



# Minnesota Pollution Control Agency

MAR 05 2007

Received: \_\_\_\_\_

## Investigation Report Form

Guidance Document 4-06

Southwest Regional  
Office - MPCA - Marshall

=====  
Complete this form to document site investigation activities, including Limited Site Investigations (LSIs) and full Remedial Investigations (RIs). Do not revise or delete any text or questions from this report form. Include any additional information that is important for making a site cleanup decision. If only an LSI is necessary, you may skip Section 6 and Section 7 of this report form.

=====  
Refer to Minnesota Pollution Control Agency (MPCA) Guidance Document 1-01 *Petroleum Remediation Program General Policy* for the overall site investigation objectives, and to other MPCA guidance document for details on investigation methods. When a tank has been excavated, refer to Guidance Documents 3-01 *Excavation of Petroleum Contaminated Soil* and 3-02 *General Excavation Report Worksheet* for reporting requirements. Document the occurrence of free product using Guidance Document 2-02 *Free Product Evaluation and Recovery*, and Guidance Document 2-03 *Free Product Recovery Report Worksheet*.

=====

MPCA Site ID: Leak: 00016460      Date: February 28, 2007

Responsible Party: KMJ Convenience      R.P. phone #: 320.269.6424

Responsible Party Address: 1102 Benson Road      City: Montevideo

County: Zip Code: 56241

Alternate Contact (if any) for Responsible Party:      phone #:

Consultant: Summit EnviroSolutions, Inc.      Consultant phone #: 651.644.8080

Facility Name: Former Food N Fuel

Facility Address: East Highway 212      City: Granite Falls

County: Chippewa      Zip Code: 56241

**Hennen, Nancy**

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**From:** Hennen, Nancy  
**Sent:** Tuesday, March 06, 2007 11:26 AM  
**To:** Van Cleve, Audrey  
**Subject:** L#16460 Former Food N Fuel, Granite Falls

Hi Audrey

Just a quick note while I'm thinking of it: I just logged on the LSI/Closure for this site and assigned you as the hydro. The site has some unique qualities and although the extent isn't fully defined, I would really appreciate a hydro review before we respond back. The site lies on granite bedrock and is adjacent to the Minnesota River. They only grabbed one water sample from the 11 borings advanced and they analyzed only for BTEX/GRO. It's a priority 2.

I will place it in the file and send it off to you later when it comes up on your list. Thanks,

Nancy

*Nancy Hennen Blomme  
Pollution Control Project Leader  
Minnesota Pollution Control Agency  
1420 E College Drive Suite 900  
Marshall, Minnesota 56258  
Phone 507-537-6375  
Facsimile 507-537-6001  
Nancy.Hennen@pca.state.mn.us*

3/6/2007

L# 16460

### PM Report Checklist for LSI or RI Report

The PM should completely review the items below before a hydrogeologist reviews the report. When applicable, the section of the report is referenced. Some items are repeated under the hydro checklist because the hydro may need to look at other technical issues. If the project manager is uncertain about rejecting a report, he/she can indicate this in the margin next to the item so that the hydro may consider it and they can decide together. ["take appropriate action" could mean rejection of the report, request more work, call the consultant for missing info, etc.]

Date: 3/6/07 PM: NT Hydro: AVC

#### Type of Report:

- LSI Soil Only Site
- LSI Groundwater
- RI/CAD
- RI/Monitoring
- RI/Closure
- Annual or Semi-Annual Report

1) Is the report signed, or ~~is the~~ AVC response adjacent to site. Consultant Information Section unaltered?

Yes  
 No (reject report)

2) Is the report in the most recent MPCA format?

Yes JAN '07  
 No (reject report)

3) Is there a recommendation made for the site?

Yes  
 No (reject report)

4) Section 1: Is the site an Emergency or High Priority Site?

Yes (assign the site as a high priority review in the data base AND send the hydro assigned the site a brief FYI email about the report and site)  
 No

5) Section 4: Extent and Magnitude of Soil Contamination. Did they answer YES to the first three questions (4.1-4.3)?

Yes  
 No (take appropriate action) granite bedrock refusals

*\* Unique site due to granite bedrock extent does not appear to be defined and only one water sample analyzed for BTEX/ERO. would like hydro review prior to*



6) Section 8: Receptor Information/Assessment. Is receptor information complete? (they should list all residences within 500 feet and should try to interview the homeowners or at least visit the (the homes that do not respond to letters/cards. It is not sufficient to just verify that city water is available).

Yes

No (reject report if the table listing the homes is not filled out or if it appears they merely called to determine that there was public water available)

7) Section 11: Is there an analysis of the data?

Yes  No (reject report)

8) Section 12: Conclusions or recommendations provided?

Yes  No (reject report)

9) Other: Were full VOCs analyzed?

Yes

No (reject report)

NA (the report was submitted subsequent to the first round of sampling)

*Only one full sample (TP008A)*

10) Other: Are there missing figures, tables, appendices, or pages of text? Are the figures unreadable? [if this is a recurring problem with a certain consultant, then maybe the report should be rejected, otherwise, a call or letter to the consultant may be best]

Yes (take appropriate action)  No

11) Other: Are major parts of the document missing (e.g., no excavation report, no vapor survey, etc.)?

Yes (reject report)  No

If the site was investigated as a LSI, review is complete. If the report is a RI, please continue.

12) Section 6.7: Did they answer YES to having a clean or nearly clean down gradient well? [This item and 6.8 below may be more of a judgment call for hydro's rather than a rejection criteria.]

Yes  No (take appropriate action)

13) Section 6.8: Did they answer YES to having a worst case well completed through the source area?

Yes  No (reject report)

14) Based on this checklist is the report ready for hydro review?

Yes  No (reject report)

## Report Checklist For Hydrologists

- 1) Are there missing figures, tables, appendices, or pages of text. Are the figures unreadable? [if this is a recurring problem with a certain consultant, then maybe the report should be rejected, otherwise, a call or letter to the consultant may be best] \_\_\_\_\_ Yes (take appropriate action) \_\_\_\_\_ No
- 2) Was a stratigraphic boring done? Was it deep enough? (These are often not performed because the geology was not suitable for push probes and they did not take the geology into consideration prior to the field work). NA borings returned to granite  
\_\_\_\_\_ Yes  No (take appropriate action-rejection maybe if they should have known that a push probe would be inadequate or if they failed to budget for the deep boring)
- 3) Soil analytical samples collected at correct depth(s) (see Fact Sheet # 19).  
 Yes \_\_\_\_\_ No (take appropriate action-rejection maybe if they showed very poor judgment in selecting sampling intervals; e.g., sampled only at the water table when there was visible contamination or high PID readings at shallower depth)
- 4) Section 8: Receptor Information/Assessment. Is receptor information complete? (they should list all residences within 500 feet and should try to interview the homeowners or at least visit the homes that do not respond to letters/cards. It is not sufficient to just verify that city water is available).  
 Yes \_\_\_\_\_ No (reject report if the table listing the homes is not filled out or if it appears they merely called to determine that there was public water available)
- 5) Are all utilities shown on a site map (with depths)?  
 Yes \_\_\_\_\_ No (reject report)
- 6) Grain size analysis performed? NA  
\_\_\_\_\_ Yes \_\_\_\_\_ No (take appropriate action)
- 7) Section 11: Is there an analysis of the data?  
 Yes \_\_\_\_\_ No (reject report)
- 8) Section 12: Conclusions or recommendations provided?  
 Yes \_\_\_\_\_ No (reject report)
- 9) Are the conclusions or recommendations supported by the data? (The data obviously do not support the conclusions or recommendations or there is a glaring misinterpretation of the data).  
 Yes \_\_\_\_\_ No (reject report-*this may be a difficult decision because this will appear to be a question of differing professional opinions between the consultant and the MP&CA; report rejection would probably only be justified in cases where much of the data was not included in the report, if much of the data failed QA/QC, or if the laboratory was not certified.*)





March 2, 2007

MAR 05 2007

Ms. Nancy Hennen-Blomme  
Minnesota Pollution Control Agency  
1420 East College Drive, Suite 900  
Marshall, Minnesota 56258

Received: \_\_\_\_\_  
Southwest Regional  
Office - MPCA - Marshall

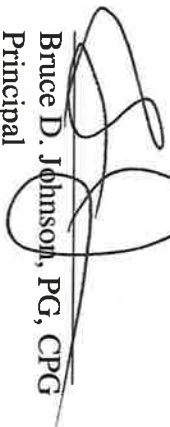
Subject: Limited Site Investigation Report  
Former Food N Fuel  
Highway 212  
Granite Falls, Minnesota 56241  
MPCA Site ID#LEAK00016460

Dear Ms. Hennen-Blomme:

Summit EnviroSolutions, Inc. (Summit) is please to provide the enclosed Limited Site Investigation Report for the Food N Fuel site located on East Highway 212 in Granite Falls, Minnesota. The site is a former convenience store located in an area of commercial and residential properties in Granite Falls, Minnesota. If you have questions or comments on the content of the report or the project in general, please contact me at (651) 842-4204.

Sincerely,

**Summit EnviroSolutions, Inc.**



Bruce D. Johnson, PG, CPG  
Principal

Enclosure

cc. Mr. Mark Jasperson – KMJ Convenience

Site Location Information: Complete Guidance Document 1-03a *Spatial Data Reporting Form* and include in Appendix G.

### Section 1: Emergency and High Priority Sites

- 1.1 Is an existing drinking water well impacted or likely to be impacted within a two-year travel time?  Yes  X No
- 1.2 Are there any existing field-detectable vapor impacts (OVM, explosimeter, odors, etc.)?  Yes  X No
- 1.3 Is there an existing surface water impact as indicated by 1) a product sheen on the surface water or 2) a product sheen or volatile organic compounds in the part per million (ppm) range in ground water in a well located close to the surface water.  Yes  X No
- 1.4 Has the release occurred in the last 30 days?  Yes  X No
- 1.5 Has free product been detected at the site? **If YES**, attach Guidance Document 2-03 *Free Product Recovery Report Worksheet*.  Yes  X No
- 1.6 Is a hydrogeologically sensitive aquifer impacted which is tapped by water wells within 500 feet from the release source? **If YES**, explain:  Yes  X No
- 1.7 Has the public water supply risk assessment concluded that the site is a high priority site with respect to a public water supply well (see Guidance Document 4-18 *Public Water Supply Risk Assessment at Petroleum Remediation Sites*)? **If YES**, provide the name of the public water supply system(s) at risk.  Yes  X No
- 1.8 Did the vapor intrusion assessment detect exceedences of soil gas action levels (see Guidance Document 4-01a *Vapor Intrusion Assessments Performed during Site Investigations*)?  X Yes  No

If you answered YES to any of questions 1 through 8 above describe below the actions taken to date to reduce or eliminate the risk posed by the release.

The soil vapor intrusion assessment detected benzene and dichlorodifluoromethane at concentrations in excess of the established Minnesota Department of Health (MDH) chronic Health Risk Value (HRV) for benzene and the United States Environmental Protection Agency (EPA) Reference Concentrations (RFC) for dichlorodifluoromethane. The on-site building is constructed as slab on grade and the potential for vapor impacts appears relatively low.

*Appendix II*  
*Laboratory Analytical Reports*





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REPORT DATE 8/22/2006

SUMMIT ENVROSOLUTIONS  
1217 BANDANA BLVD., NORTH  
ST. PAUL, MN 55108  
ATTN: BRUCE JOHNSON

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER: 0353-006

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-99181  
JOB NUMBER: 0353-006

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

PROJECT LOCATION: GRANITE FALLS, MN

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
VP001	06B25527	AIR	3.0' (CT2163)	air special test
VP001	06B25527	AIR	3.0' (CT2163)	to-15 ppbv
VP001	06B25527	AIR	3.0' (CT2163)	to-15 ug/m3
VP002	06B25528	AIR	10'-11' (CT8477)	air special test
VP002	06B25528	AIR	10'-11' (CT8477)	to-15 ppbv
VP002	06B25528	AIR	10'-11' (CT8477)	to-15 ug/m3
VP003	06B25529	AIR	7'-8' (CT1343)	air special test
VP003	06B25529	AIR	7'-8' (CT1343)	to-15 ppbv
VP003	06B25529	AIR	7'-8' (CT1343)	to-15 ug/m3
VP004	06B25530	AIR	3.5' (CT1314)	air special test
VP004	06B25530	AIR	3.5' (CT1314)	to-15 ppbv
VP004	06B25530	AIR	3.5' (CT1314)	to-15 ug/m3
VP005	06B25531	AIR	6.5' (CT1329)	air special test
VP005	06B25531	AIR	6.5' (CT1329)	to-15 ppbv
VP005	06B25531	AIR	6.5' (CT1329)	to-15 ug/m3



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REPORT DATE 8/22/2006

SUMMIT ENVIROSOLUTIONS  
1217 BANDANA BLVD., NORTH  
ST. PAUL, MN 55108  
ATTN: BRUCE JOHNSON

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:  
  
PROJECT NUMBER: 0353-006

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-99181  
JOB NUMBER: 0353-006

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-99181

IN METHOD TO-15 FOR SAMPLES 06B25527 AND 06B25529, THE REPORTED RESULTS FOR TRICHLOROFLUOROMETHANE AND BENZYL CHLORIDE ARE ESTIMATED. EITHER THE INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD TO-15 FOR SAMPLES 06B25528, 06B25530 AND 06B25531, THE REPORTED RESULTS FOR TRICHLOROFLUOROMETHANE, MTBE AND 1,1-DICHLOROETHANE ARE ESTIMATED. EITHER THE INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD TO-15, SAMPLES 06B25527 - 06B25531 HAD ELEVATED DETECTION LIMITS DUE TO MATRIX.

IN METHOD TO-15, ANY REPORTED RESULT FOR TRICHLOROFLUOROMETHANE IS LIKELY TO BE BIASED ON THE HIGH SIDE BASED ON LABORATORY FORTIFIED BLANK RECOVERY BIAS.

IN METHOD TO-15, ACETONE WAS DETECTED IN MTHE METHOD BLANK AT 0.8 PPBv (1.8 UG/M3)

IN METHOD TO-15 FOR SAMPLE 06B25527, SURROGATE STANDARD RECOVERY IS OUTSIDE OF CONTROL LIMITS DUE TO SAMPLE MATRIX INTERFERENCE WITH THE PEAK, YIELDING A HIGH BIAS FOR THE SURROGATE AMOUNT. RE-ANALYSIS AT A HIGHER DIFFERENT DILUTION YIELDED SIMILAR SURROGATE STANDARD HIGH BIAS.

IN METHOD TO-15 FOR SAMPLES 06B25527, 06B25529, AND 06B25530, REPORTED RESULTS FOR DICHLORODIFLUOROMETHANE ARE ESTIMATED. VALUES ARE REPORTED OVER THE VERIFIED LINEAR CALIBRATION RANGE.

IN METHOD TO-15 FOR SAMPLE 06B25530, REPORTED RESULT FOR ACETONE IS ESTIMATED. VALUE IS REPORTED OVER THE VERIFIED LINEAR CALIBRATION RANGE.

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

AIHA 100033	AIHA ELLAP (LEAD) 100033	NEW JERSEY NELAP NJ MA007 (AIR)
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	
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.

*Tod Kopycinski*  
8/23/06

SIGNATURE

DATE

Tod Kopycinski  
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



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BRUCE JOHNSON  
SUMMIT ENVROSOLUTIONS  
1217 BANDANA BLVD., NORTH  
ST. PAUL, MN 55108

Purchase Order No.:

8/22/2006  
Page 1 of 33

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP001

Sample ID : 06B25527      Sampled : 8/2/2006  
3.0' (CT12163)  
Sample Matrix: AIR      Sample Medium : SUMMA

Units      Results      Date Analyzed      Analyst      RL      SPEC Limit      P/F  
Lo      HI

SPECIAL TEST      08/11/06      TPH

ANALYTE      REPORTING LIMIT (PPBV) (UG/M<sup>3</sup>)      SAMPLE RESULTS (PPBV) (UG/M<sup>3</sup>)

ISOPROPYLBENZENE      19      93      N.D.      N.D.

NAPHTHALENE      19      100      N.D.      N.D.

Field Sample #: VP002

Sample ID : 06B25528      Sampled : 8/2/2006

10.1' (CT18477)

Sample Matrix: AIR      Sample Medium : SUMMA

Units      Results      Date Analyzed      Analyst      RL      SPEC Limit      P/F  
Lo      HI

SPECIAL TEST      08/12/06      TPH

ANALYTE      REPORTING LIMIT (PPBV) (UG/M<sup>3</sup>)      SAMPLE RESULTS (PPBV) (UG/M<sup>3</sup>)

ISOPROPYLBENZENE      4.7      23      N.D.      N.D.

NAPHTHALENE      4.7      25      N.D.      N.D.

Field Sample #: VP003

Sample ID : 06B25529      Sampled : 8/3/2006

7.8' (CT1343)

Sample Matrix: AIR      Sample Medium : SUMMA

Units      Results      Date Analyzed      Analyst      RL      SPEC Limit      P/F  
Lo      HI

SPECIAL TEST      08/11/06      TPH

ANALYTE      REPORTING LIMIT (PPBV) (UG/M<sup>3</sup>)      SAMPLE RESULTS (PPBV) (UG/M<sup>3</sup>)

ISOPROPYLBENZENE      19      93      N.D.      N.D.

NAPHTHALENE      19      100      N.D.      N.D.

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

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





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BRUCE JOHNSON  
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1217 BANDANA BLVD., NORTH  
ST. PAUL, MN 55108  
Purchase Order No.:

8/22/2006  
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Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP004  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Sample ID : 06B25530  
Sampled : 8/3/2006  
3.5' (CT1314)

Sample Matrix: AIR  
Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
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SPECIAL TEST 08/12/06 TPH

ANALYTE	REPORTING LIMIT (PPBV) (UG/M <sup>3</sup> )	SAMPLE RESULTS (PPRV) (UG/M <sup>3</sup> )
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ISOPROPYLBENZENE	4.7 23	N.D. N.D.
------------------	--------	-----------

NAPHTHALENE	4.7 25	N.D. N.D.
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Field Sample #: VP005

Sample ID : 06B25531  
Sampled : 8/3/2006  
6.5' (CT1329)

Sample Matrix: AIR  
Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
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SPECIAL TEST 08/12/06 TPH

ANALYTE	REPORTING LIMIT (PPBV) (UG/M <sup>3</sup> )	SAMPLE RESULTS (PPBV) (UG/M <sup>3</sup> )
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ISOPROPYLBENZENE	4.7 23	N.D. N.D.
------------------	--------	-----------

NAPHTHALENE	4.7 25	N.D. N.D.
-------------	--------	-----------

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit  
determine PASS (P) or FAIL (F) condition of results.

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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Page 3 of 33  
Purchase Order No.:  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181

Date Received: 8/10/2006  
Field Sample #: VP001

Job Number: 0353-006

Sample ID : 06B25527      Sampled : 8/2/2006  
3.0' (CT2163)  
Sample Matrix: AIR      Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acetone	PPBV	ND	08/11/06	TPH	10.			
Benzene	PPBV	20.	08/11/06	TPH	10.			
Benzyl Chloride	PPBV	ND	08/11/06	TPH	10.			
Bromodichloromethane	PPBV	ND	08/11/06	TPH	10.			
Bromomethane	PPBV	ND	08/11/06	TPH	10.			
1,3-Butadiene	PPBV	ND	08/11/06	TPH	10.			
2-Butanone (MEK)	PPBV	ND	08/11/06	TPH	10.			
Carbon Disulfide	PPBV	17.	08/11/06	TPH	10.			
Carbon Tetrachloride	PPBV	ND	08/11/06	TPH	10.			
Chlorobenzene	PPBV	ND	08/11/06	TPH	10.			
Chlorodibromomethane	PPBV	ND	08/11/06	TPH	10.			
Chloroethane	PPBV	ND	08/11/06	TPH	10.			
Chloroform	PPBV	ND	08/11/06	TPH	10.			
Chloromethane	PPBV	ND	08/11/06	TPH	10.			
Cyclohexane	PPBV	140	08/11/06	TPH	10.			
1,2-Dibromoethane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichlorobenzene	PPBV	ND	08/11/06	TPH	10.			
1,3-Dichlorobenzene	PPBV	ND	08/11/06	TPH	10.			
1,4-Dichlorobenzene	PPBV	ND	08/11/06	TPH	10.			
Dichlorodifluoromethane	PPBV	3500	08/11/06	TPH	10.			
1,1-Dichloroethane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichloroethane	PPBV	ND	08/11/06	TPH	10.			
1,1-Dichloroethylene	PPBV	ND	08/11/06	TPH	10.			
cis-1,2-Dichloroethylene	PPBV	ND	08/11/06	TPH	10.			
trans-1,2-Dichloroethylene	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichloropropane	PPBV	ND	08/11/06	TPH	10.			
cis-1,3-Dichloropropane	PPBV	ND	08/11/06	TPH	10.			
trans-1,3-Dichloropropane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichlorotetrafluoroethane (114)	PPBV	ND	08/11/06	TPH	10.			
Ethanol	PPBV	100	08/11/06	TPH	10.			

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



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BRUCE JOHNSON  
SUMMIT ENVIROSOLUTIONS  
1217 BANDANA BLVD., NORTH  
ST. PAUL, MN 55108

8/22/2006  
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Purchase Order No.:

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP001  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Sample ID : 06B25527  
Sampled : 8/2/2006  
3.0' (CT2163)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	08/11/06	TPH	10.			
Ethylbenzene	PPBv	17.	08/11/06	TPH	10.			
4-Ethyl Toluene	PPBv	70.	08/11/06	TPH	10.			
n-Heptane	PPBv	130	08/11/06	TPH	10.			
Hexachlorobutadiene	PPBv	ND	08/11/06	TPH	10.			
Hexane	PPBv	160	08/11/06	TPH	10.			
2-Hexanone	PPBv	ND	08/11/06	TPH	10.			
Isopropanol	PPBv	ND	08/11/06	TPH	10.			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	08/11/06	TPH	10.			
Methylene Chloride	PPBv	ND	08/11/06	TPH	10.			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	08/11/06	TPH	10.			
Propene	PPBv	ND	08/11/06	TPH	10.			
Styrene	PPBv	ND	08/11/06	TPH	10.			
1,1,2,2-Tetrachloroethane	PPBv	ND	08/11/06	TPH	10.			
Tetrachloroethylene	PPBv	ND	08/11/06	TPH	10.			
Tetrahydrofuran	PPBv	ND	08/11/06	TPH	10.			
Toluene	PPBv	75.	08/11/06	TPH	10.			
1,2,4-Trichlorobenzene	PPBv	ND	08/11/06	TPH	10.			
1,1,1-Trichloroethane	PPBv	ND	08/11/06	TPH	10.			
1,1,2-Trichloroethane	PPBv	ND	08/11/06	TPH	10.			
Trichloroethylene	PPBv	ND	08/11/06	TPH	10.			
Trichlorofluoromethane (Freon 11)	PPBv	ND	08/11/06	TPH	10.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	08/11/06	TPH	10.			
1,2,4-Trimethylbenzene	PPBv	150	08/11/06	TPH	10.			
1,3,5-Trimethylbenzene	PPBv	250	08/11/06	TPH	10.			
Vinyl Acetate	PPBv	ND	08/11/06	TPH	10.			
Vinyl Chloride	PPBv	ND	08/11/06	TPH	10.			
m/p-Xylene	PPBv	89.	08/11/06	TPH	20.			
o-Xylene	PPBv	280	08/11/06	TPH	10.			

RL = Reporting Limit

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

NM = Not Measured

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





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Purchase Order No.:

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Project Location: GRANITE FALLS, MN

Project Number: 0353-006

Date Received: 8/10/2006

LIMS-BAT #: LIMS-99181

Field Sample #: VP001

Job Number: 0353-006

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.:

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN

Date Received: 8/10/2006

Field Sample #: VP002

Sample ID : 06B25528  
Sampled : 8/2/2006  
10'-11' (CT8477)

Sample Medium : SUMMA

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acetone	PPBv	64.	08/12/06	TPH	2.5			
Benzene	PPBv	ND	08/12/06	TPH	2.5			
Benzyl Chloride	PPBv	ND	08/12/06	TPH	2.5			
Bromodichloromethane	PPBv	ND	08/12/06	TPH	2.5			
Bromomethane	PPBv	ND	08/12/06	TPH	2.5			
1,3-Butadiene	PPBv	ND	08/12/06	TPH	2.5			
2-Butanone (MEK)	PPBv	5.4	08/12/06	TPH	2.5			
Carbon Disulfide	PPBv	ND	08/12/06	TPH	2.5			
Carbon Tetrachloride	PPBv	ND	08/12/06	TPH	2.5			
Chlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
Chlorodibromomethane	PPBv	ND	08/12/06	TPH	2.5			
Chloroethane	PPBv	ND	08/12/06	TPH	2.5			
Chloroform	PPBv	ND	08/12/06	TPH	2.5			
Chloromethane	PPBv	ND	08/12/06	TPH	2.5			
Cyclohexane	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dibromoethane	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
1,3-Dichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
1,4-Dichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
Dichlorodifluoromethane	PPBv	160	08/12/06	TPH	2.5			
1,1-Dichloroethane	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichloroethane	PPBv	ND	08/12/06	TPH	2.5			
1,1-Dichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
cis-1,2-Dichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
t-1,2-Dichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichloropropane	PPBv	ND	08/12/06	TPH	2.5			
cis-1,3-Dichloropropene	PPBv	ND	08/12/06	TPH	2.5			
trans-1,3-Dichloropropene	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	08/12/06	TPH	2.5			
Ethanol	PPBv	16.	08/12/06	TPH	2.5			

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Purchase Order No.:

8/22/2006  
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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP002

Sample ID : 06B25528  
Sampled : 8/2/2006  
10'-11' (CT8477)  
Sample Medium : SUMMA  
Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC LIMIT		P/F
						Lo	Hi	
Ethyl Acetate	PPBV	ND	08/12/06	TPH	2.5			
Ethylbenzene	PPBV	7.1	08/12/06	TPH	2.5			
4-Ethyl Toluene	PPBV	5.2	08/12/06	TPH	2.5			
n-Heptane	PPBV	8.8	08/12/06	TPH	2.5			
Hexachlorobutadiene	PPBV	ND	08/12/06	TPH	2.5			
Hexane	PPBV	10.	08/12/06	TPH	2.5			
2-Hexanone	PPBV	ND	08/12/06	TPH	2.5			
Isopropanol	PPBV	180	08/12/06	TPH	2.5			
Methyl tert-Butyl Ether (MTBE)	PPBV	ND	08/12/06	TPH	2.5			
Methylene Chloride	PPBV	ND	08/12/06	TPH	2.5			
4-Methyl-2-Pentanone (MIBK)	PPBV	ND	08/12/06	TPH	2.5			
Propene	PPBV	ND	08/12/06	TPH	2.5			
Styrene	PPBV	12.	08/12/06	TPH	2.5			
1,1,2,2-Tetrachloroethane	PPBV	ND	08/12/06	TPH	2.5			
Tetrachloroethylene	PPBV	ND	08/12/06	TPH	2.5			
Tetrahydrofuran	PPBV	ND	08/12/06	TPH	2.5			
Toluene	PPBV	16.	08/12/06	TPH	2.5			
1,2,4-Trichlorobenzene	PPBV	ND	08/12/06	TPH	2.5			
1,1,1-Trichloroethane	PPBV	ND	08/12/06	TPH	2.5			
1,1,2-Trichloroethane	PPBV	ND	08/12/06	TPH	2.5			
Trichloroethylene	PPBV	ND	08/12/06	TPH	2.5			
Trichlorofluoromethane (Freon 11)	PPBV	ND	08/12/06	TPH	2.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBV	ND	08/12/06	TPH	2.5			
1,2,4-Trimethylbenzene	PPBV	14.	08/12/06	TPH	2.5			
1,3,5-Trimethylbenzene	PPBV	4.8	08/12/06	TPH	2.5			
Vinyl Acetate	PPBV	ND	08/12/06	TPH	2.5			
Vinyl Chloride	PPBV	ND	08/12/06	TPH	2.5			
m/p-Xylene	PPBV	11.	08/12/06	TPH	5.0			
o-Xylene	PPBV	7.6	08/12/06	TPH	2.5			

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Project Location: GRANITE FALLS, MN

Date Received: 8/10/2006

Field Sample # : VP002

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

8/22/2006

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Project Number: 0353-006

LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Purchase Order No.:

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Purchase Order No.:

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Project Number: 0353-006

LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP003

Sample ID : 06B25529  
Sampled : 8/3/2006  
7-8' (CT1343)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acetone	PPBV	ND	08/11/06	TPH	10.			
Benzene	PPBV	44.	08/11/06	TPH	10.			
Benzyl Chloride	PPBV	ND	08/11/06	TPH	10.			
Bromodichloromethane	PPBV	ND	08/11/06	TPH	10.			
Bromomethane	PPBV	ND	08/11/06	TPH	10.			
1,3-Butadiene	PPBV	ND	08/11/06	TPH	10.			
2-Butanone (MEK)	PPBV	ND	08/11/06	TPH	10.			
Carbon Disulfide	PPBV	ND	08/11/06	TPH	10.			
Carbon Tetrachloride	PPBV	ND	08/11/06	TPH	10.			
Chlorobenzene	PPBV	ND	08/11/06	TPH	10.			
Chlorodibromomethane	PPBV	ND	08/11/06	TPH	10.			
Chloroethane	PPBV	ND	08/11/06	TPH	10.			
Chloroform	PPBV	ND	08/11/06	TPH	10.			
Chloromethane	PPBV	ND	08/11/06	TPH	10.			
Cyclohexane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dibromoethane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichlorobenzene	PPBV	ND	08/11/06	TPH	10.			
1,3-Dichlorobenzene	PPBV	ND	08/11/06	TPH	10.			
1,4-Dichlorobenzene	PPBV	ND	08/11/06	TPH	10.			
Dichlorodifluoromethane	PPBV	4700000	08/11/06	TPH	10.			
1,1-Dichloroethane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichloroethane	PPBV	ND	08/11/06	TPH	10.			
1,1-Dichloroethylene	PPBV	ND	08/11/06	TPH	10.			
cis-1,2-Dichloroethylene	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichloropropane	PPBV	ND	08/11/06	TPH	10.			
cis-1,3-Dichloropropane	PPBV	ND	08/11/06	TPH	10.			
trans-1,3-Dichloropropane	PPBV	ND	08/11/06	TPH	10.			
1,2-Dichlorotetrafluoroethane (114)	PPBV	ND	08/11/06	TPH	10.			
Ethanol	PPBV	ND	08/11/06	TPH	10.			

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Purchase Order No.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP003

Sample ID : 06B25529  
Sampled : 8/3/2006  
7-8' (CT1343)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	08/11/06	TPH	10.			
Ethylbenzene	PPBv	42.	08/11/06	TPH	10.			
4-Ethyl Toluene	PPBv	ND	08/11/06	TPH	10.			
n-Heptane	PPBv	ND	08/11/06	TPH	10.			
Hexachlorobutadiene	PPBv	ND	08/11/06	TPH	10.			
Hexane	PPBv	ND	08/11/06	TPH	10.			
2-Hexanone	PPBv	ND	08/11/06	TPH	10.			
Isopropanol	PPBv	ND	08/11/06	TPH	10.			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	08/11/06	TPH	10.			
Methylene Chloride	PPBv	ND	08/11/06	TPH	10.			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	08/11/06	TPH	10.			
Propene	PPBv	ND	08/11/06	TPH	10.			
Styrene	PPBv	110	08/11/06	TPH	10.			
1,1,2,2-Tetrachloroethane	PPBv	ND	08/11/06	TPH	10.			
Tetrachloroethylene	PPBv	ND	08/11/06	TPH	10.			
Tetrahydrofuran	PPBv	ND	08/11/06	TPH	10.			
Toluene	PPBv	45.	08/11/06	TPH	10.			
1,2,4-Trichlorobenzene	PPBv	ND	08/11/06	TPH	10.			
1,1,1-Trichloroethane	PPBv	ND	08/11/06	TPH	10.			
1,1,2-Trichloroethane	PPBv	ND	08/11/06	TPH	10.			
Trichloroethylene	PPBv	ND	08/11/06	TPH	10.			
Trichlorofluoromethane (Freon 11)	PPBv	86.	08/11/06	TPH	10.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	08/11/06	TPH	10.			
1,2,4-Trimethylbenzene	PPBv	10.	08/11/06	TPH	10.			
1,3,5-Trimethylbenzene	PPBv	ND	08/11/06	TPH	10.			
Vinyl Acetate	PPBv	ND	08/11/06	TPH	10.			
Vinyl Chloride	PPBv	ND	08/11/06	TPH	10.			
m/p-Xylene	PPBv	ND	08/11/06	TPH	20.			
o-Xylene	PPBv	ND	08/11/06	TPH	10.			

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Purchase Order No.:

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Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample # : VP003

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

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.:

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP004

Sample ID : 06B25530  
Sampled : 8/3/2006  
3.5' (CT1314)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	PPBv	160	08/12/06	TPH	2.5			
Benzene	PPBv	11.	08/12/06	TPH	2.5			
Benzyl Chloride	PPBv	ND	08/12/06	TPH	2.5			
Bromodichloromethane	PPBv	ND	08/12/06	TPH	2.5			
Bromomethane	PPBv	ND	08/12/06	TPH	2.5			
1,3-Butadiene	PPBv	ND	08/12/06	TPH	2.5			
2-Butanone (MEK)	PPBv	15.	08/12/06	TPH	2.5			
Carbon Disulfide	PPBv	4.1	08/12/06	TPH	2.5			
Carbon Tetrachloride	PPBv	ND	08/12/06	TPH	2.5			
Chlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
Chlorodibromomethane	PPBv	ND	08/12/06	TPH	2.5			
Chloroethane	PPBv	ND	08/12/06	TPH	2.5			
Chloroform	PPBv	ND	08/12/06	TPH	2.5			
Chloromethane	PPBv	ND	08/12/06	TPH	2.5			
Cyclohexane	PPBv	3.3	08/12/06	TPH	2.5			
1,2-Dibromoethane	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
1,3-Dichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
1,4-Dichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
Dichlorodifluoromethane	PPBv	930	08/12/06	TPH	2.5			
1,1-Dichloroethane	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichloroethane	PPBv	ND	08/12/06	TPH	2.5			
1,1-Dichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
cis-1,2-Dichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
t-1,2-Dichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichloropropane	PPBv	ND	08/12/06	TPH	2.5			
cis-1,3-Dichloropropene	PPBv	ND	08/12/06	TPH	2.5			
trans-1,3-Dichloropropene	PPBv	ND	08/12/06	TPH	2.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	08/12/06	TPH	2.5			
Ethanol	PPBv	ND	08/12/06	TPH	2.5			

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Project Number: 0353-006

LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Date Received: 8/10/2006

Field Sample #: VP004

Sample ID : 06B25530

Sampled : 8/3/2006  
3.5' (CT1314)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Ethyl Acetate	PPBv	ND	08/12/06	TPH	2.5		
Ethylbenzene	PPBv	11.	08/12/06	TPH	2.5		
4-Ethyl Toluene	PPBv	6.8	08/12/06	TPH	2.5		
n-Heptane	PPBv	11.	08/12/06	TPH	2.5		
Hexachlorobutadiene	PPBv	ND	08/12/06	TPH	2.5		
Hexane	PPBv	17.	08/12/06	TPH	2.5		
2-Hexanone	PPBv	ND	08/12/06	TPH	2.5		
Isopropanol	PPBv	ND	08/12/06	TPH	2.5		
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	08/12/06	TPH	2.5		
Methylene Chloride	PPBv	ND	08/12/06	TPH	2.5		
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	08/12/06	TPH	2.5		
Propene	PPBv	ND	08/12/06	TPH	2.5		
Styrene	PPBv	5.1	08/12/06	TPH	2.5		
1,1,2,2-Tetrachloroethane	PPBv	ND	08/12/06	TPH	2.5		
Tetrachloroethylene	PPBv	ND	08/12/06	TPH	2.5		
Tetrahydrofuran	PPBv	ND	08/12/06	TPH	2.5		
Toluene	PPBv	28.	08/12/06	TPH	2.5		
1,2,4-Trichlorobenzene	PPBv	ND	08/12/06	TPH	2.5		
1,1,1-Trichloroethane	PPBv	ND	08/12/06	TPH	2.5		
1,1,2-Trichloroethane	PPBv	ND	08/12/06	TPH	2.5		
Trichloroethylene	PPBv	ND	08/12/06	TPH	2.5		
Trichlorofluoromethane (Freon 11)	PPBv	ND	08/12/06	TPH	2.5		
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	08/12/06	TPH	2.5		
1,2,4-Trimethylbenzene	PPBv	22.	08/12/06	TPH	2.5		
1,3,5-Trimethylbenzene	PPBv	9.8	08/12/06	TPH	2.5		
Vinyl Acetate	PPBv	ND	08/12/06	TPH	2.5		
Vinyl Chloride	PPBv	ND	08/12/06	TPH	2.5		
m/p-Xylene	PPBv	16.	08/12/06	TPH	5.0		
o-Xylene	PPBv	14.	08/12/06	TPH	2.5		

RL = 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.

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





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ST. PAUL, MN 55108  
Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP004

8/22/2006  
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Purchase Order No.:  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

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

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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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Purchase Order No.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP005

Sample ID : 06B25531

Sampled : 8/3/2006  
6.5' (CT1329)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC LIMIT		P/F
						Lo	Hi	
Acetone	PPBV	ND	08/12/06	TPH	2.5			
Benzene	PPBV	12.	08/12/06	TPH	2.5			
Benzyl Chloride	PPBV	ND	08/12/06	TPH	2.5			
Bromodichloromethane	PPBV	ND	08/12/06	TPH	2.5			
Bromomethane	PPBV	ND	08/12/06	TPH	2.5			
1,3-Butadiene	PPBV	ND	08/12/06	TPH	2.5			
2-Butanone (MEK)	PPBV	ND	08/12/06	TPH	2.5			
Carbon Disulfide	PPBV	ND	08/12/06	TPH	2.5			
Carbon Tetrachloride	PPBV	ND	08/12/06	TPH	2.5			
Chlorobenzene	PPBV	ND	08/12/06	TPH	2.5			
Chlorodibromomethane	PPBV	ND	08/12/06	TPH	2.5			
Chloroethane	PPBV	ND	08/12/06	TPH	2.5			
Chloroform	PPBV	ND	08/12/06	TPH	2.5			
Chloromethane	PPBV	ND	08/12/06	TPH	2.5			
Cyclohexane	PPBV	ND	08/12/06	TPH	2.5			
1,2-Dibromoethane	PPBV	ND	08/12/06	TPH	2.5			
1,2-Dichlorobenzene	PPBV	ND	08/12/06	TPH	2.5			
1,3-Dichlorobenzene	PPBV	ND	08/12/06	TPH	2.5			
1,4-Dichlorobenzene	PPBV	ND	08/12/06	TPH	2.5			
Dichlorodifluoromethane	PPBV	ND	08/12/06	TPH	2.5			
1,1-Dichloroethane	PPBV	ND	08/12/06	TPH	2.5			
1,2-Dichloroethane	PPBV	ND	08/12/06	TPH	2.5			
1,1-Dichloroethylene	PPBV	ND	08/12/06	TPH	2.5			
cis-1,2-Dichloroethylene	PPBV	ND	08/12/06	TPH	2.5			
t-1,2-Dichloroethylene	PPBV	ND	08/12/06	TPH	2.5			
1,2-Dichloropropane	PPBV	ND	08/12/06	TPH	2.5			
cis-1,3-Dichloropropene	PPBV	ND	08/12/06	TPH	2.5			
trans-1,3-Dichloropropene	PPBV	ND	08/12/06	TPH	2.5			
1,2-Dichlorotetrafluoroethane (114)	PPBV	ND	08/12/06	TPH	2.5			
Ethanol	PPBV	ND	08/12/06	TPH	2.5			

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ST. PAUL, MN 55108  
Purchase Order No.:

8/22/2006  
Page 16 of 33  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP005  
Sample ID : 06B25531

Sampled : 8/3/2006  
6.5 (CT1329)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Ethyl Acetate	PPBv	ND	08/12/06	TPH	2.5			
Ethylbenzene	PPBv	4.6	08/12/06	TPH	2.5			
4-Ethyl Toluene	PPBv	ND	08/12/06	TPH	2.5			
n-Heptane	PPBv	3.1	08/12/06	TPH	2.5			
Hexachlorobutadiene	PPBv	ND	08/12/06	TPH	2.5			
Hexane	PPBv	ND	08/12/06	TPH	2.5			
2-Hexanone	PPBv	ND	08/12/06	TPH	2.5			
Isopropanol	PPBv	ND	08/12/06	TPH	2.5			
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	08/12/06	TPH	2.5			
Methylene Chloride	PPBv	ND	08/12/06	TPH	2.5			
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	08/12/06	TPH	2.5			
Propene	PPBv	ND	08/12/06	TPH	2.5			
Styrene	PPBv	6.8	08/12/06	TPH	2.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	08/12/06	TPH	2.5			
Tetrachloroethylene	PPBv	ND	08/12/06	TPH	2.5			
Tetrahydrofuran	PPBv	ND	08/12/06	TPH	2.5			
Toluene	PPBv	18.	08/12/06	TPH	2.5			
1,2,4-Trichlorobenzene	PPBv	ND	08/12/06	TPH	2.5			
1,1,1-Trichloroethane	PPBv	ND	08/12/06	TPH	2.5			
1,1,2-Trichloroethane	PPBv	ND	08/12/06	TPH	2.5			
Trichloroethylene	PPBv	ND	08/12/06	TPH	2.5			
Trichlorofluoromethane (Freon 11)	PPBv	ND	08/12/06	TPH	2.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	08/12/06	TPH	2.5			
1,2,4-Trimethylbenzene	PPBv	6.4	08/12/06	TPH	2.5			
1,3,5-Trimethylbenzene	PPBv	ND	08/12/06	TPH	2.5			
Vinyl Acetate	PPBv	ND	08/12/06	TPH	2.5			
Vinyl Chloride	PPBv	ND	08/12/06	TPH	2.5			
m/p-Xylene	PPBv	5.8	08/12/06	TPH	5.0			
o-Xylene	PPBv	4.6	08/12/06	TPH	2.5			

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Purchase Order No.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181

Date Received: 8/10/2006

Job Number: 0353-006

Field Sample #: VP005

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.:

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP001

Sample ID : \*06B25527  
Sampled : 8/2/2006  
3.0' (CT2163)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acetone	ug/m3	ND	08/11/06	TPH	24.			
Benzene	ug/m3	64.	08/11/06	TPH	32.			
Denzyl Chloride	ug/m3	ND	08/11/06	TPH	52.			
Bromodichloromethane	ug/m3	ND	08/11/06	TPH	68.			
Bromomethane	ug/m3	ND	08/11/06	TPH	39.			
1,3-Butadiene	ug/m3	ND	08/11/06	TPH	22.			
2-Butanone (MEK)	ug/m3	ND	08/11/06	TPH	30.			
Carbon Disulfide	ug/m3	54.	08/11/06	TPH	32.			
Carbon Tetrachloride	ug/m3	ND	08/11/06	TPH	62.			
Chlorobenzene	ug/m3	ND	08/11/06	TPH	46.			
Chlorodibromomethane	ug/m3	ND	08/11/06	TPH	86.			
Chloroethane	ug/m3	ND	08/11/06	TPH	27.			
Chloroform	ug/m3	ND	08/11/06	TPH	49.			
Chloromethane	ug/m3	ND	08/11/06	TPH	21.			
Cyclohexane	ug/m3	500	08/11/06	TPH	34.			
1,2-Dibromoethane	ug/m3	ND	08/11/06	TPH	77.			
1,2-Dichlorobenzene	ug/m3	ND	08/11/06	TPH	61.			
1,3-Dichlorobenzene	ug/m3	ND	08/11/06	TPH	61.			
1,4-Dichlorobenzene	ug/m3	ND	08/11/06	TPH	61.			
Dichlorodifluoromethane	ug/m3	17000	08/11/06	TPH	49.			
1,1-Dichloroethane	ug/m3	ND	08/11/06	TPH	41.			
1,2-Dichloroethane	ug/m3	ND	08/11/06	TPH	41.			
1,1-Dichloroethylene	ug/m3	ND	08/11/06	TPH	40.			
cis-1,2-Dichloroethylene	ug/m3	ND	08/11/06	TPH	40.			
t-1,2-Dichloroethylene	ug/m3	ND	08/11/06	TPH	40.			
1,2-Dichloropropane	ug/m3	ND	08/11/06	TPH	47.			
cis-1,3-Dichloropropene	ug/m3	ND	08/11/06	TPH	46.			
trans-1,3-Dichloropropene	ug/m3	ND	08/11/06	TPH	46.			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	08/11/06	TPH	70.			
Ethanol	ug/m3	200	08/11/06	TPH	18.			

