | -9.9 | 99 | 0.00 |
| 4 | | 1,1,2,2-TETRACHLOROETHANE | 10.000 | 11.194 | -11.9 | 104 | 0.00 |
| 5 | S | 4-BROMOFLUROBENZENE | 8.000 | 8.326 | -4.1 | 86 | 0.00 |
| 56 | | 4-ETHYLTOLUENE | 10.000 | 11.712 | -17.1 | 98 | 0.00 |
| 57 | | 1,3,5-TRIMETHYLBENZENE | 10.000 | 11.686 | -16.9 | 99 | 0.00 |
| 3 | | 1,2,4-TRIMETHYLBENZENE | 10.000 | 12.018 | -20.2 | 101 | 0.00 |
| 59 | | 1,3-DICHLOROBENZENE | 10.000 | 11.604 | -16.0 | 99 | 0.00 |
| 60 | | BENZYL CHLORIDE | 10.000 | 13.080 | 30.8# | 101 | 0.00 |
| 61 | | 1,4-DICHLOROBENZENE | 10.000 | 11.372 | -13.7 | 94 | 0.00 |
| 62 | | 1,2-DICHLOROBENZENE | 10.000 | 11.591 | -15.9 | 97 | 0.00 |
| 63 | | 1,2,4-TRICHLOROBENZENE | 10.000 | 11.482 | -14.8 | 86 | 0.00 |
| 64 | | HEXACHLOROBUTADIENE | 10.000 | 10.648 | -6.5 | 89 | 0.00 |

(#) = Out of Range  SPCC's out = 0  CCC's out = 0

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/26/2006 Lims Bat # : LIMS-97960 

QC Batch Number: BATCH-11040

| Sample Id | Analysis | QC Analysis | Values | Units | Limits |
|---|---|---|---|---|---|
| 06B19551 | | | | | |
| | 4-Bromofluorobenzene | Surrogate Recovery | 103.1 | % | 70-130 |
| 06B19552 | | | | | |
| | 4-Bromofluorobenzene | Surrogate Recovery | 107.1 | % | 70-130 |
| 06B19553 | | | | | |
| | 4-Bromofluorobenzene | Surrogate Recovery | 108.1 | % | 70-130 |
| 06B19554 | | | | | |
| | 4-Bromofluorobenzene | Surrogate Recovery | 110.6 | % | 70-130 |
| 06B19555 | | | | | |
| | 4-Bromofluorobenzene | Surrogate Recovery | 105.6 | % | 70-130 |
| BLANK-89456 | | | | | |
| | Acetone | Blank | 1.9 | ug/m3 | |
| | Benzene | Blank | <0.3 | ug/m3 | |
| | Carbon Tetrachloride | Blank | <0.6 | ug/m3 | |
| | Chloroform | Blank | <0.5 | ug/m3 | |
| | 1,2-Dichloroethane | Blank | <0.4 | ug/m3 | |
| | 1,4-Dichlorobenzene | Blank | <0.6 | ug/m3 | |
| | Ethyl Acetate | Blank | <0.4 | ug/m3 | |
| | Ethylbenzene | Blank | <0.4 | ug/m3 | |
| | Hexane | Blank | <0.4 | ug/m3 | |
| | Isopropanol | Blank | <0.2 | ug/m3 | |
| | 2-Butanone (MEK) | Blank | 0.5 | ug/m3 | |
| | 4-Methyl-2-Pentanone (MIBK) | Blank | <0.4 | ug/m3 | |
| | Styrene | Blank | <0.4 | ug/m3 | |
| | Tetrachloroethylene | Blank | <0.7 | ug/m3 | |
| | Toluene | Blank | <0.4 | ug/m3 | |
| | 1,1,1-Trichloroethane | Blank | <0.5 | ug/m3 | |
| | Trichloroethylene | Blank | <0.5 | ug/m3 | |
| | 1,1,2-Trichloro-1,2,2-Trifluoroethane | Blank | <0.8 | ug/m3 | |
| | Trichlorofluoromethane | Blank | <0.6 | ug/m3 | |
| | o-Xylene | Blank | <0.4 | ug/m3 | |
| | m/p-Xylene | Blank | 0.5 | ug/m3 | |
| | 1,2-Dichlorobenzene | Blank | <0.6 | ug/m3 | |
| | 1,3-Dichlorobenzene | Blank | <0.6 | ug/m3 | |
| | 1,1-Dichloroethane | Blank | <0.4 | ug/m3 | |
| | 1,1-Dichloroethylene | Blank | <0.4 | ug/m3 | |
| | Ethanol | Blank | 0.3 | ug/m3 | |
| | 4-Ethyl Toluene | Blank | <0.5 | ug/m3 | |
| | Methyl tert-Butyl Ether (MTBE) | Blank | <0.4 | ug/m3 | |
| | t-1,2-Dichloroethylene | Blank | <0.4 | ug/m3 | |
| | Vinyl Chloride | Blank | <0.3 | ug/m3 | |
| | Methylene Chloride | Blank | 0.8 | ug/m3 | |
| | Chlorobenzene | Blank | <0.5 | ug/m3 | |
| | Chloromethane | Blank | 0.4 | ug/m3 | |

# Response Factor Report AIR Sys B

Method : D:\HPCHEM\1\METHODS\TO061306.M (RTE Integrator) 51
Title : QUANT FILE FOR TO-14/TO-15
Last Update : Wed Jun 14 09:59:02 2006
Response via : Initial Calibration

CHECKED BY: TOM HNITECKI MAY 14 2006

Calibration Files
1 =B061305.D 2 =B061306.D 3 =B061308.D
4 =B061309.D 5 =B061310.D 6 =B061311.D

| | | Compound | 1 | 2 | 3 | 4 | 5 | 6 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | BROMOCHLOROMETHANE | ----------ISTD---------- | | | | | | | |
| 2) | | PROPENE | 0.698 | 0.588 | 0.465 | 0.487 | 0.522 | 0.515 | 0.573 | 18.39 |
| 3) | | DICHLORODIFLOUROMET | 2.152 | 2.013 | 1.673 | 1.763 | 1.892 | 1.898 | 1.905 | 8.25 |
| 4) | | CHLOROMETHANE | 0.676 | 0.548 | 0.418 | 0.448 | 0.495 | 0.509 | 0.544 | 20.56 |
| 5) | | FREON 114 | 1.911 | 1.776 | 1.497 | 1.578 | 1.648 | 1.615 | 1.687 | 8.45 |
| 6) | | VINYL CHLORIDE | 0.590 | 0.514 | 0.415 | 0.444 | 0.485 | 0.497 | 0.503 | 12.73 |
| 7) | | 1,3-BUTADIENE | 0.470 | 0.493 | 0.427 | 0.437 | 0.469 | 0.480 | 0.446 | 11.09 |
| 8) | | BROMOMETHANE | 0.563 | 0.515 | 0.451 | 0.466 | 0.508 | 0.518 | 0.505 | 7.32 |
| 9) | | CHLOROETHANE | 0.261 | 0.236 | 0.179 | 0.192 | 0.208 | 0.214 | 0.223 | 15.30 |
| 10) | | ACETONE | 2.609 | 2.738 | 0.802 | 0.806 | 0.811 | 0.893 | 1.816 | 72.46 L |
| 11) | | TRICHLOROFLUOROMETH | 1.614 | 1.469 | 1.242 | 1.308 | 1.433 | 1.470 | 1.431 | 8.57 |
| 12) | | ETHANOL | 0.349 | 0.300 | 0.144 | 0.140 | 0.141 | 0.152 | 0.250 | 59.46 L |
| 13) | | 1,1-DICHLOROETHENE | 1.237 | 1.148 | 0.957 | 0.990 | 1.092 | 1.106 | 1.101 | 9.06 |
| 14) | | METHYLENE CHLORIDE | 1.332 | 1.117 | 0.762 | 0.763 | 0.835 | 0.846 | 1.030 | 30.46 L |
| 15) | | FREON 113 | 1.357 | 1.296 | 1.083 | 1.118 | 1.164 | 1.155 | 1.218 | 9.39 |
| 16) | | CARBON DISULFIDE | 1.789 | 1.618 | 1.367 | 1.439 | 1.550 | 1.558 | 1.577 | 9.38 |
| 17) | | TRANS-1,2-DICHLOROE | 1.026 | 0.941 | 0.801 | 0.836 | 0.896 | 0.893 | 0.911 | 8.70 |
| 18) | | 1,1-DICHLOROETHANE | 1.220 | 1.244 | 1.023 | 1.066 | 1.134 | 1.137 | 1.151 | 7.48 |
| 19) | | MTBE | 1.261 | 1.484 | 1.202 | 1.287 | 1.322 | 1.394 | 1.290 | 10.16 |
| 20) | | IPA | 0.725 | 0.814 | 0.599 | 0.648 | 0.652 | 0.640 | 0.692 | 11.25 |
| 21) | | 2-BUTANONE(MEK) | 1.291 | 1.801 | 1.141 | 1.247 | 1.263 | 1.355 | 1.402 | 18.01 |
| 22) | | CIS-1,2-DICHLOROETH | 0.958 | 0.951 | 0.828 | 0.844 | 0.912 | 0.896 | 0.907 | 5.96 |
| 23) | | VINYL ACETATE | 2.670 | 2.214 | 1.650 | 1.778 | 1.815 | 1.891 | 2.134 | 22.86 L |
| 24) | | HEXANE | 0.812 | 0.838 | 0.658 | 0.662 | 0.686 | 0.674 | 0.743 | 12.44 |
| 25) | | ETHYL ACETATE | 0.148 | 0.193 | 0.149 | 0.161 | 0.157 | 0.164 | 0.163 | 9.28 |
| 26) | | CHLOROFORM | 1.448 | 1.475 | 1.245 | 1.285 | 1.385 | 1.368 | 1.388 | 7.09 |
| 27) | | TETRAHYDROFURAN | 0.507 | 0.651 | 0.561 | 0.598 | 0.597 | 0.636 | 0.571 | 12.87 |
| 28) | | 1,2-DICHLOROETHANE | 0.977 | 1.059 | 0.885 | 0.945 | 1.015 | 1.056 | 0.993 | 6.28 |
| 29) | | 1,4-DIFLUROBENZENE | ----------ISTD---------- | | | | | | | |
| 30) | | 1,1,1-TRICHLOROETHA | 0.932 | 0.858 | 0.733 | 0.753 | 0.799 | 0.813 | 0.824 | 8.54 |
| 31) | | BENZENE | 1.069 | 1.098 | 0.897 | 0.881 | 0.918 | 0.946 | 0.980 | 9.19 |
| 32) | | CARBON TETRACHLORID | 0.987 | 0.880 | 0.777 | 0.797 | 0.852 | 0.858 | 0.862 | 7.92 |
| 33) | | CYCLOHEXANE | 0.651 | 0.547 | 0.467 | 0.472 | 0.477 | 0.474 | 0.524 | 13.66 |
| 34) | | 1,2-DICHLOROPROPANE | 0.449 | 0.456 | 0.382 | 0.399 | 0.390 | 0.394 | 0.415 | 7.41 |
| 35) | | BROMODICHLOROMETHAN | 1.012 | 1.021 | 0.856 | 0.906 | 0.930 | 0.958 | 0.956 | 6.55 |
| 36) | | TRICHLOROETHENE | 0.529 | 0.530 | 0.445 | 0.459 | 0.465 | 0.451 | 0.489 | 8.97 |
| 37) | | HEPTANE | 0.369 | 0.331 | 0.285 | 0.272 | 0.275 | 0.271 | 0.309 | 14.01 |
| 38) | | MIBK | 0.787 | 0.847 | 0.766 | 0.850 | 0.879 | 0.953 | 0.862 | 8.42 |
| 39) | | CIS-1,3DICHLOROPROP | 0.650 | 0.666 | 0.573 | 0.604 | 0.607 | 0.630 | 0.623 | 4.97 |
| 40) | | TRANS-1,3-DICHLOROP | 0.646 | 0.696 | 0.592 | 0.635 | 0.632 | 0.670 | 0.636 | 6.35 |
| 41) | I | CHLOROBENZENE-D5 | ----------ISTD---------- | | | | | | | |