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Purchase Order No.:

8/22/2006

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Project Number: 0353-006

LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP001

Sample ID : \*06B25527

Sampled : 8/2/2006  
3.0' (CT2163)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	08/11/06	TPH	36.			
Ethylbenzene	ug/m3	74.	08/11/06	TPH	43.			
4-Ethyl Toluene	ug/m3	340	08/11/06	TPH	50.			
n-Heptane	ug/m3	520	08/11/06	TPH	40.			
Hexachlorobutadiene	ug/m3	ND	08/11/06	TPH	110			
Hexane	ug/m3	570	08/11/06	TPH	36.			
2-Hexanone	ug/m3	ND	08/11/06	TPH	40.			
Isopropanol	ug/m3	ND	08/11/06	TPH	24.			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/11/06	TPH	36.			
Methylene Chloride	ug/m3	ND	08/11/06	TPH	35.			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/11/06	TPH	40.			
Propene	ug/m3	ND	08/11/06	TPH	18.			
Styrene	ug/m3	ND	08/11/06	TPH	43.			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/11/06	TPH	69.			
Tetrachloroethylene	ug/m3	ND	08/11/06	TPH	68.			
Tetrahydrofuran	ug/m3	ND	08/11/06	TPH	30.			
Toluene	ug/m3	280	08/11/06	TPH	38.			
1,2,4-Trichlorobenzene	ug/m3	ND	08/11/06	TPH	75.			
1,1,1-Trichloroethane	ug/m3	ND	08/11/06	TPH	55.			
1,1,2-Trichloroethane	ug/m3	ND	08/11/06	TPH	55.			
Trichloroethylene	ug/m3	ND	08/11/06	TPH	54.			
Trichlorofluoromethane	ug/m3	ND	08/11/06	TPH	57.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/11/06	TPH	77.			
1,2,4-Trimethylbenzene	ug/m3	730	08/11/06	TPH	49.			
1,3,5-Trimethylbenzene	ug/m3	1200	08/11/06	TPH	49.			
Vinyl Acetate	ug/m3	ND	08/11/06	TPH	36.			
Vinyl Chloride	ug/m3	ND	08/11/06	TPH	26.			
m/p-Xylene	ug/m3	390	08/11/06	TPH	87.			
o-Xylene	ug/m3	1200	08/11/06	TPH	43.			

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8/22/2006  
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Purchase Order No.:

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP001  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

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

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Purchase Order No.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP002

Sample ID : 06B25528  
Sampled : 8/2/2006  
10-11' (CT8477)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acetone	ug/m3	150	08/12/06	TPH	6.0			
Benzene	ug/m3	ND	08/12/06	TPH	8.0			
Benzyl Chloride	ug/m3	ND	08/12/06	TPH	13.			
Bromodichloromethane	ug/m3	ND	08/12/06	TPH	17.			
Bromomethane	ug/m3	ND	08/12/06	TPH	9.7			
1,3-Butadiene	ug/m3	ND	08/12/06	TPH	5.5			
2-Butanone (MEK)	ug/m3	16.	08/12/06	TPH	7.5			
Carbon Disulfide	ug/m3	ND	08/12/06	TPH	8.0			
Carbon Tetrachloride	ug/m3	ND	08/12/06	TPH	16.			
Chlorobenzene	ug/m3	ND	08/12/06	TPH	12.			
Chlorodibromomethane	ug/m3	ND	08/12/06	TPH	22.			
Chloroethane	ug/m3	ND	08/12/06	TPH	6.6			
Chloroform	ug/m3	ND	08/12/06	TPH	13.			
Chloromethane	ug/m3	ND	08/12/06	TPH	5.2			
Cyclohexane	ug/m3	ND	08/12/06	TPH	8.5			
1,2-Dibromoethane	ug/m3	ND	08/12/06	TPH	20.			
1,2-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
1,3-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
1,4-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
Dichlorodifluoromethane	ug/m3	780	08/12/06	TPH	12.			
1,1-Dichloroethane	ug/m3	ND	08/12/06	TPH	11.			
1,2-Dichloroethane	ug/m3	ND	08/12/06	TPH	11.			
1,1-Dichloroethylene	ug/m3	ND	08/12/06	TPH	9.9			
cis-1,2-Dichloroethylene	ug/m3	ND	08/12/06	TPH	9.9			
t-1,2-Dichloroethylene	ug/m3	ND	08/12/06	TPH	10.			
1,2-Dichloropropane	ug/m3	ND	08/12/06	TPH	12.			
cis-1,3-Dichloropropene	ug/m3	ND	08/12/06	TPH	12.			
trans-1,3-Dichloropropene	ug/m3	ND	08/12/06	TPH	12.			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	08/12/06	TPH	18.			
Ethanol	ug/m3	30.	08/12/06	TPH	4.5			

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Purchase Order No.:

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP002

Sample ID : 06B25528  
Sampled : 8/2/2006  
10'-11' (CT8477)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	08/12/06	TPH	9.0			
Ethylbenzene	ug/m3	31.	08/12/06	TPH	11.			
4-Ethyl Toluene	ug/m3	26.	08/12/06	TPH	12.			
n-Heptane	ug/m3	36.	08/12/06	TPH	10.			
Hexachlorobutadiene	ug/m3	ND	08/12/06	TPH	27.			
Hexane	ug/m3	36.	08/12/06	TPH	9.0			
2-Hexanone	ug/m3	ND	08/12/06	TPH	10.			
Isopropanol	ug/m3	430	08/12/06	TPH	6.0			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/12/06	TPH	9.0			
Methylene Chloride	ug/m3	ND	08/12/06	TPH	8.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/12/06	TPH	10.			
Propene	ug/m3	ND	08/12/06	TPH	4.5			
Styrene	ug/m3	53.	08/12/06	TPH	11.			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/12/06	TPH	18.			
Tetrachloroethylene	ug/m3	ND	08/12/06	TPH	17.			
Tetrahydrofuran	ug/m3	ND	08/12/06	TPH	7.5			
Toluene	ug/m3	60.	08/12/06	TPH	9.4			
1,2,4-Trichlorobenzene	ug/m3	ND	08/12/06	TPH	19.			
1,1,1-Trichloroethane	ug/m3	ND	08/12/06	TPH	14.			
1,1,2-Trichloroethane	ug/m3	ND	08/12/06	TPH	14.			
Trichloroethylene	ug/m3	ND	08/12/06	TPH	14.			
Trichlorofluoromethane	ug/m3	ND	08/12/06	TPH	15.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/12/06	TPH	20.			
1,2,4-Trimethylbenzene	ug/m3	70.	08/12/06	TPH	12.			
1,3,5-Trimethylbenzene	ug/m3	24.	08/12/06	TPH	12.			
Vinyl Acetate	ug/m3	ND	08/12/06	TPH	9.0			
Vinyl Chloride	ug/m3	ND	08/12/06	TPH	6.4			
m/p-Xylene	ug/m3	48.	08/12/06	TPH	22.			
o-Xylene	ug/m3	33.	08/12/06	TPH	11.			

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



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Purchase Order No.:

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Field Sample #: VP002

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

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



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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP003

Sample ID : \*06B25529  
Sampled : 8/3/2006  
7'-8' (CT1343)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	ug/m3	ND	08/11/06	TPH	24.			
Benzene	ug/m3	140	08/11/06	TPH	32.			
Benzyl Chloride	ug/m3	ND	00/11/06	TPH	52.			
Bromodichloromethane	ug/m3	ND	08/11/06	TPH	68.			
Bromomethane	ug/m3	ND	08/11/06	TPH	39.			
1,3-Butadiene	ug/m3	ND	08/11/06	TPH	22.			
2-Butanone (MEK)	ug/m3	ND	08/11/06	TPH	30.			
Carbon Disulfide	ug/m3	ND	08/11/06	TPH	32.			
Carbon Tetrachloride	ug/m3	ND	08/11/06	TPH	62.			
Chlorobenzene	ug/m3	ND	08/11/06	TPH	46.			
Chlorodibromomethane	ug/m3	ND	08/11/06	TPH	86.			
Chloroethane	ug/m3	ND	08/11/06	TPH	27.			
Chloroform	ug/m3	ND	08/11/06	TPH	49.			
Chloromethane	ug/m3	ND	08/11/06	TPH	21.			
Cyclohexane	ug/m3	ND	08/11/06	TPH	34.			
1,2-Dibromoethane	ug/m3	ND	08/11/06	TPH	77.			
1,2-Dichlorobenzene	ug/m3	ND	08/11/06	TPH	61.			
1,3-Dichlorobenzene	ug/m3	ND	08/11/06	TPH	61.			
1,4-Dichlorobenzene	ug/m3	ND	08/11/06	TPH	61.			
Dichlorodifluoromethane	ug/m3	23000000	08/11/06	TPH	49.			
1,1-Dichloroethane	ug/m3	ND	08/11/06	TPH	41.			
1,2-Dichloroethane	ug/m3	ND	08/11/06	TPH	41.			
1,1-Dichloroethylene	ug/m3	ND	08/11/06	TPH	40.			
cis-1,2-Dichloroethylene	ug/m3	ND	08/11/06	TPH	40.			
t-1,2-Dichloroethylene	ug/m3	ND	08/11/06	TPH	40.			
1,2-Dichloropropane	ug/m3	ND	08/11/06	TPH	47.			
cis-1,3-Dichloropropene	ug/m3	ND	08/11/06	TPH	46.			
trans-1,3-Dichloropropene	ug/m3	ND	08/11/06	TPH	46.			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	08/11/06	TPH	70.			
Ethanol	ug/m3	ND	08/11/06	TPH	18.			

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



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Purchase Order No.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP003

Sample ID : \*06B25529

Sampled : 8/3/2006  
7-8' (CT1343)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	08/11/06	TPH	36.			
Ethylbenzene	ug/m3	180	08/11/06	TPH	43.			
4-Ethyl Toluene	ug/m3	ND	08/11/06	TPH	50.			
n-Heptane	ug/m3	ND	08/11/06	TPH	40.			
Hexachlorobutadiene	ug/m3	ND	08/11/06	TPH	110			
Hexane	ug/m3	ND	08/11/06	TPH	36.			
2-Hexanone	ug/m3	ND	08/11/06	TPH	40.			
Isopropanol	ug/m3	ND	08/11/06	TPH	24.			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/11/06	TPH	36.			
Methylene Chloride	ug/m3	ND	08/11/06	TPH	35.			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/11/06	TPH	40.			
Propene	ug/m3	ND	08/11/06	TPH	18.			
Styrene	ug/m3	450	08/11/06	TPH	43.			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/11/06	TPH	69.			
Tetrachloroethylene	ug/m3	ND	08/11/06	TPH	68.			
Tetrahydrofuran	ug/m3	ND	08/11/06	TPH	30.			
Toluene	ug/m3	170	08/11/06	TPH	38.			
1,2,4-Trichlorobenzene	ug/m3	ND	08/11/06	TPH	75.			
1,1,1-Trichloroethane	ug/m3	ND	08/11/06	TPH	55.			
1,1,2-Trichloroethane	ug/m3	ND	08/11/06	TPH	55.			
Trichloroethylene	ug/m3	ND	08/11/06	TPH	54.			
Trichlorofluoromethane	ug/m3	480	08/11/06	TPH	56.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/11/06	TPH	77.			
1,2,4-Trimethylbenzene	ug/m3	50.	08/11/06	TPH	49.			
1,3,5-Trimethylbenzene	ug/m3	ND	08/11/06	TPH	50.			
Vinyl Acetate	ug/m3	ND	08/11/06	TPH	36.			
Vinyl Chloride	ug/m3	ND	08/11/06	TPH	26.			
m/p-Xylene	ug/m3	ND	08/11/06	TPH	87.			
o-Xylene	ug/m3	ND	08/11/06	TPH	44.			

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Purchase Order No.:

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP003

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

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Purchase Order No.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP004

Sample ID : \*06B25530  
Sampled : 8/3/2006  
3.5' (CT1314)

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acetone	ug/m3	370	08/12/06	TPH	6.0			
Benzene	ug/m3	35.	08/12/06	TPH	8.0			
Benzyl Chloride	ug/m3	ND	08/12/06	TPH	13.			
Bromodichloromethane	ug/m3	ND	08/12/06	TPH	17.			
Bromomethane	ug/m3	ND	08/12/06	TPH	9.7			
1,3-Butadiene	ug/m3	ND	08/12/06	TPH	5.5			
2-Butanone (MEK)	ug/m3	45.	08/12/06	TPH	7.5			
Carbon Disulfide	ug/m3	13.	08/12/06	TPH	8.0			
Carbon Tetrachloride	ug/m3	ND	08/12/06	TPH	16.			
Chlorobenzene	ug/m3	ND	08/12/06	TPH	12.			
Chlorodibromomethane	ug/m3	ND	08/12/06	TPH	22.			
Chloroethane	ug/m3	ND	08/12/06	TPH	6.6			
Chloroform	ug/m3	ND	08/12/06	TPH	13.			
Chloromethane	ug/m3	ND	08/12/06	TPH	5.2			
Cyclohexane	ug/m3	11.	08/12/06	TPH	8.5			
1,2-Dibromoethane	ug/m3	ND	08/12/06	TPH	20.			
1,2-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
1,3-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
1,4-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
Dichlorodifluoromethane	ug/m3	4600	08/12/06	TPH	12.			
1,1-Dichloroethane	ug/m3	ND	08/12/06	TPH	11.			
1,2-Dichloroethane	ug/m3	ND	08/12/06	TPH	11.			
1,1-Dichloroethylene	ug/m3	ND	08/12/06	TPH	9.9			
cis-1,2-Dichloroethylene	ug/m3	ND	08/12/06	TPH	9.9			
t-1,2-Dichloroethylene	ug/m3	ND	08/12/06	TPH	10.			
1,2-Dichloropropane	ug/m3	ND	08/12/06	TPH	12.			
cis-1,3-Dichloropropene	ug/m3	ND	08/12/06	TPH	12.			
trans-1,3-Dichloropropene	ug/m3	ND	08/12/06	TPH	12.			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	08/12/06	TPH	18.			
Ethanol	ug/m3	ND	08/12/06	TPH	4.5			

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Purchase Order No.:

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP004

Sample ID : \*06B25530  
Sampled : 8/3/2006  
3.5' (CT1314)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	08/12/06	TPH	9.0			
Ethylbenzene	ug/m3	46.	08/12/06	TPH	11.			
4-Ethyl Toluene	ug/m3	33.	08/12/06	TPH	12.			
n-Heptane	ug/m3	44.	08/12/06	TPH	10.			
Hexachlorobutadiene	ug/m3	ND	08/12/06	TPH	27.			
Hexane	ug/m3	58.	08/12/06	TPH	9.0			
2-Hexanone	ug/m3	ND	08/12/06	TPH	10.			
Isopropanol	ug/m3	ND	08/12/06	TPH	6.0			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/12/06	TPH	9.0			
Methylene Chloride	ug/m3	ND	08/12/06	TPH	8.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/12/06	TPH	10.			
Propene	ug/m3	ND	08/12/06	TPH	4.5			
Styrene	ug/m3	22.	08/12/06	TPH	11.			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/12/06	TPH	18.			
Tetrachloroethylene	ug/m3	ND	08/12/06	TPH	17.			
Tetrahydrofuran	ug/m3	ND	08/12/06	TPH	7.5			
Toluene	ug/m3	110	08/12/06	TPH	9.4			
1,2,4-Trichlorobenzene	ug/m3	ND	08/12/06	TPH	19.			
1,1,1-Trichloroethane	ug/m3	ND	08/12/06	TPH	14.			
1,1,2-Trichloroethane	ug/m3	ND	08/12/06	TPH	14.			
Trichloroethylene	ug/m3	ND	08/12/06	TPH	14.			
Trichlorofluoromethane	ug/m3	ND	08/12/06	TPH	15.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/12/06	TPH	20.			
1,2,4-Trimethylbenzene	ug/m3	110	08/12/06	TPH	12.			
1,3,5-Trimethylbenzene	ug/m3	48.	08/12/06	TPH	12.			
Vinyl Acetate	ug/m3	ND	08/12/06	TPH	9.0			
Vinyl Chloride	ug/m3	ND	08/12/06	TPH	6.4			
m/p-Xylene	ug/m3	70.	08/12/06	TPH	22.			
o-Xylene	ug/m3	63.	08/12/06	TPH	11.			

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determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No.:

Project Number: 0353-006

LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Date Received: 8/10/2006

Field Sample #: VP004

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.:

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Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP005

Sample ID : 06B25531  
Sampled : 8/3/2006  
6.5' (CT1329)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	ug/m3	ND	08/12/06	TPH	6.0			
Benzene	ug/m3	39.	08/12/06	TPH	8.0			
Benzyl Chloride	ug/m3	ND	08/12/06	TPH	13.			
Bromodichloromethane	ug/m3	ND	08/12/06	TPH	17.			
Bromomethane	ug/m3	ND	08/12/06	TPH	9.7			
1,3-Butadiene	ug/m3	ND	08/12/06	TPH	5.5			
2-Butanone (MEK)	ug/m3	ND	08/12/06	TPH	7.5			
Carbon Disulfide	ug/m3	ND	08/12/06	TPH	8.0			
Carbon Tetrachloride	ug/m3	ND	08/12/06	TPH	16.			
Chlorobenzene	ug/m3	ND	08/12/06	TPH	12.			
Chlorodibromomethane	ug/m3	ND	08/12/06	TPH	22.			
Chloroethane	ug/m3	ND	08/12/06	TPH	6.6			
Chloroform	ug/m3	ND	08/12/06	TPH	13.			
Chloromethane	ug/m3	ND	08/12/06	TPH	5.2			
Cyclohexane	ug/m3	ND	08/12/06	TPH	8.5			
1,2-Dibromoethane	ug/m3	ND	08/12/06	TPH	20.			
1,2-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
1,3-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
1,4-Dichlorobenzene	ug/m3	ND	08/12/06	TPH	16.			
Dichlorodifluoromethane	ug/m3	ND	08/12/06	TPH	13.			
1,1-Dichloroethane	ug/m3	ND	08/12/06	TPH	11.			
1,2-Dichloroethane	ug/m3	ND	08/12/06	TPH	11.			
1,1-Dichloroethylene	ug/m3	ND	08/12/06	TPH	9.9			
cis-1,2-Dichloroethylene	ug/m3	ND	08/12/06	TPH	9.9			
t-1,2-Dichloroethylene	ug/m3	ND	08/12/06	TPH	10.			
1,2-Dichloropropane	ug/m3	ND	08/12/06	TPH	12.			
cis-1,3-Dichloropropene	ug/m3	ND	08/12/06	TPH	12.			
trans-1,3-Dichloropropene	ug/m3	ND	08/12/06	TPH	12.			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	08/12/06	TPH	18.			
Ethanol	ug/m3	ND	08/12/06	TPH	4.5			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit  
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Project Number: 0353-006

LIMS-BAT #: LIMS-99181

Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Field Sample #: VP005

Sample ID : 06B25531  
Sampled : 8/3/2006  
6.5' (CT1329)

Sample Matrix: AIR  
Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Ethyl Acetate	ug/m3	ND	08/12/06	TPH	9.0			
Ethylbenzene	ug/m3	20.	08/12/06	TPH	11.			
4-Ethyl Toluene	ug/m3	ND	08/12/06	TPH	13.			
n-Heptane	ug/m3	13.	08/12/06	TPH	10.			
Hexachlorobutadiene	ug/m3	ND	08/12/06	TPH	27.			
Hexane	ug/m3	ND	08/12/06	TPH	9.0			
2-Hexanone	ug/m3	ND	08/12/06	TPH	10.			
Isopropanol	ug/m3	ND	08/12/06	TPH	6.0			
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/12/06	TPH	9.0			
Methylene Chloride	ug/m3	ND	08/12/06	TPH	8.7			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/12/06	TPH	10.			
Propene	ug/m3	ND	08/12/06	TPH	4.5			
Styrene	ug/m3	29.	08/12/06	TPH	11.			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/12/06	TPH	18.			
Tetrachloroethylene	ug/m3	ND	08/12/06	TPH	17.			
Tetrahydrofuran	ug/m3	ND	08/12/06	TPH	7.5			
Toluene	ug/m3	68.	08/12/06	TPH	9.4			
1,2,4-Trichlorobenzene	ug/m3	ND	08/12/06	TPH	19.			
1,1,1-Trichloroethane	ug/m3	ND	08/12/06	TPH	14.			
1,1,2-Trichloroethane	ug/m3	ND	08/12/06	TPH	14.			
Trichloroethylene	ug/m3	ND	08/12/06	TPH	14.			
Trichlorofluoromethane	ug/m3	ND	08/12/06	TPH	15.			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/12/06	TPH	20.			
1,2,4-Trimethylbenzene	ug/m3	31.	08/12/06	TPH	12.			
1,3,5-Trimethylbenzene	ug/m3	ND	08/12/06	TPH	13.			
Vinyl Acetate	ug/m3	ND	08/12/06	TPH	9.0			
Vinyl Chloride	ug/m3	ND	08/12/06	TPH	6.4			
m/p-Xylene	ug/m3	25.	08/12/06	TPH	22.			
o-Xylene	ug/m3	20.	08/12/06	TPH	11.			

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





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SUMMIT ENVIROSOLUTIONS  
1217 BANDANA BLVD., NORTH  
ST. PAUL, MN 55108

8/22/2006  
Page 32 of 33

Purchase Order No.:

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006  
Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Field Sample #: VP005

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

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



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ST. PAUL, MN 55108

8/22/2006  
Page 33 of 33

Purchase Order No.:

Project Number: 0353-006  
LIMS-BAT #: LIMS-99181  
Job Number: 0353-006

Project Location: GRANITE FALLS, MN  
Date Received: 8/10/2006

The following notes were attached to the reported analysis :

Sample ID: \* 06B25527

Analysis: Dichlorodifluoromethane

REPORTED RESULT IS ESTIMATED. VALUE REPORTED OVER VERIFIED CALIBRATION RANGE.

Sample ID: \* 06B25529

Analysis: Dichlorodifluoromethane

REPORTED RESULT IS ESTIMATED. VALUE REPORTED OVER VERIFIED CALIBRATION RANGE.

Sample ID: \* 06B25530

Analysis: Acetone

REPORTED RESULT IS ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

Sample ID: \* 06B25530

Analysis: Dichlorodifluoromethane

REPORTED RESULT IS ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

\*\* END OF REPORT \*\*

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



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates      BATCH QC: Lab fortified Blanks and Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates      Standard Reference Materials and Duplicates  
Method Blanks

Report Date:	8/22/2006	Lims Bat #:	LIMS-99181	Page 1 of 4	
QC Batch Number:	BATCH-11174				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
06B25527	4-Bromofluorobenzene	Surrogate Recovery	168.1	%	70-130
06B25528	4-Bromofluorobenzene	Surrogate Recovery	112.5	%	70-130
06B25529	4-Bromofluorobenzene	Surrogate Recovery	103.0	%	70-130
06B25530	4-Bromofluorobenzene	Surrogate Recovery	111.2	%	70-130
06B25531	4-Bromofluorobenzene	Surrogate Recovery	109.5	%	70-130
BLANK-91070	Acetone	Blank	1.8	ug/m3	
	Benzene	Blank	<1.6	ug/m3	
	Carbon Tetrachloride	Blank	<3.1	ug/m3	
	Chloroform	Blank	<2.5	ug/m3	
	1,2-Dichloroethane	Blank	<2.1	ug/m3	
	1,4-Dichlorobenzene	Blank	<3.1	ug/m3	
	Ethyl Acetate	Blank	<1.8	ug/m3	
	Ethylbenzene	Blank	<2.2	ug/m3	
	Hexane	Blank	<1.8	ug/m3	
	Isopropanol	Blank	<1.2	ug/m3	
	2-Butanone (MEK)	Blank	<1.5	ug/m3	
	4-Methyl-2-Pentanone (MIBK)	Blank	<2.0	ug/m3	
	Styrene	Blank	<2.2	ug/m3	
	Tetrachloroethylene	Blank	<3.4	ug/m3	
	Toluene	Blank	<1.9	ug/m3	
	1,1,1-Trichloroethane	Blank	<2.8	ug/m3	
	Trichloroethylene	Blank	<2.7	ug/m3	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<3.9	ug/m3	
	Trichlorofluoromethane	Blank	<2.9	ug/m3	
	o-Xylene	Blank	<2.2	ug/m3	
	m/p-Xylene	Blank	<4.4	ug/m3	
	1,2-Dichlorobenzene	Blank	<3.1	ug/m3	
	1,3-Dichlorobenzene	Blank	<3.1	ug/m3	
	1,1-Dichloroethane	Blank	<2.1	ug/m3	
	1,1-Dichloroethylene	Blank	<2.0	ug/m3	
	Ethanol	Blank	<0.9	ug/m3	
	4-Ethyl Toluene	Blank	<2.5	ug/m3	
	Methyl tert-Butyl Ether (MTBE)	Blank	<1.8	ug/m3	
	t-1,2-Dichloroethylene	Blank	<2.0	ug/m3	
	Vinyl Chloride	Blank	<1.3	ug/m3	
	Methylene Chloride	Blank	<1.8	ug/m3	
	Chlorobenzene	Blank	<2.3	ug/m3	
	Chloromethane	Blank	<1.1	ug/m3	



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates      BATCH QC: Lab fortified Blanks and Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates      Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 8/22/2006

Lims Bat # : LIMS-99181

Page 2 of 4

QC Batch Number: BATCH-11174

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----------	----------	-------------	--------	-------	--------

BLANK-91070	Bromomethane	Blank	<2.0	ug/m3	
	Chloroethane	Blank	<1.4	ug/m3	
	cis-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	trans-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	Chlorodibromomethane	Blank	<4.3	ug/m3	
	1,1,2-Trichloroethane	Blank	<2.8	ug/m3	
	1,1,2,2-Tetrachloroethane	Blank	<3.5	ug/m3	
	Hexachlorobutadiene	Blank	<5.4	ug/m3	
	1,2,4-Trichlorobenzene	Blank	<3.8	ug/m3	
	1,2,4-Trimethylbenzene	Blank	<2.5	ug/m3	
	1,3,5-Trimethylbenzene	Blank	<2.5	ug/m3	
	Cyclohexane	Blank	<1.7	ug/m3	
	cis-1,2-Dichloroethylene	Blank	<2.0	ug/m3	
	1,2-Dichloropropane	Blank	<2.4	ug/m3	
	Dichlorodifluoromethane	Blank	<2.5	ug/m3	
	Benzyl Chloride	Blank	<2.6	ug/m3	
	Carbon Disulfide	Blank	<1.6	ug/m3	
	Vinyl Acetate	Blank	<1.8	ug/m3	
	2-Hexanone	Blank	<2.0	ug/m3	
	Bromodichloromethane	Blank	<3.4	ug/m3	
	1,2-Dibromoethane	Blank	<3.9	ug/m3	
	n-Heptane	Blank	<2.0	ug/m3	
	1,2-Dichlorotetrafluoroethane (114)	Blank	<3.5	ug/m3	
	Tetrahydrofuran	Blank	<1.5	ug/m3	
	Propene	Blank	<0.9	ug/m3	
	1,3-Butadiene	Blank	<1.1	ug/m3	



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates      BATCH QC: Lab fortified Blanks and Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates      Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 8/22/2006      Lims Bat #: LIMS-99181      Page 3 of 4

**NOTES:**

QC Batch No.: BATCH-11174  
Sample ID : 06B25527  
Analysis : 4-Bromofluorobenzene

SURROGATE STANDARD RECOVERY OUTSIDE OF CONTROL LIMITS. RE-ANALYSIS AT A DILUTION YIELDED SIMILAR SURROGATE OUTLIER. OUTLIER IS ATTRIBUTED TO SAMPLE MATRIX INTERFERENCE WITH SURROGATE STANDARD PEAK YIELDING A HIGH BIAS.



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates      BATCH QC: Lab fortified Blanks and Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates      Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 8/22/2006

Lims Bat #: LIMS-99181

Page 4 of 4

**QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS**

**QC BATCH NUMBER**

This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

**LIMITS**

Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount

Amount of analyte found in a sample.

Blank

Method Blank that has been taken through all the steps of the analysis.

LFBLANK

Laboratory Fortified Blank (a control sample)

STDADD

Standard Added (a laboratory control sample)

Matrix Spk Amt Added  
MS Amt Measured  
Matrix Spike & Rec.

Amount of analyte spiked into a sample  
Amount of analyte found including amount that was spiked  
& Recovery of spiked amount in sample.

Duplicate Value  
Duplicate RPD

The result from the Duplicate analysis of the sample.  
The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery

The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD)  
Sur. Recovery (PID)

Surrogate Recovery on the Electrolytic Conductivity Detector.  
Surrogate Recovery on the Photoionization Detector.

Standard Measured  
Standard Amt Added  
Standard % Recovery

Amount measured for a laboratory control sample  
Known value for a laboratory control sample  
& recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt  
Lab Fort Blk. Found  
Lab Fort Blk & Rec  
Dup Lab Fort Bl Amt  
Dup Lab Fort Bl Fnd  
Dup Lab Fort Bl & Rec  
Lab Fort Blank Range

Laboratory Fortified Blank Amount Added  
Laboratory Fortified Blank Amount Found  
Laboratory Fortified Blank & Recovered  
Duplicate Laboratory Fortified Blank Amount Added  
Duplicate Laboratory Fortified Blank Amount Found  
Duplicate Laboratory Fortified Blank & Recovery  
Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).  
Laboratory Fortified Blank Average Recovery

Lab Fort Bl. Av. Rec.

Duplicate Sample Amt  
MSD Amount Added  
MSD Amt Measured  
MSD & Recovery  
MSD Range

Sample Value for Duplicate used with Matrix Spike Duplicate  
Matrix Spike Duplicate Amount Added (Spiked)  
Matrix Spike Duplicate Amount Measured  
Matrix Spike Duplicate & Recovery  
Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



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413.525.6405 (fax)

## RESULTS FOR TIC'S BY METHOD TO-15

Lab ID Number: 06B25527  
Client ID Number: VP-001

LIMS Number: 99181  
Date Analyzed: 8/11/06  
Analyst: TPH

<u>TIC</u>	<u>ESTIMATED CONC. (ppbv)</u>	<u>Retention Time</u>
CIS-1,2-DIMETHYL-CYCLOPENTANE	140	10.38
2,3,4-TRIMETHYL-PENTANE	2900	12.34
3,5-DIMETHYL-OCTANE	180	16.83
1-ETHYL-2-METHYL-BENZENE	190	18.00

### TVOC

#### ESTIMATED CONC. (ppbv)

230000

Method: TO-15 (Modified)  
Sampled in a Summa Canister. Analyzed by GCMS.  
TIC = Tentatively Identified Compound  
TVOC = Total Volatile Organic Compounds Quanted as Toluene



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**RESULTS FOR TIC'S BY METHOD TO-15**

Lab ID Number: 06B25528  
Client ID Number: VP-002

LIMS Number: 99181  
Date Analyzed: 8/12/06  
Analyst: TPH

<u>TIC</u>	ESTIMATED CONC. (ppbv)	Retention Time
NONE DETECTED		

<u>TVOC</u>	ESTIMATED CONC. (ppbv)
	39000

Method: TO-15 (Modified)  
Sampled in a Summa Canister. Analyzed by GCMS.  
TIC = Tentatively Identified Compound  
TVOC = Total Volatile Organic Compounds Quanted as Toluene





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## RESULTS FOR TIC'S BY METHOD TO-15

Lab ID Number: 06B25529  
Client ID Number: VP-003

LIMS Number: 99181  
Date Analyzed: 8/11/06  
Analyst: TPH

<u>TIC</u>	<u>ESTIMATED CONC. (ppbv)</u>	<u>Retention Time</u>
2,4-DIMETHYL-1-DECANE	73	21.06
3,3,8-TRIMETHYL-DECANE	62	21.54
2,4-DIMETHYL-UNDECANE	93	21.81

### TVOC

ESTIMATED CONC. (ppbv)

124000

Method: TO-15 (Modified)  
Sampled in a Summa Canister. Analyzed by GCMS.  
TIC = Tentatively Identified Compound  
TVOC = Total Volatile Organic Compounds Quantated as Toluene  
TIC-25529.xls



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**RESULTS FOR TIC'S BY METHOD TO-15**

Lab ID Number: 06B25530  
Client ID Number: VP-004

LIMS Number: 99181  
Date Analyzed: 8/11/06  
Analyst: TPH

<u>TIC</u>	<u>ESTIMATED CONC. (ppbv)</u>	<u>Retention Time</u>
1-ETHYL-2-METHYL-BENZENE	18	17.53
1-ETHYL-4-METHYL-BENZENE	13	17.99
3-METHYL-DECANE	140	20.64
2,3,8-TRIMETHYL-DECANE	40	21.73

TVOC ESTIMATED CONC. (ppbv)  
18000

Method: TO-15 (Modified)  
Sampled in a Summa Canister. Analyzed by GCMS.  
TIC = Tentatively Identified Compound  
TVOC = Total Volatile Organic Compounds Quanted as Toluene



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413.525.6405 (fax)

## RESULTS FOR TIC'S BY METHOD TO-15

Lab ID Number: 06B25531  
Client ID Number: VP-005

LIMS Number: 99181  
Date Analyzed: 8/11/06  
Analyst: TPH

### TIC

ESTIMATED CONC. (ppbv)      Retention Time

NONE DETECTED

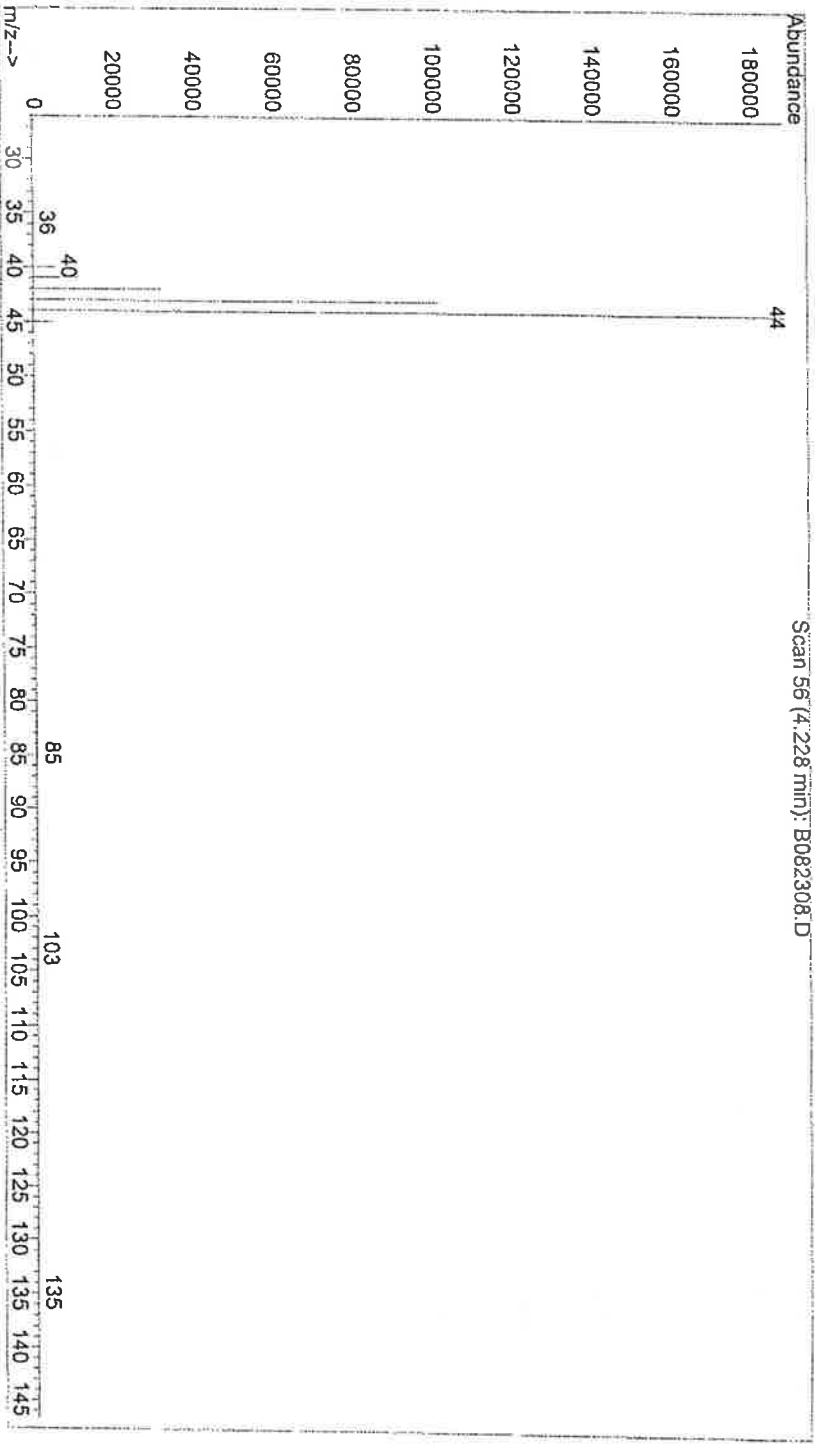
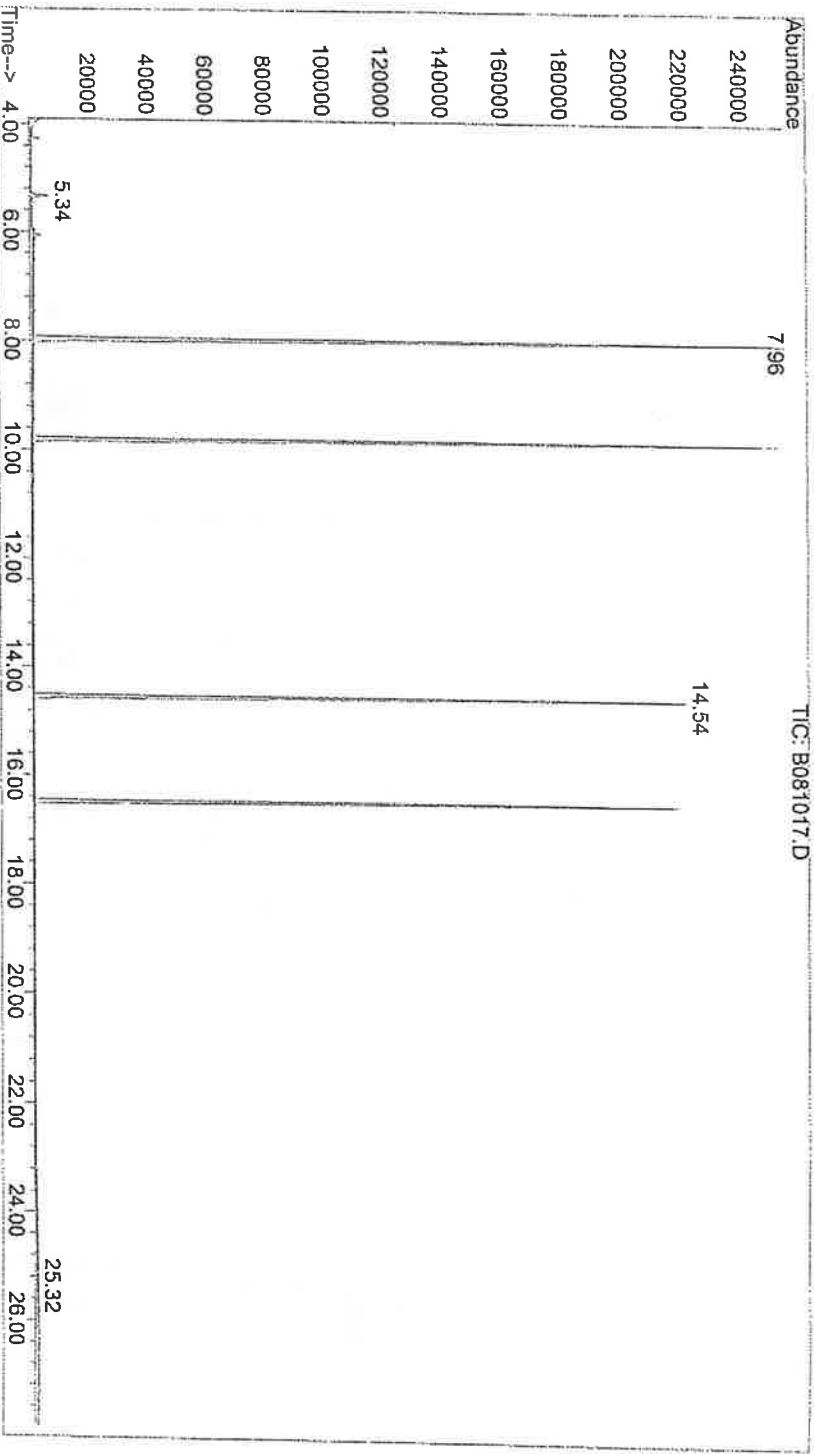
### TVOC

ESTIMATED CONC. (ppbv)

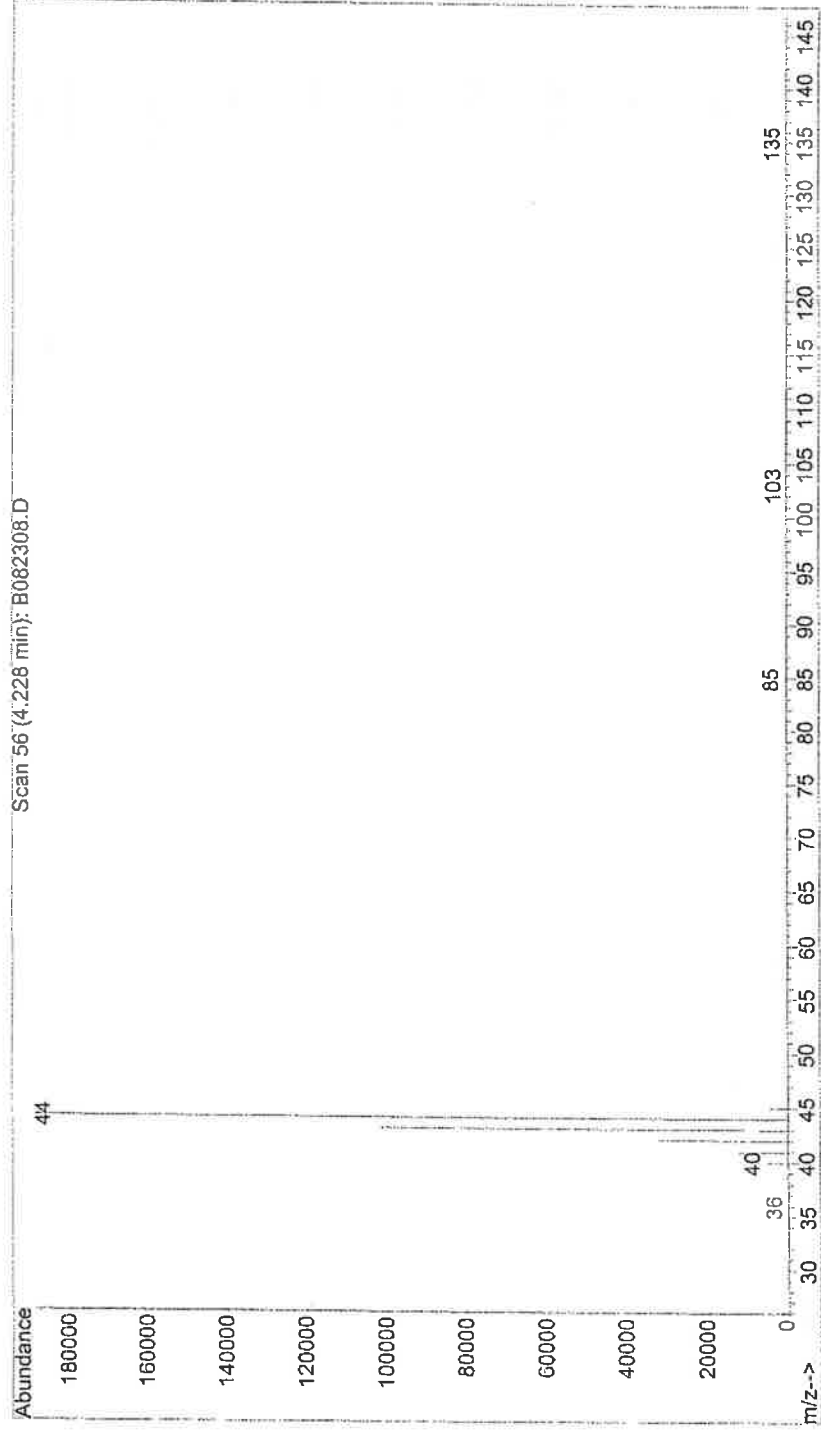
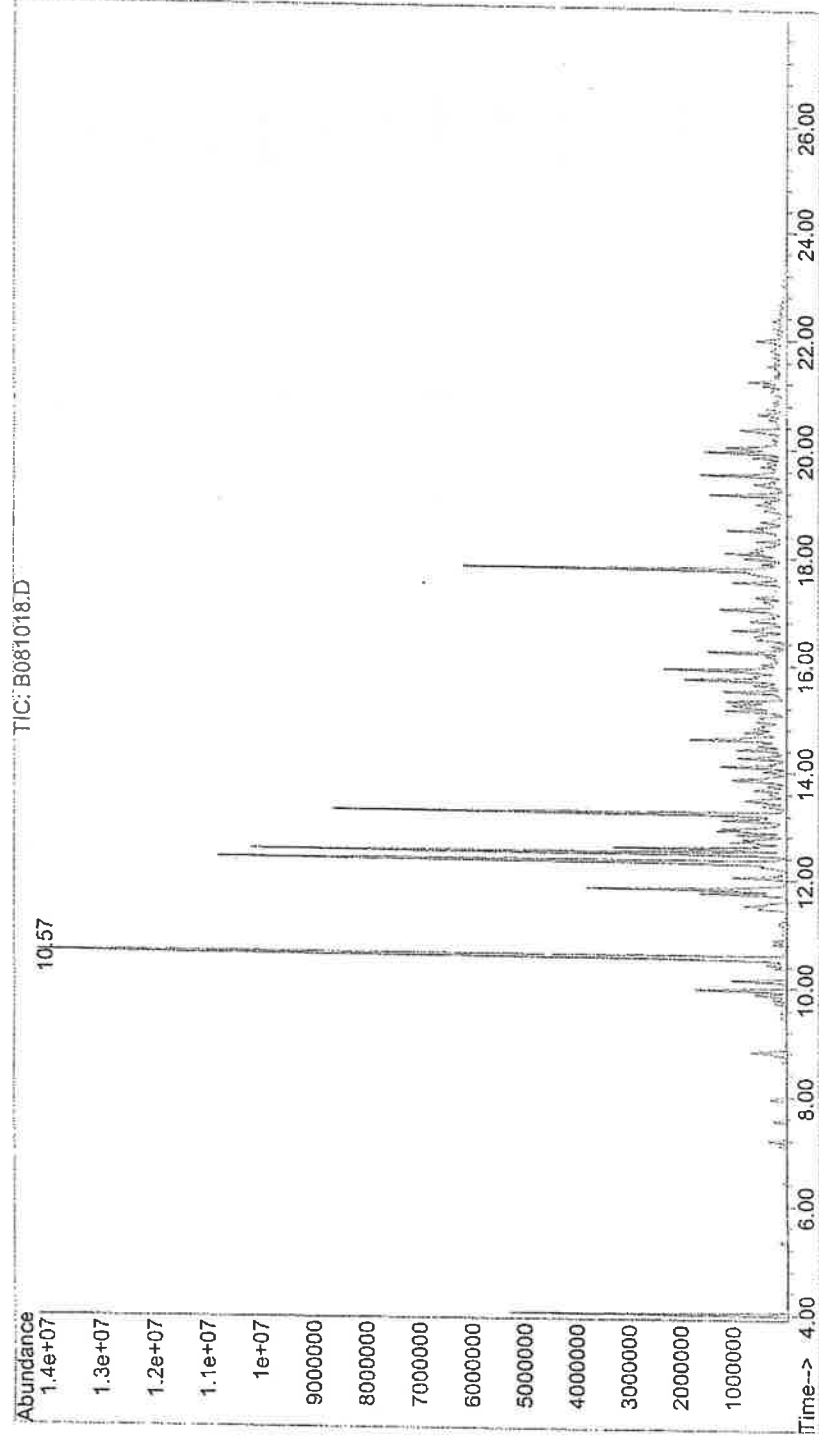
22000

Method: TO-15 (Modified)  
Sampled in a Summa Canister. Analyzed by GCMS.  
TIC = Tentatively Identified Compound  
TVOC = Total Volatile Organic Compounds Quanted as Toluene  
TIC-25531.xls

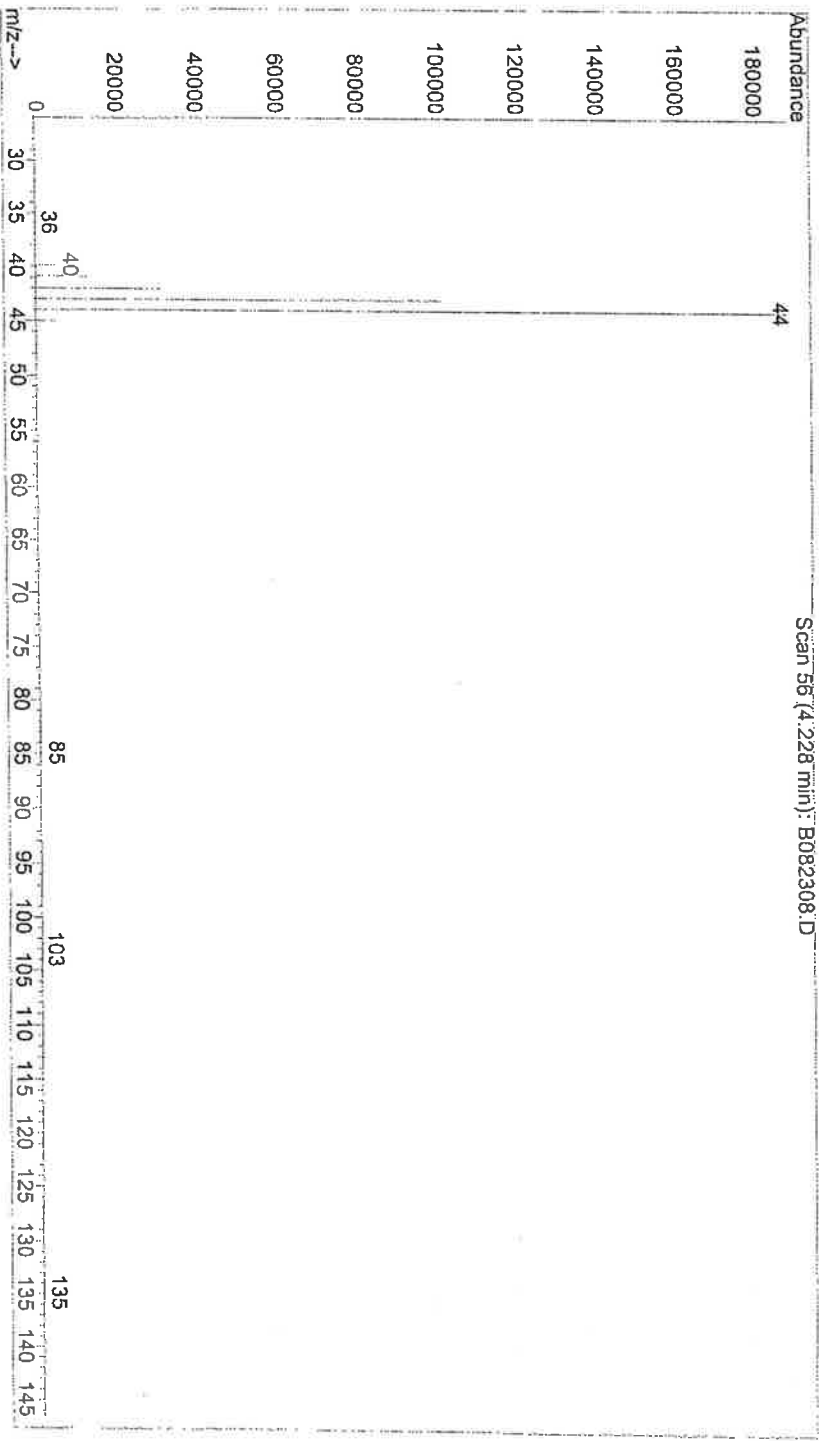
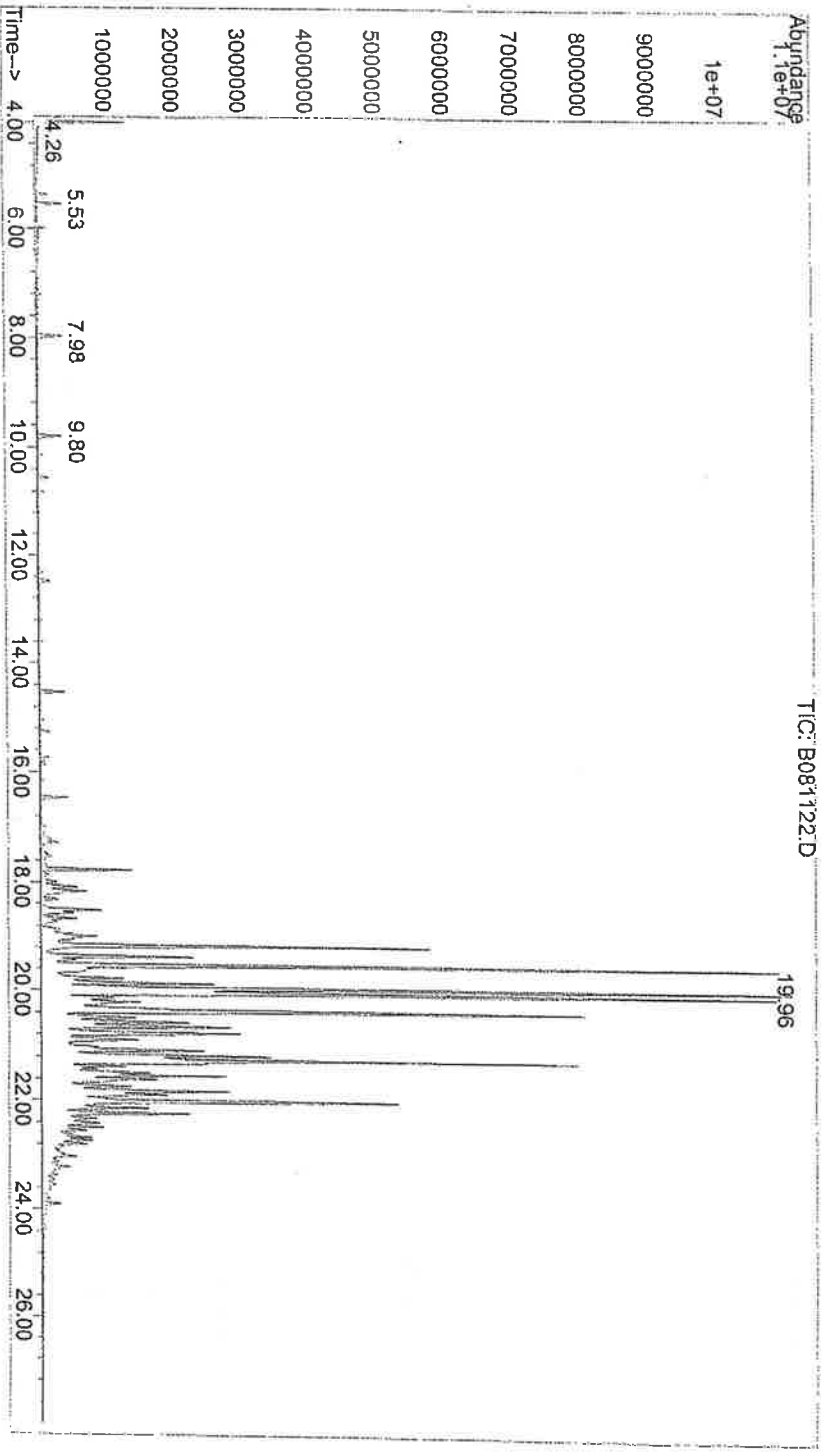
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Operator : TPH  
Acquired : 11 Aug 2006 4:16 am using AcqMethod T0080206  
Instrument : AIR Sys B  
Sample Name: MBL  
Misc Info :  
Vial Number: 1



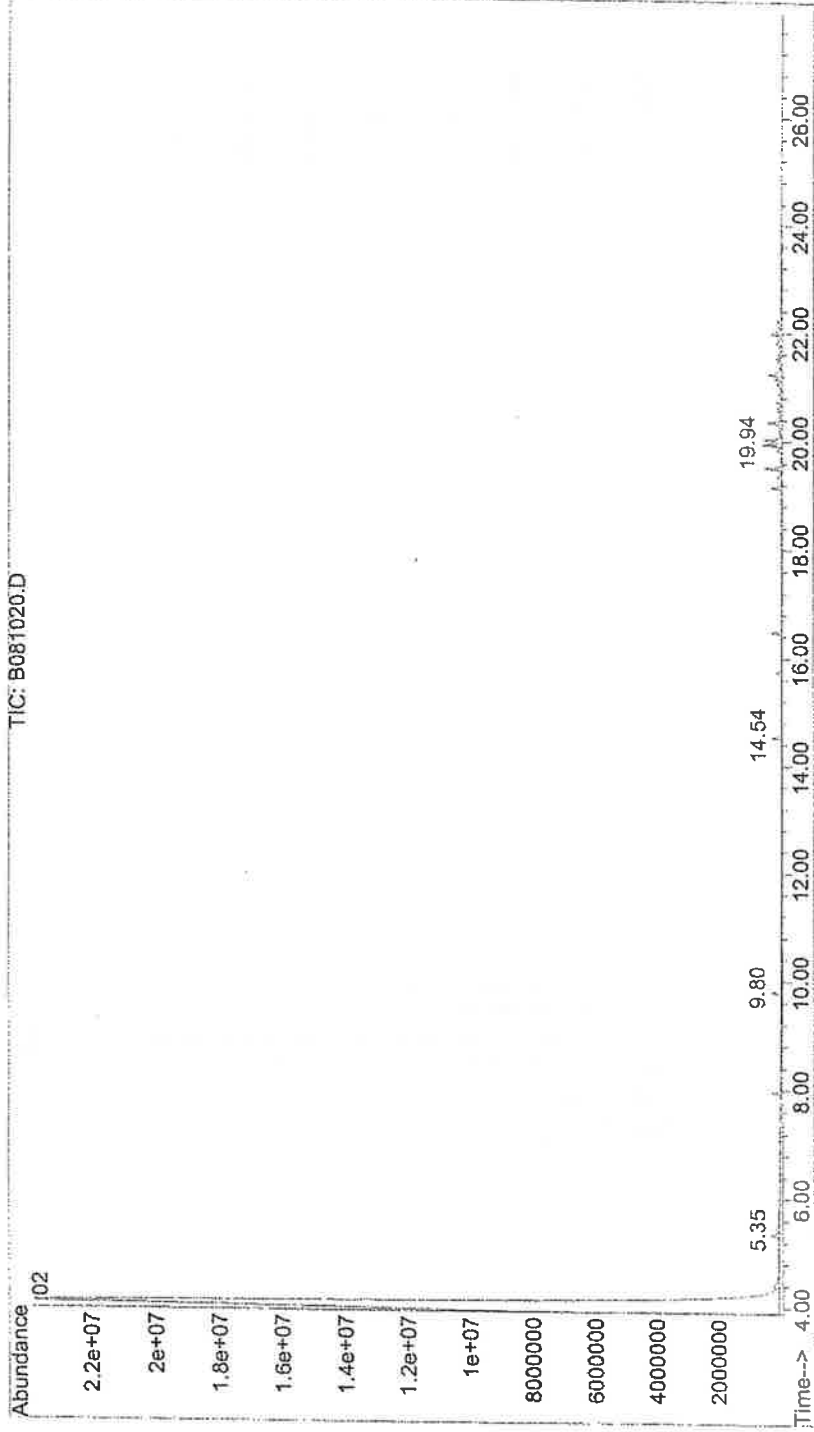
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Operator : TPH  
Acquired : 11 Aug 2006 5:03 am using AcqMethod TO080206  
Instrument : AIR Sys B  
Sample Name: 06B25527 20X  
Misc Info :  
Vial Number: 12



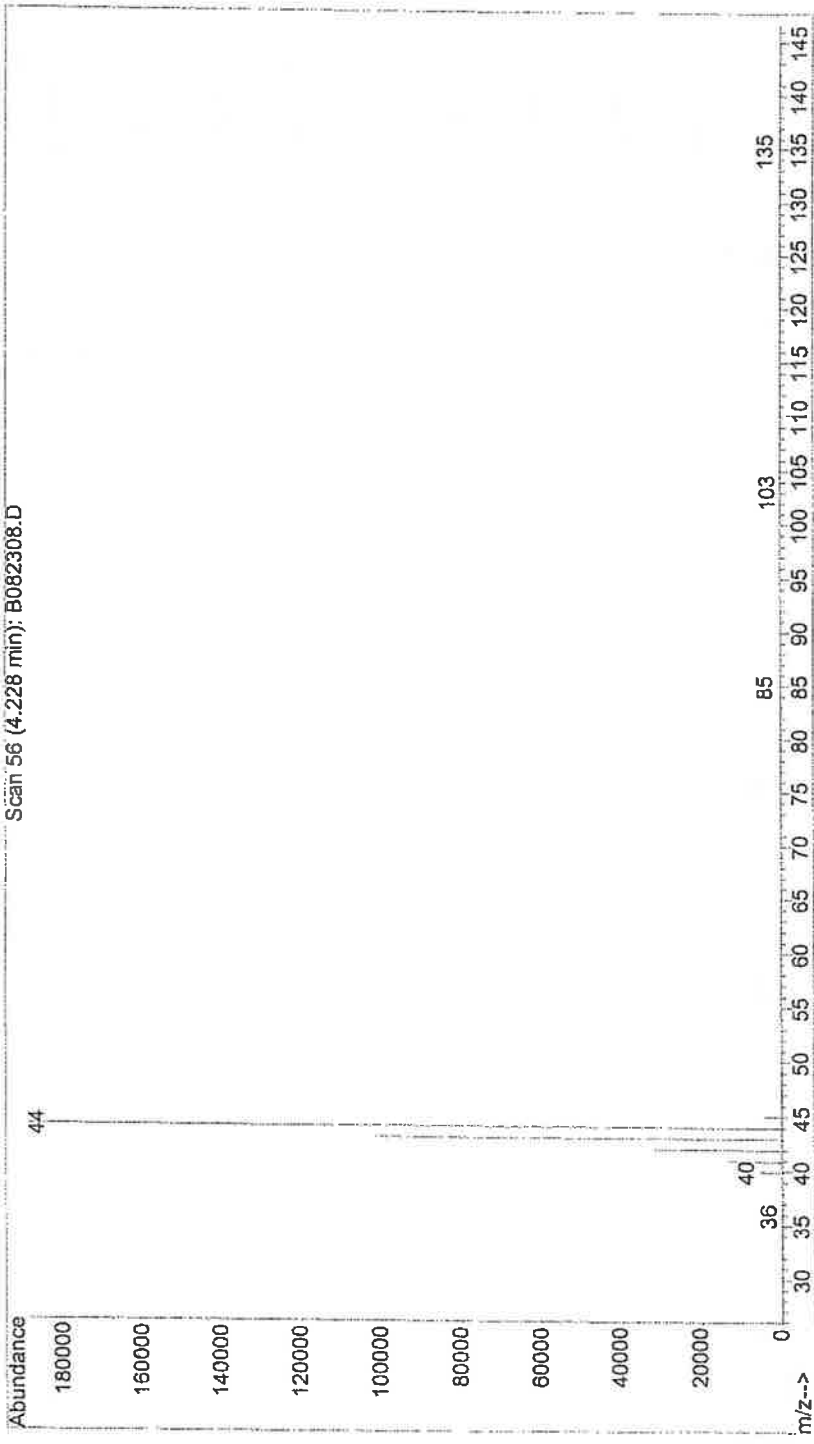
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Operator : TPH  
Acquired : 12 Aug 2006 3:42 am using AcqMethod T0080206  
Instrument : AIR Sys B  
Sample Name: 06B25528 5X  
Misc Info :  
Vial Number: 13



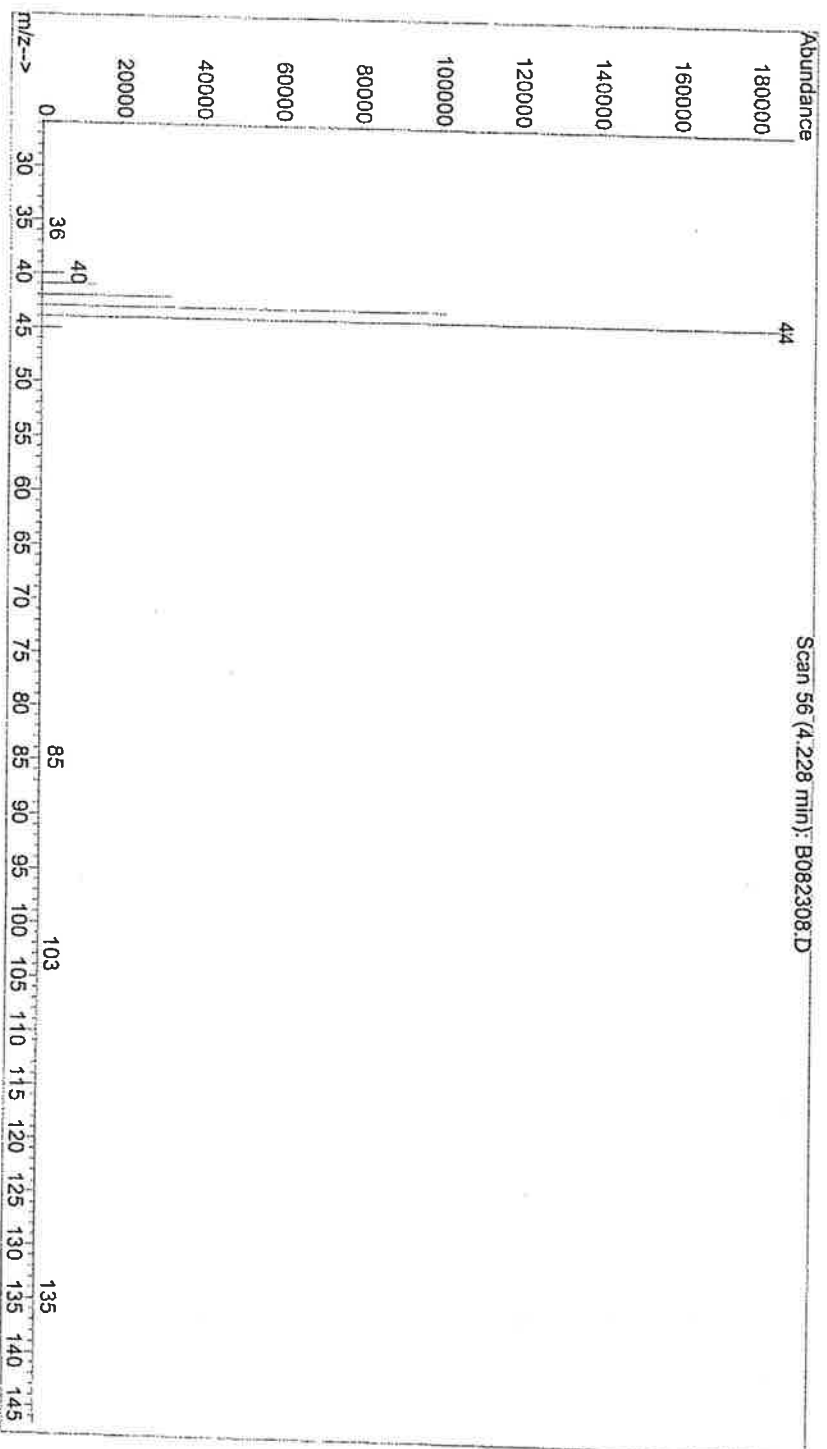
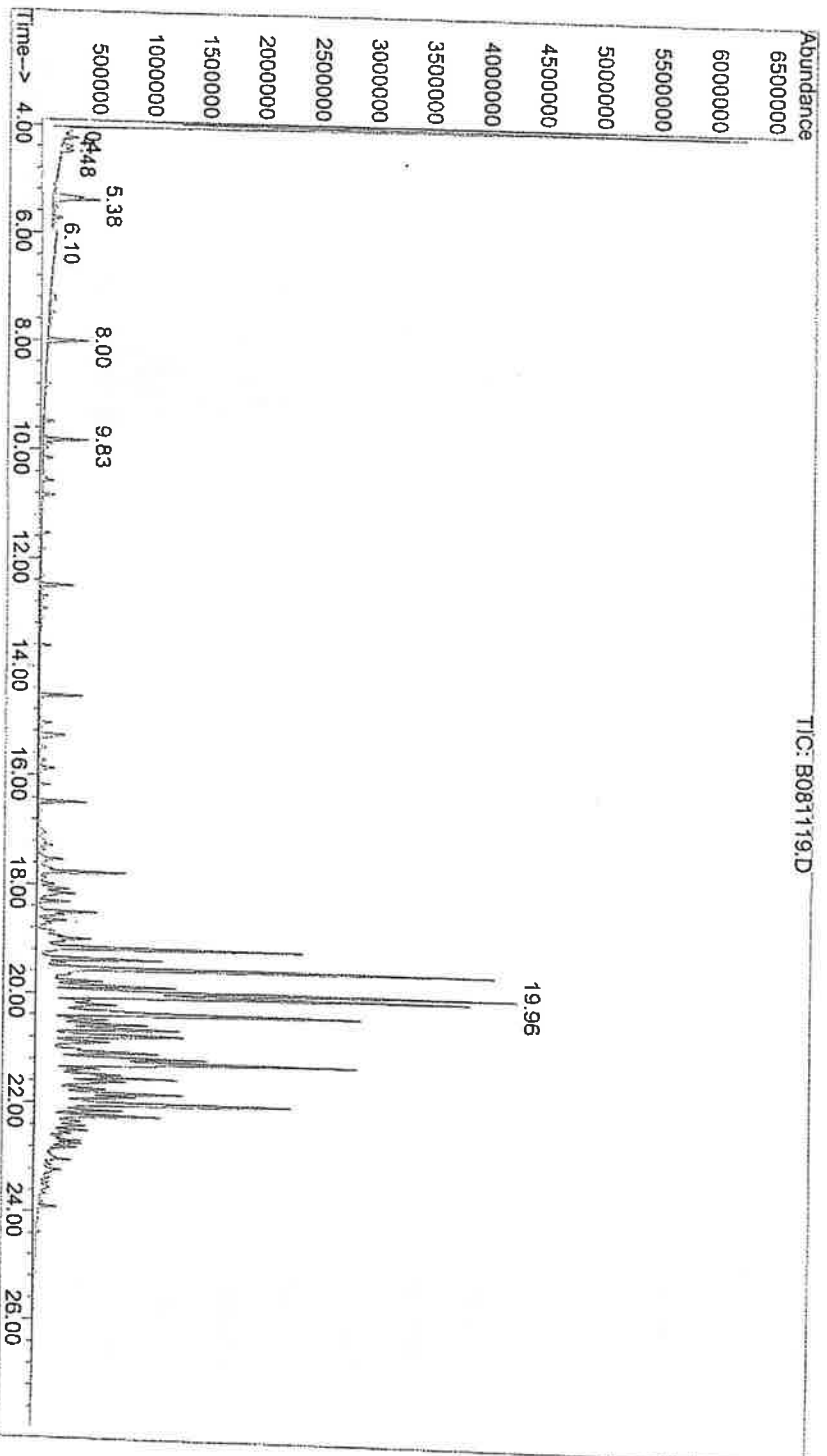
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Operator : TPH  
Acquired : 11 Aug 2006 6:43 am using AcqMethod TO080206  
Instrument : AIR Sys B  
Sample Name: 06B25529 20X  
Misc Info :  
Vial Number: 14



Scan 56 (4.226 min): B082308.D

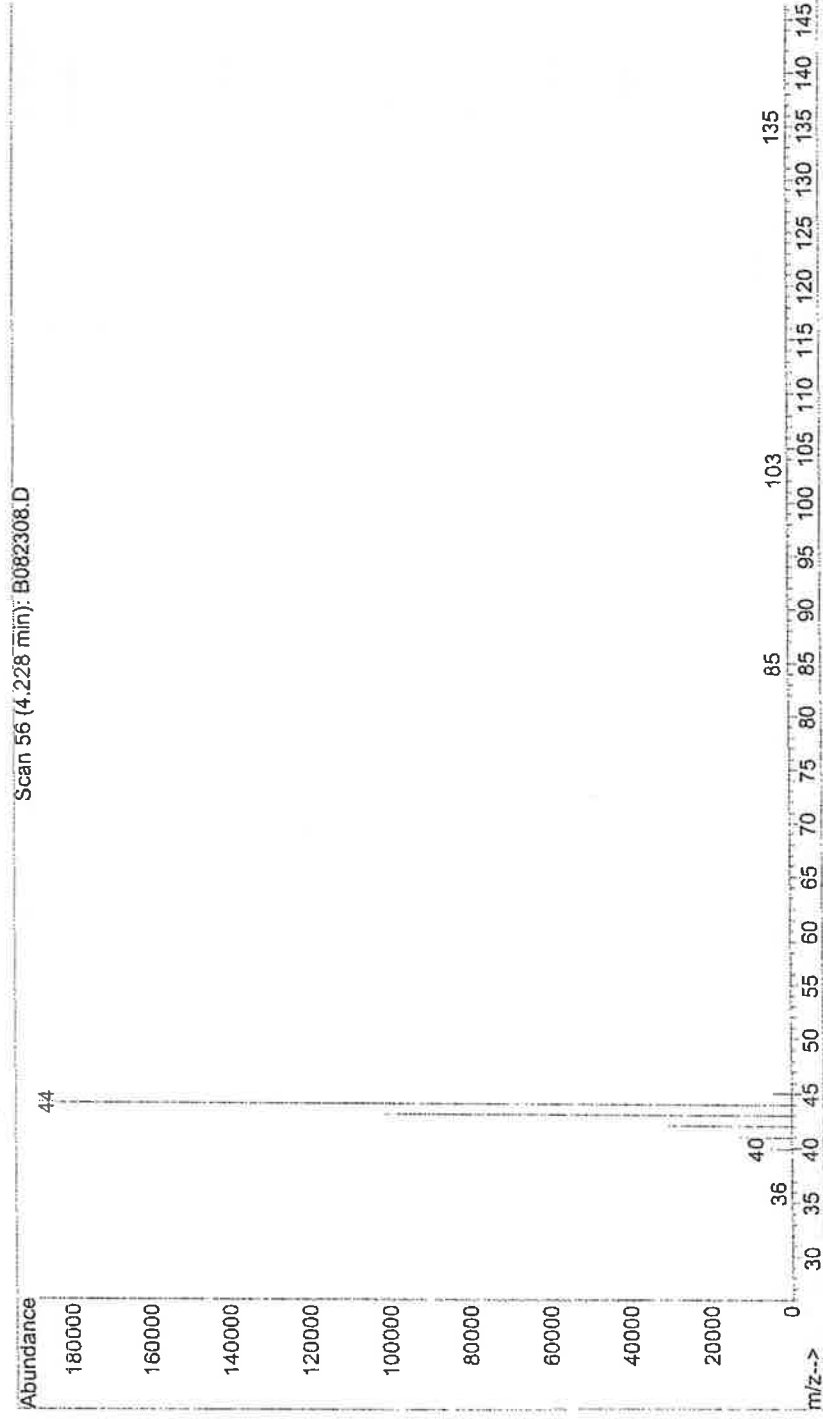
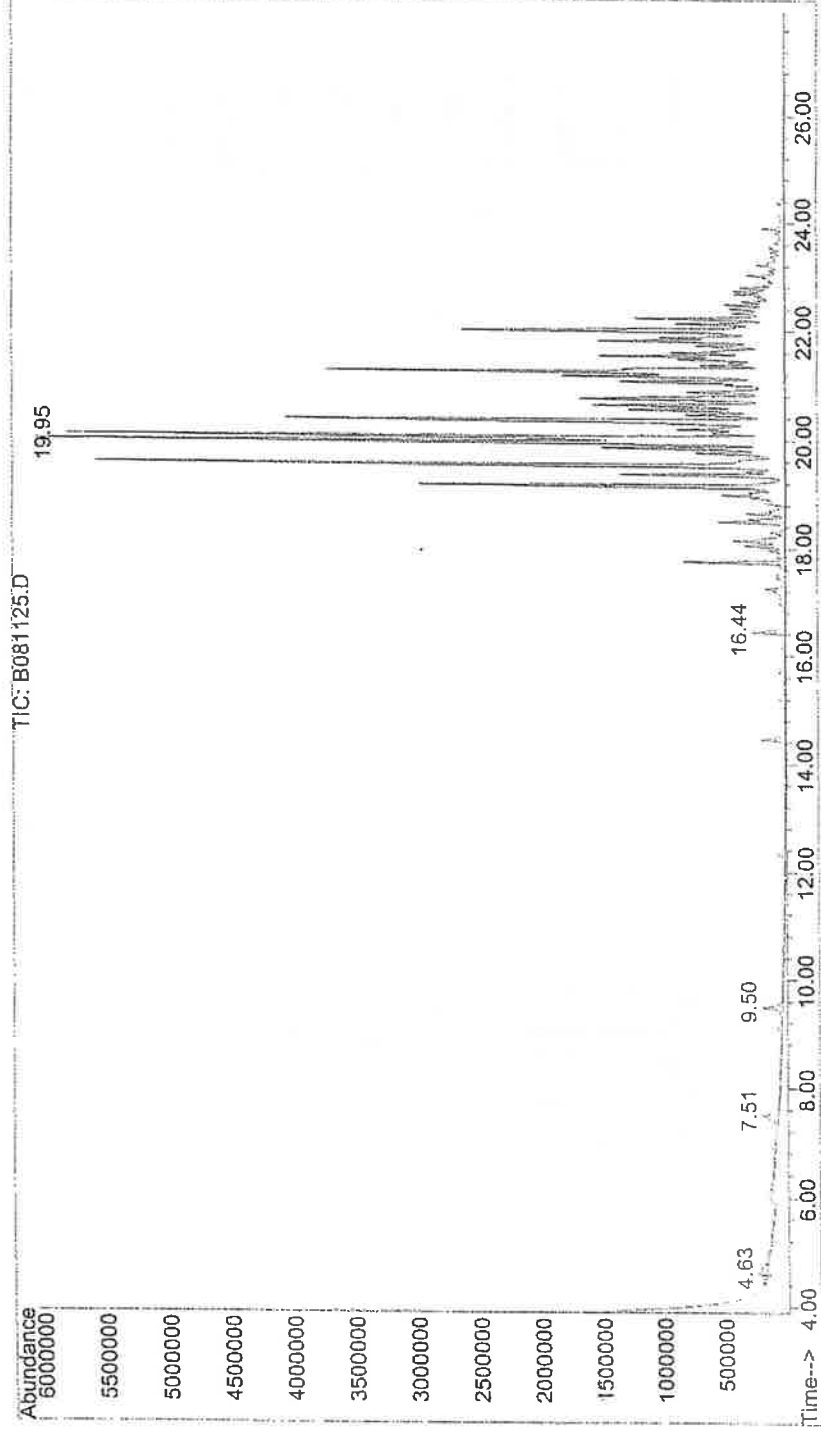


File : D:\HPCHEM\1\DATA\B081106\B081119.D  
Operator : TPH  
Acquired : 12 Aug 2006 1:24 am using AcqMethod T0080206  
Instrument : AIR Sys B  
Sample Name : 06B25530 5X  
Misc Info :  
Vial Number : 15





File : D:\HPCHEM\1\DATA\B081106\B081125.D  
Operator : TPH  
Acquired : 12 Aug 2006 6:02 am using AcqMethod TO080206  
Instrument : AIR Sys B  
Sample Name: 06B25531 5X  
Misc Info :  
Vial Number: 16



**CHAIN OF CUSTODY RECORD**

Company Name: Summit Environmental Solutions

Address: 1219 Rockledge Blvd, N

Attention: St Paul, MN  
Ryan Johnson

Project Location: Granite Falls, Minnesota

Sampled By: Daniel Hunter

Proposal Provided? (For Billing purposes)  yes  no  
proposal date \_\_\_\_\_

Telephone: (651) 842-4237 (Dan Hunter)  
Project # 0353-006  
Client PO # \_\_\_\_\_

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
Email: \_\_\_\_\_  
Fax #: \_\_\_\_\_  
Format:  EXCEL  PDF  GIS KEY  
 OTHER

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix   Conc.	Date Sampled				Client	Comments:
								Start	Stop	Comp- osite	Grab		
VP001 - 3.0 (CT163)	25527	01B	8/2/06	8/2/06				X					
VP002 - 10-11 (CT8477)	25528		8/2/06	8/2/06				X					
VP003 - 7-8 (CT1343)	25529		8/3/06	8/3/06				X					
VP004 - 3.5 (CT1314)	25530		8/3/06	8/3/06				X					
VP005 - 6.5 (CT1829)	25531		8/3/06	8/3/06				X					

Laboratory Comments: 10-15 to include Analytes requested for Minnesota

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) [Signature]  
Date/Time: 8/4/06 10:35

Relinquished by: (signature) [Signature]  
Date/Time: 8/10/06 15:00

Received by: (signature) \_\_\_\_\_  
Date/Time: \_\_\_\_\_

**Turnaround \*\***

7-Day  
 10-Day  
 Other

**RUSH \***

24-Hr  48-Hr  
 72-Hr  74-Day

\* Require lab approval

**Detection Limit Requirements**

Regulations? \_\_\_\_\_

Data Enhancement Project/RCP?  Y  N

Special Requirements or DL's: \_\_\_\_\_

**\*\*Preservation Codes:**

I = Iced  
X = Na hydroxide  
H = HCL  
T = Na thiosulfate

M = Methanol  
N = Nitric Acid

GW = groundwater  
WW = wastewater  
DW = drinking water  
A = air

S = soil/solid  
SL = sludge  
O = other

**\*\*Preservation Codes:**

I = Iced  
X = Na hydroxide  
H = HCL  
T = Na thiosulfate

M = Methanol  
N = Nitric Acid

S = Sulfuric Acid  
B = Sodium bisulfate  
O = Other



39 Spruce Street  
 East Longmeadow, MA  
 Phone: 1-413-525-2332  
 Fax: 1-413-525-6405

**SAMPLE RECEIPT CHECKLIST**

CLIENT NAME: Summit In Vivo Solution  
 RECEIVED BY: TPH DATE: 8-10-06

1. Was chain of custody relinquished and signed?  YES  NO
2. Does Chain agree with samples?  YES  NO  
 If not, explain: \_\_\_\_\_
3. All Samples in good condition?  YES  NO  
 If not, explain: \_\_\_\_\_
4. Were samples received in compliance with Temperature 0-6 degrees C?  YES  NO  
 Degrees: N/A
5. Are all soil vph & voc samples covered with preservation?  YES  N/A  NO
6. Are there any on hold samples?  YES  NO
7. Laboratory analysts notified?  YES  NO  
 Who \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_

8. Location where samples are stored: AIR LAB

CONTAINERS SENT IN TO CON-TEST	# of containers	CONTAINERS SENT TO CON-TEST	# of containers
1 liter amber		Air Cassettes	
500 ml amber		8 oz clear jar	
250 ml amber (8oz. Amber)		4 oz clear jar	
1 liter plastic		2 oz clear jar	
500 ml plastic		Plastic bag	
250 ml plastic		Encore	
40 ml vial		Brass Sleeves	
Collisure bottle		Tubes	
Dissolved oxygen bottle		Summa cans	<u>6</u>
Flashpoint bottle		Other	<u>Containers</u>

Laboratory comments:

Do all the samples have the correct pH levels?  YES  NO If no, please explain below:

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 • 800-833-7036 • Fax 920-261-8120

November 13, 2006

Client: SUMMIT ENVIRONMENTALS  
1217 Bandana Blvd. North  
St. Paul, MN 55108

Work Order: WPH0261  
Project Name: KMJ Convenience - Granite Falls, MN  
Project Number: 0353-006

Attn: Mr. Bruce Johnson

Date Received: 08/07/06

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
TP001 10-12'	WPH0261-01	08/02/06 13:32
TP002 18-19'	WPH0261-02	08/02/06 15:38
TP002 30-31.5'	WPH0261-03	08/02/06 17:42
TP004 15-17'	WPH0261-04	08/03/06 10:25
TP005 8-9'	WPH0261-05	08/03/06 10:25
TP006 26	WPH0261-06	08/03/06 12:42
TP006 31-32.5'	WPH0261-07	08/03/06 12:50

Case Narrative: Amended Report

Project description amended.

Samples were received into laboratory at a temperature of 2 °C.

The reported results were obtained in compliance with the 2003 NELAP standards unless otherwise noted.