(#) = Out of Range ### Number of calibration levels exceeded format ###

# ATTACHMENT B

# VALIDATED FORM I's

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3623

Level: (low/med) LOW Date Received: 06/10/06

% Moisture: not dec. _____ Date Analyzed: 06/21/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 100 | |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 35 | |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 3 | J |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



8/14/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW-1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3623

Level: (low/med) LOW Date Received: 06/10/06

% Moisture: not dec. _____ Date Analyzed: 06/21/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 1 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 4 | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3624

Level: (low/med) LOW Date Received: 06/10/06

% Moisture: not dec. _____ Date Analyzed: 06/21/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 55 | |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



8/14/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW-2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3624

Level: (low/med) LOW Date Received: 06/10/06

% Moisture: not dec. _____ Date Analyzed: 06/21/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |



9/4/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3622

Level: (low/med) LOW Date Received: 06/10/06

% Moisture: not dec. _____ Date Analyzed: 06/21/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U J |
| 74-87-3 | Chloromethane | 5 | U J |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U J |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 1 | J J |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



8/4/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3622

Level: (low/med) LOW Date Received: 06/10/06

% Moisture: not dec. _____ Date Analyzed: 06/21/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |



3/14/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87181

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3448

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 380 ~~450~~ | E DJ |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | UJ |
| 75-35-4 | 1,1-Dichloroethene | 6 | |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 6 | |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 18 | |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 2200 ~~2100~~ | E D |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U J |
| 71-55-6 | 1,1,1-Trichloroethane | 28 | |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



6/11/06

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87181

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3448

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U J |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U J |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87181DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-01ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3476

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 16.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 80 | U |
| 74-87-3 | Chloromethane | 80 | U |
| 75-01-4 | Vinyl Chloride | 380 | D |
| 74-83-9 | Bromomethane | 80 | U |
| 75-00-3 | Chloroethane | 80 | U |
| 75-69-4 | Trichlorofluoromethane | 80 | U |
| 75-35-4 | 1,1-Dichloroethene | 80 | U |
| 67-64-1 | Acetone | 80 | U |
| 74-88-4 | Iodomethane | 80 | U |
| 75-15-0 | Carbon Disulfide | 80 | U |
| 75-09-2 | Methylene Chloride | 80 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 80 | U |
| 1634-04-4 | Methyl tert-butyl ether | 80 | U |
| 75-34-3 | 1,1-Dichloroethane | 80 | U |
| 108-05-4 | Vinyl acetate | 80 | U |
| 78-93-3 | 2-Butanone | 80 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 2200 | D |
| 590-20-7 | 2,2-Dichloropropane | 80 | U |
| 74-97-5 | Bromochloromethane | 80 | U |
| 67-66-3 | Chloroform | 80 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 80 | U |
| 563-58-6 | 1,1-Dichloropropene | 80 | U |
| 56-23-5 | Carbon Tetrachloride | 80 | U |
| 107-06-2 | 1,2-Dichloroethane | 80 | U |
| 71-43-2 | Benzene | 80 | U |
| 79-01-6 | Trichloroethene | 80 | U |
| 78-87-5 | 1,2-Dichloropropane | 80 | U |
| 74-95-3 | Dibromomethane | 80 | U |
| 75-27-4 | Bromodichloromethane | 80 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 80 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 80 | U |
| 108-88-3 | Toluene | 80 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 80 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 80 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87181DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-01ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3476

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 16.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 80 | U |
| 127-18-4 | Tetrachloroethene | 80 | U |
| 591-78-6 | 2-Hexanone | 80 | U |
| 124-48-1 | Dibromochloromethane | 80 | U |
| 106-93-4 | 1,2-Dibromoethane | 80 | U |
| 108-90-7 | Chlorobenzene | 80 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 80 | U |
| 100-41-4 | Ethylbenzene | 80 | U |
| ---------- | m,p-Xylene | 80 | U |
| 95-47-6 | o-Xylene | 80 | U |
| 1330-20-7 | Xylene (Total) | 80 | U |
| 100-42-5 | Styrene | 80 | U |
| 75-25-2 | Bromoform | 80 | U |
| 98-82-8 | Isopropylbenzene | 80 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 80 | U |
| 108-86-1 | Bromobenzene | 80 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 80 | U |
| 103-65-1 | n-Propylbenzene | 80 | U |
| 95-49-8 | 2-Chlorotoluene | 80 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 80 | U |
| 106-43-4 | 4-Chlorotoluene | 80 | U |
| 98-06-6 | tert-Butylbenzene | 80 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 80 | U |
| 135-98-8 | sec-Butylbenzene | 80 | U |
| 99-87-6 | 4-Isopropyltoluene | 80 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 80 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 80 | U |
| 104-51-8 | n-Butylbenzene | 80 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 80 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 80 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 80 | U |
| 87-68-3 | Hexachlorobutadiene | 80 | U |
| 91-20-3 | Naphthalene | 80 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 80 | U |



9/1/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87200

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3429

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/12/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |

H



8/1/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87200

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3429

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/12/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U J |



6/14/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87201

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3450

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | | Q |
|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | | 5 | U |
| 74-87-3 | Chloromethane | | 5 | U |
| 75-01-4 | Vinyl Chloride | | 5 | |
| 74-83-9 | Bromomethane | | 5 | U |
| 75-00-3 | Chloroethane | | 5 | U |
| 75-69-4 | Trichlorofluoromethane | | 5 | U J |
| 75-35-4 | 1,1-Dichloroethene | | 6 | |
| 67-64-1 | Acetone | | 5 | U |
| 74-88-4 | Iodomethane | | 5 | U |
| 75-15-0 | Carbon Disulfide | | 5 | U |
| 75-09-2 | Methylene Chloride | | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | | 8 | |
| 1634-04-4 | Methyl tert-butyl ether | | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | | 5 | |
| 108-05-4 | Vinyl acetate | | 5 | U |
| 78-93-3 | 2-Butanone | | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 4500 | 3000 E | D |
| 590-20-7 | 2,2-Dichloropropane | | 5 | U |
| 74-97-5 | Bromochloromethane | | 5 | U |
| 67-66-3 | Chloroform | | 5 | U J |
| 71-55-6 | 1,1,1-Trichloroethane | | 12 | |
| 563-58-6 | 1,1-Dichloropropene | | 5 | U |
| 56-23-5 | Carbon Tetrachloride | | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | | 5 | U |
| 71-43-2 | Benzene | | 5 | U |
| 79-01-6 | Trichloroethene | | 790 E | D |
| 78-87-5 | 1,2-Dichloropropane | | 5 | U |
| 74-95-3 | Dibromomethane | | 5 | U |
| 75-27-4 | Bromodichloromethane | | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | | 5 | U |
| 108-88-3 | Toluene | | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | | 5 | U |



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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87201

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3450

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87201DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-05ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3485