The Chain of Custody, 1 page, is included and is an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PVO, GRO, BTEX and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica - Watertown, WI  
Brian DeJong For Dan F. Milewsky  
Project Manager

SUMMIT ENVIROSOLUTIONS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-01 (TP001 10-12' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	95		%	NA	1	08/07/06 23:59	kls	6080222	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics									
VOCs by SW8260B	540		mg/kg dry	5.0	10	08/09/06 17:30	EML	6080295	WDNR GRO
Acetone	<11000		ug/kg dry	500	20	08/10/06 21:02	aba	6080330	SW 8260B
Allyl chloride	<2100		ug/kg dry	100	20	08/10/06 21:02	aba	6080330	SW 8260B
Benzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Bromobenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Bromochloromethane	<740		ug/kg dry	35	20	08/10/06 21:02	aba	6080330	SW 8260B
Bromodichloromethane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Bromoform	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Bromomethane	<2100		ug/kg dry	100	20	08/10/06 21:02	aba	6080330	SW 8260B
n-Butylbenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
sec-Butylbenzene	870		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
tert-Butylbenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
2-Butanone (MEK)	<5300		ug/kg dry	250	20	08/10/06 21:02	aba	6080330	SW 8260B
Carbon Tetrachloride	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Chlorobenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Chlorodibromomethane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Chloroethane	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
Chloroform	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Chloromethane	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
2-Chlorotoluene	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
4-Chlorotoluene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2-Dibromo-3-chloropropane	<1100	R2	ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2-Dibromomethane (EDB)	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Dibromomethane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2-Dichlorobenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,3-Dichlorobenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,4-Dichlorobenzene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Dichlorodifluoromethane	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1-Dichloroethane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2-Dichloroethane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1-Dichloroethene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
cis-1,2-Dichloroethene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
trans-1,2-Dichloroethene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Dichlorofluoromethane	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2-Dichloroethane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1-Dichloroethene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
cis-1,2-Dichloroethene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
trans-1,2-Dichloroethene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Dichlorofluoromethane	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2-Dichloropropane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,3-Dichloropropane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
2,2-Dichloropropane	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1-Dichloropropene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
cis-1,3-Dichloropropene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
trans-1,3-Dichloropropene	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Diethyl ether	<2100		ug/kg dry	100	20	08/10/06 21:02	aba	6080330	SW 8260B
Ethylbenzene	4000		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Hexachlorobutadiene	<740		ug/kg dry	35	20	08/10/06 21:02	aba	6080330	SW 8260B
Isopropylbenzene	1600		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
p-Isopropyltoluene	580		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Methyl tert-Butyl Ether	<530		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 • 800-833-7036 • Fax 920-261-8120

## SUMMIT ENVROSOLUTIONS

1217 Bandana Blvd North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMI Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
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**Sample ID: WPH0261-01RF2 (TP001 10-12' - Solid/Soil) - cont.**

Sampled: 08/02/06 13:32

VOCs by SW8260B - cont

Methylene Chloride	1800	B, S2	ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
4-Methyl-2-pentanone (MIBK)	<2100		ug/kg dry	100	20	08/10/06 21:02	aba	6080330	SW 8260B
Naphthalene	10000		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
n-Propylbenzene	4500		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Styrene	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1,1,2-Tetrachloroethane	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1,2,2-Tetrachloroethane	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Tetrachloroethene	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Tetrahydrofuran	<3300		ug/kg dry	250	20	08/10/06 21:02	aba	6080330	SW 8260B
Toluene	3300		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2,3-Trichlorobenzene	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2,4-Trichlorobenzene	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1,1-Trichloroethane	<330		ug/kg dry	35	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1,2-Trichloroethane	<40		ug/kg dry	35	20	08/10/06 21:02	aba	6080330	SW 8260B
Trichloroethene	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Trichlorofluoromethane	<330		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2,3-Trichloropropane	<1100		ug/kg dry	50	20	08/10/06 21:02	aba	6080330	SW 8260B
1,1,2-Trichlorotrifluoroethane	<2100		ug/kg dry	100	20	08/10/06 21:02	aba	6080330	SW 8260B
1,2,4-Trimethylbenzene	44000		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
1,3,5-Trimethylbenzene	13000		ug/kg dry	25	20	08/10/06 21:02	aba	6080330	SW 8260B
Vinyl chloride	<740		ug/kg dry	35	20	08/10/06 21:02	aba	6080330	SW 8260B
Xylenes, total	38000		ug/kg dry	85	20	08/10/06 21:02	aba	6080330	SW 8260B
Surr: Dibromofluoromethane (86-113%)									
Surr: Toluene-d8 (90-110%)									
Surr: 4-Bromofluorobenzene (89-110%)									
100 %									
97 %									
99 %									

**Sample ID: WPH0261-02 (TP002 18-19' - Solid/Soil)**

Sampled: 08/02/06 15:38

General Chemistry Parameters									
UST ANALYSIS PARAMETERS									
Gasoline Range Organics									
VOCs by SW8260B									
	150		mg/kg dry	5.0	1	08/09/06 04:17	EML	6080210	WDNR GRC
% Solids	77		%	NA	1	08/07/06 23:59	kls	6080222	SW 5035
Acetone	<1300	C,RL1	ug/kg dry	500	2	08/10/06 05:45	aba	6080317	SW 8260B
Allyl chloride	<260	C,RL1	ug/kg dry	100	2	08/10/06 05:45	aba	6080317	SW 8260B
Benzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Bromobenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Bromochloromethane	<91	RL1	ug/kg dry	35	2	08/10/06 05:45	aba	6080317	SW 8260B
Bromodichloromethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Bromofrom	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Bromomethane	<260	RL1	ug/kg dry	100	2	08/10/06 05:45	aba	6080317	SW 8260B
n-Butylbenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
sec-Butylbenzene	140	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
tert-Butylbenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
2-Butanone (MEK)	<650	C,RL1	ug/kg dry	250	2	08/10/06 05:45	aba	6080317	SW 8260B
Carbon Tetrachloride	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Chlorobenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Chloroethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Chlorofluoromethane	<130	RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
Chloroform	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Chloromethane	<130	C, L1,RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
2-Chlorotoluene	<130	RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B

TestAmerica - Watertown, WI

Brian DeJong For Dan F. Milewski

Project Manager

SUMMIT ENVIROSOLUTIONS  
1217 Bandana Blvd. North  
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Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-02RE1 (TP002 18-19' - Solid/Soil) - cont.</b>									
VOCs by SW8260B - cont.									
4-Chlorotoluene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2-Dibromo-3-chloropropane	<130	RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2-Dibromoethane (EDB)	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Dibromomethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2-Dichlorobenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,3-Dichlorobenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,4-Dichlorobenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Dichlorodifluoromethane	<130	L1, C,RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1-Dichloroethane	<65	C9,RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2-Dichloroethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1-Dichloroethene	<65	C9,RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
cis-1,2-Dichloroethene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
trans-1,2-Dichloroethene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Dichlorofluoromethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2-Dichloropropane	<260	RL1	ug/kg dry	100	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2-Dichloropropane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
2,2-Dichloropropane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1-Dichloropropene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
cis-1,3-Dichloropropene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
trans-1,3-Dichloropropene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Diethyl ether	<260	C,RL1	ug/kg dry	100	2	08/10/06 05:45	aba	6080317	SW 8260B
Ethylbenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Hexachlorobutadiene	<91	RL1	ug/kg dry	35	2	08/10/06 05:45	aba	6080317	SW 8260B
Isopropylbenzene	120	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
p-Isopropyltoluene	95	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Methyl tert-Butyl Ether	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Methylene Chloride	200	B, S2, C9,RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
4-Methyl-2-pentanone (MIBK)	<260	RL1	ug/kg dry	100	2	08/10/06 05:45	aba	6080317	SW 8260B
Naphthalene	170	RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
n-Propylbenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Styrene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1,1,2-Tetrachloroethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1,2,2-Tetrachloroethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Tetrachloroethene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Tetrahydrofuran	<650	RL1	ug/kg dry	250	2	08/10/06 05:45	aba	6080317	SW 8260B
Toluene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2,3-Trichlorobenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2,4-Trichlorobenzene	<65	R2,RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1,1-Trichloroethane	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1,2-Trichloroethane	<91	RL1	ug/kg dry	35	2	08/10/06 05:45	aba	6080317	SW 8260B
Trichloroethene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Trichlorofluoromethane	<65	L1, R2,RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2,3-Trichloropropane	<130	RL1	ug/kg dry	50	2	08/10/06 05:45	aba	6080317	SW 8260B
1,1,2-Trichlorotrifluoroethane	<260	C,RL1	ug/kg dry	100	2	08/10/06 05:45	aba	6080317	SW 8260B
1,2,4-Trimethylbenzene	77	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
1,3,5-Trimethylbenzene	<65	RL1	ug/kg dry	25	2	08/10/06 05:45	aba	6080317	SW 8260B
Vinyl chloride	<91	RL1	ug/kg dry	35	2	08/10/06 05:45	aba	6080317	SW 8260B
Xylenes, total	<220	RL1	ug/kg dry	85	2	08/10/06 05:45	aba	6080317	SW 8260B
Surr: Dibromofluoromethane (86-113%)	99 %	RL1							
Surr: Toluene-d8 (90-110%)	98 %	RL1							

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUNMIT ENVIRONMENTALS

1217 Bandana Blvd, North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMI Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-02RE1 (TP002 18-19' - Solid/Soil) - cont.</b>									
VOCs by SW8260B - cont.									
Surr: 4-Bromofluorobenzene (89-110%)									
	97%	RLI							
<b>Sample ID: WPH0261-03 (TP002 30-31.5' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	81		%	NA	1	08/07/06 23:59	Kls	6080222	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics									
VOCs by SW8260B	<6.2		mg/kg dry	5.0	1	08/08/06 13:04	EML	6080253	WDNR GRO
Acetone									
Allyl chloride	<620		ug/kg dry	500	1	08/09/06 18:00	aba	6080293	SW 8260B
Benzene	<120	C	ug/kg dry	100	1	08/09/06 18:00	aba	6080293	SW 8260B
Bromobenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Bromochloromethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Bromodichloromethane	<43		ug/kg dry	35	1	08/09/06 18:00	aba	6080293	SW 8260B
Bromoform	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Bromomethane	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
n-Butylbenzene	<120		ug/kg dry	100	1	08/09/06 18:00	aba	6080293	SW 8260B
sec-Butylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
tert-Butylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
2-Butanone (MEK)	<310		ug/kg dry	250	1	08/09/06 18:00	aba	6080293	SW 8260B
Carbon Tetrachloride	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Chlorobenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Chlorodibromomethane	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
Chloroethane	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
Chloroform	<31	R2	ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Chloromethane	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
2-Chlorotoluene	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
4-Chlorotoluene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2-Dibromo-3-chloropropane	<62	C9	ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2-Dibromoethane (EDB)	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Dibromomethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2-Dichlorobenzene	<37		ug/kg dry	30	1	08/09/06 18:00	aba	6080293	SW 8260B
1,3-Dichlorobenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,4-Dichlorobenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Dichlorodifluoromethane	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1-Dichloroethane	<31	R2, L1	ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2-Dichloroethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
cis-1,2-Dichloroethane	<31	C	ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
trans-1,2-Dichloroethane	<31	R2, L1	ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Dichlorofluoromethane	<120		ug/kg dry	100	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2-Dichloropropane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,3-Dichloropropane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
2,2-Dichloropropane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1-Dichloroethene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
cis-1,3-Dichloropropene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
trans-1,3-Dichloropropene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Diethyl ether	<120		ug/kg dry	100	1	08/09/06 18:00	aba	6080293	SW 8260B
Ethylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Hexachlorobutadiene	<43		ug/kg dry	35	1	08/09/06 18:00	aba	6080293	SW 8260B
Isopropylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B

TestAmerica - Watertown, WI  
 Brian DeLong For Dan F. Milewsky  
 Project Manager



SUMMIT ENVIROSOLUTIONS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-03RE1 (TP002 30-31.5' - Solid/Soil) - cont.</b>									
VOCs by SW8260B - cont.									
p-Isopropyltoluene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Methyl tert-Butyl Ether	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Methylene Chloride	<62		ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
4-Methyl-2-pentanone (MIBK)	<120		ug/kg dry	100	1	08/09/06 18:00	aba	6080293	SW 8260B
Naphthalene	<62	R2	ug/kg dry	50	1	08/09/06 18:00	aba	6080293	SW 8260B
n-Propylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Styrene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1,1,2-Tetrachloroethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1,2,2-Tetrachloroethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Tetrachloroethene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Tetrahydrofuran	<310		ug/kg dry	250	1	08/09/06 18:00	aba	6080293	SW 8260B
Toluene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2,3-Trichlorobenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2,4-Trichlorobenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1,1-Trichloroethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1,2-Trichloroethane	<43		ug/kg dry	35	1	08/09/06 18:00	aba	6080293	SW 8260B
Trichloroethene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Trichlorofluoromethane	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2,3-Trichloropropane	<93		ug/kg dry	75	1	08/09/06 18:00	aba	6080293	SW 8260B
1,1,2-Trichlorotrifluoroethane	<120		ug/kg dry	100	1	08/09/06 18:00	aba	6080293	SW 8260B
1,2,4-Trimethylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
1,3,5-Trimethylbenzene	<31		ug/kg dry	25	1	08/09/06 18:00	aba	6080293	SW 8260B
Vinyl chloride	<43		ug/kg dry	35	1	08/09/06 18:00	aba	6080293	SW 8260B
Xylenes, total	<110		ug/kg dry	85	1	08/09/06 18:00	aba	6080293	SW 8260B
Surr: Dibromofluoromethane (86-113%)	109 %								
Surr: Toluene-d8 (90-110%)	102 %								
Surr: 4-Bromofluorobenzene (89-110%)	98 %								
<b>Sample ID: WPH0261-04 (TP004 15-17' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	95		%	NA	1	08/07/06 23:59	kls	6080222	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<3.3		mg/kg dry	5.0	1	08/08/06 14:24	EML	6080253	WDNR GRO
VOCs by SW8260B									
Acetone	<530		ug/kg dry	500	1	08/09/06 18:31	aba	6080293	SW 8260B
Allyl chloride	<110	C	ug/kg dry	100	1	08/09/06 18:31	aba	6080293	SW 8260B
Benzene	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
Bromobenzene	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
Bromochloromethane	<37		ug/kg dry	35	1	08/09/06 18:31	aba	6080293	SW 8260B
Bromodichloromethane	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
Bromoforn	<53		ug/kg dry	50	1	08/09/06 18:31	aba	6080293	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	08/09/06 18:31	aba	6080293	SW 8260B
n-Butylbenzene	<26		ug/kg dry	75	1	08/09/06 18:31	aba	6080293	SW 8260B
sec-Butylbenzene	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
tert-Butylbenzene	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
2-Butanone (MEK)	<260		ug/kg dry	250	1	08/09/06 18:31	aba	6080293	SW 8260B
Carbon Tetrachloride	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
Chlorobenzene	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
Chlorodibromomethane	<26		ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B
Chloroethane	<53		ug/kg dry	50	1	08/09/06 18:31	aba	6080293	SW 8260B
Chloroform	<26	R2	ug/kg dry	25	1	08/09/06 18:31	aba	6080293	SW 8260B

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUNMIT ENVIRO SOLUTIONS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMI Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

Analyte Sample Result Data Qualifiers Units MRL Dilution Factor Date Analyzed Analyst Seq/ Batch Method  
**Sample ID: WPH0261-04RE1 (TP004 15-17' - Solid/Soil) - cont.** **Sampled: 08/03/06 10:25**

VOCs by SW8260B - cont.

Chloromethane	<33		ug/kg dry	50		1	08/09/06 18:31	aba	6080293	SW 8260B
2-Chlorotoluene	<33		ug/kg dry	50		1	08/09/06 18:31	aba	6080293	SW 8260B
4-Chlorotoluene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2-Dibromo-3-chloropropane	<33	C9	ug/kg dry	50		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2-Dibromoethane (EDB)	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Dibromomethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2-Dichlorobenzene	<32		ug/kg dry	30		1	08/09/06 18:31	aba	6080293	SW 8260B
1,3-Dichlorobenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,4-Dichlorobenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Dichlorodifluoromethane	<33		ug/kg dry	50		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1-Dichloroethane	<26	R2, L1	ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2-Dichloroethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
cis-1,2-Dichloroethene	<26	C	ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
trans-1,2-Dichloroethene	<26	R2, L1	ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Dichlorofluoromethane	<110		ug/kg dry	100		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2-Dichloropropane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,3-Dichloropropane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
2,2-Dichloropropane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1-Dichloropropene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
cis-1,3-Dichloropropene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
trans-1,3-Dichloropropene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Diethyl ether	<110		ug/kg dry	100		1	08/09/06 18:31	aba	6080293	SW 8260B
Ethylbenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	35		1	08/09/06 18:31	aba	6080293	SW 8260B
Isopropylbenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
p-Isopropyltoluene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Methyl tert-Butyl Ether	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Methylene Chloride	<33		ug/kg dry	50		1	08/09/06 18:31	aba	6080293	SW 8260B
4-Methyl-2-pentanone (MIBK)	<110		ug/kg dry	100		1	08/09/06 18:31	aba	6080293	SW 8260B
Naphthalene	<33		ug/kg dry	50		1	08/09/06 18:31	aba	6080293	SW 8260B
n-Propylbenzene	<26	R2	ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Styrene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1,1,2-Tetrachloroethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1,2,2-Tetrachloroethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Tetrachloroethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Tetrahydrofuran	<260		ug/kg dry	250		1	08/09/06 18:31	aba	6080293	SW 8260B
Toluene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2,3-Trichlorobenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2,4-Trichlorobenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1,1-Trichloroethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	35		1	08/09/06 18:31	aba	6080293	SW 8260B
Trichloroethene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Trichlorofluoromethane	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2,3-Trichloropropane	<79		ug/kg dry	75		1	08/09/06 18:31	aba	6080293	SW 8260B
1,1,2-Trichlorotrifluoroethane	<110		ug/kg dry	100		1	08/09/06 18:31	aba	6080293	SW 8260B
1,2,4-Trimethylbenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
1,3,5-Trimethylbenzene	<26		ug/kg dry	25		1	08/09/06 18:31	aba	6080293	SW 8260B
Vinyl chloride	<37		ug/kg dry	35		1	08/09/06 18:31	aba	6080293	SW 8260B
Xylenes, total	<90		ug/kg dry	85		1	08/09/06 18:31	aba	6080293	SW 8260B
<i>Surv. Dibromofluoromethane (86-113%)</i>	112%									

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-04RE1 (TP004 15-17' - Solid/Soil) - cont.</b>									
VOCs by SW8260B - cont.									
Surr: Toluene-d8 (90-110%) 102 %									
Surr: 4-Bromofluorobenzene (89-110%) 94 %									
<b>Sample ID: WPH0261-05 (TP005 8-9' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	96		%	NA	1	08/07/06 23:59	kls	6080222	SW 5035
<b>UST ANALYSIS PARAMETERS</b>									
<b>Gasoline Range Organics</b>									
VOCs by SW8260B	240		mg/kg dry	5.0	10	08/09/06 18:11	EML	6080295	WDNR GRO
Acetone	<5200		ug/kg dry	500	10	08/10/06 21:32	aba	6080330	SW 8260B
Allyl chloride	<1000		ug/kg dry	100	10	08/10/06 21:32	aba	6080330	SW 8260B
Benzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Bromobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Bromochloromethane	<360		ug/kg dry	35	10	08/10/06 21:32	aba	6080330	SW 8260B
Bromodichloromethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Bromoforn	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Bromomethane	<1000		ug/kg dry	100	10	08/10/06 21:32	aba	6080330	SW 8260B
n-Butylbenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
sec-Butylbenzene	630		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
tert-Butylbenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
2-Butanone (MEK)	<2600		ug/kg dry	250	10	08/10/06 21:32	aba	6080330	SW 8260B
Carbon Tetrachloride	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Chlorobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Chlorodibromomethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Chloroethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Chloroform	<520		ug/kg dry	50	10	08/10/06 21:32	aba	6080330	SW 8260B
Chloromethane	<520		ug/kg dry	50	10	08/10/06 21:32	aba	6080330	SW 8260B
2-Chlorotoluene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
4-Chlorotoluene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2-Dibromo-3-chloropropane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2-Dibromomethane (EDB)	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Dibromomethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2-Dichlorobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,3-Dichlorobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,4-Dichlorobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Dichlorodifluoromethane	<520		ug/kg dry	50	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1-Dichloroethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2-Dichloroethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1-Dichloroethene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
cis-1,2-Dichloroethene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
trans-1,2-Dichloroethene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Dichlorofluoromethane	<1000		ug/kg dry	100	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2-Dichloropropane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,3-Dichloropropane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
2,2-Dichloropropane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1-Dichloropropene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
cis-1,3-Dichloropropene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
trans-1,3-Dichloropropene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Dichethyl ether	<1000		ug/kg dry	100	10	08/10/06 21:32	aba	6080330	SW 8260B
Ethylbenzene	2800		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Hexachlorobutadiene	<360		ug/kg dry	35	10	08/10/06 21:32	aba	6080330	SW 8260B

# TestAmerica

ANALYTICAL TESTING CORPORATION

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SUMMIT ENVIRONMENTALSOLUTIONS

1217 Bandana Blvd North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
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Sample ID: WPH0261-05RRE2 (TP005 8-9' - Solid/Soil) - cont.

Sampled: 08/03/06 10:25

VOCs by SW8260B - cont.

Isopropylbenzene	920		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
p-Isopropyltoluene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Methyl tert-Butyl Ether	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Methylene Chloride	730	B, S2	ug/kg dry	50	10	08/10/06 21:32	aba	6080330	SW 8260B
4-Methyl-2-pentanone (MIBK)	<1000		ug/kg dry	100	10	08/10/06 21:32	aba	6080330	SW 8260B
Naphthalene	4700		ug/kg dry	50	10	08/10/06 21:32	aba	6080330	SW 8260B
n-Propylbenzene	2500		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Styrene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1,1,2-Tetrachloroethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1,2,2-Tetrachloroethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Tetrachloroethene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Tetrahydrofuran	<2600		ug/kg dry	250	10	08/10/06 21:32	aba	6080330	SW 8260B
Toluene	3100		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2,3-Trichlorobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2,4-Trichlorobenzene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1,1-Trichloroethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1,2-Trichloroethane	<360		ug/kg dry	35	10	08/10/06 21:32	aba	6080330	SW 8260B
Trichloroethene	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Trichlorofluoromethane	<260		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2,3-Trichloropropane	<320		ug/kg dry	50	10	08/10/06 21:32	aba	6080330	SW 8260B
1,1,2-Trichlorotrifluoroethane	<1000		ug/kg dry	100	10	08/10/06 21:32	aba	6080330	SW 8260B
1,2,4-Trimethylbenzene	22000		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
1,3,5-Trimethylbenzene	6800		ug/kg dry	25	10	08/10/06 21:32	aba	6080330	SW 8260B
Vinyl chloride	<360		ug/kg dry	35	10	08/10/06 21:32	aba	6080330	SW 8260B
Xylenes, total	25000		ug/kg dry	85	10	08/10/06 21:32	aba	6080330	SW 8260B
Surr: Dibromofluoromethane (86-113%)	97 %								
Surr: Toluene-d8 (90-110%)	97 %								
Surr: 4-Bromofluorobenzene (89-110%)	99 %								

# TestAmerica

ANALYTICAL TESTING CORPORATION

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**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-06 (TP006 26 - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	84		%	NA	1	08/07/06 23:59	kls	6080222	SW 5035
<b>UST ANALYSIS PARAMETERS</b>									
<b>Gasoline Range Organics</b>									
VOCs by SW8260B	57		mg/kg dry	5.0	1	08/08/06 17:06	EML	6080253	WDNR GRO
Acetone	<600		ug/kg dry	500	1	08/09/06 19:01	aba	6080293	SW 8260B
Allyl chloride	<120	C	ug/kg dry	100	1	08/09/06 19:01	aba	6080293	SW 8260B
Benzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Bromobenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Bromochloromethane	<42		ug/kg dry	35	1	08/09/06 19:01	aba	6080293	SW 8260B
Bromodichloromethane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Bromoforn	<60		ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	08/09/06 19:01	aba	6080293	SW 8260B
n-Butylbenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
sec-Butylbenzene	97		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
tert-Butylbenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
2-Butanone (MEK)	<300		ug/kg dry	250	1	08/09/06 19:01	aba	6080293	SW 8260B
Carbon Tetrachloride	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Chlorobenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Chlorodibromomethane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Chloroethane	<60		ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
Chloroform	<30	R2	ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Chloromethane	<60		ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
2-Chlorotoluene	<60		ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
4-Chlorotoluene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2-Dibromo-3-chloropropane	<60	C9	ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2-Dibromoethane (EDB)	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Dibromomethane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2-Dichlorobenzene	<36		ug/kg dry	30	1	08/09/06 19:01	aba	6080293	SW 8260B
1,3-Dichlorobenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,4-Dichlorobenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Dichlorodifluoromethane	<60		ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1-Dichloroethane	<30	L1, R2	ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2-Dichloroethane	<30	C	ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
cis-1,2-Dichloroethene	<30	L1, R2	ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
trans-1,2-Dichloroethene	<30	L1, R2	ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Dichlorofluoromethane	<120		ug/kg dry	100	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2-Dichloropropane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,3-Dichloropropane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
2,2-Dichloropropane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1-Dichloropropene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
cis-1,3-Dichloropropene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
trans-1,3-Dichloropropene	<120		ug/kg dry	100	1	08/09/06 19:01	aba	6080293	SW 8260B
Diethyl ether	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Ethylbenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Hexachlorobutadiene	<42		ug/kg dry	35	1	08/09/06 19:01	aba	6080293	SW 8260B
<b>Isopropylbenzene</b>	85		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
<b>p-Isopropyltoluene</b>	49		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Methyl tert-Butyl Ether	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Methylene Chloride	<60		ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
4-Methyl-2-pentanone (MIBK)	<120		ug/kg dry	100	1	08/09/06 19:01	aba	6080293	SW 8260B

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## SUMMIT ENVIRONMENTAL SOLUTIONS

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMI Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
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Sample ID: WPH0261-06REL1 (TP006 26 - Solid/Soil) - cont.  
VOCs by SW8260B - cont.

Sampled: 08/03/06 12:42

Naphthalene	<60	R2	ug/kg dry	50	1	08/09/06 19:01	aba	6080293	SW 8260B
n-Propylbenzene	36		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Styrene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1,1,2-Tetrachloroethane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1,2,2-Tetrachloroethane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Tetrachloroethene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Tetrahydrofuran	<300		ug/kg dry	250	1	08/09/06 19:01	aba	6080293	SW 8260B
Toluene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2,3-Trichlorobenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2,4-Trichlorobenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1,1-Trichloroethane	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1,2-Trichloroethane	<42		ug/kg dry	35	1	08/09/06 19:01	aba	6080293	SW 8260B
Trichloroethene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Trichlorofluoromethane	<30		ug/kg dry	75	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2,3-Trichloropropane	<89		ug/kg dry	100	1	08/09/06 19:01	aba	6080293	SW 8260B
1,1,2-Trichlorotrifluoroethane	<120		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,2,4-Trimethylbenzene	<30		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
1,3,5-Trimethylbenzene	62		ug/kg dry	25	1	08/09/06 19:01	aba	6080293	SW 8260B
Vinyl chloride	<42		ug/kg dry	35	1	08/09/06 19:01	aba	6080293	SW 8260B
Xylenes, total	<100		ug/kg dry	85	1	08/09/06 19:01	aba	6080293	SW 8260B
Surr: Dibromofluoromethane (86-113%)									
Surr: Toluene-d8 (90-110%)									
Surr: 4-Bromofluorobenzene (89-110%)									
101 %									
101 %									

Sample ID: WPH0261-07 (TP006 31-32.5' - Solid/Soil)

Sampled: 08/03/06 12:50

General Chemistry Parameters	% Solids		%	NA	1	08/07/06 23:59	kls	6080222	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics									
VOCs by SW8260B	<5.8		mg/kg dry	5.0	1	08/09/06 16:08	EWML	6080295	WDNR GRCO
Acetone									
Allyl chloride	<580		ug/kg dry	500	1	08/09/06 19:32	aba	6080293	SW 8260B
Benzene	<29	C	ug/kg dry	100	1	08/09/06 19:32	aba	6080293	SW 8260B
Bromobenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Bromochloromethane	<41		ug/kg dry	35	1	08/09/06 19:32	aba	6080293	SW 8260B
Bromodichloromethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Bromoforn	<58		ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	08/09/06 19:32	aba	6080293	SW 8260B
n-Butylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
sec-Butylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
tert-Butylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
2-Butanone (MEK)	<290		ug/kg dry	250	1	08/09/06 19:32	aba	6080293	SW 8260B
Carbon Tetrachloride	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Chlorobenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Chlorodibromomethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Chloroethane	<58		ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
Chloroform	<29	R2	ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Chloromethane	<58		ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
2-Chlorotoluene	<58		ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
4-Chlorotoluene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2-Dibromo-3-chloropropane	<58	C9	ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B

TestAmerica - Watertown, WI  
Brian DeJong For Dan F. Milewski  
Project Manager

SUMMIT ENVIROSOLUTIONS  
 1217 Bandana Blvd. North  
 St. Paul, MN 55108  
 Mr. Bruce Johnson

Work Order: WPH0261  
 Project: KMJ Convenience - Granite Falls,  
 Project Number: 0353-006

Received: 08/07/06  
 Reported: 11/13/06 14:53

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPH0261-07 (TP006 31-32.5' - Solid/Soil) - cont.</b>									
VOCs by SW8260B - cont.									
1,2-Dibromoethane (EDB)	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Dibromomethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2-Dichlorobenzene	<35		ug/kg dry	30	1	08/09/06 19:32	aba	6080293	SW 8260B
1,3-Dichlorobenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,4-Dichlorobenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Dichlorodifluoromethane	<8		ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1-Dichloroethane	<29	L1, R2	ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2-Dichloroethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1-Dichloroethene	<29	C	ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
cis-1,2-Dichloroethene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
trans-1,2-Dichloroethene	<29	L1, R2	ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Dichlorofluoromethane	<120		ug/kg dry	100	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2-Dichloropropane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,3-Dichloropropane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
2,2-Dichloropropane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1-Dichloropropene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
cis-1,3-Dichloropropene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
trans-1,3-Dichloropropene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Diethyl ether	<120		ug/kg dry	100	1	08/09/06 19:32	aba	6080293	SW 8260B
Ethylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Hexachlorobutadiene	<41		ug/kg dry	35	1	08/09/06 19:32	aba	6080293	SW 8260B
Isopropylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
p-Isopropyltoluene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Methyl tert-Butyl Ether	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Methylene Chloride	<58		ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
4-Methyl-2-pentanone (MIBK)	<120		ug/kg dry	100	1	08/09/06 19:32	aba	6080293	SW 8260B
Naphthalene	<58	R2	ug/kg dry	50	1	08/09/06 19:32	aba	6080293	SW 8260B
n-Propylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Styrene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1,1,2-Tetrachloroethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1,2,2-Tetrachloroethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Tetrachloroethene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Tetrahydrofuran	<290		ug/kg dry	250	1	08/09/06 19:32	aba	6080293	SW 8260B
Toluene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2,3-Trichlorobenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2,4-Trichlorobenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1,1-Trichloroethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1,2-Trichloroethane	<41		ug/kg dry	35	1	08/09/06 19:32	aba	6080293	SW 8260B
Trichloroethene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Trichlorofluoromethane	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2,3-Trichloropropane	<87		ug/kg dry	75	1	08/09/06 19:32	aba	6080293	SW 8260B
1,1,2-Trichlorotrifluoroethane	<120		ug/kg dry	100	1	08/09/06 19:32	aba	6080293	SW 8260B
1,2,4-Trimethylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
1,3,5-Trimethylbenzene	<29		ug/kg dry	25	1	08/09/06 19:32	aba	6080293	SW 8260B
Vinyl chloride	<41		ug/kg dry	35	1	08/09/06 19:32	aba	6080293	SW 8260B
Xylenes, total	<98		ug/kg dry	85	1	08/09/06 19:32	aba	6080293	SW 8260B
Surr: Dibromofluoromethane (86-113%)									
Surr: Toluene-d8 (90-110%)									
Surr: 4-Bromofluorobenzene (89-110%)									

# TestAmerica

ANALYTICAL TESTING CORPORATION

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SUMMITT ENVIRO SOLUTIONS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMI Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Result	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD Limit	RPD Limit	Q
<b>UFT ANALYSIS PARAMETERS</b>															
Gasoline Range Organics	6080210			mg/kg wet	N/A	5.0	<5.0								
Gasoline Range Organics	6080253			mg/kg wet	N/A	5.0	<5.0								
Gasoline Range Organics	6080295			mg/kg wet	N/A	5.0	<5.0								
<b>VOOCs by SW8260B</b>															
Acetone	6080293			ug/kg wet	N/A	500	<500								
Allyl chloride	6080293			ug/kg wet	N/A	100	<100								
Benzene	6080293			ug/kg wet	N/A	25	<25								
Bromobenzene	6080293			ug/kg wet	N/A	25	<25								
Bromochloromethane	6080293			ug/kg wet	N/A	35	<35								
Bromodichloromethane	6080293			ug/kg wet	N/A	25	<25								
Bromoforn	6080293			ug/kg wet	N/A	25	<50								
Bromomethane	6080293			ug/kg wet	N/A	100	<100								
n-Butylbenzene	6080293			ug/kg wet	N/A	25	<25								
sec-Butylbenzene	6080293			ug/kg wet	N/A	25	<25								
tert-Butylbenzene	6080293			ug/kg wet	N/A	25	<25								
2-Butanone (MEK)	6080293			ug/kg wet	N/A	250	<250								
Carbon Tetrachloride	6080293			ug/kg wet	N/A	25	<25								
Chlorobenzene	6080293			ug/kg wet	N/A	25	<25								
Chlorodifluoromethane	6080293			ug/kg wet	N/A	25	<25								
Chloroethane	6080293			ug/kg wet	N/A	50	<50								
Chloroform	6080293			ug/kg wet	N/A	25	<25								
Chloromethane	6080293			ug/kg wet	N/A	50	<50								
2-Chlorotoluene	6080293			ug/kg wet	N/A	50	<50								
4-Chlorotoluene	6080293			ug/kg wet	N/A	25	<25								
1,2-Dibromo-3-chloropropane	6080293			ug/kg wet	N/A	50	<50								
1,2-Dibromomethane (EDB)	6080293			ug/kg wet	N/A	25	<25								
Dibromomethane	6080293			ug/kg wet	N/A	25	<25								
1,2-Dichlorobenzene	6080293			ug/kg wet	N/A	25	<30								
1,3-Dichlorobenzene	6080293			ug/kg wet	N/A	25	<25								
1,4-Dichlorobenzene	6080293			ug/kg wet	N/A	25	<25								
Dichlorodifluoromethane	6080293			ug/kg wet	N/A	50	<50								
1,1-Dichloroethane	6080293			ug/kg wet	N/A	25	<25								
1,2-Dichloroethane	6080293			ug/kg wet	N/A	25	<25								
1,1-Dichloroethene	6080293			ug/kg wet	N/A	25	<25								
cis-1,2-Dichloroethene	6080293			ug/kg wet	N/A	25	<25								
trans-1,2-Dichloroethene	6080293			ug/kg wet	N/A	25	<25								
Dichlorofluoromethane	6080293			ug/kg wet	N/A	100	<100								
1,2-Dichloropropane	6080293			ug/kg wet	N/A	25	<25								
1,3-Dichloropropane	6080293			ug/kg wet	N/A	25	<25								
2,2-Dichloropropane	6080293			ug/kg wet	N/A	25	<25								
1,1-Dichloropropene	6080293			ug/kg wet	N/A	25	<25								
cis-1,3-Dichloropropene	6080293			ug/kg wet	N/A	25	<25								



SUMMIT ENVROSOLUTIONS  
 1217 Bandana Blvd. North  
 St. Paul, MN 55108  
 Mr. Bruce Johnson

Work Order: WPH0261  
 Project: KMJ Convenience - Granite Falls,  
 Project Number: 0353-006

Received: 08/07/06  
 Reported: 11/13/06 14:53

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC	RPD Limits	RPD Limit	Q
<b>VOCs by SW8260B</b>														
trans-1,3-Dichloropropene	6080293			ug/kg wet	N/A	25	<25							
Diethyl ether	6080293			ug/kg wet	N/A	100	<100							
Ethylbenzene	6080293			ug/kg wet	N/A	25	<25							
Hexachlorobutadiene	6080293			ug/kg wet	N/A	35	<35							
Isopropylbenzene	6080293			ug/kg wet	N/A	25	<25							
p-Isopropyltoluene	6080293			ug/kg wet	N/A	25	<25							
Methyl tert-Butyl Ether	6080293			ug/kg wet	N/A	25	<25							
Methylene Chloride	6080293			ug/kg wet	N/A	50	<50							
4-Methyl-2-pentanone (MIBK)	6080293			ug/kg wet	N/A	100	<100							
Naphthalene	6080293			ug/kg wet	N/A	50	<50							
n-Propylbenzene	6080293			ug/kg wet	N/A	25	<25							
Styrene	6080293			ug/kg wet	N/A	25	<25							
1,1,1,2-Tetrachloroethane	6080293			ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	6080293			ug/kg wet	N/A	25	<25							
Tetrachloroethene	6080293			ug/kg wet	N/A	25	<25							
Tetrahydrofuran	6080293			ug/kg wet	N/A	250	<250							R2
Toluene	6080293			ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	6080293			ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	6080293			ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	6080293			ug/kg wet	N/A	25	<25							
1,1,2-Trichloroethane	6080293			ug/kg wet	N/A	35	<35							
Trichloroethene	6080293			ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	6080293			ug/kg wet	N/A	25	<25							
1,2,3-Trichloropropane	6080293			ug/kg wet	N/A	25	<25							
1,1,2-Trichlorotrifluoroethane	6080293			ug/kg wet	N/A	50	<75							
1,2,4-Trimethylbenzene	6080293			ug/kg wet	N/A	100	<100							
1,3,5-Trimethylbenzene	6080293			ug/kg wet	N/A	25	<25							
Vinyl chloride	6080293			ug/kg wet	N/A	35	<35							
Xylenes, total	6080293			ug/kg wet	N/A	85	<85							
<i>Surrogate: Dibromofluoromethane</i>	6080293			ug/kg wet					93		86-113			
<i>Surrogate: Toluene-d8</i>	6080293			ug/kg wet					97		90-110			
<i>Surrogate: 4-Bromofluorobenzene</i>	6080293			ug/kg wet					100		89-110			
Acetone	6080317			ug/kg wet	N/A	500	<500							C
Allyl chloride	6080317			ug/kg wet	N/A	100	<100							C
Benzene	6080317			ug/kg wet	N/A	25	<25							
Bromobenzene	6080317			ug/kg wet	N/A	25	<25							
Bromochloromethane	6080317			ug/kg wet	N/A	35	<35							
Bromodichloromethane	6080317			ug/kg wet	N/A	25	<25							
Bromoform	6080317			ug/kg wet	N/A	25	<25							
Bromomethane	6080317			ug/kg wet	N/A	25	<25							
n-Butylbenzene	6080317			ug/kg wet	N/A	100	<100							
sec-Butylbenzene	6080317			ug/kg wet	N/A	25	<25							
tert-Butylbenzene	6080317			ug/kg wet	N/A	25	<25							
2-Butanone (MEK)	6080317			ug/kg wet	N/A	250	<250							C

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SUNMIT ENVIRONMENTALS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMI Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Result	Dup REC	% REC	Dup REC	% REC	RPD Limit	RPD Limit	Q
VOCs by SW/8260B															
Carbon Tetrachloride	6080317			ug/kg wet	N/A	25	<25								
Chlorobenzene	6080317			ug/kg wet	N/A	25	<25								
Chlorodibromomethane	6080317			ug/kg wet	N/A	25	<25								
Chloroethane	6080317			ug/kg wet	N/A	50	<50								
Chloroform	6080317			ug/kg wet	N/A	25	<25								
Chloromethane	6080317			ug/kg wet	N/A	50	<50								
2-Chlorotoluene	6080317			ug/kg wet	N/A	50	<50								
4-Chlorotoluene	6080317			ug/kg wet	N/A	25	<25								
1,2-Dibromo-3-chloropropane	6080317			ug/kg wet	N/A	50	<50								
1,2-Dibromoethane (EDB)	6080317			ug/kg wet	N/A	25	<25								
Dibromomethane	6080317			ug/kg wet	N/A	25	<25								
1,2-Dichlorobenzene	6080317			ug/kg wet	N/A	25	<25								
1,3-Dichlorobenzene	6080317			ug/kg wet	N/A	25	<25								
1,4-Dichlorobenzene	6080317			ug/kg wet	N/A	25	<25								
Dichlorodifluoromethane	6080317			ug/kg wet	N/A	50	<50								
1,1-Dichloroethane	6080317			ug/kg wet	N/A	25	<25								
1,2-Dichloroethane	6080317			ug/kg wet	N/A	25	<25								
1,1-Dichloroethene	6080317			ug/kg wet	N/A	25	<25								
cis-1,2-Dichloroethene	6080317			ug/kg wet	N/A	25	<25								
trans-1,2-Dichloroethene	6080317			ug/kg wet	N/A	100	<100								
Dichlorodifluoromethane	6080317			ug/kg wet	N/A	25	<25								
1,2-Dichloropropane	6080317			ug/kg wet	N/A	25	<25								
1,3-Dichloropropane	6080317			ug/kg wet	N/A	25	<25								
2,2-Dichloropropane	6080317			ug/kg wet	N/A	25	<25								
1,1-Dichloropropene	6080317			ug/kg wet	N/A	25	<25								
cis-1,3-Dichloropropene	6080317			ug/kg wet	N/A	25	<25								
trans-1,3-Dichloropropene	6080317			ug/kg wet	N/A	25	<25								
Diethyl ether	6080317			ug/kg wet	N/A	100	<100								
Ethylbenzene	6080317			ug/kg wet	N/A	25	<25								
Hexachlorobutadiene	6080317			ug/kg wet	N/A	35	<35								
Isopropylbenzene	6080317			ug/kg wet	N/A	25	<25								
p-Isopropyltoluene	6080317			ug/kg wet	N/A	25	<25								
Methyl tert-Butyl Ether	6080317			ug/kg wet	N/A	25	<25								
Methylene Chloride	6080317			ug/kg wet	N/A	50	232								
4-Methyl-2-pentanone (MIBK)	6080317			ug/kg wet	N/A	100	<100								
Naphthalene	6080317			ug/kg wet	N/A	50	<50								
n-Propylbenzene	6080317			ug/kg wet	N/A	25	<25								
Styrene	6080317			ug/kg wet	N/A	25	<25								
1,1,1,2-Tetrachloroethane	6080317			ug/kg wet	N/A	25	<25								
1,1,2,2-Tetrachloroethane	6080317			ug/kg wet	N/A	25	<25								
Tetrachloroethene	6080317			ug/kg wet	N/A	25	<25								
Tetrahydrofuran	6080317			ug/kg wet	N/A	250	<250								
Toluene	6080317			ug/kg wet	N/A	25	<25								
1,2,3-Trichlorobenzene	6080317			ug/kg wet	N/A	25	<25								
1,2,4-Trichlorobenzene	6080317			ug/kg wet	N/A	25	<25								

B,C9

C

C9

C,L1

C9

C,L1

SUMMIT ENVIROSOLUTIONS  
 1217 Bandana Blvd. North  
 St. Paul, MN 55108  
 Mr. Bruce Johnson

Work Order: WPH0261  
 Project: KMJ Convenience - Granite Falls,  
 Project Number: 0353-006

Received: 08/07/06  
 Reported: 11/13/06 14:53

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup Result	% REC	Dup %REC	% REC	RPD Limit
<b>VOCs by SW8260B</b>													
1,1,1-Trichloroethane	6080317			ug/kg wet	N/A	25	<25						
1,1,2-Trichloroethane	6080317			ug/kg wet	N/A	35	<35						
Trichloroethene	6080317			ug/kg wet	N/A	25	<25						
Trichlorofluoromethane	6080317			ug/kg wet	N/A	25	<25						L1,R2
1,2,3-Trichloropropane	6080317			ug/kg wet	N/A	50	<50						
1,1,2-Trichlorotrifluoroethane	6080317			ug/kg wet	N/A	100	<100						
1,2,4-Trimethylbenzene	6080317			ug/kg wet	N/A	25	<25						
1,3,5-Trimethylbenzene	6080317			ug/kg wet	N/A	25	<25						
Vinyl chloride	6080317			ug/kg wet	N/A	35	<35						
Xylenes, total	6080317			ug/kg wet	N/A	85	<85						
<i>Surrogate: Dibromofluoromethane</i>	6080317			ug/kg wet				104				86-113	
<i>Surrogate: Toluene-d8</i>	6080317			ug/kg wet				99				90-110	
<i>Surrogate: 4-Bromofluorobenzene</i>	6080317			ug/kg wet				101				89-110	
Acetone	6080330			ug/kg wet	N/A	500	<500						
Allyl chloride	6080330			ug/kg wet	N/A	100	<100						
Benzene	6080330			ug/kg wet	N/A	25	<25						
Bromobenzene	6080330			ug/kg wet	N/A	25	<25						
Bromochloromethane	6080330			ug/kg wet	N/A	35	<35						
Bromodichloromethane	6080330			ug/kg wet	N/A	25	<25						
Bromoforn	6080330			ug/kg wet	N/A	25	<25						
Bromomethane	6080330			ug/kg wet	N/A	100	<100						
n-Butylbenzene	6080330			ug/kg wet	N/A	25	<25						
sec-Butylbenzene	6080330			ug/kg wet	N/A	25	<25						
tert-Butylbenzene	6080330			ug/kg wet	N/A	25	<25						
2-Butanone (MEK)	6080330			ug/kg wet	N/A	250	<250						
Carbon Tetrachloride	6080330			ug/kg wet	N/A	25	<25						
Chlorobenzene	6080330			ug/kg wet	N/A	25	<25						
Chlorodibromomethane	6080330			ug/kg wet	N/A	25	<25						
Chloroethane	6080330			ug/kg wet	N/A	50	<50						
Chloroform	6080330			ug/kg wet	N/A	25	<25						
Chloromethane	6080330			ug/kg wet	N/A	50	<50						
2-Chlorotoluene	6080330			ug/kg wet	N/A	50	<50						
4-Chlorotoluene	6080330			ug/kg wet	N/A	25	<25						
1,2-Dibromo-3-chloropropane	6080330			ug/kg wet	N/A	50	<50						
1,2-Dihromomethane (EDR)	6080330			ug/kg wet	N/A	25	<25						
Dibromomethane	6080330			ug/kg wet	N/A	25	<25						
1,2-Dichlorobenzene	6080330			ug/kg wet	N/A	25	<25						
1,3-Dichlorobenzene	6080330			ug/kg wet	N/A	25	<25						
1,4-Dichlorobenzene	6080330			ug/kg wet	N/A	25	<25						
Dichlorodifluoromethane	6080330			ug/kg wet	N/A	50	<50						
1,1-Dichloroethane	6080330			ug/kg wet	N/A	25	<25						
1,2-Dichloroethane	6080330			ug/kg wet	N/A	25	<25						
1,1-Dichloroethene	6080330			ug/kg wet	N/A	25	<25						
cis-1,2-Dichloroethene	6080330			ug/kg wet	N/A	25	<25						R2

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ANALYTICAL TESTING CORPORATION

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SUNMIT ENVIRONMENTALS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMI Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
trans-1,2-Dichloroethene	6080330			ug/kg wet	N/A	25	<25							
Dichlorofluoromethane	6080330			ug/kg wet	N/A	100	<100							
1,2-Dichloropropane	6080330			ug/kg wet	N/A	25	<25							
1,3-Dichloropropane	6080330			ug/kg wet	N/A	25	<25							
2,2-Dichloropropane	6080330			ug/kg wet	N/A	25	<25							
1,1-Dichloropropane	6080330			ug/kg wet	N/A	25	<25							
cis-1,3-Dichloropropene	6080330			ug/kg wet	N/A	25	<25							
trans-1,3-Dichloropropene	6080330			ug/kg wet	N/A	25	<25							
Diethyl ether	6080330			ug/kg wet	N/A	100	<100							
Ethylbenzene	6080330			ug/kg wet	N/A	25	<25							
Hexachlorobutadiene	6080330			ug/kg wet	N/A	35	<35							
Isopropylbenzene	6080330			ug/kg wet	N/A	25	<25							
p-Isopropyltoluene	6080330			ug/kg wet	N/A	25	<25							
Methyl tert-Butyl Ether	6080330			ug/kg wet	N/A	25	<25							
Methylene Chloride	6080330			ug/kg wet	N/A	50	50.0							
4-Methyl-2-pentanone (MIBK)	6080330			ug/kg wet	N/A	100	<100							
Naphthalene	6080330			ug/kg wet	N/A	50	<50							
n-Propylbenzene	6080330			ug/kg wet	N/A	25	<25							
Styrene	6080330			ug/kg wet	N/A	25	<25							
1,1,1,2-Tetrachloroethane	6080330			ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	6080330			ug/kg wet	N/A	25	<25							
Tetrachloroethene	6080330			ug/kg wet	N/A	250	<250							
Tetrahydrofuran	6080330			ug/kg wet	N/A	25	<25							
Toluene	6080330			ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	6080330			ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	6080330			ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	6080330			ug/kg wet	N/A	35	<35							
1,1,2-Trichloroethane	6080330			ug/kg wet	N/A	25	<25							
Trichloroethene	6080330			ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	6080330			ug/kg wet	N/A	25	<25							
1,2,3-Trichloropropane	6080330			ug/kg wet	N/A	50	<50							
1,1,2-Trichlorotrifluoroethane	6080330			ug/kg wet	N/A	100	<100							
1,2,4-Trimethylbenzene	6080330			ug/kg wet	N/A	25	<25							
1,3,5-Trimethylbenzene	6080330			ug/kg wet	N/A	25	<25							
Vinyl chloride	6080330			ug/kg wet	N/A	35	<35							
Xylenes, total	6080330			ug/kg wet	N/A	85	<85							
Surrogate: Dibromofluoromethane														
Surrogate: Toluene-d8	6080330			ug/kg wet		99						86-113		
Surrogate: 4-Bromofluorobenzene	6080330			ug/kg wet		100						90-110		
				ug/kg wet								89-110		

B

SUMMIT ENVIROSOLUTIONS  
 1217 Bandana Blvd. North  
 St. Paul, MN 55108  
 Mr. Bruce Johnson

Work Order: WPH0261  
 Project: KMJ Convenience - Granite Falls,  
 Project Number: 0353-006