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120 | U |
| 74-87-3 | Chloromethane | 120 | U |
| 75-01-4 | Vinyl Chloride | 120 | U |
| 74-83-9 | Bromomethane | 120 | U |
| 75-00-3 | Chloroethane | 120 | U |
| 75-69-4 | Trichlorofluoromethane | 120 | U |
| 75-35-4 | 1,1-Dichloroethene | 120 | U |
| 67-64-1 | Acetone | 120 | U |
| 74-88-4 | Iodomethane | 120 | U |
| 75-15-0 | Carbon Disulfide | 120 | U |
| 75-09-2 | Methylene Chloride | 120 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 120 | U |
| 1634-04-4 | Methyl tert-butyl ether | 120 | U |
| 75-34-3 | 1,1-Dichloroethane | 120 | U |
| 108-05-4 | Vinyl acetate | 120 | U |
| 78-93-3 | 2-Butanone | 120 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 4800 | D |
| 590-20-7 | 2,2-Dichloropropane | 120 | U |
| 74-97-5 | Bromochloromethane | 120 | U |
| 67-66-3 | Chloroform | 120 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 120 | U |
| 563-58-6 | 1,1-Dichloropropene | 120 | U |
| 56-23-5 | Carbon Tetrachloride | 120 | U |
| 107-06-2 | 1,2-Dichloroethane | 120 | U |
| 71-43-2 | Benzene | 120 | U |
| 79-01-6 | Trichloroethene | 790 | D |
| 78-87-5 | 1,2-Dichloropropane | 120 | U |
| 74-95-3 | Dibromomethane | 120 | U |
| 75-27-4 | Bromodichloromethane | 120 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 120 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 120 | U |
| 108-88-3 | Toluene | 120 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 120 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 120 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87201DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-05ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3485

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 120 | U |
| 127-18-4 | Tetrachloroethene | 120 | U |
| 591-78-6 | 2-Hexanone | 120 | U |
| 124-48-1 | Dibromochloromethane | 120 | U |
| 106-93-4 | 1,2-Dibromoethane | 120 | U |
| 108-90-7 | Chlorobenzene | 120 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 120 | U |
| 100-41-4 | Ethylbenzene | 120 | U |
| ---------- | m,p-Xylene | 120 | U |
| 95-47-6 | o-Xylene | 120 | U |
| 1330-20-7 | Xylene (Total) | 120 | U |
| 100-42-5 | Styrene | 120 | U |
| 75-25-2 | Bromoform | 120 | U |
| 98-82-8 | Isopropylbenzene | 120 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 120 | U |
| 108-86-1 | Bromobenzene | 120 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 120 | U |
| 103-65-1 | n-Propylbenzene | 120 | U |
| 95-49-8 | 2-Chlorotoluene | 120 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120 | U |
| 106-43-4 | 4-Chlorotoluene | 120 | U |
| 98-06-6 | tert-Butylbenzene | 120 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 120 | U |
| 135-98-8 | sec-Butylbenzene | 120 | U |
| 99-87-6 | 4-Isopropyltoluene | 120 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 120 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 120 | U |
| 104-51-8 | n-Butylbenzene | 120 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 120 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 120 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 120 | U |
| 87-68-3 | Hexachlorobutadiene | 120 | U |
| 91-20-3 | Naphthalene | 120 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 120 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87221

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3449

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 43 | |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U J |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 2 | J |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 300 ~~360~~ | E D |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U J |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87221

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3449

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87221DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-03ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3478

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 3.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 15 | U |
| 74-87-3 | Chloromethane | 15 | U |
| 75-01-4 | Vinyl Chloride | 29 | D |
| 74-83-9 | Bromomethane | 15 | U |
| 75-00-3 | Chloroethane | 15 | U |
| 75-69-4 | Trichlorofluoromethane | 15 | U |
| 75-35-4 | 1,1-Dichloroethene | 15 | U |
| 67-64-1 | Acetone | 15 | U |
| 74-88-4 | Iodomethane | 15 | U |
| 75-15-0 | Carbon Disulfide | 15 | U |
| 75-09-2 | Methylene Chloride | 15 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 15 | U |
| 1634-04-4 | Methyl tert-butyl ether | 15 | U |
| 75-34-3 | 1,1-Dichloroethane | 15 | U |
| 108-05-4 | Vinyl acetate | 15 | U |
| 78-93-3 | 2-Butanone | 15 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 300 | D |
| 590-20-7 | 2,2-Dichloropropane | 15 | U |
| 74-97-5 | Bromochloromethane | 15 | U |
| 67-66-3 | Chloroform | 15 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 15 | U |
| 563-58-6 | 1,1-Dichloropropene | 15 | U |
| 56-23-5 | Carbon Tetrachloride | 15 | U |
| 107-06-2 | 1,2-Dichloroethane | 15 | U |
| 71-43-2 | Benzene | 15 | U |
| 79-01-6 | Trichloroethene | 15 | U |
| 78-87-5 | 1,2-Dichloropropane | 15 | U |
| 74-95-3 | Dibromomethane | 15 | U |
| 75-27-4 | Bromodichloromethane | 15 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 15 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 15 | U |
| 108-88-3 | Toluene | 15 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 15 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 15 | U |



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1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87221DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-03ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3478

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 3.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 15 | U |
| 127-18-4 | Tetrachloroethene | 15 | U |
| 591-78-6 | 2-Hexanone | 15 | U |
| 124-48-1 | Dibromochloromethane | 15 | U |
| 106-93-4 | 1,2-Dibromoethane | 15 | U |
| 108-90-7 | Chlorobenzene | 15 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 15 | U |
| 100-41-4 | Ethylbenzene | 15 | U |
| ---------- | m,p-Xylene | 15 | U |
| 95-47-6 | o-Xylene | 15 | U |
| 1330-20-7 | Xylene (Total) | 15 | U |
| 100-42-5 | Styrene | 15 | U |
| 75-25-2 | Bromoform | 15 | U |
| 98-82-8 | Isopropylbenzene | 15 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 15 | U |
| 108-86-1 | Bromobenzene | 15 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 15 | U |
| 103-65-1 | n-Propylbenzene | 15 | U |
| 95-49-8 | 2-Chlorotoluene | 15 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 15 | U |
| 106-43-4 | 4-Chlorotoluene | 15 | U |
| 98-06-6 | tert-Butylbenzene | 15 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 15 | U |
| 135-98-8 | sec-Butylbenzene | 15 | U |
| 99-87-6 | 4-Isopropyltoluene | 15 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 15 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 15 | U |
| 104-51-8 | n-Butylbenzene | 15 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 15 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 15 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 15 | U |
| 87-68-3 | Hexachlorobutadiene | 15 | U |
| 91-20-3 | Naphthalene | 15 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 15 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87230

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3451

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U J |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U J |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87230

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3451

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U J |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U J |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U J |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87231

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3452

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U J |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 24 | |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U J |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 27 | |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-87231

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3452

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U J |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U J |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U J |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-89140

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3433

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/12/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U J |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-89140

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3433

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/12/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U 5 |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-89141

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3447

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 10 | |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U J |
| 75-35-4 | 1,1-Dichloroethene | 2 | J |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 2 | J |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 8 | |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 300 ~~350~~ | E D |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U J |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 22 | |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-89141

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3447

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U J |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U J |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 1 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1 | U J |



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1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-89141DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-02ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V0E3477

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 3.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 15 | U |
| 74-87-3 | Chloromethane | 15 | U |
| 75-01-4 | Vinyl Chloride | 8 | DJ |
| 74-83-9 | Bromomethane | 15 | U |
| 75-00-3 | Chloroethane | 15 | U |
| 75-69-4 | Trichlorofluoromethane | 15 | U |
| 75-35-4 | 1,1-Dichloroethene | 15 | U |
| 67-64-1 | Acetone | 15 | U |
| 74-88-4 | Iodomethane | 15 | U |
| 75-15-0 | Carbon Disulfide | 15 | U |
| 75-09-2 | Methylene Chloride | 15 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 15 | U |
| 1634-04-4 | Methyl tert-butyl ether | 15 | U |
| 75-34-3 | 1,1-Dichloroethane | 15 | U |
| 108-05-4 | Vinyl acetate | 15 | U |
| 78-93-3 | 2-Butanone | 15 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 300 | D |
| 590-20-7 | 2,2-Dichloropropane | 15 | U |
| 74-97-5 | Bromochloromethane | 15 | U |
| 67-66-3 | Chloroform | 15 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 15 | U |
| 563-58-6 | 1,1-Dichloropropene | 15 | U |
| 56-23-5 | Carbon Tetrachloride | 15 | U |
| 107-06-2 | 1,2-Dichloroethane | 15 | U |
| 71-43-2 | Benzene | 15 | U |
| 79-01-6 | Trichloroethene | 18 | D |
| 78-87-5 | 1,2-Dichloropropane | 15 | U |
| 74-95-3 | Dibromomethane | 15 | U |
| 75-27-4 | Bromodichloromethane | 15 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 15 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 15 | U |
| 108-88-3 | Toluene | 15 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 15 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 15 | U |



6/14/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-89141DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-02ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3477

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 3.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 15 | U |
| 127-18-4 | Tetrachloroethene | 15 | U |
| 591-78-6 | 2-Hexanone | 15 | U |
| 124-48-1 | Dibromochloromethane | 15 | U |
| 106-93-4 | 1,2-Dibromoethane | 15 | U |
| 108-90-7 | Chlorobenzene | 15 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 15 | U |
| 100-41-4 | Ethylbenzene | 15 | U |
| ---------- | m,p-Xylene | 15 | U |
| 95-47-6 | o-Xylene | 15 | U |
| 1330-20-7 | Xylene (Total) | 15 | U |
| 100-42-5 | Styrene | 15 | U |
| 75-25-2 | Bromoform | 15 | U |
| 98-82-8 | Isopropylbenzene | 15 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 15 | U |
| 108-86-1 | Bromobenzene | 15 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 15 | U |
| 103-65-1 | n-Propylbenzene | 15 | U |
| 95-49-8 | 2-Chlorotoluene | 15 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 15 | U |
| 106-43-4 | 4-Chlorotoluene | 15 | U |
| 98-06-6 | tert-Butylbenzene | 15 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 15 | U |
| 135-98-8 | sec-Butylbenzene | 15 | U |
| 99-87-6 | 4-Isopropyltoluene | 15 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 15 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 15 | U |
| 104-51-8 | n-Butylbenzene | 15 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 15 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 15 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 15 | U |
| 87-68-3 | Hexachlorobutadiene | 15 | U |
| 91-20-3 | Naphthalene | 15 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 15 | U |



8/1/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3453

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 5 | U |
| 74-87-3 | Chloromethane | 5 | U |
| 75-01-4 | Vinyl Chloride | 5 | U |
| 74-83-9 | Bromomethane | 5 | U |
| 75-00-3 | Chloroethane | 5 | U |
| 75-69-4 | Trichlorofluoromethane | 5 | U J |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 67-64-1 | Acetone | 5 | U |
| 74-88-4 | Iodomethane | 5 | U |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-09-2 | Methylene Chloride | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 1634-04-4 | Methyl tert-butyl ether | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 108-05-4 | Vinyl acetate | 5 | U |
| 78-93-3 | 2-Butanone | 5 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 590-20-7 | 2,2-Dichloropropane | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 2 | J J |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon Tetrachloride | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |



8/11/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0765

Matrix: (soil/water) WATER Lab Sample ID: E0765-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3453

Level: (low/med) LOW Date Received: 06/08/06

% Moisture: not dec. _____ Date Analyzed: 06/13/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 591-78-6 | 2-Hexanone | 5 | U J |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| ---------- | m,p-Xylene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 1330-20-7 | Xylene (Total) | 5 | U |
| 100-42-5 | Styrene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 99-87-6 | 4-Isopropyltoluene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U UJ |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |



8/1/06

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JOHN BOYD
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

6/26/2006


Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-2S**

**Sample ID : 06B19552**

Sampled : 6/9/2006
V-2
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Acetone | ug/m3 | 110 J | 06/17/06 | TPH | 0.4 | | | |
| Benzene | ug/m3 | 41. | 06/17/06 | TPH | 0.6 | | | |
| Benzyl Chloride | ug/m3 | ND UJ | 06/17/06 | TPH | 1.0 | | | |
| Bromodichloromethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Bromomethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,3-Butadiene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| 2-Butanone (MEK) | ug/m3 | 43. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Disulfide | ug/m3 | 39. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Tetrachloride | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Chlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Chlorodibromomethane | ug/m3 | ND | 06/17/06 | TPH | 1.8 | | | |
| Chloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| Chloroform | ug/m3 | 11. | 06/17/06 | TPH | 1.0 | | | |
| Chloromethane | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Cyclohexane | ug/m3 | 8.2 | 06/17/06 | TPH | 0.6 | | | |
| 1,2-Dibromoethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,3-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,4-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Dichlorodifluoromethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,1-Dichloroethane | ug/m3 | 1.2 | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| cis-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| t-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloropropane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| cis-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| trans-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,2-Dichlorotetrafluoroethane (114) | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Ethanol | ug/m3 | 4.9 J | 06/17/06 | TPH | 0.4 | | | |

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

9/1/06

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JOHN BOYD
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

6/26/2006


Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-2S**
**Sample ID : 06B19552**
Sampled : 6/9/2006
V-2
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Ethyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Ethylbenzene | ug/m3 | 160 | 06/17/06 | TPH | 0.8 | | | |
| 4-Ethyl Toluene | ug/m3 | 65. | 06/17/06 | TPH | 1.0 | | | |
| n-Heptane | ug/m3 | 52. | 06/17/06 | TPH | 0.8 | | | |
| Hexachlorobutadiene | ug/m3 | ND | 06/17/06 | TPH | 2.2 | | | |
| Hexane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 2-Hexanone | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Isopropanol | ug/m3 | 2.0 | 06/17/06 | TPH | 0.4 | | | |
| Methyl tert-Butyl Ether (MTBE) | ug/m3 | 73. | 06/17/06 | TPH | 0.8 | | | |
| Methylene Chloride | ug/m3 | 2.4 UJ | 06/17/06 | TPH | 0.6 | | | |
| 4-Methyl-2-Pentanone (MIBK) | ug/m3 | 17. J | 06/17/06 | TPH | 0.8 | | | |
| Propene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Styrene | ug/m3 | 2.9 | 06/17/06 | TPH | 0.8 | | | |
| 1,1,2,2-Tetrachloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Tetrachloroethylene | ug/m3 | 11. | 06/17/06 | TPH | 1.4 | | | |
| Tetrahydrofuran | ug/m3 | 30. | 06/17/06 | TPH | 0.6 | | | |
| Toluene | ug/m3 | 540 | 06/17/06 | TPH | 0.8 | | | |
| 1,2,4-Trichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| 1,1,1-Trichloroethane | ug/m3 | 120 | 06/17/06 | TPH | 1.0 | | | |
| 1,1,2-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichlorofluoromethane | ug/m3 | 5.7 | 06/17/06 | TPH | 1.2 | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ug/m3 | 1.8 | 06/17/06 | TPH | 1.6 | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 190 | 06/17/06 | TPH | 1.0 | | | |
| 1,3,5-Trimethylbenzene | ug/m3 | 62. | 06/17/06 | TPH | 1.0 | | | |
| Vinyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Vinyl Chloride | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| m/p-Xylene | ug/m3 | 650 | 06/17/06 | TPH | 0.8 | | | |
| o-Xylene | ug/m3 | 210 | 06/17/06 | TPH | 0.8 | | | |

7/1/06

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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JOHN BOYD
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

Purchase Order No.:

6/26/2006

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-2S**

Analytical Method:
EPA TO-15
SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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BUFFALO, NY 14203

6/26/2006
Page 25 of 31

Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-5S**
**Sample ID : 06B19555**
Sampled : 6/9/2006
V-5
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Acetone | ug/m3 | 150 J | 06/17/06 | TPH | 0.4 | | | |
| Benzene | ug/m3 | 18. | 06/17/06 | TPH | 0.6 | | | |
| Benzyl Chloride | ug/m3 | ND UJ | 06/17/06 | TPH | 1.0 | | | |
| Bromodichloromethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Bromomethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,3-Butadiene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| 2-Butanone (MEK) | ug/m3 | 5.8 | 06/17/06 | TPH | 0.6 | | | |
| Carbon Disulfide | ug/m3 | 26. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Tetrachloride | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Chlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Chlorodibromomethane | ug/m3 | ND | 06/17/06 | TPH | 1.8 | | | |
| Chloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| Chloroform | ug/m3 | 1.8 | 06/17/06 | TPH | 1.0 | | | |
| Chloromethane | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Cyclohexane | ug/m3 | 8.9 | 06/17/06 | TPH | 0.6 | | | |
| 1,2-Dibromoethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,3-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,4-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Dichlorodifluoromethane | ug/m3 | 4.6 | 06/17/06 | TPH | 1.0 | | | |
| 1,1-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| cis-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| t-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloropropane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| cis-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| trans-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,2-Dichlorotetrafluoroethane (114) | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Ethanol | ug/m3 | 17. J | 06/17/06 | TPH | 0.4 | | | |

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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URS CORPORATION
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BUFFALO, NY 14203

6/26/2006
Page 26 of 31

Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-5S**
**Sample ID : 06B19555**
Sampled : 6/9/2006
V-5
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Ethyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Ethylbenzene | ug/m3 | 23. | 06/17/06 | TPH | 0.8 | | | |
| 4-Ethyl Toluene | ug/m3 | 12. | 06/17/06 | TPH | 1.0 | | | |
| n-Heptane | ug/m3 | 20. | 06/17/06 | TPH | 0.8 | | | |
| Hexachlorobutadiene | ug/m3 | ND | 06/17/06 | TPH | 2.2 | | | |
| Hexane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 2-Hexanone | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Isopropanol | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Methyl tert-Butyl Ether (MTBE) | ug/m3 | 8.5 | 06/17/06 | TPH | 0.8 | | | |
| Methylene Chloride | ug/m3 | 3.0 UJ | 06/17/06 | TPH | 0.6 | | | |
| 4-Methyl-2-Pentanone (MIBK) | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Propene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Styrene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1,2,2-Tetrachloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Tetrachloroethylene | ug/m3 | 3.1 | 06/17/06 | TPH | 1.4 | | | |
| Tetrahydrofuran | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| Toluene | ug/m3 | 100 | 06/17/06 | TPH | 0.8 | | | |
| 1,2,4-Trichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| 1,1,1-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,1,2-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichlorofluoromethane | ug/m3 | 3.5 | 06/17/06 | TPH | 1.2 | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ug/m3 | 7.2 | 06/17/06 | TPH | 1.6 | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 28. | 06/17/06 | TPH | 1.0 | | | |
| 1,3,5-Trimethylbenzene | ug/m3 | 8.8 | 06/17/06 | TPH | 1.0 | | | |
| Vinyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Vinyl Chloride | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| m/p-Xylene | ug/m3 | 94. | 06/17/06 | TPH | 0.8 | | | |
| o-Xylene | ug/m3 | 26. | 06/17/06 | TPH | 0.8 | | | |

8/1/06

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JOHN BOYD
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

Purchase Order No.:

6/26/2006

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-5S**

Analytical Method:
EPA TO-15
SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
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BUFFALO, NY 14203

6/26/2006


Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-ID**
**Sample ID : 06B19551**
Sampled : 6/9/2006
V-1
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Acetone | ug/m3 | 360 J | 06/17/06 | TPH | 0.4 | | | |
| Benzene | ug/m3 | 18. | 06/17/06 | TPH | 0.6 | | | |
| Benzyl Chloride | ug/m3 | ND UJ | 06/17/06 | TPH | 1.0 | | | |
| Bromodichloromethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Bromomethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,3-Butadiene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| 2-Butanone (MEK) | ug/m3 | 9.8 | 06/17/06 | TPH | 0.6 | | | |
| Carbon Disulfide | ug/m3 | 2.1 | 06/17/06 | TPH | 0.6 | | | |
| Carbon Tetrachloride | ug/m3 | 1.4 | 06/17/06 | TPH | 1.2 | | | |
| Chlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Chlorodibromomethane | ug/m3 | ND | 06/17/06 | TPH | 1.8 | | | |
| Chloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| Chloroform | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Chloromethane | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Cyclohexane | ug/m3 | 1.0 | 06/17/06 | TPH | 0.6 | | | |
| 1,2-Dibromoethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,3-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,4-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Dichlorodifluoromethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,1-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| cis-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| t-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloropropane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| cis-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| trans-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,2-Dichlorotetrafluoroethane (114) | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Ethanol | ug/m3 | 12. J | 06/17/06 | TPH | 0.4 | | | |