Received: 08/07/06  
 Reported: 11/13/06 14:53

## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC	RPD Limit	RPD Limit	Q
<b>UST ANALYSIS PARAMETERS</b>														
Gasoline Range Organics	6H07016		20.000	mg/kg wet	N/A	N/A	20.0	20.0	100		80-120			
Gasoline Range Organics	6H08012		20.000	mg/kg wet	N/A	N/A	19.5	19.5	98		80-120			
Gasoline Range Organics	6H09012		20.000	mg/kg wet	N/A	N/A	19.2	19.2	96		80-120			
<b>VOCs by SW8260B</b>														
Acetone	6H09011		2500.0	ug/kg wet	N/A	N/A	2590	2590	104		80-120			
Allyl chloride	6H09011		2500.0	ug/kg wet	N/A	N/A	3120	3120	125		80-120			C
Benzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2320	2320	93		80-120			
Bromobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2480	2480	99		80-120			
Bromochloromethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2270	2270	91		80-120			
Bromodichloromethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2700	2700	108		80-120			
Bromoform	6H09011		2500.0	ug/kg wet	N/A	N/A	2290	2290	92		80-120			
Bromomethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2520	2520	101		80-120			
n-Butylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2500	2500	100		80-120			
sec-Butylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2440	2440	98		80-120			
tert-Butylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2360	2360	94		80-120			
2-Butanone (MEK)	6H09011		2500.0	ug/kg wet	N/A	N/A	2090	2090	84		80-120			
Carbon Tetrachloride	6H09011		2500.0	ug/kg wet	N/A	N/A	2600	2600	104		80-120			
Chlorobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2420	2420	97		80-120			
Chlorodibromomethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2670	2670	107		80-120			
Chloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2470	2470	99		80-120			R2
Chloroform	6H09011		2500.0	ug/kg wet	N/A	N/A	2550	2550	102		80-120			
Chloromethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2580	2580	103		80-120			
2-Chlorotoluene	6H09011		2500.0	ug/kg wet	N/A	N/A	2540	2540	102		80-120			
4-Chlorotoluene	6H09011		2500.0	ug/kg wet	N/A	N/A	2370	2370	95		80-120			
1,2-Dibromoethane (EDB)	6H09011		2500.0	ug/kg wet	N/A	N/A	2440	2440	98		80-120			
Dibromomethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2540	2540	102		80-120			
1,2-Dichlorobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2400	2400	96		80-120			
1,3-Dichlorobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2430	2430	97		80-120			
1,4-Dichlorobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2410	2410	96		80-120			L1,R2
Dichlorodifluoromethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2520	2520	101		80-120			
1,1-Dichloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2730	2730	109		80-120			
1,2-Dichloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2500	2500	100		80-120			
1,1-Dichloroethene	6H09011		2500.0	ug/kg wet	N/A	N/A	3020	3020	121		80-120			C
cis-1,2-Dichloroethene	6H09011		2500.0	ug/kg wet	N/A	N/A	2670	2670	107		80-120			L1,R2
trans-1,2-Dichloroethene	6H09011		2500.0	ug/kg wet	N/A	N/A	2590	2590	104		80-120			R2,L1
Dichlorofluoromethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2370	2370	95		80-120			
1,2-Dichloropropane	6H09011		2500.0	ug/kg wet	N/A	N/A	2600	2600	104		80-120			
1,3-Dichloropropane	6H09011		2500.0	ug/kg wet	N/A	N/A	2450	2450	98		80-120			
2,2-Dichloropropane	6H09011		2500.0	ug/kg wet	N/A	N/A	2720	2720	109		80-120			
1,1-Dichloropropene	6H09011		2500.0	ug/kg wet	N/A	N/A	2640	2640	106		80-120			
cis-1,3-Dichloropropene	6H09011		2500.0	ug/kg wet	N/A	N/A	2680	2680	107		80-120			
trans-1,3-Dichloropropene	6H09011		2500.0	ug/kg wet	N/A	N/A	2540	2540	102		80-120			

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUMMIT ENVIRONMENTALS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMI Convenience - Granite Falls, MN  
Project Number: 0353-006  
Received: 08/07/06  
Reported: 11/13/06 14:53

## CCV QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Result	Result	Dup	% REC	% Dup	% REC	Limits	RPD	Limit	Q
VOCs by SW8260B																
Diethyl ether	6H09011		2500.0	ug/kg wet	N/A	N/A	2580			103		80-120				
Ethylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2330			93		80-120				
Hexachlorobutadiene	6H09011		2500.0	ug/kg wet	N/A	N/A	2690			108		80-120				
Isopropylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2470			99		80-120				
p-Isopropyltoluene	6H09011		2500.0	ug/kg wet	N/A	N/A	2490			100		80-120				
Methyl tert-Butyl Ether	6H09011		2500.0	ug/kg wet	N/A	N/A	2400			96		80-120				
Methylene Chloride	6H09011		2500.0	ug/kg wet	N/A	N/A	2250			90		80-120				
4-Methyl-2-pentanone (MIBK)	6H09011		2500.0	ug/kg wet	N/A	N/A	2120			85		80-120				
Naphthalene	6H09011		2500.0	ug/kg wet	N/A	N/A	2480			99		80-120				
n-Propylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2530			101		80-120				
Styrene	6H09011		2500.0	ug/kg wet	N/A	N/A	2500			100		80-120				
1,1,1,2-Tetrachloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2570			103		80-120				
1,1,2,2-Tetrachloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2290			92		80-120				
Tetrachloroethene	6H09011		2500.0	ug/kg wet	N/A	N/A	2480			99		80-120				
Tetrahydrofuran	6H09011		2500.0	ug/kg wet	N/A	N/A	2370			95		80-120				
Toluene	6H09011		2500.0	ug/kg wet	N/A	N/A	2360			94		80-120				
1,2,3-Trichlorobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2520			101		80-120				
1,2,4-Trichlorobenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2540			102		80-120				
1,1,1-Trichloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2650			106		80-120				
1,1,2-Trichloroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2530			101		80-120				
Trichloroethene	6H09011		2500.0	ug/kg wet	N/A	N/A	2640			106		80-120				
Trichlorofluoromethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2900			116		80-120				
1,2,3-Trichloropropane	6H09011		2500.0	ug/kg wet	N/A	N/A	2260			90		80-120				
1,1,2-Trichlorotrifluoroethane	6H09011		2500.0	ug/kg wet	N/A	N/A	2580			103		80-120				
1,2,4-Trimethylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2510			100		80-120				
1,3,5-Trimethylbenzene	6H09011		2500.0	ug/kg wet	N/A	N/A	2460			98		80-120				
Vinyl chloride	6H09011		2500.0	ug/kg wet	N/A	N/A	2410			96		80-120				
Xylenes, total	6H09011		7500.0	ug/kg wet	N/A	N/A	7150			95		80-120				
<i>Surrogate: Dibromofluoromethane</i>																
<i>Surrogate: Toluene-d8</i>																
<i>Surrogate: 4-Bromofluorobenzene</i>																
Acetone	6H09018		2500.0	ug/kg wet	N/A	N/A	3850			154		80-120				C
Allyl chloride	6H09018		2500.0	ug/kg wet	N/A	N/A	3020			121		80-120				C
Benzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2900			116		80-120				
Bromobenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2600			104		80-120				
Bromochloromethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2630			105		80-120				
Bromodichloromethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2890			116		80-120				
Bromoforn	6H09018		2500.0	ug/kg wet	N/A	N/A	2770			111		80-120				
Bromomethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2720			109		80-120				
n-Butylbenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2610			104		80-120				
sec-Butylbenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2810			112		80-120				
tert-Butylbenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2810			112		80-120				
2-Butanone (MEK)	6H09018		2500.0	ug/kg wet	N/A	N/A	3180			127		80-120				C
Carbon Tetrachloride	6H09018		2500.0	ug/kg wet	N/A	N/A	2940			118		80-120				

SUMMIT ENVIROSOLUTIONS

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Chlorobenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2710		108		80-120		
Chlorodibromomethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2840		114		80-120		
Chloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120		
Chloroform	6H09018		2500.0	ug/kg wet	N/A	N/A	2980		119		80-120		
Chloromethane	6H09018		2500.0	ug/kg wet	N/A	N/A	3620		145		80-120		C,LI
2-Chlorotoluene	6H09018		2500.0	ug/kg wet	N/A	N/A	2740		110		80-120		
4-Chlorotoluene	6H09018		2500.0	ug/kg wet	N/A	N/A	2800		112		80-120		
1,2-Dibromo-3-chloropropane	6H09018		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120		
1,2-Dibromoethane (EDB)	6H09018		2500.0	ug/kg wet	N/A	N/A	2760		110		80-120		
Dibromomethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2570		103		80-120		
1,2-Dichloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2640		106		80-120		
1,3-Dichlorobenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2560		102		80-120		
1,4-Dichlorobenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2540		102		80-120		
Dichlorodifluoromethane	6H09018		2500.0	ug/kg wet	N/A	N/A	3050		122		80-120		
1,2-Dichloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2930		117		80-120		
cis-1,2-Dichloroethene	6H09018		2500.0	ug/kg wet	N/A	N/A	2870		115		80-120		
trans-1,2-Dichloroethene	6H09018		2500.0	ug/kg wet	N/A	N/A	2890		116		80-120		
Dichlorofluoromethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2580		103		80-120		
1,2-Dichloropropane	6H09018		2500.0	ug/kg wet	N/A	N/A	2910		116		80-120		
1,3-Dichloropropane	6H09018		2500.0	ug/kg wet	N/A	N/A	2720		109		80-120		
2,2-Dichloropropane	6H09018		2500.0	ug/kg wet	N/A	N/A	2940		118		80-120		
1,1-Dichloropropene	6H09018		2500.0	ug/kg wet	N/A	N/A	3000		120		80-120		
cis-1,3-Dichloropropene	6H09018		2500.0	ug/kg wet	N/A	N/A	2830		113		80-120		
trans-1,3-Dichloropropene	6H09018		2500.0	ug/kg wet	N/A	N/A	2790		112		80-120		
Diethyl ether	6H09018		2500.0	ug/kg wet	N/A	N/A	3580		143		80-120		C
Ethylbenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2730		109		80-120		
Hexachlorobutadiene	6H09018		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120		
Isopropylbenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2760		110		80-120		
p-Isopropyltoluene	6H09018		2500.0	ug/kg wet	N/A	N/A	2650		106		80-120		
Methyl tert-Butyl Ether	6H09018		2500.0	ug/kg wet	N/A	N/A	2880		115		80-120		
4-Methyl-2-pentanone (MIBK)	6H09018		2500.0	ug/kg wet	N/A	N/A	2590		104		80-120		
Naphthalene	6H09018		2500.0	ug/kg wet	N/A	N/A	2300		92		80-120		
n-Propylbenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2630		105		80-120		
Styrene	6H09018		2500.0	ug/kg wet	N/A	N/A	2720		109		80-120		
1,1,1,2-Tetrachloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2820		113		80-120		
1,1,2,2-Tetrachloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2680		107		80-120		
Tetrachloroethene	6H09018		2500.0	ug/kg wet	N/A	N/A	2540		102		80-120		
Tetrahydrofuran	6H09018		2500.0	ug/kg wet	N/A	N/A	2780		111		80-120		
Toluene	6H09018		2500.0	ug/kg wet	N/A	N/A	2810		112		80-120		
1,2,3-Trichlorobenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2280		91		80-120		
1,2,4-Trichlorobenzene	6H09018		2500.0	ug/kg wet	N/A	N/A	2200		88		80-120		R2
1,1,1-Trichloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2840		114		80-120		
1,1,2-Trichloroethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2650		106		80-120		
Trichloroethene	6H09018		2500.0	ug/kg wet	N/A	N/A	2650		106		80-120		
Trichlorofluoromethane	6H09018		2500.0	ug/kg wet	N/A	N/A	2730		109		80-120		R2,LI

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SUMMIT ENVIRONMENTALS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMI Convenience - Granite Falls, WI  
Project Number: 0353-006  
Received: 08/07/06  
Reported: 11/13/06 14:53

## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Result	Dup REC	% REC	Dup %REC	% Limits	RPD	RPD Limit	Q
<b>VOCS by SW8260B</b>															
1,2,3-Trichloropropane			2500.0	ug/kg wet	N/A	N/A	2490		100			80-120			
1,1,2-Trichlorotrifluoroethane			2500.0	ug/kg wet	N/A	N/A	3220		129			80-120			C
1,2,4-Trimethylbenzene			2500.0	ug/kg wet	N/A	N/A	2590		104			80-120			
1,3,5-Trimethylbenzene			2500.0	ug/kg wet	N/A	N/A	2640		106			80-120			
Vinyl chloride			2500.0	ug/kg wet	N/A	N/A	2780		111			80-120			
Xylenes, total			7500.0	ug/kg wet	N/A	N/A	8220		110			80-120			
<i>Surrogate: Dibromofluoromethane</i>															
			6FH09018	ug/kg wet					105			80-120			
<i>Surrogate: Toluene-d8</i>															
			6FH09018	ug/kg wet					103			80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>															
			6FH09018	ug/kg wet					101			80-120			
Acetone			2500.0	ug/kg wet	N/A	N/A	2710		108			80-120			
Allyl chloride			2500.0	ug/kg wet	N/A	N/A	2450		98			80-120			
Benzene			2500.0	ug/kg wet	N/A	N/A	2440		98			80-120			
Bromobenzene			2500.0	ug/kg wet	N/A	N/A	2450		98			80-120			
Bromochloromethane			2500.0	ug/kg wet	N/A	N/A	2320		93			80-120			
Bromodichloromethane			2500.0	ug/kg wet	N/A	N/A	2520		101			80-120			
Bromoform			2500.0	ug/kg wet	N/A	N/A	2680		107			80-120			
Bromomethane			2500.0	ug/kg wet	N/A	N/A	2570		103			80-120			
n-Butylbenzene			2500.0	ug/kg wet	N/A	N/A	2460		98			80-120			
sec-Butylbenzene			2500.0	ug/kg wet	N/A	N/A	2470		99			80-120			
tert-Butylbenzene			2500.0	ug/kg wet	N/A	N/A	2460		98			80-120			
2-Butanone (MEK)			2500.0	ug/kg wet	N/A	N/A	2430		97			80-120			
Carbon Tetrachloride			2500.0	ug/kg wet	N/A	N/A	2570		103			80-120			
Chlorobenzene			2500.0	ug/kg wet	N/A	N/A	2450		98			80-120			
Chlorodibromomethane			2500.0	ug/kg wet	N/A	N/A	2590		104			80-120			
Chloroethane			2500.0	ug/kg wet	N/A	N/A	2460		98			80-120			
Chloroform			2500.0	ug/kg wet	N/A	N/A	2470		99			80-120			
Chloromethane			2500.0	ug/kg wet	N/A	N/A	2490		100			80-120			
2-Chlorotoluene			2500.0	ug/kg wet	N/A	N/A	2420		97			80-120			
4-Chlorotoluene			2500.0	ug/kg wet	N/A	N/A	2450		98			80-120			
1,2-Dibromo-3-chloropropane			2500.0	ug/kg wet	N/A	N/A	2580		103			80-120			
1,2-Dibromomethane (EDB)			2500.0	ug/kg wet	N/A	N/A	2470		99			80-120			
Dibromomethane			2500.0	ug/kg wet	N/A	N/A	2430		97			80-120			
1,2-Dichlorobenzene			2500.0	ug/kg wet	N/A	N/A	2410		96			80-120			
1,3-Dichlorobenzene			2500.0	ug/kg wet	N/A	N/A	2410		96			80-120			
1,4-Dichlorobenzene			2500.0	ug/kg wet	N/A	N/A	2420		97			80-120			
Dichlorodifluoromethane			2500.0	ug/kg wet	N/A	N/A	2340		94			80-120			
1,1-Dichloroethane			2500.0	ug/kg wet	N/A	N/A	2480		99			80-120			
1,2-Dichloroethane			2500.0	ug/kg wet	N/A	N/A	2440		98			80-120			
1,1-Dichloroethene			2500.0	ug/kg wet	N/A	N/A	2510		100			80-120			
cis-1,2-Dichloroethene			2500.0	ug/kg wet	N/A	N/A	2420		97			80-120			
trans-1,2-Dichloroethane			2500.0	ug/kg wet	N/A	N/A	2410		96			80-120			
Dichlorofluoromethane			2500.0	ug/kg wet	N/A	N/A	2600		104			80-120			
1,2-Dichloropropane			2500.0	ug/kg wet	N/A	N/A	2470		99			80-120			
1,3-Dichloropropane			2500.0	ug/kg wet	N/A	N/A	2510		100			80-120			

R2



**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

**CCV QC DATA**

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	Q
<b>VOCs by SW8260B</b>													
2,2-Dichloropropane	6H10012		2500.0	ug/kg wet	N/A	N/A	2470		99		80-120		
1,1-Dichloropropene	6H10012		2500.0	ug/kg wet	N/A	N/A	2430		97		80-120		
cis-1,3-Dichloropropene	6H10012		2500.0	ug/kg wet	N/A	N/A	2500		100		80-120		
trans-1,3-Dichloropropene	6H10012		2500.0	ug/kg wet	N/A	N/A	2520		101		80-120		
Diethyl ether	6H10012		2500.0	ug/kg wet	N/A	N/A	2480		99		80-120		
Ethylbenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2420		97		80-120		
Hexachlorobutadiene	6H10012		2500.0	ug/kg wet	N/A	N/A	2530		101		80-120		
Isopropylbenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120		
p-Isopropyltoluene	6H10012		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120		
Methyl tert-Butyl Ether	6H10012		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120		
Methylene Chloride	6H10012		2500.0	ug/kg wet	N/A	N/A	2400		96		80-120		B
4-Methyl-2-pentanone (MIBK)	6H10012		2500.0	ug/kg wet	N/A	N/A	2340		94		80-120		
Naphthalene	6H10012		2500.0	ug/kg wet	N/A	N/A	2430		97		80-120		
n-Propylbenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2480		99		80-120		
Styrene	6H10012		2500.0	ug/kg wet	N/A	N/A	2470		99		80-120		
1,1,1,2-Tetrachloroethane	6H10012		2500.0	ug/kg wet	N/A	N/A	2500		100		80-120		
1,1,2,2-Tetrachloroethane	6H10012		2500.0	ug/kg wet	N/A	N/A	2450		98		80-120		
Tetrachloroethene	6H10012		2500.0	ug/kg wet	N/A	N/A	2500		100		80-120		
Tetrahydrofuran	6H10012		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120		
Toluene	6H10012		2500.0	ug/kg wet	N/A	N/A	2400		96		80-120		
1,2,3-Trichlorobenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120		
1,2,4-Trichlorobenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2450		98		80-120		
1,1,1-Trichloroethane	6H10012		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120		
1,1,2-Trichloroethane	6H10012		2500.0	ug/kg wet	N/A	N/A	2430		97		80-120		
Trichloroethene	6H10012		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120		
Trichlorofluoromethane	6H10012		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120		
1,2,3-Trichloropropane	6H10012		2500.0	ug/kg wet	N/A	N/A	2430		97		80-120		
1,1,2-Trichlorotrifluoroethane	6H10012		2500.0	ug/kg wet	N/A	N/A	2560		102		80-120		
1,2,4-Trimethylbenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2430		97		80-120		
1,3,5-Trimethylbenzene	6H10012		2500.0	ug/kg wet	N/A	N/A	2470		99		80-120		
Vinyl chloride	6H10012		2500.0	ug/kg wet	N/A	N/A	2370		95		80-120		
Xylenes, total	6H10012		7500.0	ug/kg wet	N/A	N/A	7430		99		80-120		
Surrogate: Dibromofluoromethane	6H10012			ug/kg wet					100		80-120		
Surrogate: Toluene-d8	6H10012			ug/kg wet					100		80-120		
Surrogate: 4-Bromofluorobenzene	6H10012			ug/kg wet					101		80-120		

# TestAmerica

ANALYTICAL TESTING CORPORATION

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SUMMIT ENVIKROSOLUTIONS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMJ Convenience - Granite Falls, WI  
Project Number: 0353-006  
Received: 08/07/06  
Reported: 11/13/06 14:53

## LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	%REC Limits	RPD	RPD Limit	Q
General Chemistry Parameters													
QC Source Sample: WPH0260-03													
% Solids	6080222	90	%	N/A	N/A	N/A	90.5				1	20	
QC Source Sample: WPH0263-01													
% Solids	6080222	91	%	N/A	N/A	N/A	91.1				0	20	

**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

**LCS/LCS DUPLICATE QC DATA**

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC	Limit	RPD	Limit	Q
<b>UST ANALYSIS PARAMETERS</b>															
Gasoline Range Organics	6080210		50.000	mg/kg wet	N/A	N/A	55.3	52.1	111	104	80-120	6	20		
Gasoline Range Organics	6080253		50.000	mg/kg wet	N/A	N/A	53.6	50.9	107	102	80-120	5	20		
Gasoline Range Organics	6080295		50.000	mg/kg wet	N/A	N/A	51.8	53.1	104	106	80-120	2	20		
<b>VOCs by SW8260B</b>															
Benzene	6080293		2500.0	ug/kg wet	N/A	N/A	2310	2470	92	99	64-121	7	29		
Bromobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2450	2460	98	98	70-130	0	20		
Bromochloromethane	6080293		2500.0	ug/kg wet	N/A	N/A	2360	2430	94	97	70-130	3	20		
Bromodichloromethane	6080293		2500.0	ug/kg wet	N/A	N/A	2620	2790	105	112	70-130	6	20		
Bromoforn	6080293		2500.0	ug/kg wet	N/A	N/A	2410	2390	96	96	70-130	1	20		
Bromomethane	6080293		2500.0	ug/kg wet	N/A	N/A	2730	2550	109	102	70-130	7	20		
n-Butylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2380	2500	95	100	70-130	5	20		
sec-Butylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2280	2410	91	96	70-130	6	20		
tert-Butylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2290	2420	92	97	70-130	6	20		
Carbon Tetrachloride	6080293		2500.0	ug/kg wet	N/A	N/A	2550	3130	102	125	70-130	20	20		
Chlorobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2330	2400	93	96	80-123	3	17		
Chlorodibromomethane	6080293		2500.0	ug/kg wet	N/A	N/A	2710	2600	108	104	70-130	4	20		
Chloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2770	2640	111	106	70-130	5	20		
Chloroform	6080293		2500.0	ug/kg wet	N/A	N/A	2500	3110	100	124	70-130	22	20		R2
Chloromethane	6080293		2500.0	ug/kg wet	N/A	N/A	2910	2590	116	104	70-130	12	20		
2-Chlorotoluene	6080293		2500.0	ug/kg wet	N/A	N/A	2100	2560	84	102	70-130	20	20		
4-Chlorotoluene	6080293		2500.0	ug/kg wet	N/A	N/A	2270	2470	91	99	70-130	8	20		
1,2-Dibromo-3-chloropropane	6080293		2500.0	ug/kg wet	N/A	N/A	2080	2530	83	101	70-130	20	20		C9
1,2-Dibromoethane (EDB)	6080293		2500.0	ug/kg wet	N/A	N/A	2480	2710	99	108	70-130	9	20		
Dibromomethane	6080293		2500.0	ug/kg wet	N/A	N/A	2530	2970	101	119	70-130	16	20		L1,R2
1,2-Dichlorobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2340	2460	94	98	70-130	5	20		
1,3-Dichlorobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2340	2420	94	97	70-130	3	20		
1,4-Dichlorobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2310	2440	92	98	70-130	5	20		
Dichlorodifluoromethane	6080293		2500.0	ug/kg wet	N/A	N/A	2850	2660	114	106	70-130	7	20		
1,1-Dichloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2840	3660	114	146	70-130	25	20		L1,R2
1,2-Dichloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2520	3000	101	120	70-130	17	20		
1,1-Dichloroethene	6080293		2500.0	ug/kg wet	N/A	N/A	3260	3490	130	140	43-141	7	44		C
cis-1,2-Dichloroethene	6080293		2500.0	ug/kg wet	N/A	N/A	2590	3360	104	134	70-130	26	20		L1,R2
trans-1,2-Dichloroethene	6080293		2500.0	ug/kg wet	N/A	N/A	2670	3440	107	138	70-130	25	20		L1,R2
1,2-Dichloropropane	6080293		2500.0	ug/kg wet	N/A	N/A	2500	2590	100	104	70-130	4	20		
1,3-Dichloropropane	6080293		2500.0	ug/kg wet	N/A	N/A	2450	2420	98	97	70-130	1	20		
2,2-Dichloropropane	6080293		2500.0	ug/kg wet	N/A	N/A	2590	2850	104	114	70-130	10	20		
1,1-Dichloropropene	6080293		2500.0	ug/kg wet	N/A	N/A	2530	2800	101	112	70-130	10	20		
cis-1,3-Dichloropropene	6080293		2500.0	ug/kg wet	N/A	N/A	2680	2530	107	101	70-130	6	20		
trans-1,3-Dichloropropene	6080293		2500.0	ug/kg wet	N/A	N/A	2560	2350	102	94	70-130	9	20		
Ethylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2250	2410	90	96	79-122	7	17		
Hexachlorobutadiene	6080293		2500.0	ug/kg wet	N/A	N/A	2610	2550	104	102	70-130	2	20		
Isopropylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2350	2460	94	98	70-130	5	20		

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SUMMIT ENVIRONMENTALSOLUTIONS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMI Conventence - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

## LC/SLCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD	RPD Limit	Q
VOCS by SW8260B														
P-Isopropyltoluene	6080293		2500.0	ug/kg wet	N/A	N/A	2330	2490	93	100	70-130	7	20	
Methyl tert-Butyl Ether	6080293		2406.2	ug/kg wet	N/A	N/A	2400	2970	100	123	55-137	21	36	
Methylene Chloride	6080293		2500.0	ug/kg wet	N/A	N/A	2370	2330	95	93	70-130	2	20	
Naphthalene	6080293		2500.0	ug/kg wet	N/A	N/A	2190	2960	88	118	70-130	30	20	R2
n-Propylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2400	2530	96	101	70-130	5	20	
Styrene	6080293		2500.0	ug/kg wet	N/A	N/A	2470	2530	99	101	70-130	2	20	
1,1,1,2-Tetrachloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2590	2680	104	107	70-130	3	20	
1,1,2,2-Tetrachloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2290	2670	92	107	70-130	15	20	
Tetrachloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2300	2620	92	105	70-130	13	20	
Toluene	6080293		2500.0	ug/kg wet	N/A	N/A	2300	2490	92	100	78-120	8	18	
1,2,3-Trichlorobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2330	2670	93	107	70-130	14	20	
1,2,4-Trichlorobenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2340	2620	94	105	70-130	11	20	
1,1,1-Trichloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2590	3090	104	124	70-130	18	20	
1,1,2-Trichloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2600	2540	104	102	70-130	2	20	
Trichloroethane	6080293		2500.0	ug/kg wet	N/A	N/A	2660	2670	106	107	78-124	0	20	
Trichlorofluoromethane	6080293		2500.0	ug/kg wet	N/A	N/A	2980	2820	119	113	70-130	6	20	
1,2,3-Trichloropropane	6080293		2500.0	ug/kg wet	N/A	N/A	2130	2290	85	92	70-130	7	20	
1,2,4-Trimehylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2360	2540	94	102	75-128	7	20	
1,3,5-Trimethylbenzene	6080293		2500.0	ug/kg wet	N/A	N/A	2330	2460	93	98	76-127	5	19	
Vinyl chloride	6080293		2500.0	ug/kg wet	N/A	N/A	2660	2450	106	98	70-130	8	20	
Xylenes, total	6080293		7500.0	ug/kg wet	N/A	N/A	7040	7250	94	97	70-130	3	20	
Surrogate: Dibromofluoromethane														
Surrogate: Toluene-d8	6080293			ug/kg wet					102	122	87-111			Z1
Surrogate: 4-Bromofluorobenzene	6080293			ug/kg wet					97	101	88-110			
Benzene	6080317		2500.0	ug/kg wet	N/A	N/A	2690	2670	108	107	64-124	1	29	
Bromobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2520	2640	101	106	70-130	5	20	
Bromochloromethane	6080317		2500.0	ug/kg wet	N/A	N/A	2530	2570	101	103	70-130	2	20	
Bromodichloromethane	6080317		2500.0	ug/kg wet	N/A	N/A	2740	2770	110	111	70-130	1	20	
Bromofom	6080317		2500.0	ug/kg wet	N/A	N/A	2680	2810	107	112	70-130	5	20	
Bromomethane	6080317		2500.0	ug/kg wet	N/A	N/A	3050	2860	122	114	70-130	6	20	
n-Butylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2480	2750	99	110	70-130	10	20	
sec-Butylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2650	2660	106	106	70-130	0	20	
tert-Butylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2650	2640	106	106	70-130	0	20	
Carbon Tetrachloride	6080317		2500.0	ug/kg wet	N/A	N/A	2860	2780	114	111	70-130	3	20	
Chlorobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2600	2690	104	108	80-123	3	17	
Chlorodibromomethane	6080317		2500.0	ug/kg wet	N/A	N/A	2720	2830	109	113	70-130	4	20	
Chloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2770	2670	111	107	70-130	4	20	
Chloroform	6080317		2500.0	ug/kg wet	N/A	N/A	2770	2700	111	108	70-130	3	20	
Chloromethane	6080317		2500.0	ug/kg wet	N/A	N/A	3790	3790	152	152	70-130	0	20	L1,C
2-Chlorotoluene	6080317		2500.0	ug/kg wet	N/A	N/A	2540	2600	102	104	70-130	2	20	
4-Chlorotoluene	6080317		2500.0	ug/kg wet	N/A	N/A	2580	2790	103	112	70-130	8	20	
1,2-Dibromo-3-chloropropane	6080317		2500.0	ug/kg wet	N/A	N/A	2310	2440	92	98	70-130	5	20	
1,2-Dibromoethane (EDB)	6080317		2500.0	ug/kg wet	N/A	N/A	2620	2560	105	102	70-130	2	20	
Dibromomethane	6080317		2500.0	ug/kg wet	N/A	N/A	2510	2630	100	105	70-130	5	20	

**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

**LCS/LCS DUPLICATE QC DATA**

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	RPD Limit	Q
<b>VOCs by SW8260B</b>														
1,2-Dichlorobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2510	2690	100	108	70-130	7	20	
1,3-Dichlorobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2440	2720	98	109	70-130	11	20	
1,4-Dichlorobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2440	2710	98	108	70-130	10	20	
Dichlorodifluoromethane	6080317		2500.0	ug/kg wet	N/A	N/A	3160	3290	126	132	70-130	4	20	L1,C
1,1-Dichloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2810	2730	112	109	70-130	3	20	C9
1,2-Dichloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2670	2640	107	106	70-130	1	20	
1,1-Dichloroethene	6080317		2500.0	ug/kg wet	N/A	N/A	3000	2890	120	116	43-141	4	44	C9
cis-1,2-Dichloroethene	6080317		2500.0	ug/kg wet	N/A	N/A	2730	2670	109	107	70-130	2	20	
trans-1,2-Dichloroethene	6080317		2500.0	ug/kg wet	N/A	N/A	2680	2670	107	107	70-130	0	20	
1,2-Dichloropropane	6080317		2500.0	ug/kg wet	N/A	N/A	2620	2590	105	104	70-130	1	20	
1,3-Dichloropropane	6080317		2500.0	ug/kg wet	N/A	N/A	2510	2540	100	102	70-130	1	20	
2,2-Dichloropropane	6080317		2500.0	ug/kg wet	N/A	N/A	2750	2760	110	110	70-130	0	20	
1,1-Dichloropropene	6080317		2500.0	ug/kg wet	N/A	N/A	2740	2690	110	108	70-130	2	20	
cis-1,3-Dichloropropene	6080317		2500.0	ug/kg wet	N/A	N/A	2660	2740	106	110	70-130	3	20	
trans-1,3-Dichloropropene	6080317		2500.0	ug/kg wet	N/A	N/A	2610	2710	104	108	70-130	4	20	
Ethylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2670	2650	107	106	79-122	1	17	
Hexachlorobutadiene	6080317		2500.0	ug/kg wet	N/A	N/A	2500	2610	100	104	70-130	4	20	
Isopropylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2630	2650	105	106	70-130	1	20	
p-Isopropyltoluene	6080317		2500.0	ug/kg wet	N/A	N/A	2530	2680	101	107	70-130	6	20	
Methyl tert-Butyl Ether	6080317		2406.2	ug/kg wet	N/A	N/A	2680	2670	111	111	55-137	0	36	
Methylene Chloride	6080317		2500.0	ug/kg wet	N/A	N/A	2860	2920	114	117	70-130	2	20	C9,B
Naphthalene	6080317		2500.0	ug/kg wet	N/A	N/A	2280	2450	91	98	70-130	7	20	
n-Propylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2560	2670	102	107	70-130	4	20	
Styrene	6080317		2500.0	ug/kg wet	N/A	N/A	2580	2720	103	109	70-130	5	20	
1,1,1,2-Tetrachloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2720	2720	109	109	70-130	0	20	
1,1,2,2-Tetrachloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2520	2560	101	102	70-130	2	20	
Tetrachloroethene	6080317		2500.0	ug/kg wet	N/A	N/A	2570	2600	103	104	70-130	1	20	
Toluene	6080317		2500.0	ug/kg wet	N/A	N/A	2680	2640	107	106	78-120	2	18	
1,2,3-Trichlorobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2290	2620	92	105	70-130	13	20	
1,2,4-Trichlorobenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2220	2780	89	111	70-130	22	20	R2
1,1,1-Trichloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2690	2650	108	106	70-130	1	20	
1,1,2-Trichloroethane	6080317		2500.0	ug/kg wet	N/A	N/A	2510	2560	100	102	70-130	2	20	
Trichloroethene	6080317		2500.0	ug/kg wet	N/A	N/A	2640	2650	103	106	78-124	3	20	
Trichlorofluoromethane	6080317		2500.0	ug/kg wet	N/A	N/A	3580	2800	143	112	70-130	24	20	L1,R2
1,2,3-Trichloropropane	6080317		2500.0	ug/kg wet	N/A	N/A	2120	2200	85	88	70-130	4	20	
1,2,4-Trimethylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2510	2670	100	107	75-128	6	20	
1,3,5-Trimethylbenzene	6080317		2500.0	ug/kg wet	N/A	N/A	2550	2660	102	106	76-127	4	19	
Vinyl chloride	6080317		2500.0	ug/kg wet	N/A	N/A	2870	2980	115	119	70-130	4	20	
Xylenes, total	6080317		7500.0	ug/kg wet	N/A	N/A	7820	8060	104	107	70-130	3	20	
Surrogate: Dibromofluoromethane	6080317			ug/kg wet					103	101	87-111			
Surrogate: Toluene-d8	6080317			ug/kg wet					103	100	88-110			
Surrogate: 4-Bromofluorobenzene	6080317			ug/kg wet					101	99	90-108			

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUMMIT ENVIROSOLUTIONS  
1217 Bandana Blvd, North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261  
Project: KMI Convenience - Granite Falls,  
Project Number: 0353-006

Received: 08/07/06  
Reported: 11/13/06 14:53

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC	RPD Limits	RPD Limit	Q
VOCs by SW8260B														
Benzene	6080330		2500.0	ug/kg wet	N/A	N/A	2360	2220	94	89	64-124	6	29	
Bromobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2400	2910	96	116	70-130	19	20	
Bromochloromethane	6080330		2500.0	ug/kg wet	N/A	N/A	2370	2260	95	90	70-130	5	20	
Bromodichloromethane	6080330		2500.0	ug/kg wet	N/A	N/A	2510	2350	100	94	70-130	7	20	
Bromoforn	6080330		2500.0	ug/kg wet	N/A	N/A	2730	2460	109	98	70-130	10	20	
Bromomethane	6080330		2500.0	ug/kg wet	N/A	N/A	2540	2210	102	88	70-130	14	20	
n-Butylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2400	2190	96	88	70-130	9	20	
sec-Butylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2490	2290	100	92	70-130	8	20	
tert-Butylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2530	2330	101	93	70-130	8	20	
Carbon Tetrachloride	6080330		2500.0	ug/kg wet	N/A	N/A	2600	2460	104	98	70-130	6	20	
Chlorobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2310	96	92	80-123	4	17	
Chlorodibromomethane	6080330		2500.0	ug/kg wet	N/A	N/A	2680	2440	107	98	70-130	9	20	
Chloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2240	2130	90	85	70-130	5	20	
Chloroform	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2270	96	91	70-130	6	20	
Chloromethane	6080330		2500.0	ug/kg wet	N/A	N/A	2810	2040	112	82	70-130	32	20	R2
2-Chlorotoluene	6080330		2500.0	ug/kg wet	N/A	N/A	2380	2290	95	92	70-130	4	20	
4-Chlorotoluene	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2230	96	89	70-130	8	20	
1,2-Dibromo-3-chloropropane	6080330		2500.0	ug/kg wet	N/A	N/A	2630	2730	105	109	70-130	4	20	
1,2-Dibromoethane (EDB)	6080330		2500.0	ug/kg wet	N/A	N/A	2450	2330	98	93	70-130	5	20	
Dibromomethane	6080330		2500.0	ug/kg wet	N/A	N/A	2500	2330	100	93	70-130	7	20	
1,2-Dichlorobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2240	96	90	70-130	7	20	
1,3-Dichlorobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2430	2230	97	89	70-130	9	20	
1,4-Dichlorobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2190	96	88	70-130	10	20	
Dichlorodifluoromethane	6080330		2500.0	ug/kg wet	N/A	N/A	2620	2340	105	94	70-130	11	20	
1,1-Dichloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2380	2250	95	90	70-130	6	20	
1,2-Dichloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2380	2250	95	90	70-130	6	20	
1,1-Dichloroethene	6080330		2500.0	ug/kg wet	N/A	N/A	2420	2240	97	90	43-141	8	44	
cis-1,2-Dichloroethene	6080330		2500.0	ug/kg wet	N/A	N/A	2340	2210	94	88	70-130	6	20	
trans-1,2-Dichloroethene	6080330		2500.0	ug/kg wet	N/A	N/A	2390	2190	96	88	70-130	9	20	
1,2-Dichloropropane	6080330		2500.0	ug/kg wet	N/A	N/A	2250	2150	90	86	70-130	5	20	
1,3-Dichloropropane	6080330		2500.0	ug/kg wet	N/A	N/A	2420	2210	97	88	70-130	9	20	
2,2-Dichloropropane	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2110	96	84	70-130	13	20	
1,1-Dichloropropene	6080330		2500.0	ug/kg wet	N/A	N/A	2370	2190	95	88	70-130	8	20	
cis-1,3-Dichloropropene	6080330		2500.0	ug/kg wet	N/A	N/A	2420	2250	97	90	70-130	7	20	
trans-1,3-Dichloropropene	6080330		2500.0	ug/kg wet	N/A	N/A	2460	2290	98	92	70-130	7	20	
Ethylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2400	2240	96	90	79-122	7	17	
Hexachlorobutadiene	6080330		2500.0	ug/kg wet	N/A	N/A	2450	2330	98	93	70-130	5	20	
Isopropylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2450	2320	98	93	70-130	5	20	
p-Isopropyltoluene	6080330		2500.0	ug/kg wet	N/A	N/A	2470	2360	99	94	70-130	5	20	
Methyl tert-Butyl Ether	6080330		2406.2	ug/kg wet	N/A	N/A	2380	2230	99	93	55-137	7	36	
Methylene Chloride	6080330		2500.0	ug/kg wet	N/A	N/A	2440	2270	98	91	70-130	7	20	
Naphthalene	6080330		2500.0	ug/kg wet	N/A	N/A	2360	2470	94	99	70-130	5	20	B
n-Propylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2440	2300	98	92	70-130	6	20	
Styrene	6080330		2500.0	ug/kg wet	N/A	N/A	2410	2310	96	92	70-130	4	20	
1,1,1,2-Tetrachloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2480	2410	99	96	70-130	3	20	

**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPH0261

Received: 08/07/06

Project: KMJ Convenience - Granite Falls,

Reported: 11/13/06 14:53

Project Number: 0353-006

**LCS/LCS DUPLICATE QC DATA**

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	RPD Limit	Q
<b>VOCs by SW8260B</b>														
1,1,2,2-Tetrachloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2400	2240	96	90	70-130	7	20	
Tetrachloroethene	6080330		2500.0	ug/kg wet	N/A	N/A	2520	2260	101	90	70-130	11	20	
Toluene	6080330		2500.0	ug/kg wet	N/A	N/A	2350	2270	94	91	78-120	3	18	
1,2,3-Trichlorobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2350	2300	94	92	70-130	2	20	
1,2,4-Trichlorobenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2330	2200	93	88	70-130	6	20	
1,1,1-Trichloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2460	2330	98	93	70-130	5	20	
1,1,2-Trichloroethane	6080330		2500.0	ug/kg wet	N/A	N/A	2390	2300	96	92	70-130	4	20	
Trichloroethene	6080330		2500.0	ug/kg wet	N/A	N/A	2480	2350	99	94	78-124	5	20	
Trichlorofluoromethane	6080330		2500.0	ug/kg wet	N/A	N/A	2380	2180	95	87	70-130	9	20	
1,2,3-Trichloropropane	6080330		2500.0	ug/kg wet	N/A	N/A	2170	2070	87	83	70-130	5	20	
1,2,4-Trimethylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2370	2260	95	90	75-128	5	20	
1,3,5-Trimethylbenzene	6080330		2500.0	ug/kg wet	N/A	N/A	2430	2280	97	91	76-127	6	19	
Vinyl chloride	6080330		7500.0	ug/kg wet	N/A	N/A	7560	2220	102	89	70-130	14	20	
Xylenes, total	6080330		7500.0	ug/kg wet	N/A	N/A	7110	6790	95	91	70-130	5	20	
<i>Surrogate: Dibromofluoromethane</i>	6080330			ug/kg wet					100	97	87-111			
<i>Surrogate: Toluene-d8</i>	6080330			ug/kg wet					98	99	88-110			
<i>Surrogate: 4-Bromofluorobenzene</i>	6080330			ug/kg wet					99	99	90-108			

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 • 800-833-7036 • Fax 920-261-8120

SUMMIT ENVIRO SOLUTIONS

1217 Bandana Blvd North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPH0261

Project: KMJ Convenience - Granite Falls,

Project Number: 0353-006

Received: 08/07/06

Reported: 11/13/06 14:53

## CERTIFICATION SUMMARY

TestAmerica - Watertown, WI

Method	Matrix	Nelac	Minnesota
SW 5035	Solid/Soil	X	X
SW 8260B	Solid/Soil	X	X
WDNR GRO	Solid/Soil	X	X

## DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- C** Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- C9** Calibration Verification recovery was outside the method control limits for this analyte. The LCS for this analyte met CCV acceptance criteria, and was used to validate the batch.
- L1** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- R2** The RPD exceeded the acceptance limit.
- RL1** Reporting limit raised due to sample matrix effects.
- S2** Compound is a common lab solvent and contaminant.
- Z1** Surrogate recovery was above acceptance limits.

## ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.



To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Watertown Division  
602 Commerce Drive  
Watertown, WI 53094  
Phone 920-261-1660 or 800-833-7036  
Fax 920-261-8120

**TestAmerica**  
ANALYTICAL TESTING CORPORATION

Client Name: Summit Environmental Solutions  
Address: 1817 Brandon Blvd N  
Strat, MN 55108  
City/State/Zip Code: Strat, MN 55108  
Project Manager: Bruce Johnson  
Telephone Number: 651-842-4204  
Fax: 651-647-0888  
Sampler Name (Print Name): Daniel E. H. [Signature]  
Sampler Signature: [Signature]

Project Name: F m J Conveyer Grout Pills  
Project #: 0353-006  
Site/Location ID: State: MN  
Report To: Bruce Johnson  
Invoices To: [Signature]  
Quote #: PO#:

TAT  
Standard  
Rush (surcharges may apply)  
Date Needed:  
Fax Results: Y N

QC Deliverables  
None  
Level 2  
Level 3  
Level 4  
Other:

Sample ID	Date Sampled	Time Sampled	Matrix	Preservation & # of Containers	Analyze For:	REMARKS
TP001-10-12	8/2/06 13:32	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	1322 mg jars
TP002-18-19	8/3/06 15:38	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	
TP002-30-31.5	8/3/06 17:42	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	
TP004-15-17	8/3/06 9:10	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	
TP005-8-9	8/3/06 10:25	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	
TP006-26	8/3/06 12:42	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	mesh leaked
TP006-31-32.5	8/30/06 12:52	G	St. Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	2	X	

Special Instructions:

LABORATORY COMMENTS:  
Init Lab Temp:  
Rec Lab Temp: 20°C

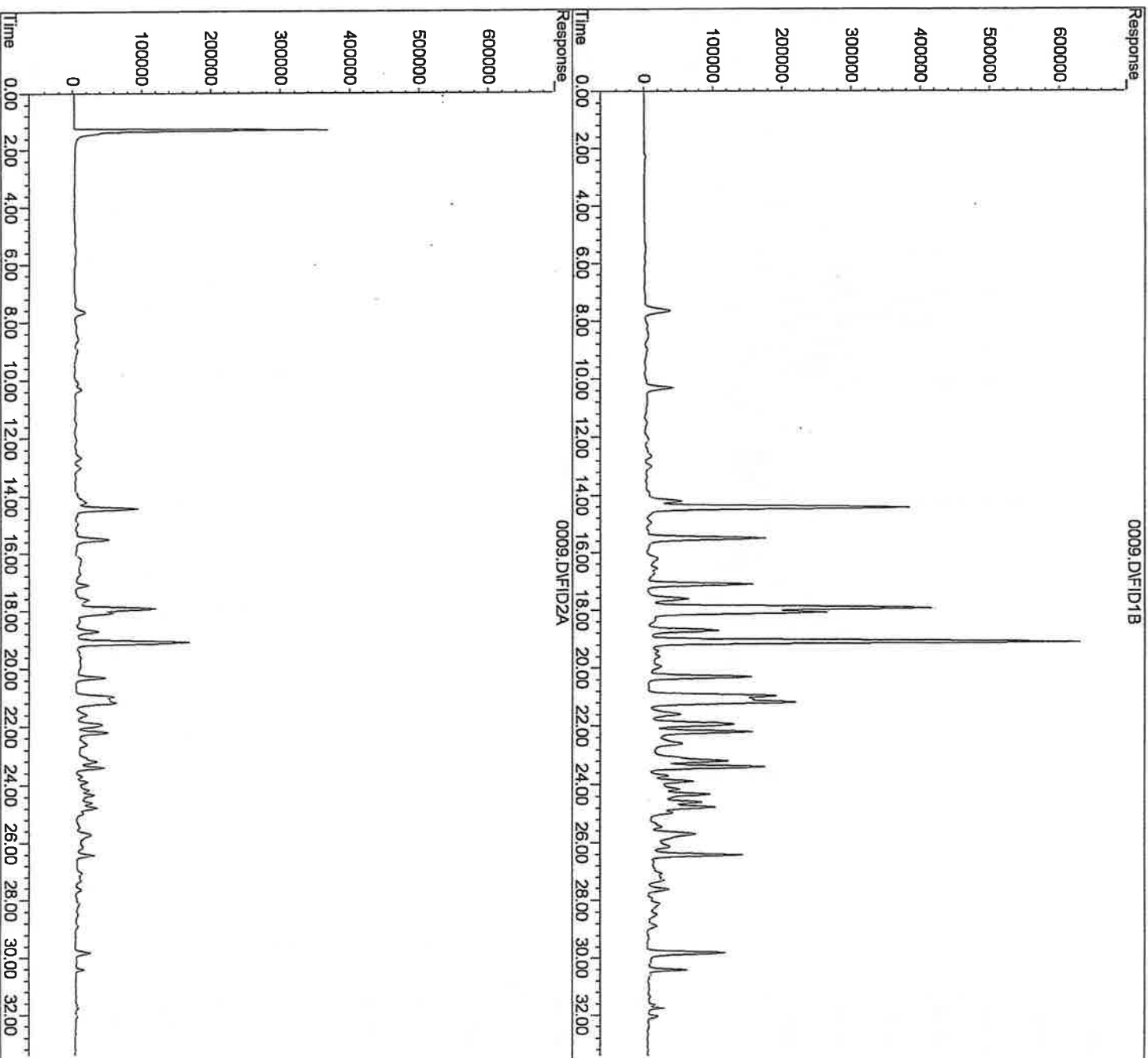
Custody Seals: (Y) N (N/A) N  
Bottles Supplied by Test America: (Y) N

Method of Shipment: F/K SF

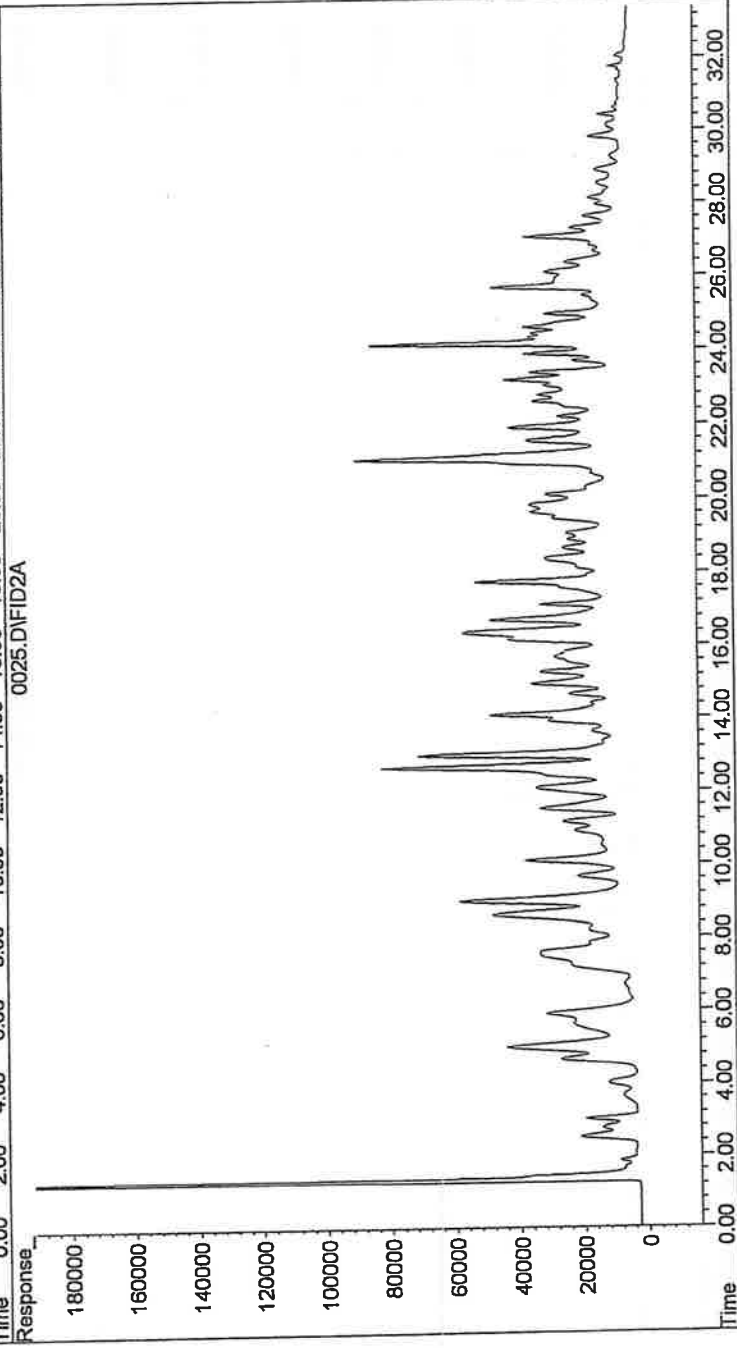
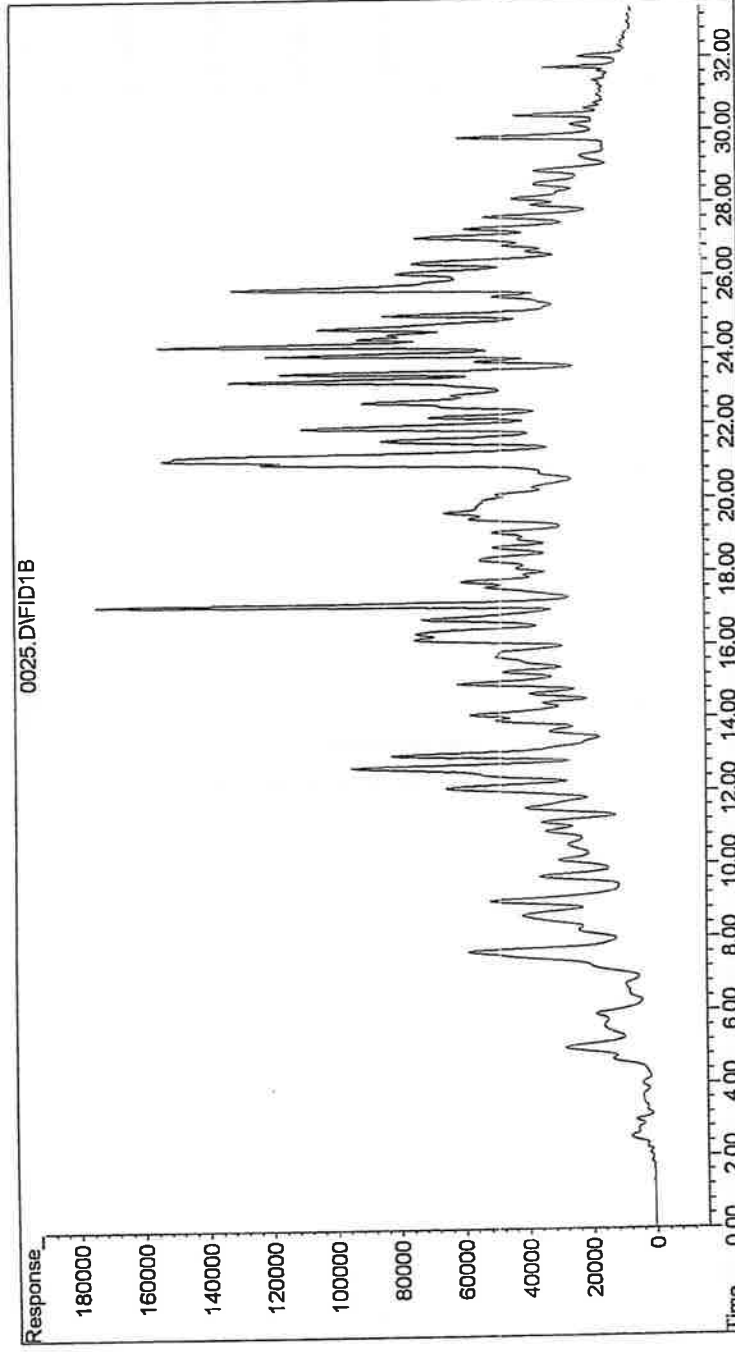
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R 8/17/06

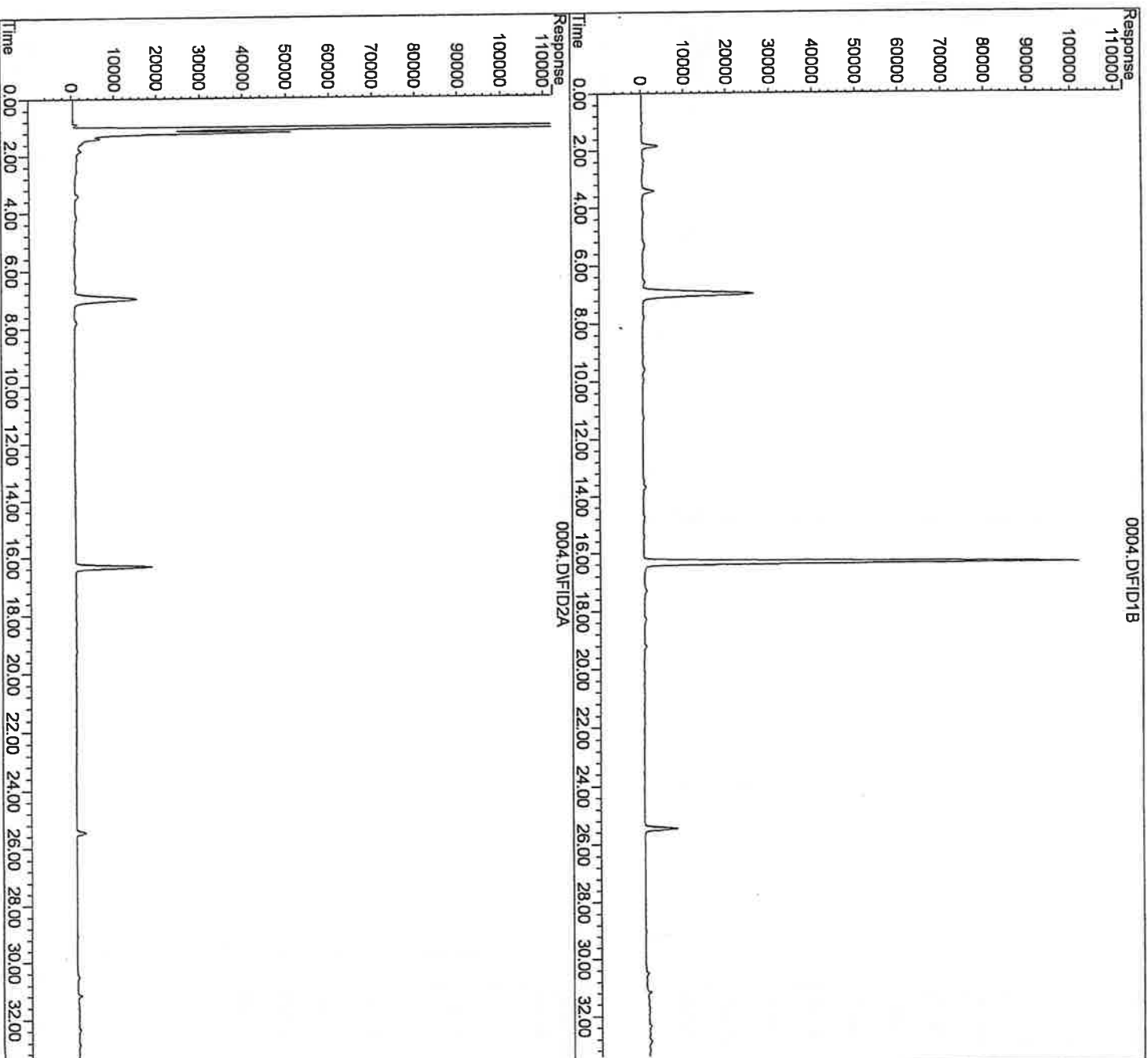
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Operator : EML  
Acquired : 9 Aug 2006 5:30 pm using AcqMethod PIDACQ.M  
Instrument : HP2  
Sample Name: WPH0261-01RE1  
Misc Info : 10X  
Vial Number: 9



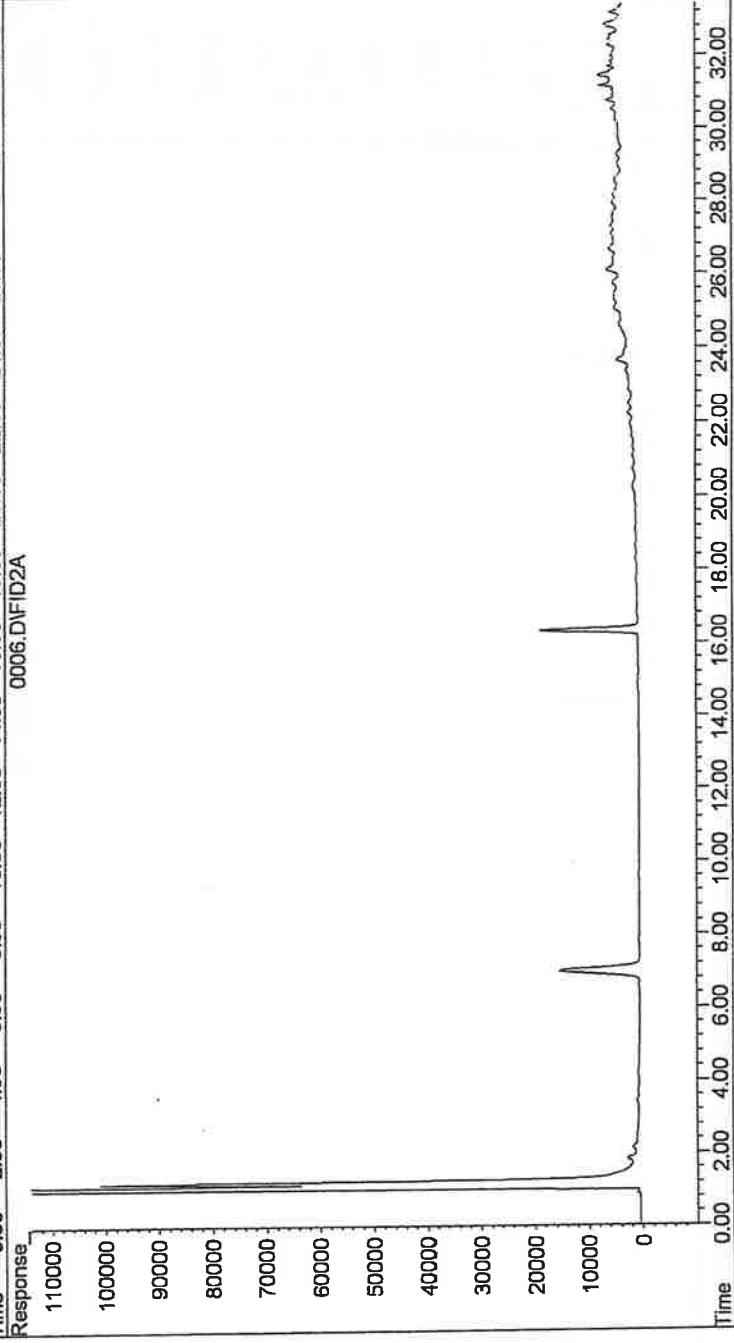
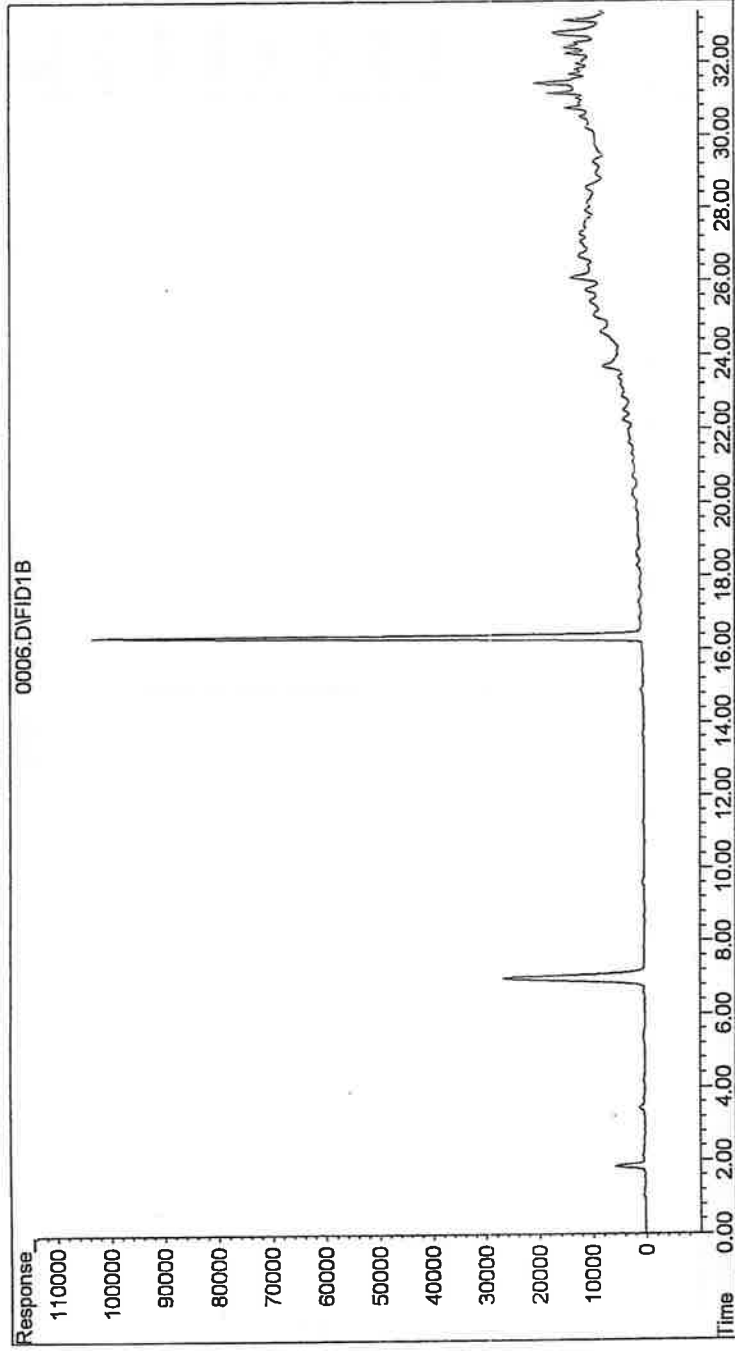
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Operator : EML  
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Instrument : HP2  
Sample Name: WPH0261-02  
Misc Info :  
Vial Number: 25



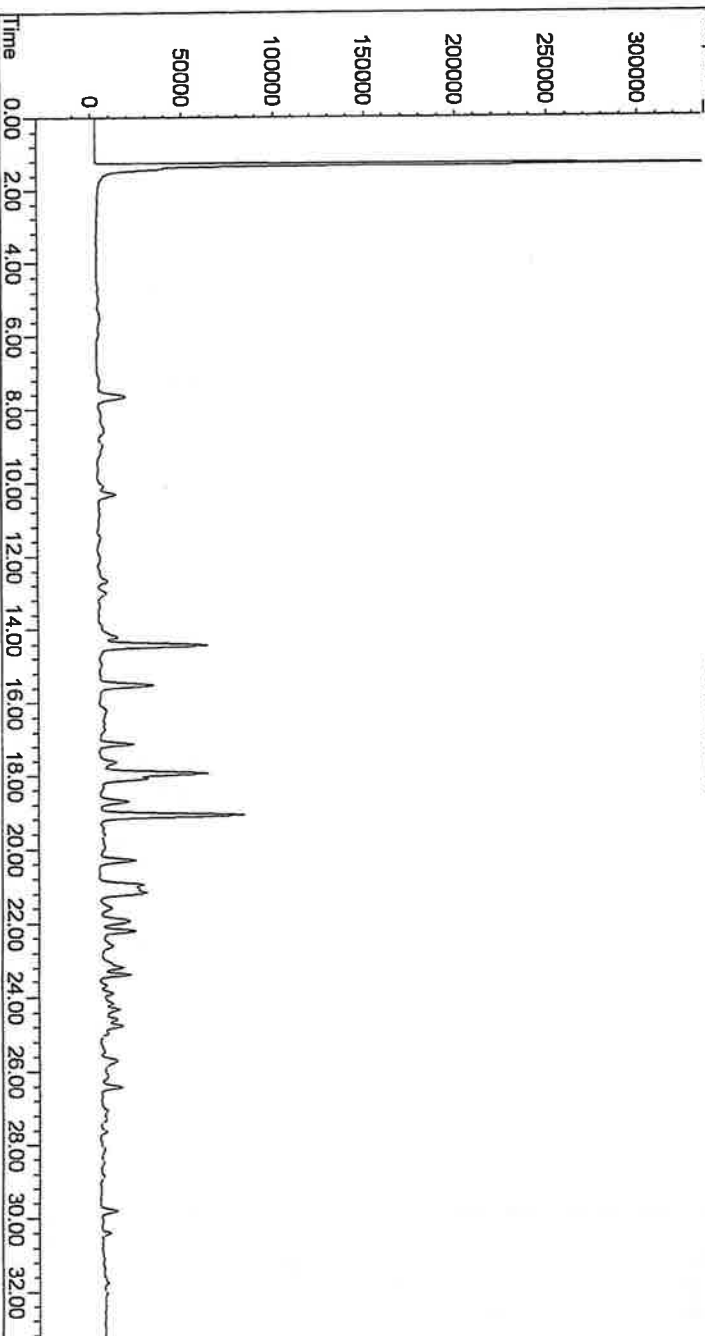
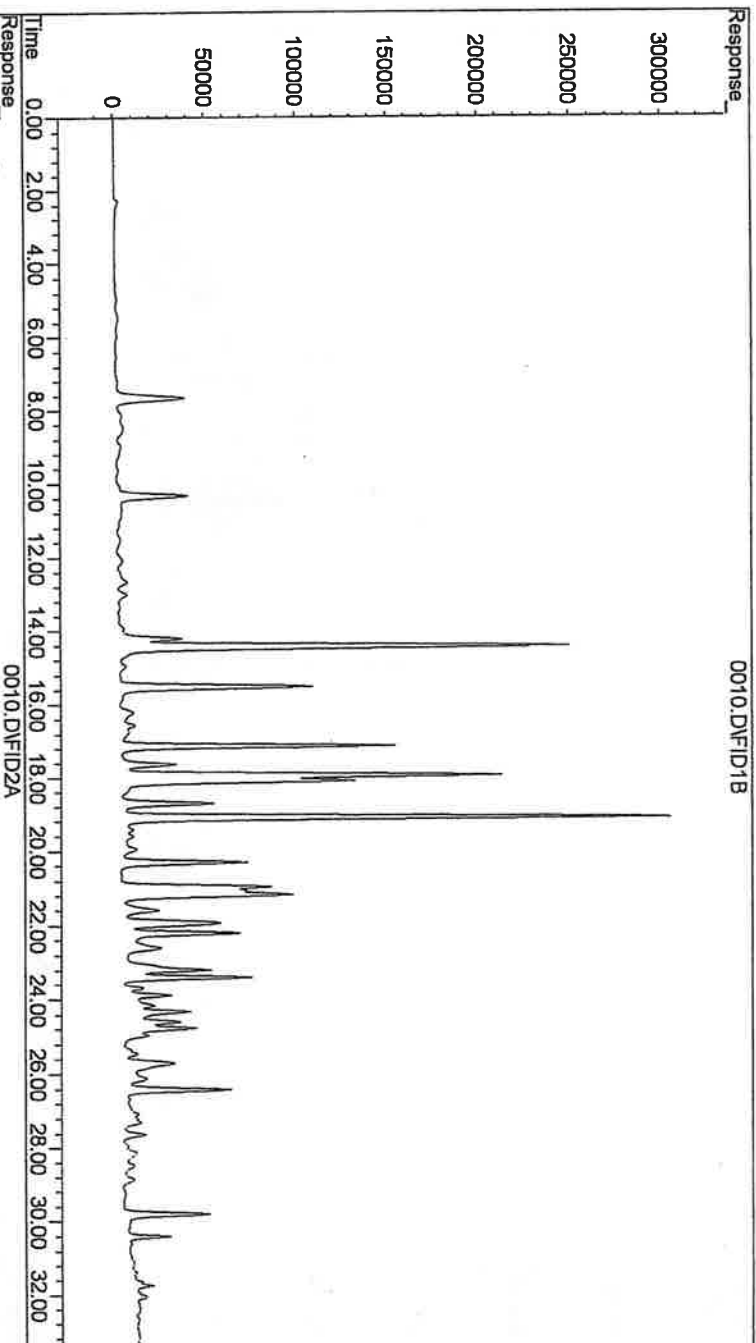
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Instrument : PT  
Sample Name : WPH0261-03  
Misc Info :  
Vial Number: 4



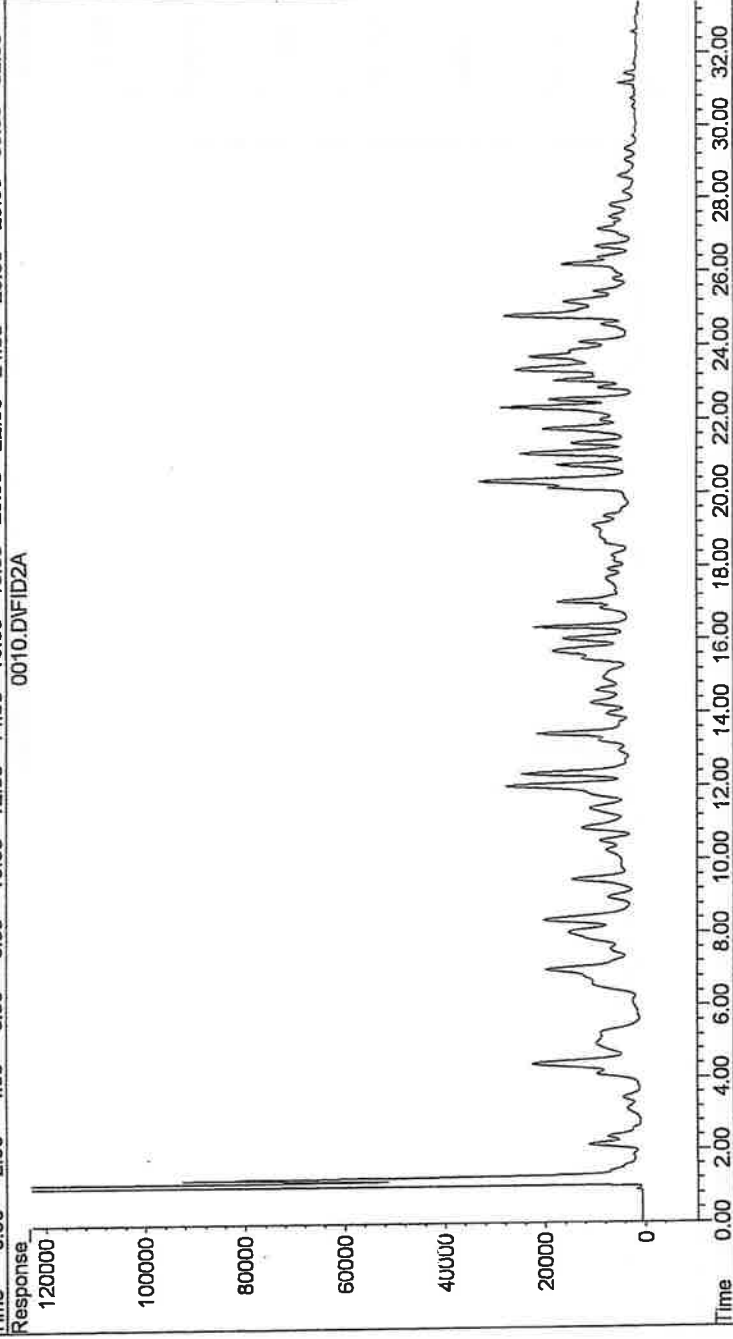
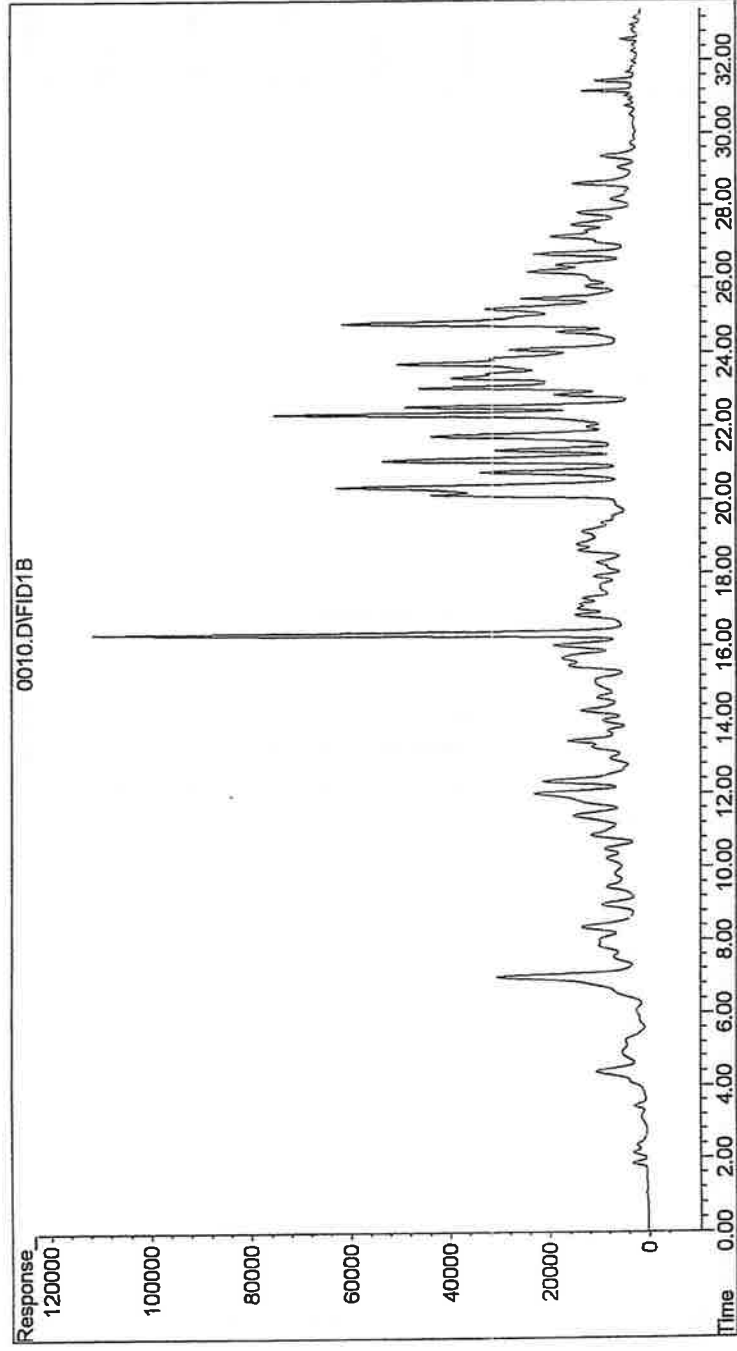
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Operator : EML  
Acquired : 8 Aug 2006 2:24 pm using AcqMethod PIDACQ.M  
Instrument : PT  
Sample Name: WPH0261-04  
Misc Info :  
Vial Number: 6



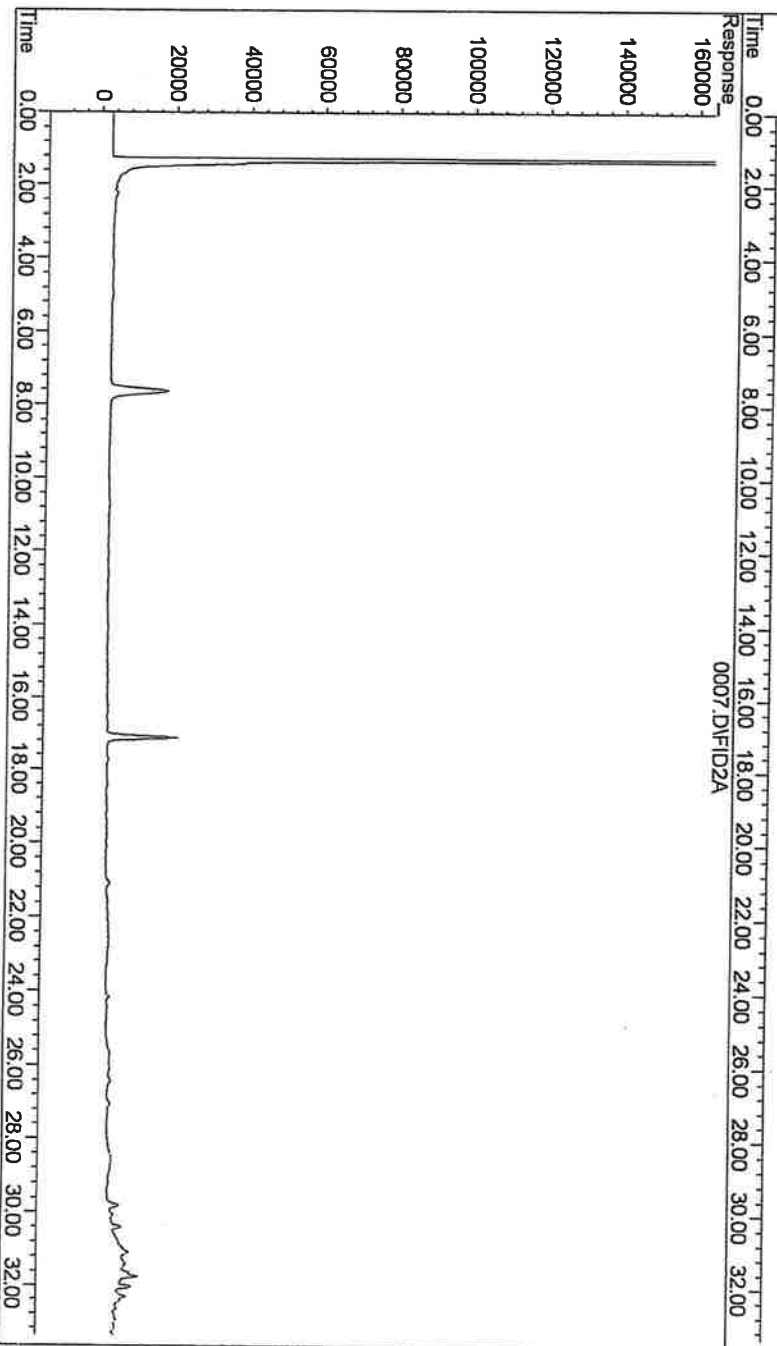
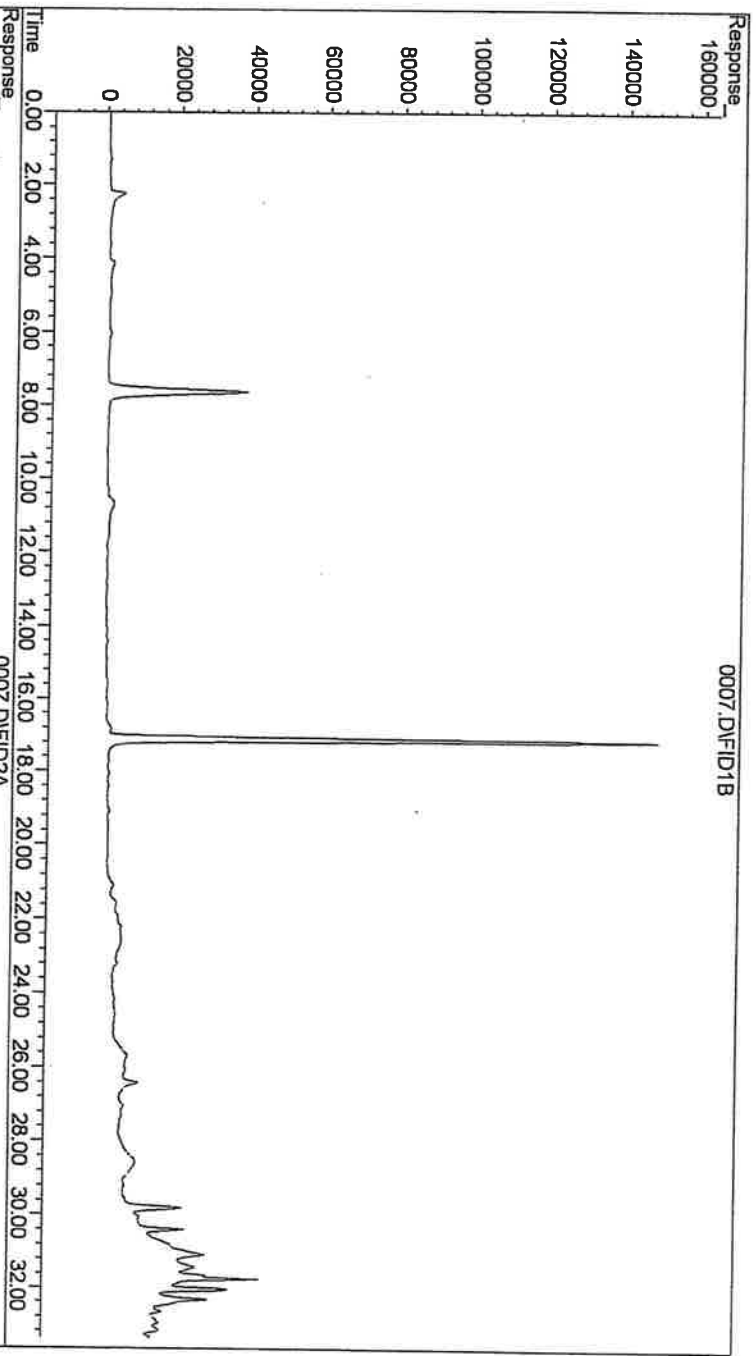
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Operator : EML  
Acquired : 9 Aug 2006 6:11 pm using AcqMethod PIDACQ.M  
Instrument : HP2  
Sample Name: WPH0261-05RE1  
Misc Info : 10X  
Vial Number: 10



File : C:\HPCHEM\2\DATA\080806\0010.D  
Operator : EML  
Acquired : 8 Aug 2006 5:06 pm using AcqMethod PIDACQ.M  
Instrument : PT  
Sample Name: WPH0261-06  
Misc Info :  
Vial Number: 10



File : C:\HPCHEM\1\DATA\080906\0007.D  
Operator : EML  
Acquired : 9 Aug 2006 4:08 pm using AcqMethod PIDACQ.M  
Instrument : HP2  
Sample Name : WPH0261-07RE1  
Misc Info :  
Vial Number: 7





November 13, 2006

Client: SUMMIT ENVIRONMENTALS  
1217 Bandana Blvd. North  
St. Paul, MN 55108

Work Order: WPJ1112  
Project Name: KMJ Convenience - Granite Falls, MN  
Project Number: 0353-006

Attn: Mr. Bruce Johnson  
Date Received: 10/27/06

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
TP007 24'	WPJ1112-01	10/23/06 13:55
TP008 14'	WPJ1112-02	10/23/06 15:07
TP008A 32'	WPJ1112-03	10/23/06 17:50
TP008A W	WPJ1112-04	10/24/06 12:00
TP009 27'	WPJ1112-05	10/24/06 10:15
TP010 29.5'	WPJ1112-06	10/24/06 12:15
TP009 29.5'	WPJ1112-07	10/24/06 11:05
TP011 3'	WPJ1112-08	10/24/06 13:00
TP012 11'	WPJ1112-09	10/24/06 13:28
Trip Blank	WPJ1112-10	10/24/06

**Case Narrative: Amended Report**

**Project description amended.**

Samples were received into laboratory at a temperature of 2 °C.

The reported results were obtained in compliance with the 2003 NIELAC standards unless otherwise noted.

The Chain of Custody, 1 page, is included and is an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PYOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica - Watertown, WI  
Brian DeJong For Dan F. Milewsky  
Project Manager

SUMMIT ENVIROSOLUTIONS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPJ1112  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 10/27/06  
Reported: 11/13/06 14:55

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPJ1112-01 (TP007 24' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	96		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<5.7		mg/kg dry	5.0	1.1	10/30/06 22:50	EML	6100918	WDNR GRO
Benzene	<29		ug/kg dry	25	1.1	10/30/06 22:50	EML	6100918	SW 8020
Ethylbenzene	<29		ug/kg dry	25	1.1	10/30/06 22:50	EML	6100918	SW 8020
Toluene	43		ug/kg dry	25	1.1	10/31/06 19:03	EML	6100970	SW 8020
Xylenes, total	<86		ug/kg dry	75	1.1	10/30/06 22:50	EML	6100918	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<b>Sample ID: WPJ1112-02 (TP008 14' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	94		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<5.3		mg/kg dry	5.0	1	10/31/06 23:46	EML	6100970	WDNR GRO
Benzene	<26		ug/kg dry	25	1	10/31/06 23:46	EML	6100970	SW 8020
Ethylbenzene	<26		ug/kg dry	25	1	10/31/06 23:46	EML	6100970	SW 8020
Toluene	66		ug/kg dry	25	1	10/31/06 23:46	EML	6100970	SW 8020
Xylenes, total	110		ug/kg dry	75	1	10/31/06 23:46	EML	6100970	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<b>Sample ID: WPJ1112-03 (TP008A 32' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	78		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<6.4		mg/kg dry	5.0	1	10/31/06 03:31	EML	6100918	WDNR GRO
Benzene	<32		ug/kg dry	25	1	10/31/06 03:31	EML	6100918	SW 8020
Ethylbenzene	<32		ug/kg dry	25	1	10/31/06 03:31	EML	6100918	SW 8020
Toluene	<32		ug/kg dry	25	1	10/31/06 03:31	EML	6100918	SW 8020
Xylenes, total	<96		ug/kg dry	75	1	10/31/06 03:31	EML	6100918	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUMMIT ENVIRONMENTALS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPJ1112

Project: KMJ Convenience - Granite Falls,

Project Number: 0353-006

Received: 10/27/06

Reported: 11/13/06 14:55

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
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Sample ID: WPJ1112-04 (TP008A W - Ground Water)  
UST ANALYSIS PARAMETERS

Sampled: 10/24/06 12:00

Benzene	<0.25		ug/L	0.25	0.88	1	10/30/06 19:14	LG	6100923	WDNR
Ethylbenzene	<0.22		ug/L	0.22	0.76	1	10/30/06 19:14	LG	6100923	WDNR
Toluene	0.23	J	ug/L	0.11	0.36	1	10/30/06 19:14	LG	6100923	WDNR
Xylenes, total	<0.39		ug/L	0.39	1.3	1	10/30/06 19:14	LG	6100923	WDNR
Gasoline Range Organics	<50		ug/L	50	50	1	10/30/06 19:14	LG	6100923	WDNR
Surv: 4-Bromofluorobenzene (80-200%) 99 %										

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPJ1112  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 10/27/06  
Reported: 11/13/06 14:55

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPJ1112-05 (TP009 27' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	96		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	370		mg/kg dry	5.0	10	11/01/06 00:26	EML	6100970	WDNR GRO
Benzene	340		ug/kg dry	25	10	11/01/06 00:26	EML	6100970	SW 8020
Ethylbenzene	3100		ug/kg dry	25	10	11/01/06 00:26	EML	6100970	SW 8020
Toluene	<260		ug/kg dry	25	10	11/01/06 00:26	EML	6100970	SW 8020
Xylenes, total	5600		ug/kg dry	75	10	11/01/06 00:26	EML	6100970	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<b>Sample ID: WPJ1112-06 (TP010 29.5' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	97		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<5.2		mg/kg dry	5.0	1	10/31/06 04:52	EML	6100918	WDNR GRO
Benzene	<26		ug/kg dry	25	1	10/31/06 04:52	EML	6100918	SW 8020
Ethylbenzene	<26		ug/kg dry	25	1	10/31/06 04:52	EML	6100918	SW 8020
Toluene	<26		ug/kg dry	25	1	10/31/06 04:52	EML	6100918	SW 8020
Xylenes, total	<77		ug/kg dry	75	1	10/31/06 04:52	EML	6100918	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<b>Sample ID: WPJ1112-07 (TP009 29.5' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	97		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<5.2		mg/kg dry	5.0	1	10/31/06 05:32	EML	6100918	WDNR GRO
Benzene	<26		ug/kg dry	25	1	10/31/06 05:32	EML	6100918	SW 8020
Ethylbenzene	<26		ug/kg dry	25	1	10/31/06 05:32	EML	6100918	SW 8020
Toluene	<26		ug/kg dry	25	1	10/31/06 05:32	EML	6100918	SW 8020
Xylenes, total	<77		ug/kg dry	75	1	10/31/06 05:32	EML	6100918	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<b>Sample ID: WPJ1112-08 (TP011 3' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	96		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<5.2		mg/kg dry	5.0	1	10/31/06 06:12	EML	6100918	WDNR GRO
Benzene	<26		ug/kg dry	25	1	10/31/06 06:12	EML	6100918	SW 8020
Ethylbenzene	<26		ug/kg dry	25	1	10/31/06 06:12	EML	6100918	SW 8020
Toluene	<26		ug/kg dry	25	1	10/31/06 06:12	EML	6100918	SW 8020
Xylenes, total	<78		ug/kg dry	75	1	10/31/06 06:12	EML	6100918	SW 8020
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>									
<b>Sample ID: WPJ1112-09 (TP012 11' - Solid/Soil)</b>									
General Chemistry Parameters									
% Solids	91		%	NA	1	10/31/06 16:51	KLS	6100950	SW 5035
UST ANALYSIS PARAMETERS									
Gasoline Range Organics	<7.2		mg/kg dry	5.0	1.3	10/30/06 19:29	EML	6100918	WDNR GRO
Benzene	<36		ug/kg dry	25	1.3	10/30/06 19:29	EML	6100918	SW 8020
Ethylbenzene	<36		ug/kg dry	25	1.3	10/30/06 19:29	EML	6100918	SW 8020
Toluene	62		ug/kg dry	25	1.3	10/31/06 20:24	EML	6100970	SW 8020
Xylenes, total	<110		ug/kg dry	75	1.3	10/30/06 19:29	EML	6100918	SW 8020

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUMMIT ENVIRONMENTALSOLUTIONS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPJ11112  
Project: KMI Convenience - Granite Falls,  
Project Number: 0353-006  
Received: 10/27/06  
Reported: 11/13/06 14:55

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
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Sample ID: WPJ1112-09 (TP012 11' - Solid/Soil) - cont.      Sampled: 10/24/06 13:28

UST ANALYSIS PARAMETERS - cont.