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BUFFALO, NY 14203

6/26/2006


Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-ID**
**Sample ID : 06B19551**
Sampled : 6/9/2006
V-1
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Ethyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Ethylbenzene | ug/m3 | 5.9 | 06/17/06 | TPH | 0.8 | | | |
| 4-Ethyl Toluene | ug/m3 | 1.9 | 06/17/06 | TPH | 1.0 | | | |
| n-Heptane | ug/m3 | 5.3 | 06/17/06 | TPH | 0.8 | | | |
| Hexachlorobutadiene | ug/m3 | ND | 06/17/06 | TPH | 2.2 | | | |
| Hexane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 2-Hexanone | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Isopropanol | ug/m3 | 1.2 | 06/17/06 | TPH | 0.4 | | | |
| Methyl tert-Butyl Ether (MTBE) | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Methylene Chloride | ug/m3 | 1.7 UJ | 06/17/06 | TPH | 0.6 | | | |
| 4-Methyl-2-Pentanone (MIBK) | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Propene | ug/m3 | 33. | 06/17/06 | TPH | 0.4 | | | |
| Styrene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1,2,2-Tetrachloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Tetrachloroethylene | ug/m3 | 1.8 | 06/17/06 | TPH | 1.4 | | | |
| Tetrahydrofuran | ug/m3 | 8.2 | 06/17/06 | TPH | 0.6 | | | |
| Toluene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2,4-Trichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| 1,1,1-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,1,2-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichlorofluoromethane | ug/m3 | 2.4 | 06/17/06 | TPH | 1.2 | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 3.9 | 06/17/06 | TPH | 1.0 | | | |
| 1,3,5-Trimethylbenzene | ug/m3 | 1.4 | 06/17/06 | TPH | 1.0 | | | |
| Vinyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Vinyl Chloride | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| m/p-Xylene | ug/m3 | 21. | 06/17/06 | TPH | 0.8 | | | |
| o-Xylene | ug/m3 | 4.9 | 06/17/06 | TPH | 0.8 | | | |

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* = See end of report for comments and notes applying to this sample

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Purchase Order No.:

6/26/2006
Page 30 of 31
Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-ID**

Analytical Method:
EPA TO-15
SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.:

6/26/2006
Page 22 of 31
Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-3S**
**Sample ID : 06B19553**
Sampled : 6/9/2006
V-3
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/ F |
|---|---|---|---|---|---|---|---|---|
| Acetone | ug/m3 | 210 J | 06/17/06 | TPH | 0.4 | | | |
| Benzene | ug/m3 | 30. | 06/17/06 | TPH | 0.6 | | | |
| Benzyl Chloride | ug/m3 | ND UJ | 06/17/06 | TPH | 1.0 | | | |
| Bromodichloromethane | ug/m3 | 5.2 | 06/17/06 | TPH | 1.4 | | | |
| Bromomethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,3-Butadiene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| 2-Butanone (MEK) | ug/m3 | 17. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Disulfide | ug/m3 | 12. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Tetrachloride | ug/m3 | 1.3 | 06/17/06 | TPH | 1.2 | | | |
| Chlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Chlorodibromomethane | ug/m3 | ND | 06/17/06 | TPH | 1.8 | | | |
| Chloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| Chloroform | ug/m3 | 24. | 06/17/06 | TPH | 1.0 | | | |
| Chloromethane | ug/m3 | 2.4 | 06/17/06 | TPH | 0.4 | | | |
| Cyclohexane | ug/m3 | 18. | 06/17/06 | TPH | 0.6 | | | |
| 1,2-Dibromoethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,3-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,4-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Dichlorodifluoromethane | ug/m3 | 3.6 | 06/17/06 | TPH | 1.0 | | | |
| 1,1-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| cis-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| t-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloropropane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| cis-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| trans-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,2-Dichlorotetrafluoroethane (114) | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Ethanol | ug/m3 | 4.1 J | 06/17/06 | TPH | 0.4 | | | |

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Purchase Order No.:

6/26/2006
Page 23 of 31
Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-3S**

**Sample ID : 06B19553**

Sampled : 6/9/2006
V-3
Sample Matrix: AIR
Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Ethyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Ethylbenzene | ug/m3 | 63. | 06/17/06 | TPH | 0.8 | | | |
| 4-Ethyl Toluene | ug/m3 | 24. | 06/17/06 | TPH | 1.0 | | | |
| n-Heptane | ug/m3 | 49. | 06/17/06 | TPH | 0.8 | | | |
| Hexachlorobutadiene | ug/m3 | ND | 06/17/06 | TPH | 2.2 | | | |
| Hexane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 2-Hexanone | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Isopropanol | ug/m3 | 1.9 | 06/17/06 | TPH | 0.4 | | | |
| Methyl tert-Butyl Ether (MTBE) | ug/m3 | 31. | 06/17/06 | TPH | 0.8 | | | |
| Methylene Chloride | ug/m3 | 2.2 UJ | 06/17/06 | TPH | 0.6 | | | |
| 4-Methyl-2-Pentanone (MIBK) | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Propene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Styrene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1,2,2-Tetrachloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Tetrachloroethylene | ug/m3 | 3.5 | 06/17/06 | TPH | 1.4 | | | |
| Tetrahydrofuran | ug/m3 | 18. | 06/17/06 | TPH | 0.6 | | | |
| Toluene | ug/m3 | 190 | 06/17/06 | TPH | 0.8 | | | |
| 1,2,4-Trichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| 1,1,1-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,1,2-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichlorofluoromethane | ug/m3 | 2.4 | 06/17/06 | TPH | 1.2 | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 72. | 06/17/06 | TPH | 1.0 | | | |
| 1,3,5-Trimethylbenzene | ug/m3 | 25. | 06/17/06 | TPH | 1.0 | | | |
| Vinyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Vinyl Chloride | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| m/p-Xylene | ug/m3 | 220 | 06/17/06 | TPH | 0.8 | | | |
| o-Xylene | ug/m3 | 83. | 06/17/06 | TPH | 0.8 | | | |

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6/26/2006
Page 24 of 31

Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 932052-V-3S**

Analytical Method:
EPA TO-15
SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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20060609-FD-1
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Purchase Order No.:

6/26/2006
Page 16 of 31

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

932052-V-39

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 20060609-FD-1**

**Sample ID : 06B19554**

Sampled : 6/9/2006
NOT SPECIFIED

Sample Matrix: AIR

Sample Medium : SUMMA

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Acetone | ug/m3 | 100 J | 06/17/06 | TPH | 0.4 | | | |
| Benzene | ug/m3 | 83. | 06/17/06 | TPH | 0.6 | | | |
| Benzyl Chloride | ug/m3 | ND UJ | 06/17/06 | TPH | 1.0 | | | |
| Bromodichloromethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Bromomethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,3-Butadiene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| 2-Butanone (MEK) | ug/m3 | 21. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Disulfide | ug/m3 | 41. | 06/17/06 | TPH | 0.6 | | | |
| Carbon Tetrachloride | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Chlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Chlorodibromomethane | ug/m3 | ND | 06/17/06 | TPH | 1.8 | | | |
| Chloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| Chloroform | ug/m3 | 50. | 06/17/06 | TPH | 1.0 | | | |
| Chloromethane | ug/m3 | 0.8 U | 06/17/06 | TPH | 0.4 | | | |
| Cyclohexane | ug/m3 | 45. | 06/17/06 | TPH | 0.6 | | | |
| 1,2-Dibromoethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,3-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| 1,4-Dichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.2 | | | |
| Dichlorodifluoromethane | ug/m3 | 3.4 | 06/17/06 | TPH | 1.0 | | | |
| 1,1-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloroethane | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| cis-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| t-1,2-Dichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,2-Dichloropropane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| cis-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| trans-1,3-Dichloropropene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,2-Dichlorotetrafluoroethane (114) | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Ethanol | ug/m3 | 2.4 J | 06/17/06 | TPH | 0.4 | | | |

8/1/06

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

932052-V-35

JOHN BOYD
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

6/26/2006


Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 20060609-FD-1**

**Sample ID : 06B19554**

Sampled : 6/9/2006
NOT SPECIFIED
Sample Medium : SUMMA

Sample Matrix: AIR

| | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit Lo | SPEC Limit Hi | P/F |
|---|---|---|---|---|---|---|---|---|
| Ethyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Ethylbenzene | ug/m3 | 150 | 06/17/06 | TPH | 0.8 | | | |
| 4-Ethyl Toluene | ug/m3 | 50. | 06/17/06 | TPH | 1.0 | | | |
| n-Heptane | ug/m3 | 150 | 06/17/06 | TPH | 0.8 | | | |
| Hexachlorobutadiene | ug/m3 | ND | 06/17/06 | TPH | 2.2 | | | |
| Hexane | ug/m3 | 77. | 06/17/06 | TPH | 0.8 | | | |
| 2-Hexanone | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Isopropanol | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Methyl tert-Butyl Ether (MTBE) | ug/m3 | 65. | 06/17/06 | TPH | 0.8 | | | |
| Methylene Chloride | ug/m3 | 4.4 J | 06/17/06 | TPH | 0.6 | | | |
| 4-Methyl-2-Pentanone (MIBK) | ug/m3 | ND UJ | 06/17/06 | TPH | 0.8 | | | |
| Propene | ug/m3 | ND | 06/17/06 | TPH | 0.4 | | | |
| Styrene | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| 1,1,2,2-Tetrachloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| Tetrachloroethylene | ug/m3 | 8.4 | 06/17/06 | TPH | 1.4 | | | |
| Tetrahydrofuran | ug/m3 | 34. | 06/17/06 | TPH | 0.6 | | | |
| Toluene | ug/m3 | 460 | 06/17/06 | TPH | 0.8 | | | |
| 1,2,4-Trichlorobenzene | ug/m3 | ND | 06/17/06 | TPH | 1.4 | | | |
| 1,1,1-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| 1,1,2-Trichloroethane | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichloroethylene | ug/m3 | ND | 06/17/06 | TPH | 1.0 | | | |
| Trichlorofluoromethane | ug/m3 | 2.5 | 06/17/06 | TPH | 1.2 | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ug/m3 | ND | 06/17/06 | TPH | 1.6 | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 150 | 06/17/06 | TPH | 1.0 | | | |
| 1,3,5-Trimethylbenzene | ug/m3 | 52. | 06/17/06 | TPH | 1.0 | | | |
| Vinyl Acetate | ug/m3 | ND | 06/17/06 | TPH | 0.8 | | | |
| Vinyl Chloride | ug/m3 | ND | 06/17/06 | TPH | 0.6 | | | |
| m/p-Xylene | ug/m3 | 440 | 06/17/06 | TPH | 0.8 | | | |
| o-Xylene | ug/m3 | 140 | 06/17/06 | TPH | 0.8 | | | |

8/1/06

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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* = See end of report for comments and notes applying to this sample

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

932052-V-3S

JOHN BOYD
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

6/26/2006


Purchase Order No.:

Project Number: 11174635
LIMS-BAT #: LIMS-97960
Job Number: 11174635

Project Location: BELL TEXTRM
Date Received: 6/12/2006
**Field Sample # : 20060609-FD-1**

Analytical Method:
EPA TO-15
SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

# ATTACHMENT C

# SOIL VAPOR SAMPLING RECORDS

# Summa Canister Sampling Field Data Sheet

Site: Bed Tryon
Samplers: John Boyd
Date: 6/9/06

| Sample # | 932052-V-35 | 20060609-FD-1 | 932052-V-55 | | |
|---|---|---|---|---|---|
| Location | Walmore → ROAD | | DUNKIN DONUTS | | |
| Summa Canister ID | ~~#37~~ 3442 | 4412 | 3336 | | |
| Flow Controller ID | 32 | 23 | 42 | | |
| Additional Tubing Added | NO/ (YES) - How much 1' | NO/ (YES) - How much 1' | NO/ (YES) - How much 1' | NO/ YES - How much | NO/ YES - How much |
| Purge Time (Start) | 1139 | 1139 | 1408 | | |
| Purge Time (Stop) | 1143 | 1143 | ~~1415~~ 1423 | | |
| Total Purge Time (min) | 5 MIN | 5 MIN | 5 MIN | | |
| Purge Volume | 1 LITER | 1 LITER | 1 LITER | | |
| PID Test of Purge Air = | 2700ppb | 2700 ppb | 4000 | | |
| Initial Tracer Gas Results | 1.8%/5.4% | 1.8/5.4% | 0 PPM | | |
| Pressure Gauge - before sampling | -30+ | -30 | -30+ | | |
| Sample Time (Start) | 1159 | 1159 | 1419 | | |
| Sample Time (Stop) | 1456 | 1300 | 1617 | | |
| Total Sample Time (min) | 2hr 57 MIN | 61 MIN | 1hr 58 MIN | | |
| Pressure Gauge - after sampling | -6 | -3 | -4 | | |
| Sample Volume | 6 LITER | 6 LITER | 6 LITER | | |
| Canister Pressure Went To Ambient Pressure? | YES / (NO) | YES / (NO) | YES / (NO) | YES / NO | YES / NO |
| Final Tracer Gas Results | 11,720 PPM | 11.720 PPM | 0 ppb | | |
| Associated Ambient ~~Air~~ Sample Number | | | | | |

General Comments:

NOTE. Second Tryon V-35 WAS DUP of 932052-V-35

PPB PAE = ~~3330~~ ppb.

# Summa Canister Sampling Field Data Sheet

Site: Bell - Textron
Samplers: John Boyd
Date: 6/9/06

| Sample # | 932052-V-15 | 932052-V-10 | 932052-V-45 | 932052-V-35 | ~~93052-V-25~~ 932052-V2-S |
|---|---|---|---|---|---|
| Location | Bell-Textron Parking Lot | → | Niagara Road | Walmore Road | Walmore Rd |
| Summa Canister ID | 1377 | 3373 | 1377 | 1708 | 1708 |
| Flow Controller ID | CT 60 | CT 70 | CT60 | 55 | 55 |
| Additional Tubing Added | NO/ (YES) - How much 1' | NO/ (YES) - How much 1' | NO/ (YES) - How much 1' | NO/ (YES) - How much 1' | NO/ (YES) How much 1' |
| Purge Time (Start) | | 0930 | 1029 | 1251 | 1251 |
| Purge Time (Stop) | | 0935 | 1034 | 1256 | 1256 |
| Total Purge Time (min) | | 5 MIN | 5 MIN | 5 MIN | 5 MIN |
| Purge Volume | | 1 LITER | 1 LITER | 1 LITER | 1 LITER |
| PID Test of Purge Air | | NOT TAKEN | 8/0 | 2100 | 2100 |
| Initial Tracer Gas Results | | 0 PPM | 0 PPM | 0 PPM | 0 PPM |
| Pressure Gauge - before sampling | ~~-30~~ | ~~-30~~ | -29 | | -30 |
| Sample Time (Start) | 0950 | 0950 | 1039 | | 1300 |
| Sample Time (Stop) | | 1514 | 1652 | | 1435 |
| Total Sample Time (min) | | ~~7 hrs and 15 MIN (425 min)~~ 5 HRS, 24 MIN | 6 HRS and 13 MIN | | 1 hr 35 MIN |
| Pressure Gauge - after sampling | | -6 | -28.5 | | -5 |
| Sample Volume | | 6 LITER | 6 LITER | | 6 LITER |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES (NO) | YES / NO | YES / NO | YES (NO) |
| Final Tracer Gas Results | | ~~0 PPM~~ 1250 PPM | DID NOT check | | 5500 PPM |
| Associated Ambient Air Sample Number | | | | | |

General Comments: DID NOT ANALYZE - DID NOT pull IN Sample

# ATTACHMENT D

# CHAIN OF CUSTODY RECORDS

# CHAIN OF CUSTODY RECORD

**URS**

PROJECT NO. 11174635

SITE NAME Bell Textron

SAMPLERS (PRINT/SIGNATURE) John Boyd

Fed Ex

DELIVERY SERVICE: _____ AIRBILL NO.: _____

LAB ConTest

COOLER _____ of _____

PAGE 1 of 1

TESTS: TO-15

BOTTLE TYPE AND PRESERVATIVE: 6 Liter Summa

| LOCATION IDENTIFIER | DATE | TIME | COMP/ GRAB | SAMPLE ID | MATRIX | TOTAL NO. OF CONTAINERS | REMARKS | SAMPLE TYPE | BEGINNING DEPTH (IN FEET) | ENDING DEPTH (IN FEET) | FIELD LOT NO. # (ERPIMS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| V-1 | 6/9/06 | 0950 | 2 hr | 932052-V-1D | GS | 1 | | N | - | - | - |
| | | 1039 | | 932052-V-4S | GS | 1 | | N | - | - | - |
| V-2 | | 1300 | | 932052-V-2S | GS | 1 | | N | - | - | - |
| V-3 | | 1159 | | 932052-V-3S | GS | 1 | | N | - | - | - |
| — | | — | | 20060609-FD-1 | GS | 1 | | FR | - | - | - |
| V-5 | | 1419 | | 932052-V-5S | GS | 1 | | N | - | - | - |

**MATRIX CODES**

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

**SAMPLE TYPE CODES**

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED BY (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| | 6/9/06 | 1900 | | | |
| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED FOR LAB BY (SIGNATURE) | DATE | TIME |
| | | | | | |

SPECIAL INSTRUCTIONS

Call Ann Marie Kropovitch at 716 856-5636 of questions

*Distribution: Original accompanies shipment, copy to coordinator field files*

# CHAIN OF CUSTODY RECORD

URS

PROJECT NO.

SITE NAME: BELL TEXTRON

LAB: MITKEM

COOLER: Two Coolers of

PAGE: 1 of 1

SAMPLERS (PRINT/SIGNATURE): DAVID TOBIN / JOHN BOYD

DELIVERY SERVICE: FedEx

AIRBILL NO.: 854555279424

TESTS: EPA 8260B

BOTTLE TYPE AND PRESERVATIVE: 4 mL VIAL 4°C

| LOCATION IDENTIFIER | DATE | TIME | COMP/ GRAB | SAMPLE ID | MATRIX | TOTAL NO. OF CONTAINERS | | REMARKS | SAMPLE TYPE | BEGINNING DEPTH (IN FEET) | ENDING DEPTH (IN FEET) | FIELD LOT NO. # (ERPIMS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87-18-1 | 6/7/06 | 0925 | G | 932052-MW-87-18-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 87-14-1 | 6/7/06 | 1050 | G | 932052-MW-89-14-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 87-14-1 | 6/7/06 | 1050 | G | 932052-MW-89-14-1-MS | WG | 3 | 3 | | MS | 0 | 0 | |
| 87-14-1 | 6/7/06 | 1050 | G | 932052-MW-89-14-1-MSD | WG | 3 | 3 | | SD | 0 | 0 | |
| 87-22-1 | 6/7/06 | 1230 | G | 932052-MW-87-22-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 87-20-0 | 6/7/06 | 1440 | G | 932052-MW-87-20-0 | WG | 3 | 3 | | N | 0 | 0 | |
| 87-20-1 | 6/7/06 | 1550 | G | 932052-MW-87-20-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 87-23-0 | 6/7/06 | 1130 ~~1250~~ TB | G | 932052-MW-87-23-0 | WG | 3 | 3 | | N | 0 | 0 | |
| 87-23-1 | 6/7/06 | 1250 | G | 932052-MW-87-23-1 | WG | 3 | 3 | | N | 0 | 0 | |
| 89-14-0 | 6/7/06 | 1000 | G | 932052-MW-89-14-0 | WG | 3 | 3 | | N | 0 | 0 | |