Surr: 4-Bromofluorobenzene (80-200%)      111 %

Surr: 4-Bromofluorobenzene (80-200%)      100 %

SUMMIT ENVIROSOLUTIONS  
 1217 Bandana Blvd. North  
 St. Paul, MN 55108  
 Mr. Bruce Johnson

Work Order: WPJ1112  
 Project: KMJ Convenience - Granite Falls,  
 Project Number: 0353-006

Received: 10/27/06  
 Reported: 11/13/06 14:55

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WPJ1112-10 (Trip Blank - Ground Water)</b>										
<b>UST ANALYSIS PARAMETERS</b>										
Benzene	<0.25		ug/L	0.25	0.88	I	10/30/06 16:00	LG	6100923	WDNR
Ethylbenzene	<0.22		ug/L	0.22	0.76	I	10/30/06 16:00	LG	6100923	WDNR
Toluene	<0.11		ug/L	0.11	0.36	I	10/30/06 16:00	LG	6100923	WDNR
Xylenes, total	<0.39		ug/L	0.39	1.3	I	10/30/06 16:00	LG	6100923	WDNR
Gasoline Range Organics	<50		ug/L	50	50	I	10/30/06 16:00	LG	6100923	WDNR
<i>Surr: 4-Bromofluorobenzene (80-200%)</i>										
<b>Sampled: 10/24/06</b>										

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SUMMIT ENVIRONMENTALSOLUTIONS  
1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: W/PJ1112  
Project: KMI Convenience - Granite Falls,  
Project Number: 0353-006  
Received: 10/27/06  
Reported: 11/13/06 14:55

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>UST ANALYSIS PARAMETERS</b>														
Gasoline Range Organics	6100918			mg/kg wet	N/A	5.0	<5.0							
Benzene	6100918			ug/kg wet	N/A	25	<25							
Ethylbenzene	6100918			ug/kg wet	N/A	25	<25							
Toluene	6100918			ug/kg wet	N/A	25	<25							
Xylenes, total	6100918			ug/kg wet	N/A	75	<75							
<i>Surrogate: 4-Bromofluorobenzene</i>														
	6100918			ug/kg wet					103		80-200			
Benzene	6100923			ug/L	0.25	0.88	<0.25							
Ethylbenzene	6100923			ug/L	0.22	0.76	<0.22							
Toluene	6100923			ug/L	0.11	0.36	<0.11							
Xylenes, total	6100923			ug/L	0.39	1.3	<0.39							
<i>Gasoline Range Organics</i>														
	6100923			ug/L	50	50	<50							
<i>Surrogate: 4-Bromofluorobenzene</i>														
	6100923			ug/L					98		80-200			
<i>Gasoline Range Organics</i>														
	6100970			mg/kg wet	N/A	5.0	<5.0							
Benzene	6100970			ug/kg wet	N/A	25	<25							
Ethylbenzene	6100970			ug/kg wet	N/A	25	<25							
Toluene	6100970			ug/kg wet	N/A	25	<25							
Xylenes, total	6100970			ug/kg wet	N/A	75	<75							
<i>Surrogate: 4-Bromofluorobenzene</i>														
	6100970			ug/kg wet					98		80-200			

**SUMMIT ENVIROSOLUTIONS**

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPJ1112

Project: KMJ Convenience - Granite Falls,

Project Number: 0353-006

Received: 10/27/06

Reported: 11/13/06 14:55

**CCV QC DATA**

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	Q
<b>UST ANALYSIS PARAMETERS</b>													
Gasoline Range Organics	6130011		20.000	mg/kg wet	N/A	N/A	17.7		88		80-120		
Benzene	6130011		2000.0	ug/kg wet	N/A	N/A	1820		91		85-115		
Ethylbenzene	6130011		2000.0	ug/kg wet	N/A	N/A	1830		92		85-115		
Toluene	6130011		2000.0	ug/kg wet	N/A	N/A	1810		90		85-115		
Xylenes, total	6130011		6000.0	ug/kg wet	N/A	N/A	5520		92		85-115		
Surrogate: 4-Bromofluorobenzene	6130011			ug/kg wet					104		85-115		
Benzene	6130014		20.000	ug/L	N/A	N/A	19.1		96		80-120		
Benzene	6130014		20.000	ug/L	N/A	N/A	19.1		96		85-115		
Ethylbenzene	6130014		20.000	ug/L	N/A	N/A	18.6		93		85-115		
Ethylbenzene	6130014		20.000	ug/L	N/A	N/A	18.6		93		80-120		
Methyl tert-Butyl Ether	6130014		20.000	ug/L	N/A	N/A	19.4		97		85-115		
Toluene	6130014		20.000	ug/L	N/A	N/A	19.4		97		85-115		
Toluene	6130014		20.000	ug/L	N/A	N/A	19.4		97		80-120		
1,2,4-Trimethylbenzene	6130014		20.000	ug/L	N/A	N/A	17.8		89		85-115		
1,3,5-Trimethylbenzene	6130014		20.000	ug/L	N/A	N/A	18.4		92		85-115		
Xylenes, total	6130014		60.000	ug/L	N/A	N/A	56.9		95		80-120		
Xylenes, total	6130014		60.000	ug/L	N/A	N/A	56.9		95		85-115		
Gasoline Range Organics	6130014		200.00	ug/L	N/A	N/A	190		95		80-120		
Surrogate: 4-Bromofluorobenzene	6130014			ug/L					98		80-120		
Surrogate: 4-Bromofluorobenzene	6130014			ug/L					98		85-115		
Gasoline Range Organics	6131012		20.000	mg/kg wet	N/A	N/A	20.0		100		80-120		
Benzene	6131012		2000.0	ug/kg wet	N/A	N/A	2000		100		85-115		
Ethylbenzene	6131012		2000.0	ug/kg wet	N/A	N/A	2000		100		85-115		
Toluene	6131012		2000.0	ug/kg wet	N/A	N/A	2010		100		85-115		
Xylenes, total	6131012		6000.0	ug/kg wet	N/A	N/A	6070		101		85-115		
Surrogate: 4-Bromofluorobenzene	6131012			ug/kg wet					100		85-115		



# TestAmerica

ANALYTICAL TESTING CORPORATION

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SUMMIT ENVIRO SOLUTIONS

1217 Bandana Blvd. North

St. Paul, MN 55108

Mr. Bruce Johnson

Work Order: WPJ1112

Project: KMJ Convenience - Granite Falls,

Project Number: 0353-006

Received: 10/27/06

Reported: 11/13/06 14:55

## LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	%REC Limits	RPD	RPD Limit	Q
General Chemistry Parameters													
QC Source Sample: WPJ1112-05													
% Solids	6100950	96		%	N/A	N/A	95.1				1	20	
QC Source Sample: WPJ1114-06													
% Solids	6100950	95		%	N/A	N/A	94.8				0	20	

SUMMIT ENVIROSOLUTIONS  
 1217 Bandana Blvd. North  
 St. Paul, MN 55108  
 Mr. Bruce Johnson

Work Order: WPJ1112  
 Project: KMI Convenience - Granite Falls,  
 Project Number: 0353-006

Received: 10/27/06  
 Reported: 11/13/06 14:55

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	Q
<b>UST ANALYSIS PARAMETERS</b>													
Gasoline Range Organics	6100918		50.000	mg/kg wet	N/A	N/A	51.6	51.4	103	103	80-120	0	20
Benzene	6100918		5000.0	ug/kg wet	N/A	N/A	5280	5390	106	108	80-120	2	20
Ethylbenzene	6100918		5000.0	ug/kg wet	N/A	N/A	5340	5420	107	108	80-120	1	20
Toluene	6100918		5000.0	ug/kg wet	N/A	N/A	5270	5370	105	107	80-120	2	20
Xylenes, total	6100918		15000	ug/kg wet	N/A	N/A	15900	16100	106	107	80-120	1	20
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>6100918</i>			ug/kg wet					<i>105</i>	<i>100</i>	<i>80-200</i>		
Benzene	6100923		20.000	ug/L	N/A	N/A	18.8	19.0	94	95	80-120	1	20
Ethylbenzene	6100923		20.000	ug/L	N/A	N/A	18.5	18.4	92	92	80-120	1	20
Toluene	6100923		20.000	ug/L	N/A	N/A	19.2	19.3	96	96	80-120	1	20
Xylenes, total	6100923		60.000	ug/L	N/A	N/A	56.4	56.3	94	94	80-120	0	20
Gasoline Range Organics	6100923		200.00	ug/L	N/A	N/A	186	180	93	90	80-120	3	20
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>6100923</i>			ug/L					<i>98</i>	<i>98</i>	<i>80-200</i>		
Gasoline Range Organics	6100970		50.000	mg/kg wet	N/A	N/A	52.5	51.7	105	103	80-120	2	20
Benzene	6100970		5000.0	ug/kg wet	N/A	N/A	5290	5370	106	107	80-120	2	20
Ethylbenzene	6100970		5000.0	ug/kg wet	N/A	N/A	5310	5370	106	107	80-120	1	20
Toluene	6100970		5000.0	ug/kg wet	N/A	N/A	5330	5400	107	108	80-120	1	20
Xylenes, total	6100970		15000	ug/kg wet	N/A	N/A	15900	16000	106	107	80-120	1	20
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>6100970</i>			ug/kg wet					<i>102</i>	<i>103</i>	<i>80-200</i>		

# TestAmerica

ANALYTICAL TESTING CORPORATION

602 Commerce Drive Watertown, WI 53094 • 800-833-7036 • Fax 920-261-8120

## SUMMIT ENVIRONMENTALS

1217 Bandana Blvd. North  
St. Paul, MN 55108  
Mr. Bruce Johnson

Work Order: WPJ1112  
Project: KMJ Convenience - Granite Falls,  
Project Number: 0353-006

Received: 10/27/06  
Reported: 11/13/06 14:55

### CERTIFICATION SUMMARY

#### TestAmerica - Watertown, WI

Method	Matrix	Nelac	Minnesota
SW 5035	Solid/Soil	X	X
SW 8020	Solid/Soil		
WDNR GRO	Solid/Soil	X	X
WDNR	Water - NonPotable	X	X

### DATA QUALIFIERS AND DEFINITIONS

J Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

### ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

Client Name: Snyder + Bauersoluhans  
 Address: 1217 Bayshore Blvd., N  
St Paul, Minnesota, 55108  
 Project Manager: Bruce Johnson  
 Telephone Number: 651-644-8080  
 Fax: 651-647-0888  
 Sampler Name: (Print Name) Dick Hunter  
 Sampler Signature: [Signature]

Project Name: KMS Great Falls  
 Project #: 0358-006  
 Site/Location ID: \_\_\_\_\_  
 Report To: Bruce Johnson  
 Invoice To: Summit  
 Quote #: \_\_\_\_\_  
 PO#: \_\_\_\_\_

To assist us in using the proper analytical methods,  
 is this work being conducted for regulatory purposes?  
 Compliance Monitoring

WPT112 DM

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	Preservation & # of Containers											REMARKS			
						SL - Sludge	DW - Drinking Water	GW - Groundwater	S - Soil/Solid	WW - Wastewater	Specify Other	HNO <sub>3</sub>	HCl	NaOH	H <sub>2</sub> SO <sub>4</sub>	Methanol		None	Other (Specify)	
T007-24	10/23/06	13:55	G		S															X
T008-14		15:07	G		S															X
T008A-32		17:58	G		S															X
T008A-3U	10/24/06	12:00	G	N	GW							X								X
T009-27		10:15	G		S															X
T010-29.5		12:15	C		S															X
T009-29.5		11:05	C		S															X
T001-3		13:00	G		S															X
T012-11		13:48	G		S															X
Temp blank					W															X

Retinquished By: <u>[Signature]</u> Date: <u>10/25/06</u> Time: <u>16:25</u>	Retinquished By: <u>[Signature]</u> Date: <u>10-26</u> Time: _____	Retinquished By: <u>[Signature]</u> Date: <u>10/27/06</u> Time: <u>8:30</u>	Method of Shipment: <u>Dunham</u>
Rec Lab Temp: <u>20c</u>	Init Lab Temp: _____	Rec Lab Temp: _____	Custody Seals: <u>Y</u> <u>N</u> Bottles Supplied by Test America: <u>(N/A)</u> <u>Y</u> <u>N</u>

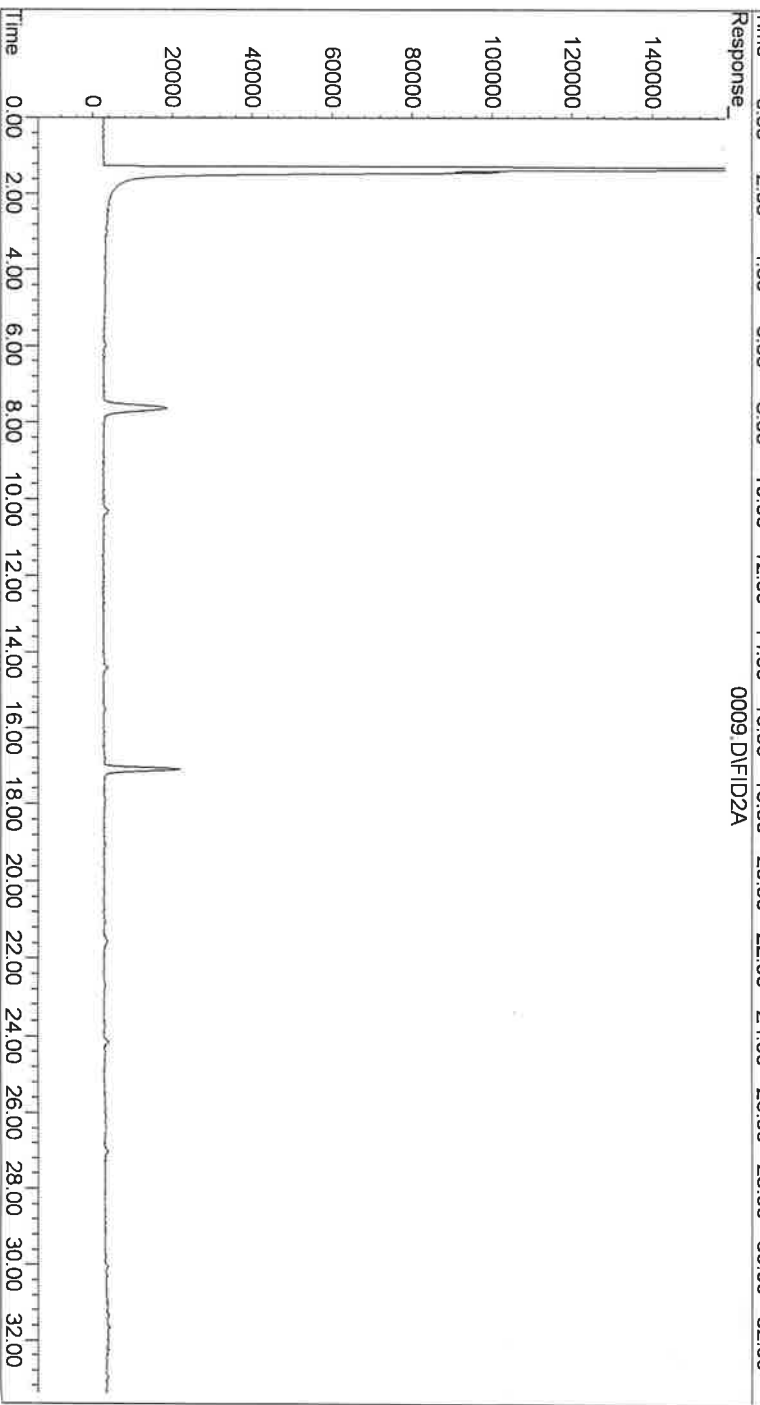
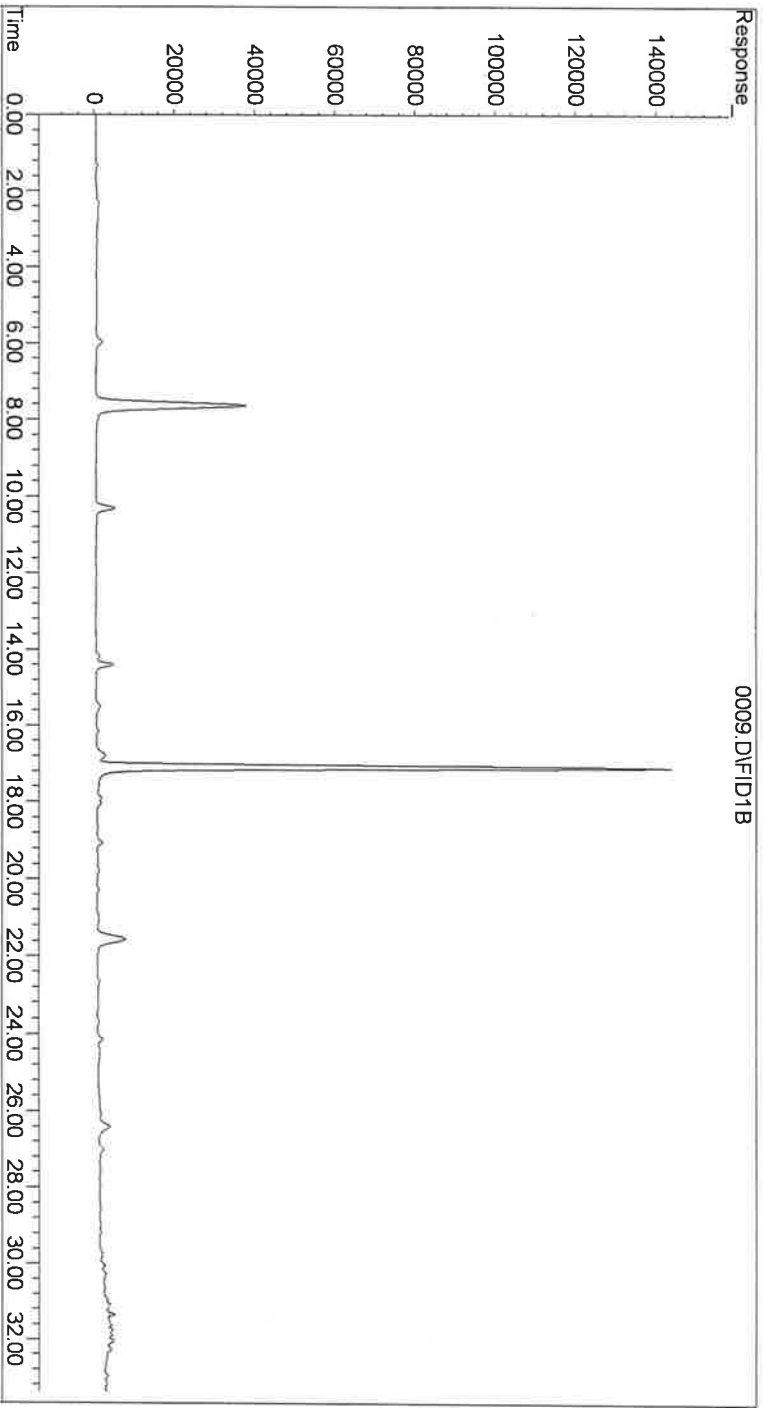
LABORATORY COMMENTS:

10/28/06

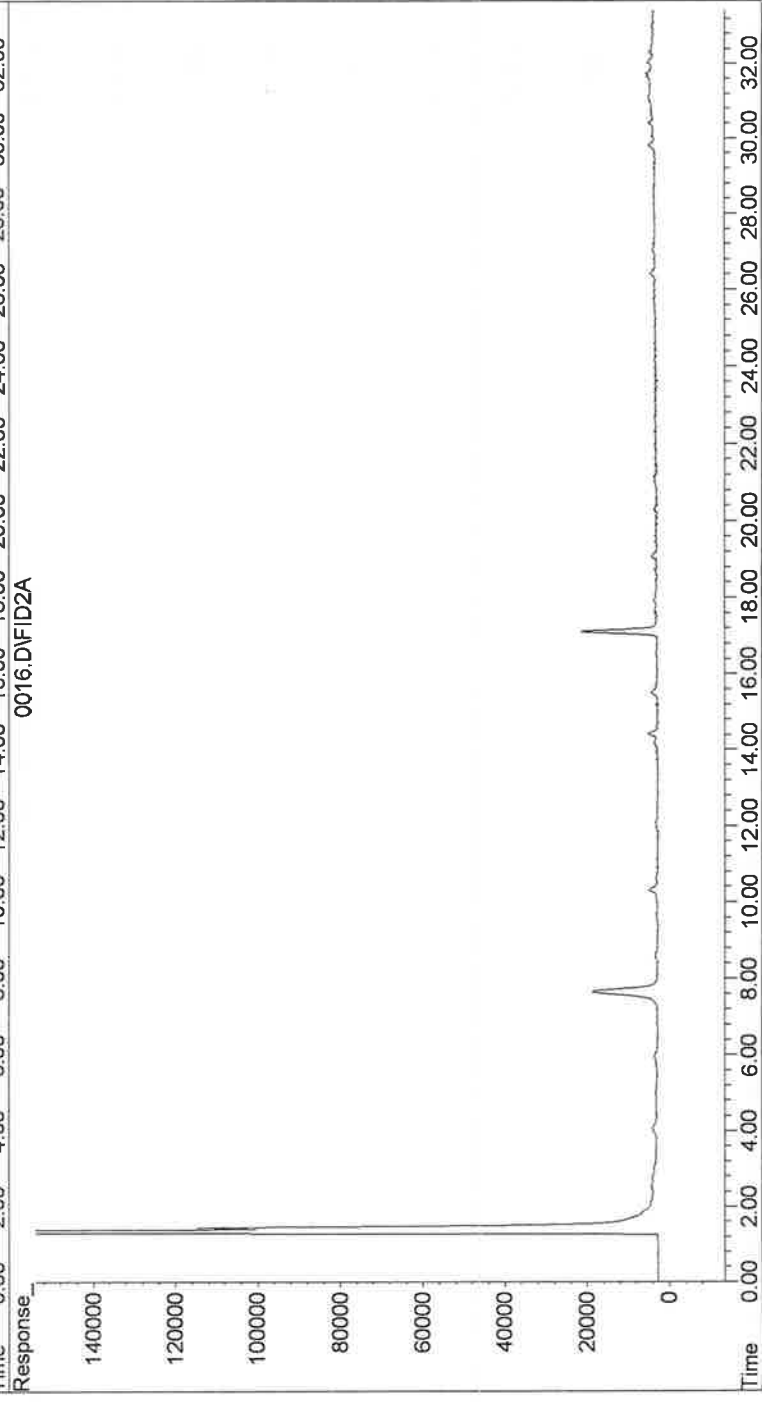
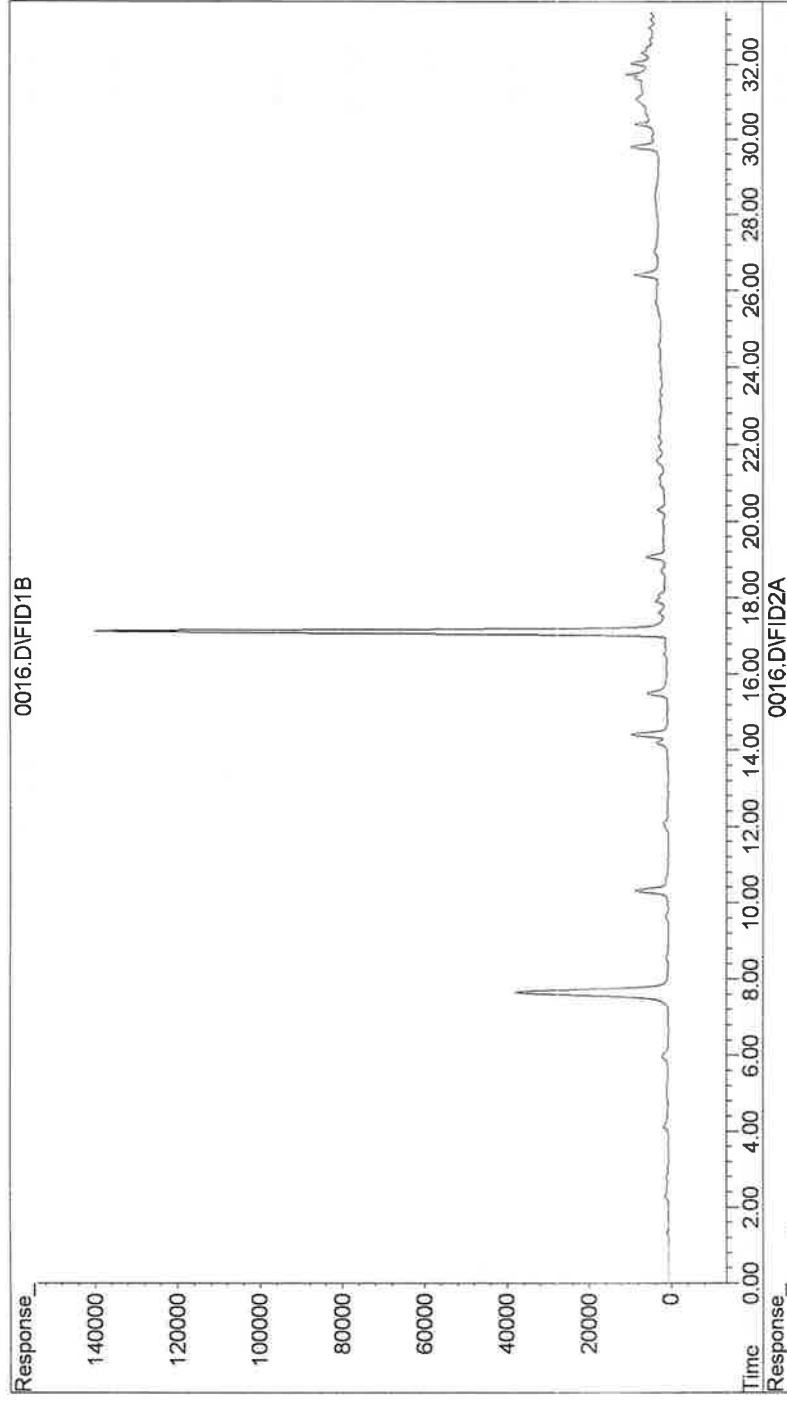
Special instructions: Also Bottle 3 Vials FCC CG

01  
02  
03  
04  
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10

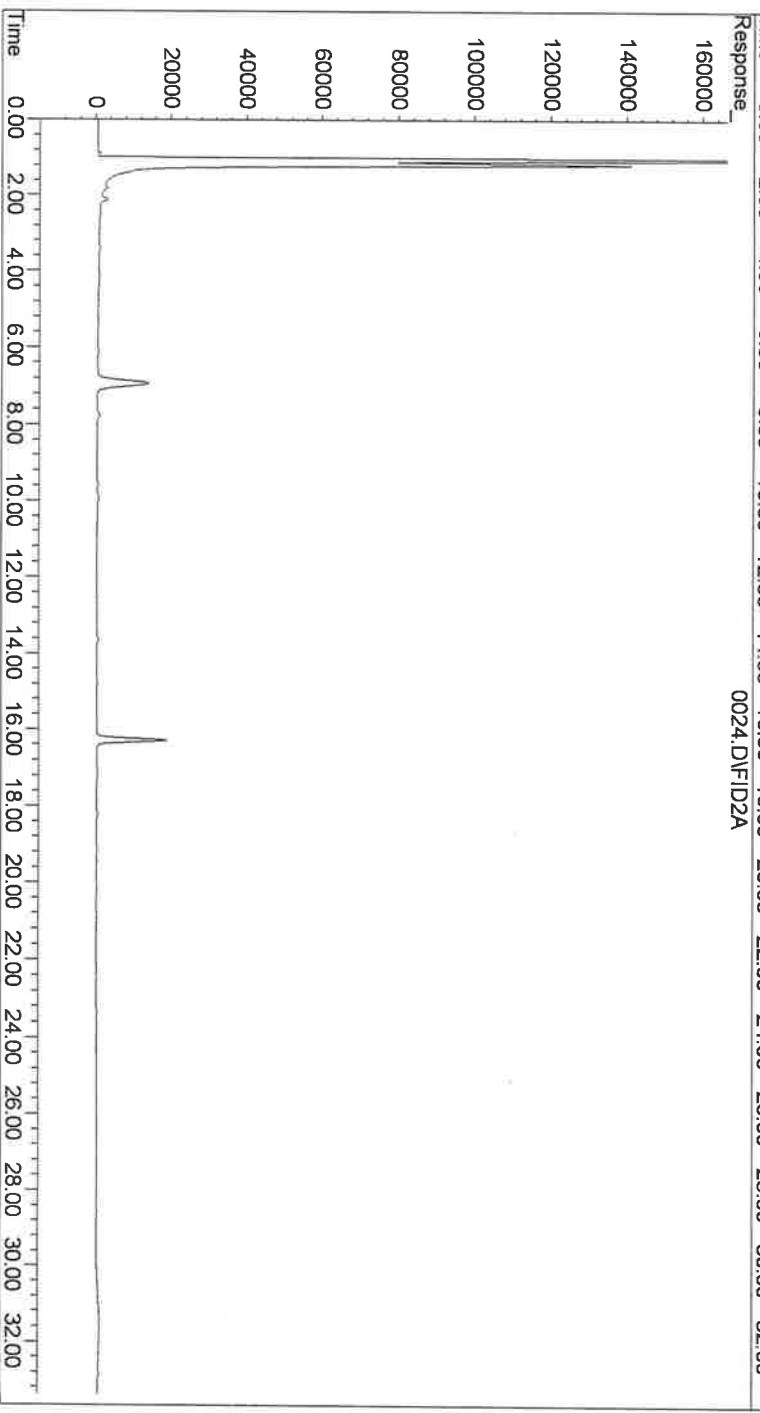
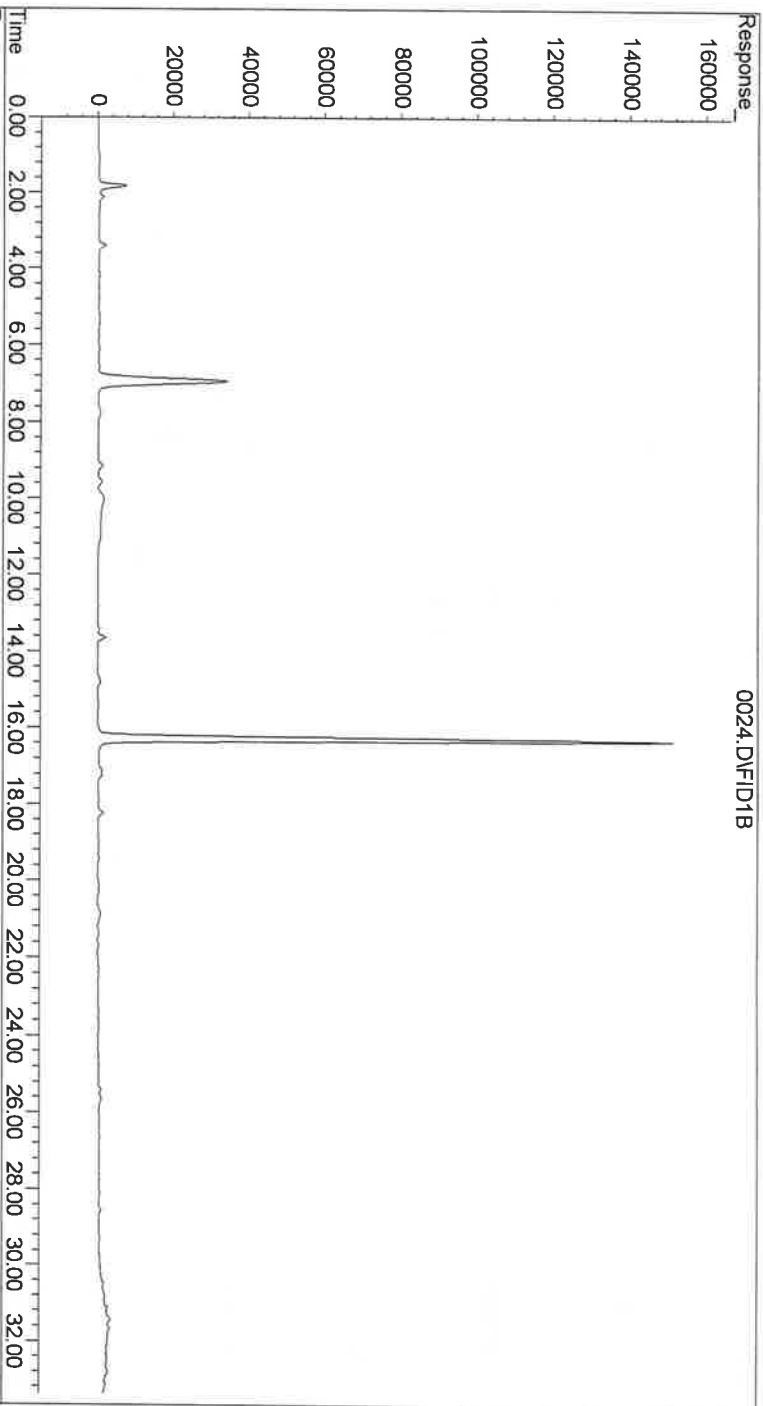
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Operator : EML  
Acquired : 31 Oct 2006 7:03 pm using AcqMethod PIDACQ.M  
Instrument : HP2  
Sample Name: WPT1112-01RE1  
Misc Info : 1.1X  
Vial Number: 9



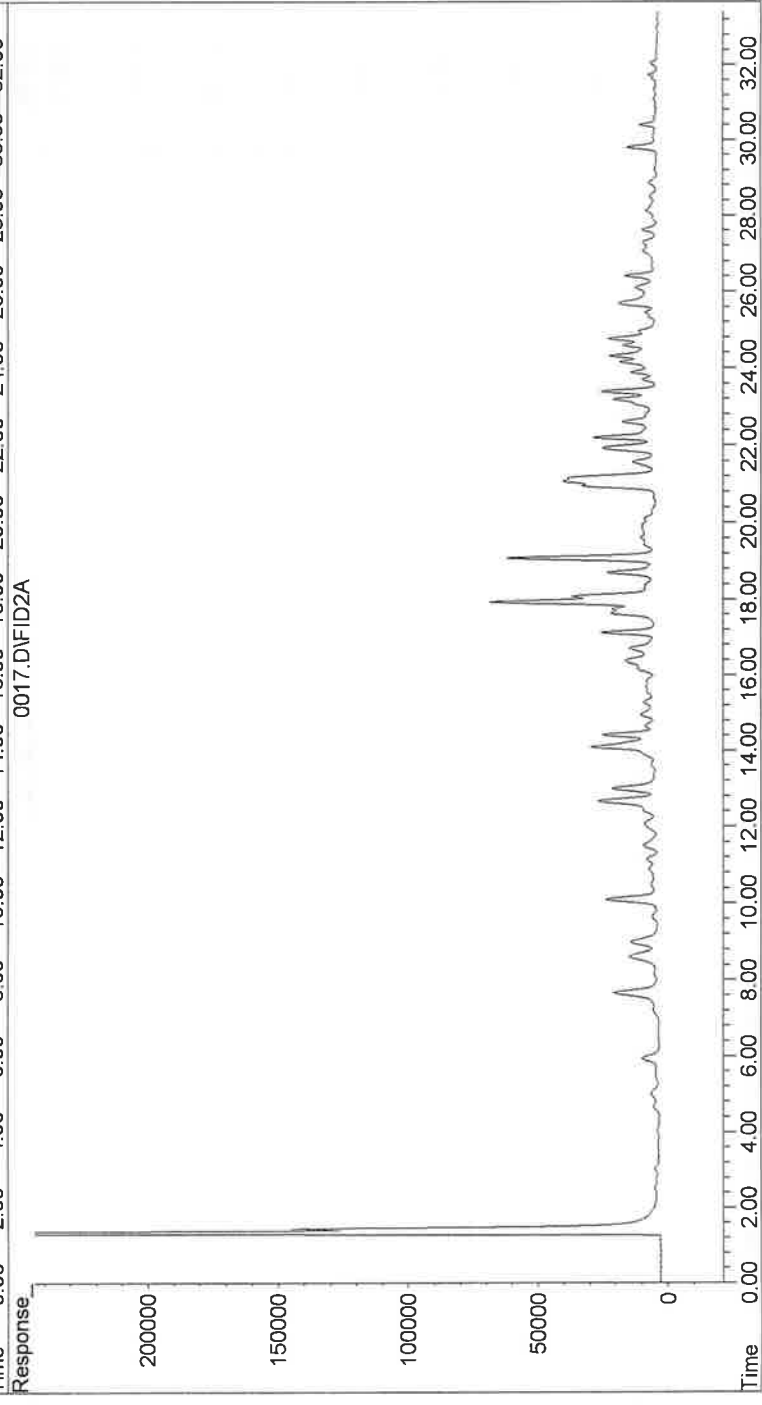
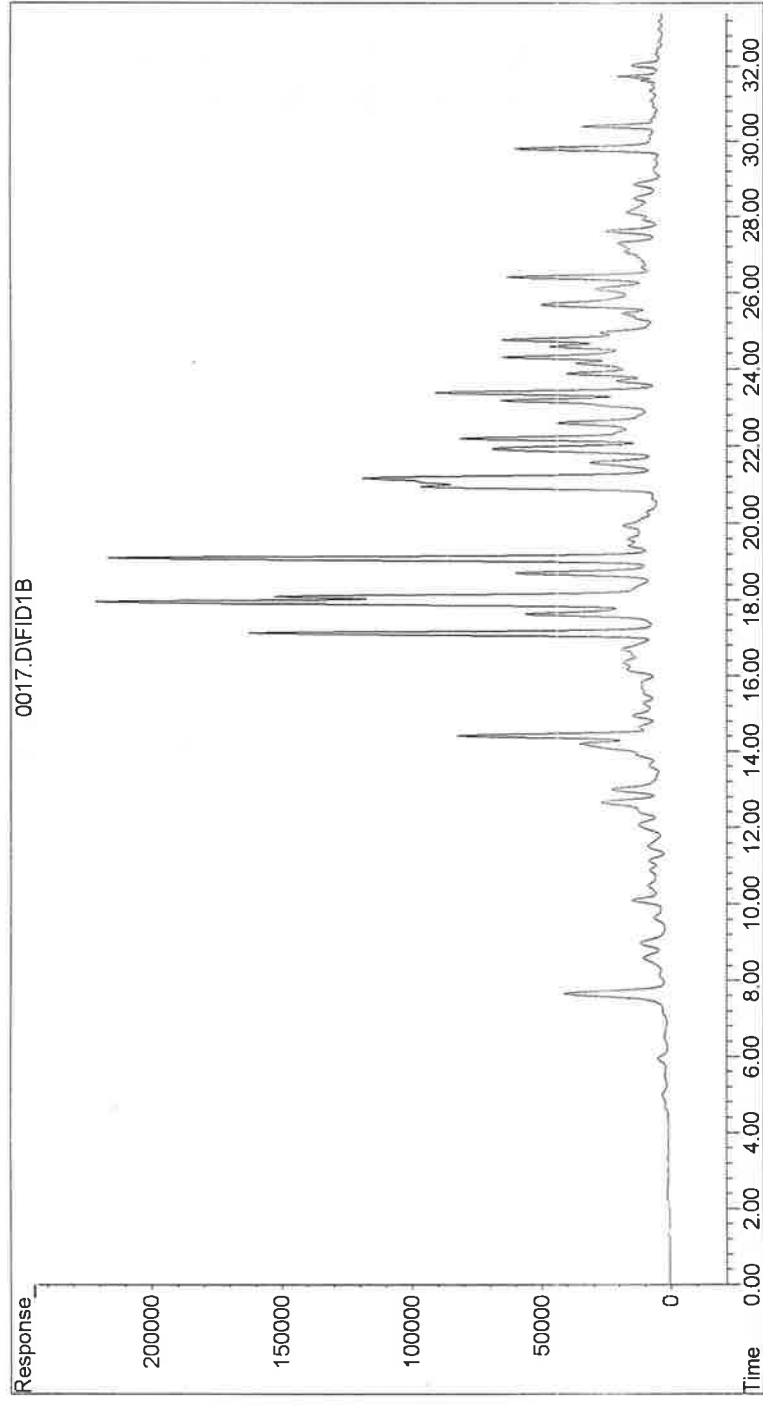
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Instrument : HP2  
Sample Name: WPJ11112-02RE1  
Misc Info :  
Vial Number: 16



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Instrument : PT  
Sample Name : WPJ1112-03  
Misc Info :  
Vial Number: 24

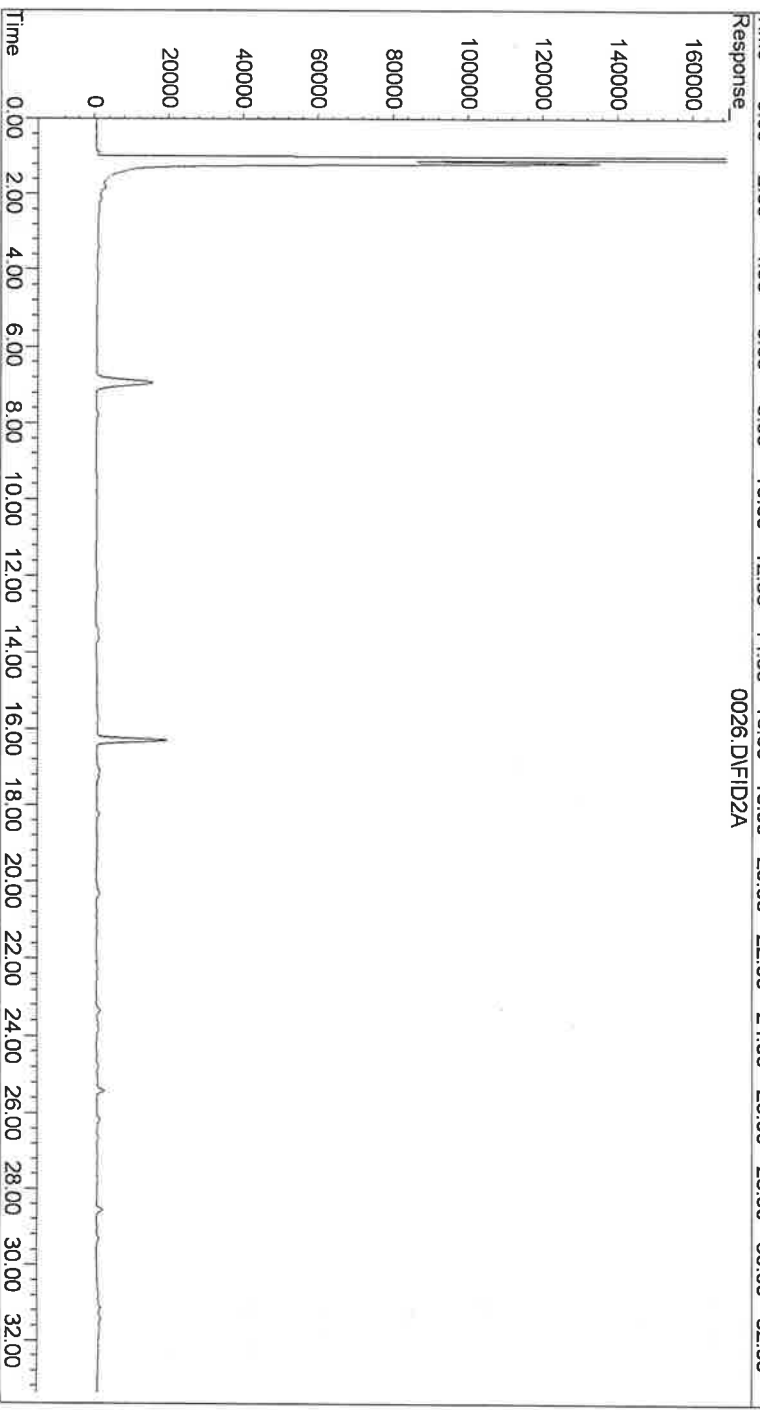
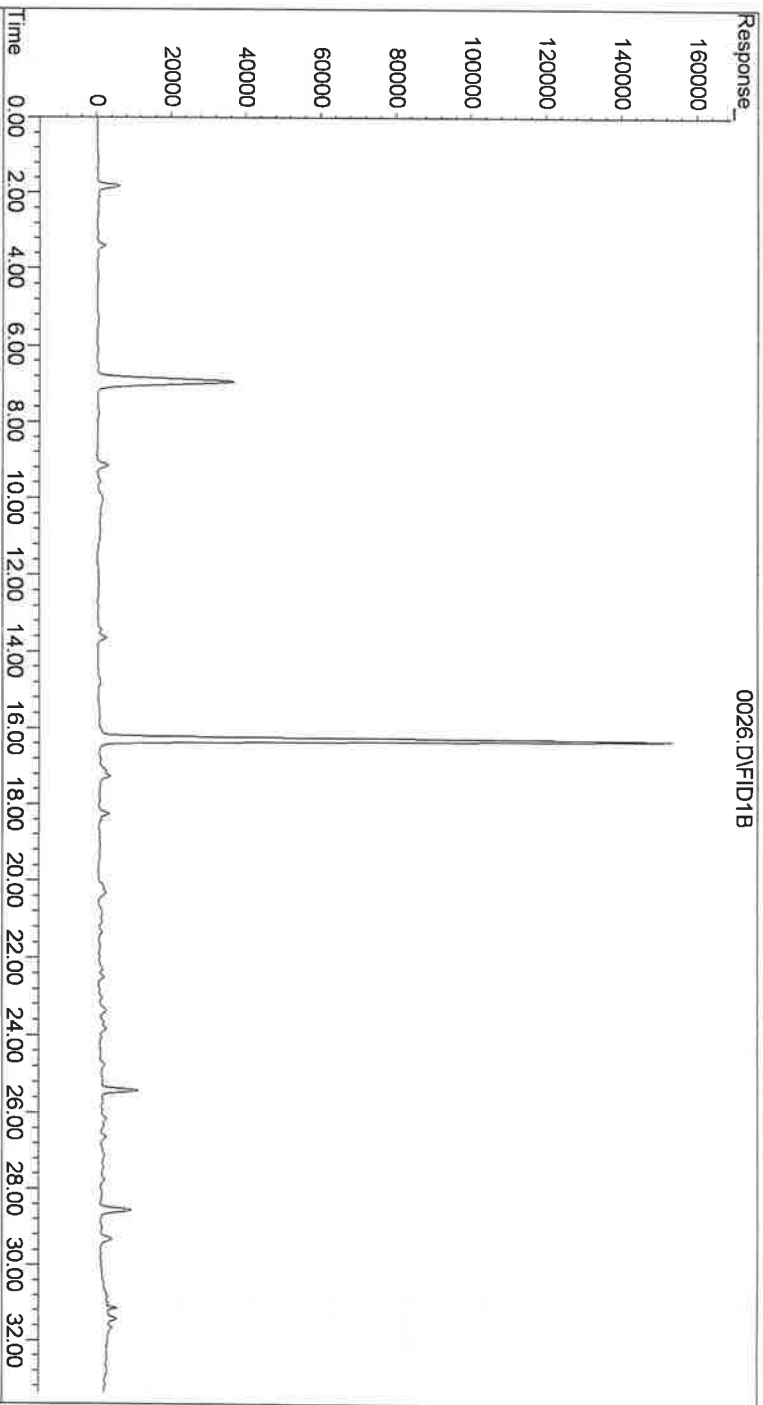