Should be MW-89-14-1 Bottles Correct

| MATRIX CODES | | | | | | |
|---|---|---|---|---|---|---|
| | AA - AMBIENT AIR | SL - SLUDGE | WG - GROUND WATER | WL - LEACHATE | WO - OCEAN WATER | LH - HAZARDOUS LIQUID WASTE |
| | SE - SEDIMENT | WP - DRINKING WATER | SO - SOIL | GS - SOIL GAS | WS - SURFACE WATER | LF - FLOATING/FREE PRODUCT ON GW TABLE |
| | SH - HAZARDOUS SOLID WASTE | WW - WASTE WATER | DC - DRILL CUTTINGS | WC - DRILLING WATER | WQ - WATER FIELD QC | |

| SAMPLE TYPE CODES | | | | |
|---|---|---|---|---|
| | TB# - TRIP BLANK | RB# - RINSE BLANK | N# - NORMAL ENVIRONMENTAL SAMPLE | (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY) |
| | SD# - MATRIX SPIKE DUPLICATE | FR# - FIELD REPLICATE | MS# - MATRIX SPIKE | |

| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED BY (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| | 6/7/06 | 1800 | | | |
| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED FOR LAB BY (SIGNATURE) | DATE | TIME |
| | | | | | |

SPECIAL INSTRUCTIONS: Contact Ann Marie Kropovitch at 716 856-5636 if questions

*Distribution: Original accompanies shipment, copy to coordinator field files*

URSF-075C/1 OF 1/CofCR/GCM

# CHAIN OF CUSTODY RECORD

**URS**

| PROJECT NO. | SITE NAME |
|---|---|
| 11174635 | Bell - Textron |

SAMPLERS (PRINT/SIGNATURE): John Boyd

DELIVERY SERVICE: Fed Ex AIRBILL NO.: _____

LAB: Mitchem

COOLER: 1 of 1

PAGE: 1 of 1

TESTS: 8260B

BOTTLE TYPE AND PRESERVATIVE: 40mL VIALS

| LOCATION IDENTIFIER | DATE | TIME | COMP/ GRAB | SAMPLE ID | MATRIX | TOTAL NO. OF CONTAINERS | 40mL VIALS | REMARKS | SAMPLE TYPE | BEGINNING DEPTH (IN FEET) | ENDING DEPTH (IN FEET) | FIELD LOT NO. # (ERPIMS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GW-4 | 6/9/06 | 1045 | G | 932052-GW-4 | WG | 2 | ✓ | | | | | |
| GW-1 | 6/9/06 | 0930 | G | 932052-GW-1 | WG | 2 | ✓ | | | | | |
| GW-2 | 6/9/06 | 1315 | G | 932052-GW-2 | WG | 2 | ✓ | | | | | |

**MATRIX CODES**

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

**SAMPLE TYPE CODES**

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED BY (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| John Boyd | 6/9/06 | 1900 | [illegible] | | |
| RELINQUISHED BY (SIGNATURE) | DATE | TIME | RECEIVED FOR LAB BY (SIGNATURE) | DATE | TIME |
| [illegible] | | | | | |

SPECIAL INSTRUCTIONS: Call Ann Marie Knapovitch at 716 856 5636 if questions

*Distribution: Original accompanies shipment, copy to coordinator field files*

# ATTACHMENT E

# GROUNDWATER SAMPLING RECORDS

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: Bell Textron WELL NO.: 87-23-D

PROJECT NO.:

STAFF: John Boyd DES

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 16.89 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 6.84 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~0.00~~ 10.05 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | 0.00 1.71 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | 0.00 5.13 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | | 8" | 2.60 |

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | INSTRUMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | INITIAL | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | | | | | |
| pH | 6.92 | 6.99 | 6.93 | 6.~~98~~ | 6.85 | 7.02 | | | | | |
| SPEC. COND. (umhos) | 1.50 | 1.53 | 1.49 | 1.43 | 1.39 | 1.44 | | | | | |
| APPEARANCE | clear | clear | clear | clear | clear | clear | | | | | |
| TEMPERATURE (°C) | 16.2 | 16.7 | 16.2 | 15.9 | 15.9 | 15.8 | | | | | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | |
| TIME | 7:22 | 9.17 | 10.11 | 11.90 | 12.59 | 13.16 | | | | | |

COMMENTS:

PID = 0.0 ppm

~~Drag~~ Dragger Tube = 0 ppm for vinyl chloride

Sample collected at 1130. Analyzed for VOCs via 8660B

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: Bell Extran WELL NO.: ~~87-23-0~~ 87-23-1

PROJECT NO.:

STAFF: John Boyd URS

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 34.73 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | ~~4.99~~ 13.99 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~29.74~~ 20.74 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 ~~4.21~~ | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | 0.00 ~~4.21~~ 3.5 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | 0.00 ~~12.6~~ 10.5 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | | 8" | 2.60 |

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | INITIAL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 INSTRUMENT |
| pH | 6.76 | 6.69 | 6.66 | 6.78 | 6.88 | 6.95 | 7.01 | 6.99 | 7.01 | 7.02 | 6.93 |
| SPEC. COND. (umhos) | 8.97 | 2.08 | 1.99 | 203 | 2.06 | 2.08 | 2.24 | 2.22 | 2.23 | 2.26 | 2 ~~87~~ |
| APPEARANCE | clear | clear | clear | clear | clear | clear | clear | clear | clear | clear | clear |
| TEMPERATURE (°C) | 16.1 | 13.8 | 15.5 | 15.6 | 14.8 | 14.6 | 14.2 | 14.1 | 13.8 | 14.1 | 14.4 |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | |
| TIME | 14.02 | 14.3 | 13.97 | 14.02 | 14.02 | 14.02 | 14.02 | 13.99 | 13.97 | 13.94 | 13.92 |

COMMENTS:

PID = 0 ppm
Draeger Tube = 0 ppm for vinyl chloride
Sampled at 1250 for VOC's via 8260B

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: Bell - Textron WELL NO.: 89-14(0)

PROJECT NO.:

STAFF: John Boyd URS . Kevin Cronin Shaw

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 11.93 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 9.13 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | 2.80 ~~0.00~~ | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | ~~0.00~~ 0.48 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | 0.00 1.5 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | 2.10 | 8" | 2.60 |

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | INSTRUMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | INITIAL | 0.5 | 1.0 | 1.5 | | | | | | | |
| pH | 6.77 | 6.91 | 6.76 | 6.96 | | | | | | | |
| SPEC. COND. (umhos) | 3.74 | 3.63 | 3.58 | 3.56 | | | | | | | |
| APPEARANCE | clear | clear | clear | | | | | | | | |
| TEMPERATURE (°C) | 15.7 | 17.4 | 15.9 | 16.2 | | | | | | | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | | 9.41 | 9.98 | 10.30 | | | | | | | |
| TIME | | | | | | | | | | | |

COMMENTS:

Sampled at 10.00 Samples for VOC's VIA 8260B

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: Bell - Textron WELL NO.: 89-14 (1)

PROJECT NO.:

STAFF: John Boyd URS Kevin Cronin Shaw

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | ~~13.46~~ 31.16 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 10.35 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~0.00~~ 20.81 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | ~~0.00~~ 3.54 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | ~~0.00~~ 10.6 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | 11 | 8" | 2.60 |

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | INSTRUMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | INITIAL | 2 | 4 | 6 | 8 | 10 | 11 | | | | |
| pH | 6.89 | 7.03 | 6.87 | 6.97 | 7.03 | 7.05 | 7.06 | | | | |
| SPEC. COND. MS ~~(umhos)~~ | 2.15 | 2.17 | 2.08 | 2.04 | 1.87 | 1.94 | 1.82 | | | | |
| APPEARANCE | CLEAR | → | → | → | → | → | → | | | | |
| TEMPERATURE (°C) | 15.9 | 13.1 | 12.5 | 12.5 | 12.3 | 12.2 | 12.2 | | | | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | 10.35 | 11.28 | 11.21 | 11.12 | 11.06 | 11.04 | 10.99 | | | | |
| TIME | 953 | 1003 | 1013 | 1023 | 1033 | 1043 | 1048 | | | | |

COMMENTS: MS/MSD LOCATION SAMPLE

SAMPLE TIME = 1050

HEADSPACE PID = 0.0 PPM

VINYL CHLORIDE DRAEGER TUBE = 0

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: BELL-TEXTRON WELL NO.: 87-18 SHALLOW

PROJECT NO.: 87-18-0

STAFF: BOYD & TOBIN

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 13.33 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 13.25 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~0.00~~ 0.08 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | ~~0.00~~ 0.0136 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | ~~0.00~~ 0.04 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | | 8" | 2.60 |

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) INITIAL | | | | | | | | | | INSTRUMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | | | | | | | | | | | |
| SPEC. COND. (umhos) | | | | | | | | | | | |
| APPEARANCE | | | | | | | | | | | |
| TEMPERATURE (°C) | | | | | | | | | | | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | * |
| TIME | | | | | | | | | | | |

COMMENTS:

PID = 0.0 PPM HEADSPACE

DRAGGER Tube for Vinyl Chloride = 0 ppm

DID NOT Sample. NOT Enough WATER.

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: Bell-Textron WELL NO.: 87-18 DEEP

PROJECT NO.: 87-18-1

STAFF: Boyd & Tobin

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 32.80 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 19.29 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~0.00~~ 13.51 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | ~~0.00~~ 2.3 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | ~~0.00~~ 6.9 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | 7 | 8" | 2.60 |

OR

$V = 0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | INSTRUMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | INITIAL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | |
| pH | 6.64 | 6.69 | 6.72 | 6.74 | 6.78 | 6.78 | 6.79 | 6.79 | | | |
| SPEC. COND. ~~(umhos)~~ mS | 2.48 | 2.55 | 2.52 | 2.55 | 2.55 | 2.55 | 2.55 | 2.55 | | | |
| APPEARANCE | Clear → | → | → | → | → | → | → | → | | | |
| TEMPERATURE (°C) | 16.6 | 15.7 | 15.4 | 15.4 | 15.3 | 15.4 | 15.4 | 15.4 | | | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | 19.29 | 19.38 | 19.38 | 19.38 | 19.38 | 19.38 | 19.38 | 19.38 | | | |
| TIME | 845 | 851 | 855 | 900 | 905 | 910 | 915 | 920 | | | |

COMMENTS: PID = 0.0 PPM HEADSPACE SAMPLE

VINYL CHLORIDE = 0 DRAGER TUBE

PURGE WATER HAS SULFER ODOR

SAMPLE TIME = 0925

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: _____ WELL NO.: 87-20-0

PROJECT NO.: _____

STAFF: TOBIN + BOYD

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 10.24 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 8.51 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~0.00~~ 1.73 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | ~~0.00~~ 0.29 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | ~~0.00~~ 0.88 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | 1 | 8" | 2.60 |

OR

$V = 0.0408 \times (\text{CASING DIAMETER})^2$

| | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETERS | INITIAL | 0.25 | 0.5 | 0.75 | 1 | | | | | | INSTRUMENT |
| pH | 6.90 | 6.88 | 6.80 | 6.79 | 6.78 | | | | | | |
| SPEC. COND. ~~(umhos)~~ mS | 2.67 | 2.47 | 2.52 | 2.54 | 2.53 | | | | | | |
| APPEARANCE | SLTLY BRN | CLEAR | CLR | CLR | CLR | | | | | | |
| TEMPERATURE (°C) | 17.0 | 15.5 | 15.4 | 15.1 | 15.4 | | | | | | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | 8.51 | 7.82 | 7.98 | 8.05 | 8.18 | | | | | | |
| TIME | 1415 | 1420 | 1425 | 1430 | 1435 | | | | | | |

COMMENTS: SAMPLE

HEADSPACE VOC'S = 0.0 PPM WITH PID

VINYL CHLORIDE = 0 PPM BY DRAEGER TUBE

SAMPLE TIME = 1440

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: Bell - Textron. 932057- MW- WELL NO.: 87-20-1

PROJECT NO.:

STAFF: John Boyd

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 31.15 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | ~~11.50~~ 11.46 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | 0.00 19.69 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 ~~3.35~~ | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | 0.00 3.35 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | 0.00 10.04 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | | 8" | 2.60 |

OR

V=0.0408 x (CASING DIAMETER)²

| | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETERS | INITIAL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 INSTRUMENT |
| pH | 6.58 | 6.86 | 6.92 | 6.89 | 6.87 | 6.83 | 6.91 | 6.93 | 6.90 | 6.77 | 6.84 |
| SPEC. COND. (umhos) | 2.97 | 3.03 | 3.11 | 3.10 | 3.05 | 3.05 | 3.06 | 3.09 | 3.13 | 3.05 | 3.06 |
| APPEARANCE | clear | clear | clear | clear | clear | clear | clear | clear | clear | clear | clear |
| TEMPERATURE (°C) | 18.5 | 14.2 | 14.7 | 14.4 | 13.4 | 13.3 | 13.9 | 13.9 | 13.7 | 13.3 | 13.3 |
| TURBIDITY (NTU) | - | - | - | - | - | - | - | - | - | - | - |
| DISSOLVED OXYGEN | - | - | - | - | - | - | - | - | - | - | - |
| WATER LEVEL | 11.49 | 11.50 | 11.50 | 11.50 | 11.50 | 11.50 | 11.49 | 11.49 | 11.49 | 11.49 | 11.49 |
| TIME | 1459 | 1506 | 1513 | 1516 | 1519 | 1522 | 1526 | 1530 | 1533 | 1537 | 1542 |

COMMENTS:

Sulfur odor.

Sampled at 1550

# WELL PURGING LOG

**URS Corporation**

PROJECT TITLE: BELL - TEXTRON WELL NO.: 87-22-1 (DEEP)

PROJECT NO.:

STAFF: TOBIN & BOYD

DATE(S): 6/7/06

| | | | WELL ID. | (GAL/FT) |
|---|---|---|---|---|
| 1. TOTAL CASING AND SCREEN LENGTH (FT.) | = | 32.50 | 1" | 0.04 |
| 2. WATER LEVEL BELOW TOP OF CASING (FT.) | = | 16.15 | 2" | 0.17 |
| 3. NUMBER OF FEET STANDING WATER (#1 - #2) | = | ~~0.00~~ 16.35 | 3" | 0.38 |
| 4. VOLUME OF WATER/FOOT OF CASING (GAL.) | = | 0.17 | 4" | 0.66 |
| 5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4) | = | ~~0.00~~ 2.8 | 5" | 1.04 |
| 6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3) | = | ~~0.00~~ 8.3 | 6" | 1.50 |
| 7. VOLUME OF WATER ACTUALLY REMOVED (GAL.) | = | 9 | 8" | 2.60 |

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

| PARAMETERS | ACCUMULATED VOLUME PURGED (GALLONS) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | INITIAL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | INSTRUMENT |
| pH | 6.75 | 6.75 | 6.78 | 6.77 | 6.79 | 6.80 | 6.79 | 6.79 | 6.78 | 6.78 | |
| SPEC. COND. ~~(umhos)~~ mS | 2.09 | 2.24 | 2.33 | 2.43 | 2.48 | 2.56 | 2.62 | 2.64 | 2.66 | 2.68 | |
| APPEARANCE | CLEAR → | → | → | → | → | → | → | → | → | → | |
| TEMPERATURE (°C) | 18.1 | 12.8 | 11.6 | 11.5 | 11.2 | 11.1 | 11.3 | 11.2 | 11.2 | 11.2 | |
| TURBIDITY (NTU) | | | | | | | | | | | |
| DISSOLVED OXYGEN | | | | | | | | | | | |
| WATER LEVEL | 16.15 | 16.58 | 16.88 | 16.86 | 16.85 | 16.84 | 16.85 | 16.83 | 16.79 | 16.78 | |
| TIME | 1135 | 1140 | 1145 | 1150 | 1154 | 1159 | 1205 | 1210 | 1215 | 1220 | |

COMMENTS:

HEADSPACE PID=0

VINYL CHLORIDE = 0 BY DRAEGER TUBE

SAMPLE TIME = 1230

SAMPLE

SULFER ODOR

# GRAB GROUNDWATER SAMPLING LOG

Project: Bel-Xtron -NYSDEC Site: Wheatfield, NY Boring Well I.D.: 932052-V-2D

Date: 6/9/06 Sampling Personnel: John Boyd Company: URS Corporation

Purging/ Sampling Device: peristaltic pump Tubing Type: 3/8" polyethylene Pump/Tubing Inlet Location: ~ 10'

Measuring Point: Grade Initial Depth to Water: 7.5' Depth to Well Bottom: 11' Boring Diameter: 3" Screen Length: 5'

Casing Type: 1" OD PVC Volume in 1 Well Casing (liters): NA Estimated Purge Volume (liters): None

Sample ID: 932052-GW-2 Sample Time: 1315 QA/QC: None This Location

Sample Parameters:

**Remarks:**

Grab Sample from geoprobe borehole. Sample collected via peristaltic pump and 3/8 O.D. polyethylene Tubing. Sample from top 2.5' of water column. Sample submitted for analysis of VOCs via 8260B and shipped to Mitkem Laboratories

# GRAB GROUNDWATER SAMPLING LOG

Project: Bell Tex Trans - NYSDEC Site: Wheatfield, NY Well I.D.: 932052-V-15

Date: 6/9/06 Sampling Personnel: John Boyd Company: URS Corporation

Purging/ Sampling Device: peristaltic pump Tubing Type: 3/8" OD Polyethylene Pump/Tubing Inlet Location: 4'

Measuring Point: grade Initial Depth to Water: NOT KNOWN Depth to Well Bottom: 4' Boring Diameter: 3" Screen Length: Implant - 6-inches

Casing Type: ~~Poly ETH~~ STAINLESS STEEL Volume in 1 Well Casing (liters): NA Estimated Purge Volume (liters): None

Sample ID: 932052-GW-1 Sample Time: 0930 QA/QC: —

Sample Parameters:

**Remarks:**

Grab groundwater sample from Soil Vapor implant that was found to be located below water table. Implant set at 4' below grade (6" long SS probe). Sample collected with a peristaltic pump connected to 3/8" polyethylene tubing that was connected to the implant. Samples placed into 2 40 mL bottles, sent to Mitkem Laboratory for VOC analysis via ~~8260~~ 8260 B

# GRAB GROUNDWATER SAMPLING LOG

Project: Bel-Extron -NYSDEC Site: Wheatfield, NY Boring Well I.D.: 932052-V-4D

Date: 6/9/06 Sampling Personnel: John Boyd Company: URS Corporation

Purging/ Sampling Device: peristaltic pump Tubing Type: 3/8" polyethylene Pump/Tubing Inlet Location: 10.5' bg

Measuring Point: Grade Initial Depth to Water: 9.5' bg Depth to Well Bottom: 11' Boring Diameter: 3" Screen Length: 5 FT

Casing Type: 1" OD PVC Volume in 1 Well Casing (liters): NA Estimated Purge Volume (liters): None

Sample ID: 932052-GW-4 Sample Time: 1045 QA/QC: —

Sample Parameters:

Remarks:

Grab sample from geoprobe borehole. Sample collected via peristaltic pump and 3/8 O.D. polyethylene tubing. Sample from top 2' of water column. Sample submitted for analysis of VOCs via 8260B and shipped to Mitkem Laboratories