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Instrument : HP2  
Sample Name: WPJ1112-05RE1  
Misc Info : 10X  
Vial Number: 17

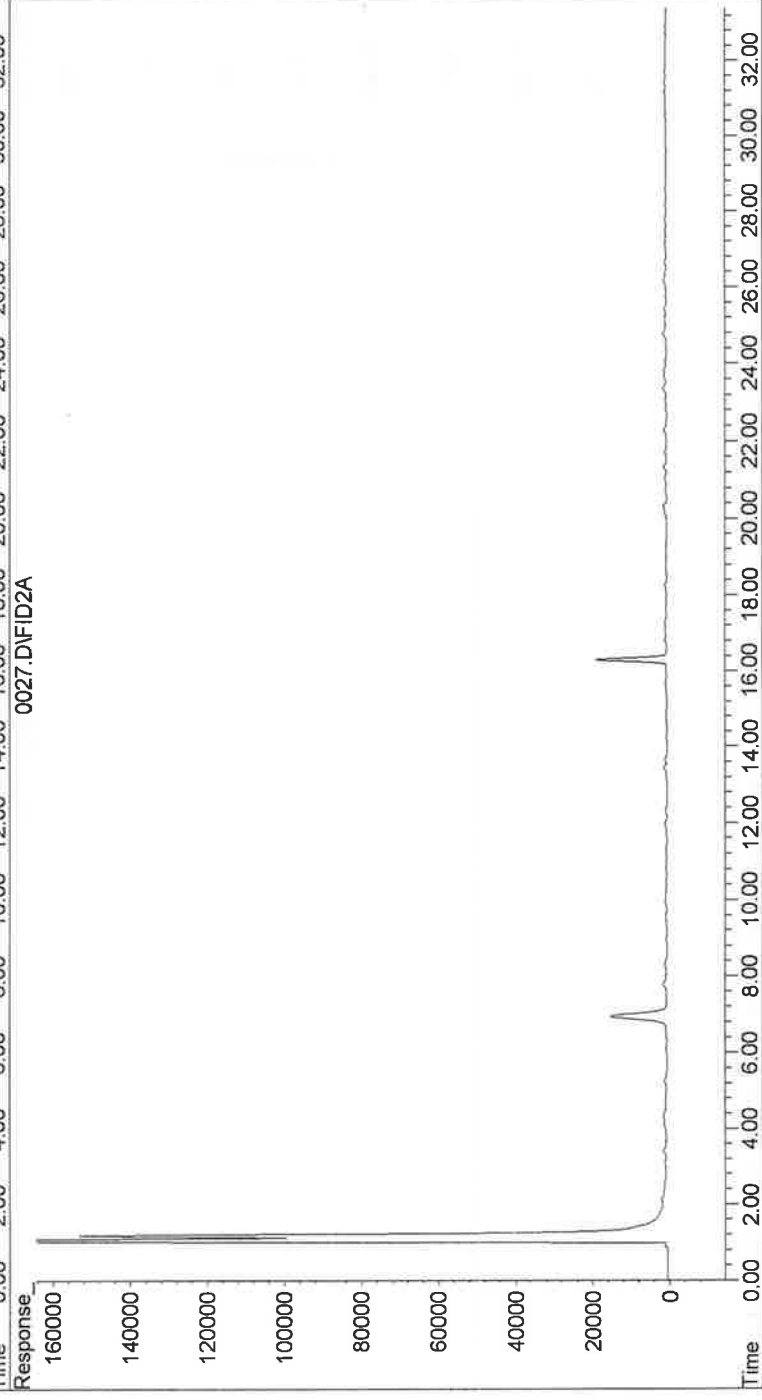
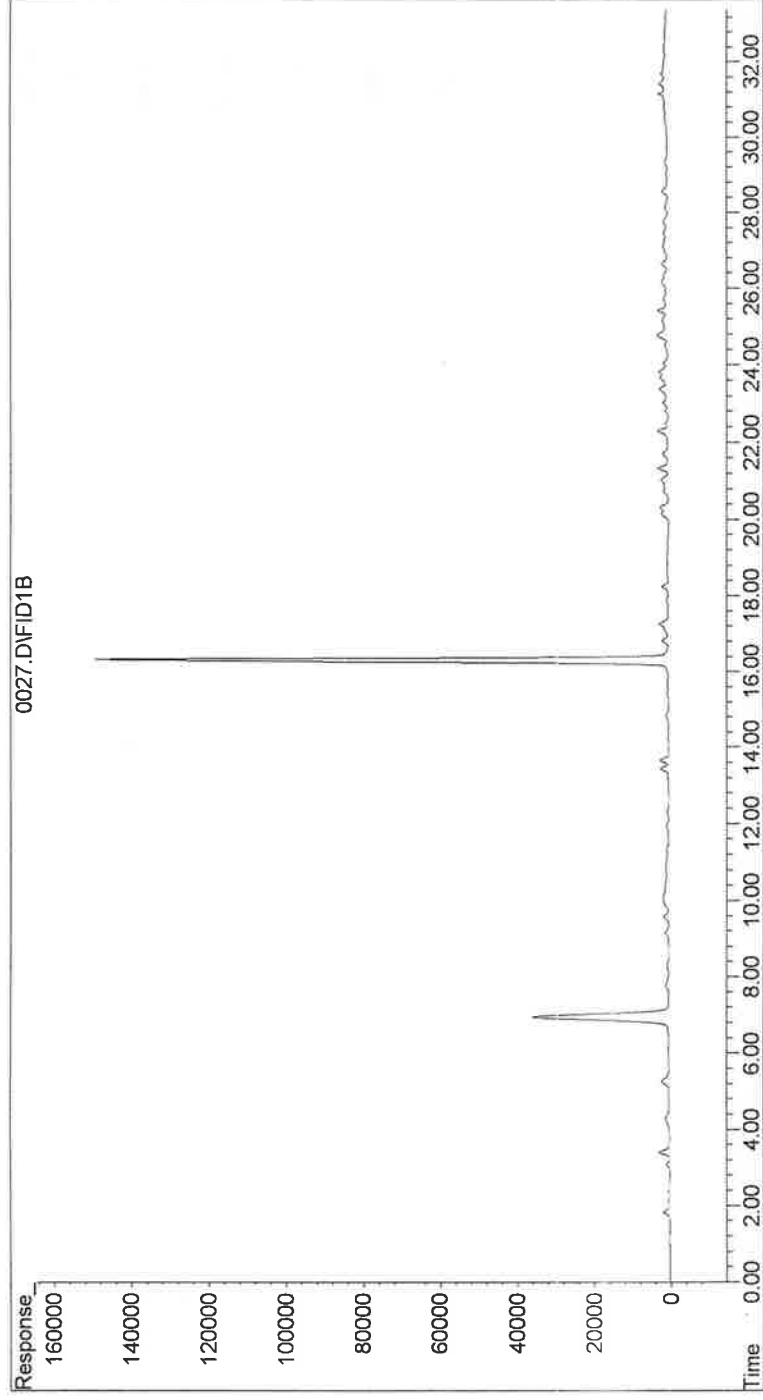




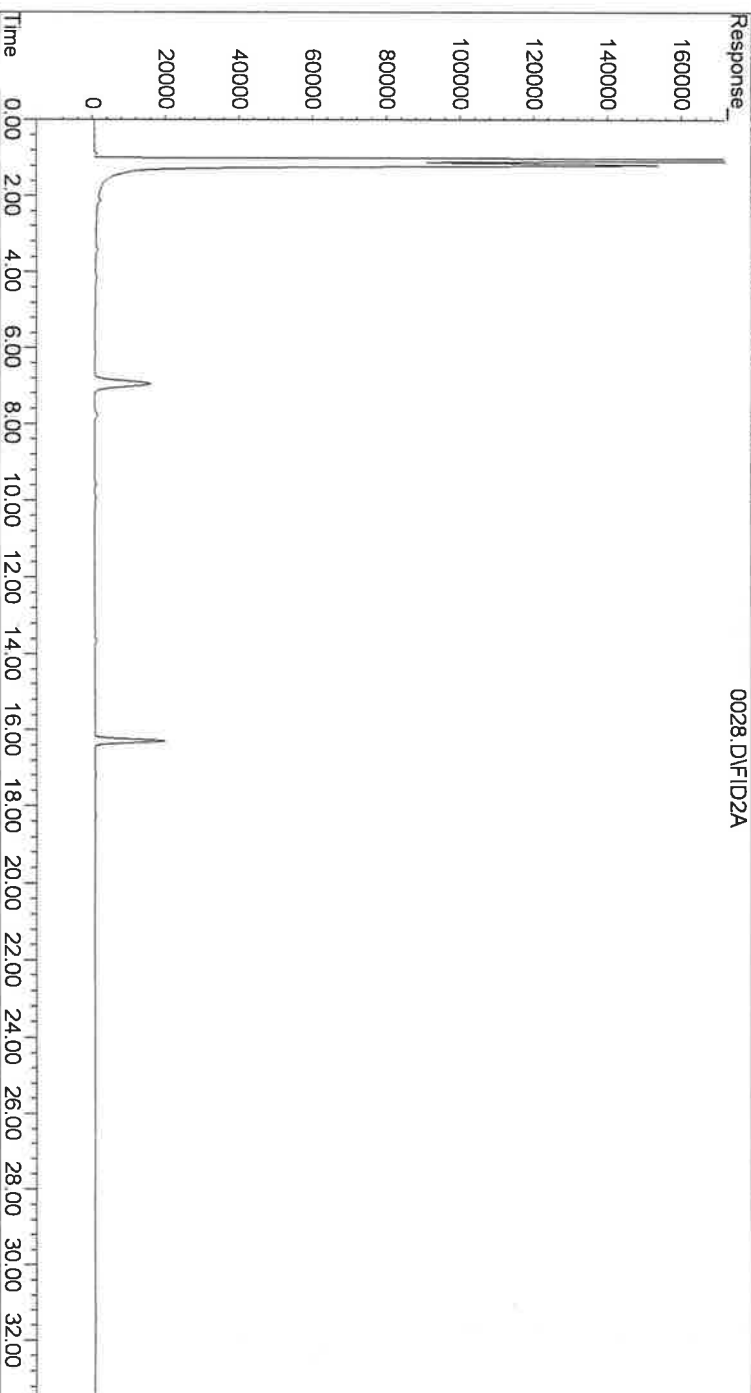
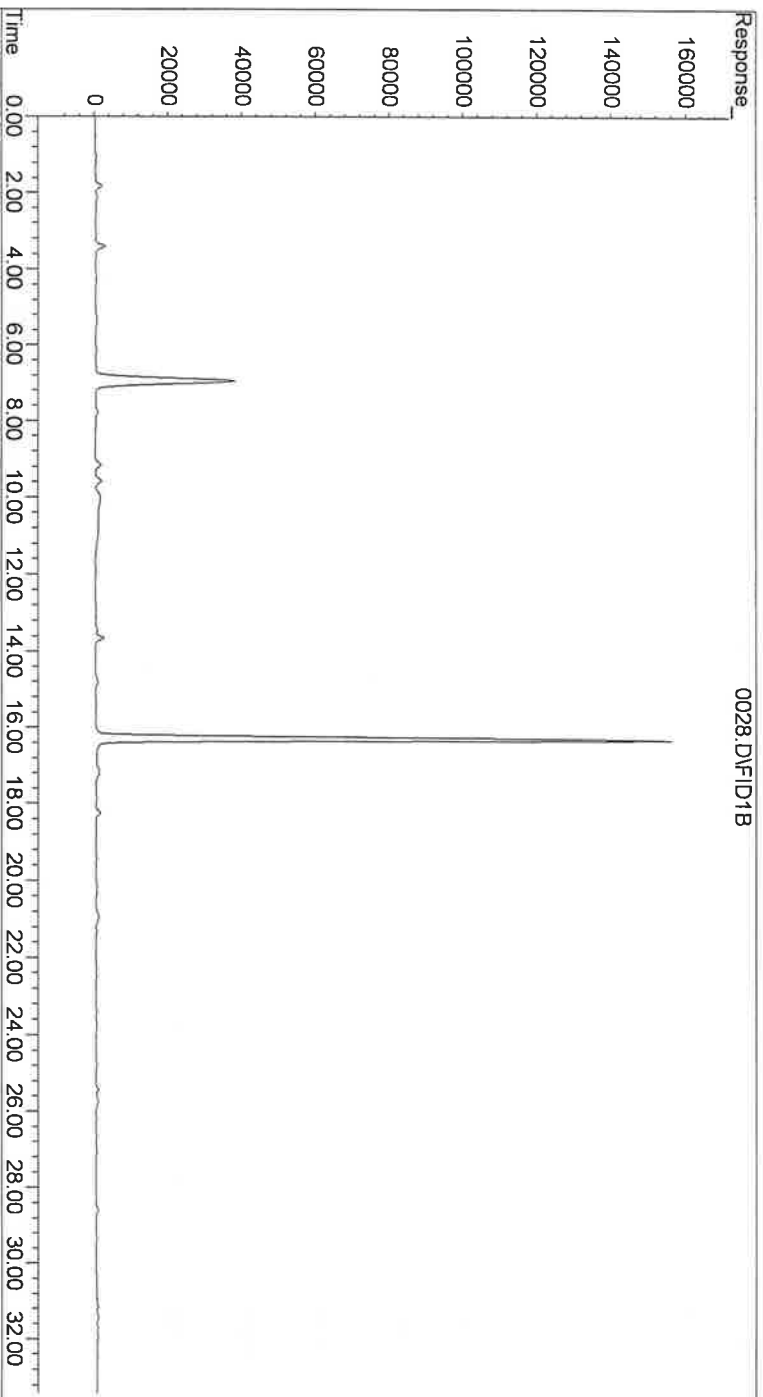
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Instrument : PT  
Sample Name: WPJ1112-06  
Misc Info :  
Vial Number: 26



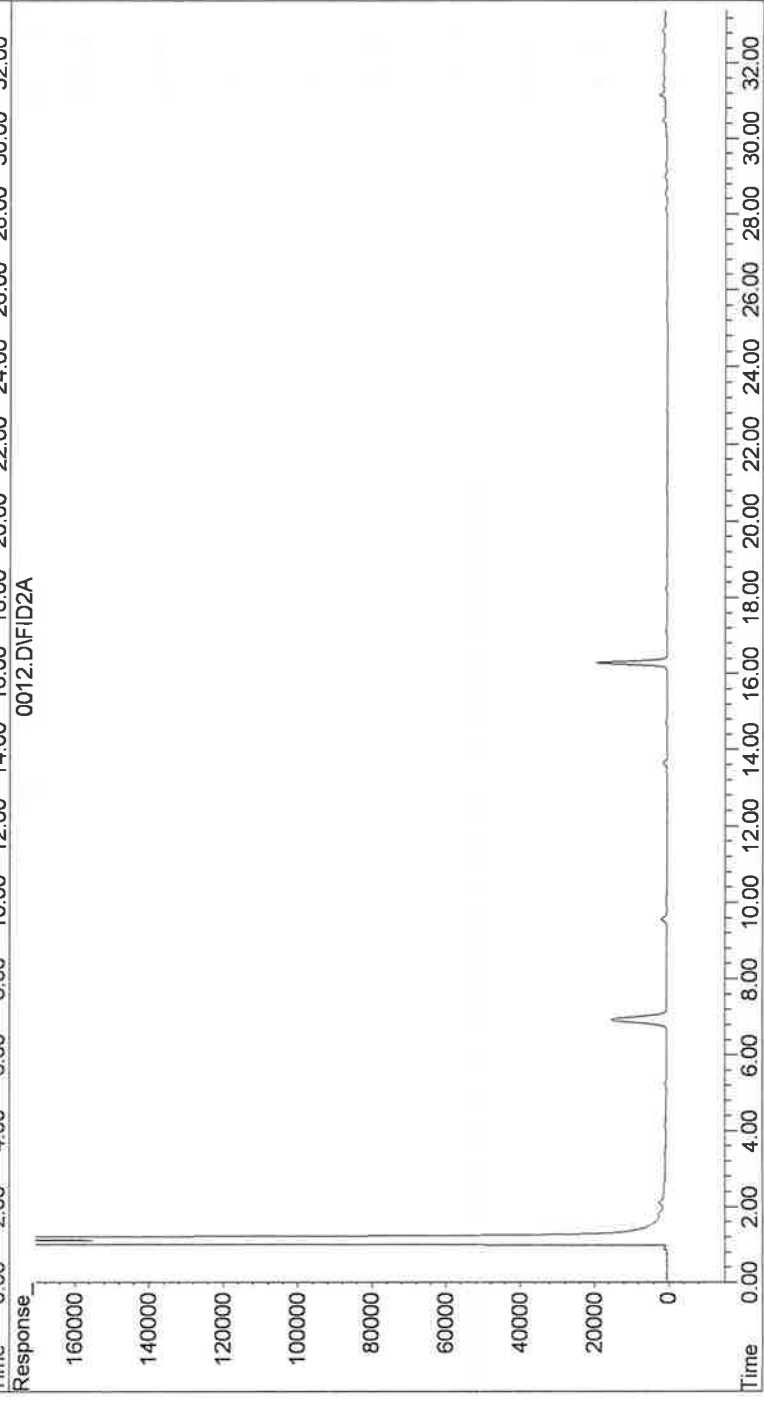
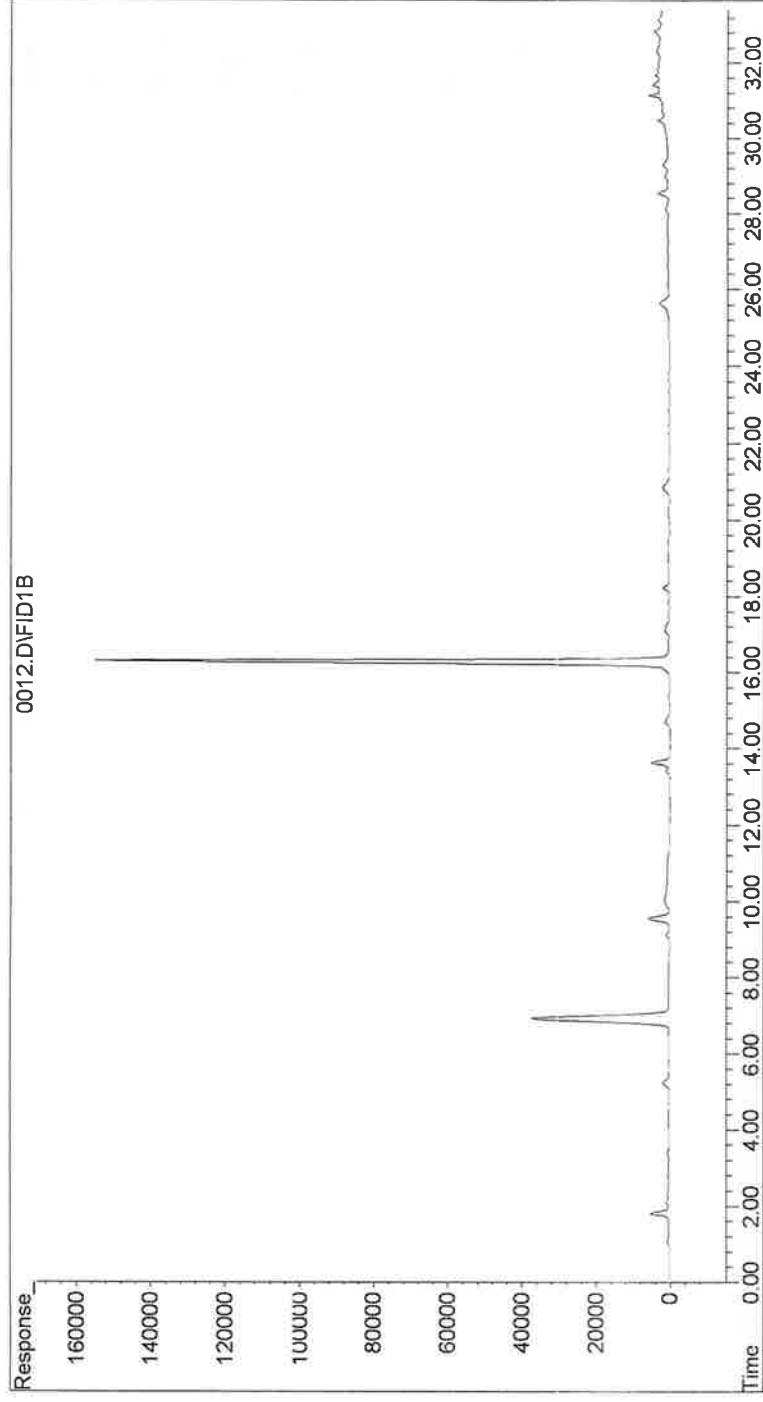
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Operator : EML  
Acquired : 31 Oct 2006 5:32 am using AcqMethod PIDACQ.M  
Instrument : PT  
Sample Name: WPJ1112-07  
Misc Info :  
Vial Number: 27



File : C:\HPCHEM\2\DATA\103006\0028.D  
Operator : EML  
Acquired : 31 Oct 2006 6:12 am using AcqMethod PIDACQ.M  
Instrument : PT  
Sample Name: WPJ1112-08  
Misc Info :  
Vial Number: 28



File : C:\HPCHEM\2\DATA\103006\0012.D  
Operator : EML  
Acquired : 30 Oct 2006 7:29 pm using AcqMethod PIDACQ.M  
Instrument : PT  
Sample Name: WPJ0112-09  
Misc Info : 1.3X  
Vial Number: 12



*Appendix III*  
*Methodologies and Procedures*

## METHODOLOGIES

### **Continuous Soil Sampling: Macrocore Soil Sampler**

Soil samples were collected using 1.25-inch diameter probe rods with a probe-driven soil-sampling device attached to the end that allowed for the retrieval of soil samples approximately 2 inches in diameter and 48 inches in length. Soil samples were collected starting at grade and every 4 feet thereafter, until the desired depth was reached. The sample was cored into a clean acetate liner enclosed within the sampler. The liner with the soil sample was then removed from the device and cut open to reveal the soil sample for description, screening and sampling.

### **Discrete Soil Sampling: Large Bore Soil Sampler**

Where continuous soil sampling with a Macrocore sampler wasn't feasible or necessary, discrete soil samples were collected with a Large Bore soil sampler. This method employed 1.25-inch diameter probe rods with a probe-driven soil-sampling device attached to the end that allowed for the retrieval of discrete soil samples approximately 1.25 inch in diameter and 24 inches in length. The sample was cored into a clean acetate liner enclosed within the sampler. The liner with the soil sample was then removed from the device and cut open to reveal the soil sample for description, screening and sampling.

### **Soil Vapor Screening Method**

Soil samples were screened with photoionization detectors (PID). The PIDs used was a RAE systems MiniRAE model PGM-7600 equipped with a 10.6eV lamp. This instrument was calibrated at the beginning of the day using ambient air as a zero gas and 100 parts per million (ppm) isobutylene in air as the calibration gas. This calibration procedure was followed to allow for direct readings of benzene in ppm on a volume basis.

Soil headspace readings were collected during the investigation. The recovered samples were immediately placed in a clean ziplock bag. The bag was then shaken for approximately 15 seconds and stored for at least 10 minutes at ambient temperature in an area out of direct sunlight. The bag seal was then carefully opened and the PID probe was inserted into the bag to collect a headspace sample. The highest PID response noted during the first 15 seconds was recorded as the headspace reading for the sample.

### **Soil Vapor Sampling Method**

Soil vapor samples were collected following MPCCA guidance document c-prp4-01a. Soil vapor samples were collected by advancing 1.25-inch probe rods equipped with a vapor sampling attachment and disposable point to the appropriate depth as outlined in Table 1 of MPCCA guidance document c-prp4-01a. Once the appropriate depth was reached, the 1.25-inch rods and vapor sampling attachment were pulled up while the disposable point was held in place with inner rods. The inner rods were removed and the probe vehicle was turned off. Flexible polyethylene tubing was pushed down the hollow center of the rods and attached to the vapor

sampling attachment using a reverse threaded adaptor. A graded syringe was used to purge at least two volumes of the sampling point and tubing. The tubing was connected to a laboratory supplied Summa canister with an inline moisture filter. For one of the sampling points a vacuum gauge was also used. The Summa canister was opened to collect the sample. The canister was closed when the vacuum gauge indicated that the canister was full, an appropriate amount of time had passed for sufficient sample to be collected or, where clayey or silty soils were present, when the vacuum gauge or field evidence indicated that no more sample was being drawn from the soil into the canister. A PID was connected to the tubing to measure the presence of organic vapors. The sampling equipment was removed from the ground and the hole was sealed with bentonite chips.

### **Soil Classification**

Soil samples were visually classified in the field using the American Society of Testing and Materials (ASTM), Soil Conservation Service, and/or American/Canadian Stratigraphic standards. The sample descriptions included type, color, grain size distribution, texture, and moisture content. The descriptions were completed in the field immediately after the completion of the PID field screening. All descriptions were recorded in field boring logs.

### **Sample Handling and Preparation for Laboratory Analysis**

Groundwater samples were immediately poured into laboratory provided containers. Samples were collected while wearing single use nitrile gloves. For GRO/BTEX and VOC analysis, three laboratory cleaned volatile organic analysis (VOA) vials were filled. The vials were filled creating a positive meniscus and sealed with a Teflon lined septa. For DRO analysis, a single one-liter bottle containing HCl preservative was filled. The sample jars and vials were labeled and immediately placed on ice in a cooler chest. Analysis followed the Wisconsin modified DRO and GRO preparation and analysis methods and the SW846 5030B preparation method and the SW846 8230B analysis method for Volatiles.

Soil samples were collected by "grabbing" soil from a designated interval of a core-barrel sampler using single use nitrile gloves. These "grab" samples represent composite samples from the designated soil interval. Soil sampling proceeded according to the methods outlined below. Samples quantities were estimated by either 1) weighing the sample, 2) filling a pre-measured "clean" vial or plastic syringe with soil, or 3) through visual estimation.

### **GRO/BTEX/VOC**

For GRO/BTEX and VOC soil analysis, a 1:1 ratio of soil sample to purge and trap grade methanol was used. Either approximately 25 grams of soil was placed into a pre-weighed two-ounce laboratory jar containing 25 milliliters methanol, or approximately 10 grams of soil was placed into a pre-weighed forty-milliliter vile containing 10 milliliters of methanol. The soil was placed into the pre-weighed jar or vile as quickly and gently as possible to minimize volatilization. The threads of the jar or vile may have been wiped clean prior to sealing the jar with a Teflon-lined cap. After securing the cap, the container was shaken to coat the soil with the methanol preservative. A dry weight sample was also collected by filling a tightly sealing

container with soil from the same area. The sample jars were labeled and immediately placed on ice in a cooler chest. Analysis followed the Wisconsin modified DRO and GRO preparation and analysis methods.

#### ***DRO***

For DRO analysis, a soil sample was packed into a pre-weighed, laboratory cleaned, two-ounce jar. The soil was placed into the pre-weighed jar as quickly and gently as possible to minimize volatilization. The threads of the jar may have been wiped clean prior to sealing the jar with a Teflon-lined cap. A dry weight sample was also collected by filling a tightly sealing container with soil from the same area. The sample jars were labeled and immediately placed on ice in a cooler chest.

#### **Chain of Custody Documentation**

Chain of custody and sampling documentation were completed for the samples submitted for laboratory analysis. The chain of custody form accompanied these samples at all times. The sampling documentation was kept in the field file. Once completed, the chain of custody documentation was sealed in the cooler for delivery to the laboratory. The sampling documentation was given to the Summit project manager for inclusion in the project file.

Upon receipt of the samples, the laboratory completed the chain of custody and returned the documentation with the final laboratory report. The final report was sent to the Summit project manager.



*Appendix IV*  
*Geologic Logs of Soil Borings*



Summit Environmental Solutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By : PRB

### LOG OF BORING TP001

Date : 8/2/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Partly Cloudy 70F

Depth in feet	(±) T.M	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
---------------	---------	-----------	---------	-------------	---------

0				Concrete (3")	
				GP: GRAVEL, coarse grained, granitic	
				CL: SILTY CLAY, black, organic, trace sand, trace gravel, moist.	
				SM: SILTY SAND, yellow brown, fine to coarse grained sand, some fine to coarse grained gravel, trace silt, dry.	
				No recovery.	
		ND			
				SM: SILTY SAND, yellow brown, fine to coarse grained sand, some fine to coarse grained gravel, trace silt, strong petroleum odor, dry.	
		2,570			
				SM: SILTY SAND, yellow to yellow brown, fine to coarse grained, poorly sorted, trace silt, trace fine to medium grained gravel, petroleum odor, moist.	
		4,682			
				SM: SILTY SAND, light brown to yellow brown, fine to medium grained with occasional coarse grained sand, moderately sorted, trace fine to medium grained gravel, petroleum odor, dry to moist.	
		3,650			

Refusal on first attempt at 18" in rock.  
 End of Boring at 12 feet (Refusal).  
 Soil sample TP001 (10'-12') collected for GROVOC



Summit EnviroSolutions, Inc.  
1217 Bandana Boulevard North  
St. Paul, MN 55180-5114

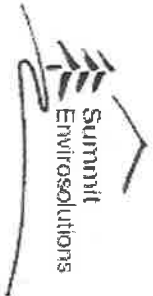
Project Name : Former Food N Fuel  
Summit Project No. : 0353-006  
Project Location : Granite Falls  
County : Chippewa  
Form Completed By : PRB

# LOG OF BORING TP002

Date : 8/2/06  
Company/Method : TP001  
Sample Method : Macro Core  
Observer(s) : DEH  
Weather : Partly Cloudy 70F

Depth in feet	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0			Concrete (3")	
-1			SW: SAND, brown, fine to coarse grained, some fine to coarse grained gravel.	
-2				
-3				
-4	ND		SM: SILTY SAND, brown-gray, fine to coarse grained sand, some fine to coarse grained gravel, moist.	
-5				
-6				
-7				
-8	ND		CL: CLAY, black, organic, soft, ductile, trace silt, moist.	
-9				
-10				
-11				
-12	ND		SM: SILTY SAND, brown to dark brown, fine to coarse grained sand, poorly sorted, some fine to coarse grained gravel, moist.	
-13	ND		No recovery.	
-14				
-15			CL: SILTY CLAY, yellow to yellow brown, soft, some fine to medium grained gravel, moist.	
-16	ND		WEATHERED GRANITE: clayey, yellow-pink, soft, some fine to medium grained gravel.	
-17				
-18	26		WEATHERED GRANITE: clayey, yellow-pink, soft, some fine to medium grained gravel, petroleum odor.	
-19	1,114		WEATHERED GRANITE: clayey, yellow-pink, soft, some fine to medium grained gravel, petroleum odor.	
-20	746		WEATHERED GRANITE: clayey, yellow-pink, soft, some fine to medium grained gravel, petroleum odor.	
-21			WEATHERED GRANITE: gray-green, soft to firm, silty, trace fine to medium grained gravel, petroleum odor.	
-22	1,481		WEATHERED GRANITE: clayey, gray to gray-green, firm to soft, petroleum odor, dry.	
-23				
-24	1,591			
-25				
-26	830		WEATHERED GRANITE: clayey, yellow brown-brown, soft to firm, silty, trace fine to medium grained gravel, dry.	
-27				
-28	269		WEATHERED GRANITE: clayey, gray green-brown, firm to soft, dry.	
-29				
-30	34			
-31	4			Refusal at 31.5' bg.

End of Boring at 31.5 feet (Refusal).  
Soil sample TP002 (18'-19') and TP002 (30'-31.5') collected for GRO/VOC  
Set PVC screen from 21.5' to 31.5' bg. Temporary well remained dry.



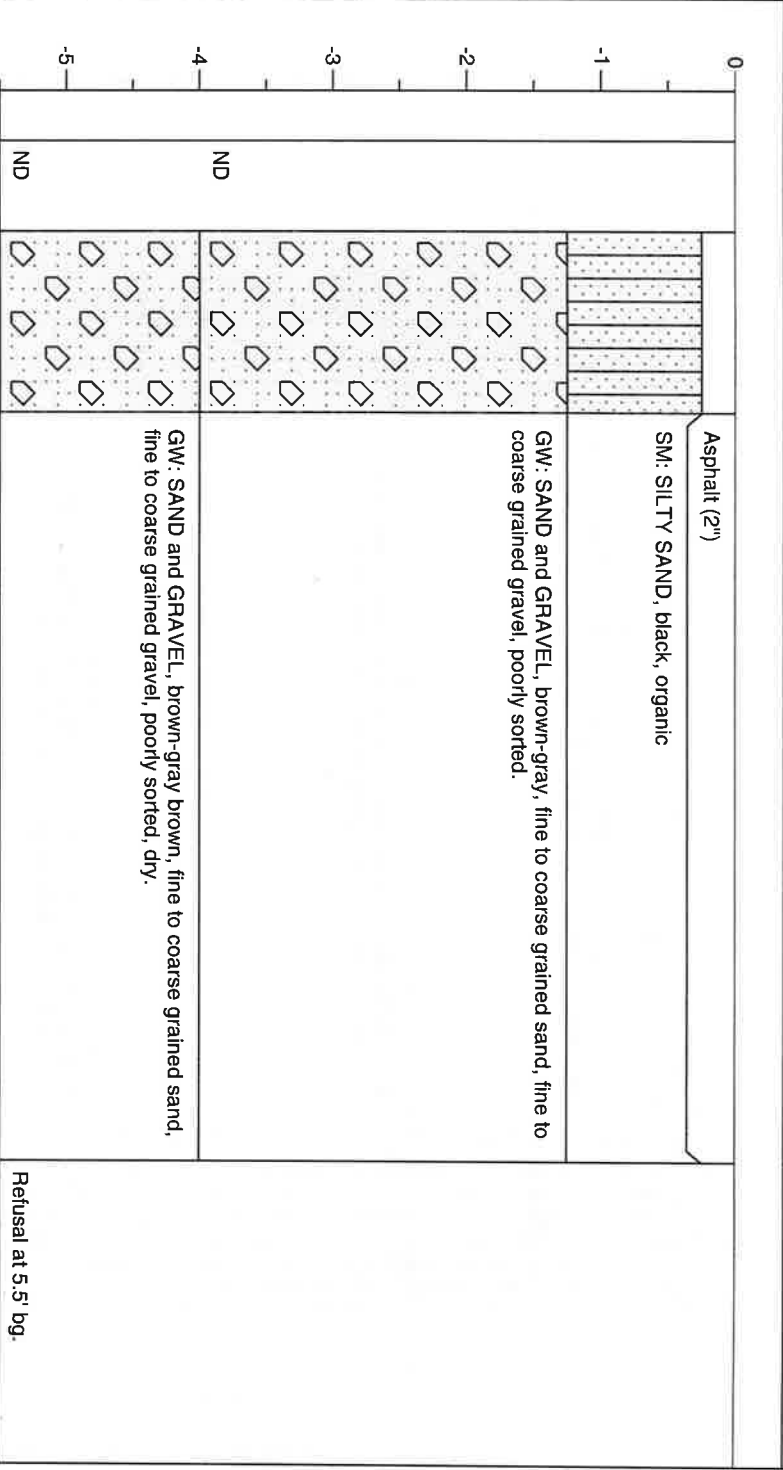
Summit Envirosolutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By: PRB

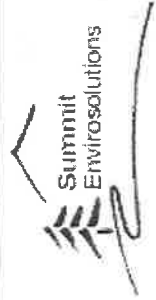
### LOG OF BORING TP003

Date : 8/2/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Partly Cloudy 80F

Depth in feet	(±) I.M	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
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End of Boring at 5.5 feet (Refusal).



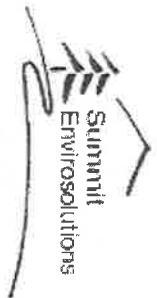
Summit EnviroSolutions, Inc.  
1217 Bandana Boulevard North  
St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
Summit Project No. : 0353-006  
Project Location : Granite Falls  
County : Chippewa  
Form Completed By : PRB

# LOG OF BORING TP004

Date : 8/3/06  
Company/Method : Summit/Geoprobe  
Sample Method : Macro Core  
Observer(s) : DEH  
Weather : Clear 70F

Depth in feet	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0			Concrete (3")	
-1			GP: GRAVEL, coarse grained, granitic	
-2			SM: SILTY SAND brown to dark brown, fine to coarse grained sand, trace clay, trace fine to coarse grained gravel.	
-3				
-4	ND		SM: SILTY SAND, black, organic, fine to medium grained sand, poor to moderately sorted, trace fine to coarse grained gravel, moist to wet.	
-5				
-6				
-7				
-8	1		SW: SAND, brown, fine to coarse grained sand, moderately to poorly sorted, trace fine to medium grained gravel, dry to moist.	
-9				
-10				
-11				
-12	1		SW: SAND, brown, fine to coarse grained sand, moderately to poorly sorted, trace fine to medium grained gravel and granitic fragments, dry to moist.	
-13				
-14				
-15	1		SW: SILTY SAND, brown fine to coarse grained sand, moderately to poorly sorted, dry, trace fine to medium grained gravel, dry.	
-16				
-17	43			Refusal at 17' bg.



Summit Environmental Solutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By: PRB

### LOG OF BORING TP005

Date : 8/3/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Clear 70F

Depth in feet	(±) W.L.	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
---------------	----------	-----------	---------	-------------	---------

0				Concrete (3")	
-1				SW: SAND, brown, fine to coarse grained, moderately to poorly sorted, some fine to medium grained gravel.	
-2					
-3					
-4	1			SW: SAND, brown, fine to coarse grained sand, moderately to poorly sorted, some fine to medium grained gravel.	
-5					
-6					
-7					
-8	1				
-9	1				Refusal at 9' bg.

End of Boring at 9 feet (Refusal).  
 Soil sample TP005 (8'-9') collected for GRO/VOC



Summit EnviroSolutions, Inc.  
1217 Bandana Boulevard North  
St. Paul, MN 55180-5114

# LOG OF BORING TP006

Project Name : Former Food N Fuel  
Summit Project No. : 0353-006  
Project Location : Granite Falls  
County : Chippewa  
Form Completed By : PRB

Date : 8/3/06  
Company/Method : Summit/Geoprobe  
Sample Method : Macro Core  
Observer(s) : DEH  
Weather : Clear 70F

Depth in feet	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0			OL: Organic layer with grass	
-1				
-2			SM: SILTY SAND, brown to dark brown, fine to coarse grained sand, poorly sorted, some fine to coarse grained gravel.	
-3				
-4	1		CL: SANDY CLAY, yellow brown to brown, soft, fine to coarse grained sand, trace fine to medium grained gravel, moist.	
-5			CL: SILTY CLAY, dark brown to black, soft, trace fine to coarse grained sand; poorly sorted, trace fine to coarse grained gravel, moist to wet.	
-6				
-7				
-8	ND		CL: CLAY, black, organic, soft, ductile, some fine to coarse grained sand, some fine to medium grained gravel, moist.	
-9				
-10				
-11				
-12	ND		CL: SANDY CLAY, dark brown to black, fine to coarse grained sand, sand content increases with depth, trace fine to coarse grained gravel, moist to very moist.	
-13				
-14				
-15				
-16	ND			
-17				
-18	ND			
-19				
-20	2		WEATHERED GRANITE: clayey, silty, yellow brown, soft to firm, moist, trace fine to coarse grained gravel.	
-21			WEATHERED GRANITE: clayey, yellow to yellow brown, soft to firm, trace fine to coarse grained gravel, moist.	
-22				
-23				
-24	ND		WEATHERED GRANITE: silty, gray to green, soft to firm, trace sand, petroleum odor.	
-25	2			
-26	424			
-27				
-28				
-29	55		WEATHERED GRANITE: clayey, green to gray green, soft to firm, trace fine to medium grained sand, trace fine to medium grained gravel, slight petroleum odor, moist.	
-30	ND			
-31				
-32	ND			Refusal at 32.5' bg.

End of Boring at 32.5 feet (Refusal).  
Soil sample TP006 (26) and TP006 (31'-32.5') collected for GRO/VOC  
Set PVC screen from 22.5' to 32.5' bg. Temporary well remained dry.



Summit EnviroSolutions, Inc.  
1217 Bandana Boulevard North  
St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
Summit Project No. : 0353-006  
Project Location : Granite Falls  
County : Chippewa  
Form Completed By : PRB

### LOG OF BORING TP007

Date : 10/23/06  
Company/Method : Summit/Geoprobe  
Sample Method : Macro Core  
Observer(s) : DEH  
Weather : Cloudy, 30F

Depth in feet	W.L. (ft)	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0					
-1					
-2					
-3					
-4					
-5					
-6					
-7					
-8					
-9					
-10					
-11					
-12					
-13					
-14					
-15					
-16					
-17					
-18					
-19					
-20					
-21					
-22					
-23					
-24					

FILL: SAND and GRAVEL, black soil and brown sand, fine to coarse grained gravel, fine to coarse grained sand, poorly sorted.

GP: GRAVEL, coarse grained, some silty sand, 8" thick.

SM: SILTY SAND, black, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel, trace clay.

GP: GRAVEL, medium to coarse grained gravel, some silty sand.

SM: SILTY SAND, brown to light brown, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel.

SM: SILTY SAND, tan to brown, poorly sorted, very fine to fine grained sand, fine to coarse grained gravel, interbedded layers of silt with sand and gravel layers.

GW: SAND AND GRAVEL, brown to gray, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel.

WEATHERED GRANITE: SILTY SAND, brown to gray brown, fine to medium grained sand. (Weathered granite)

Refusal at 24' bg in Bedrock.

End of Boring at 24 feet (Refusal).  
Soil sample TP007 (24) collected for GRO/BTEX  
Refusal in rock at 1' and 12' bg on first two attempts.





Summit EnviroSolutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By : PRB

# LOG OF BORING TP008

Date : 10/23/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Cloudy, 30F

Depth in feet	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0			OL: TOP SOIL	
-1			ML: CLAYEY SILT, black to gray brown, friable, trace fine to coarse grained gravel, trace sand, dry.	
-2				
-3				
-4	ND		SM: SANDY SILT, black to gray, friable, some fine to coarse grained gravel.	
-5				
-6				
-7				
-8	ND			
-9				
-10				
-11				
-12	ND		SM: SILTY SAND, dark brown, poorly sorted, fine to coarse grained sand, some fine to coarse grained gravel, dry.	
-13				
-14	ND			Refusal at 14' bg in Bedrock.

End of Boring at 14 feet (Refusal).  
 Soil sample TP008 (14') collected for GRO/BTEX  
 Refusal in rock on three additional attempts.



Summit Environmental Solutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By : PRB

### LOG OF BORING TP008A

Date : 10/23/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Cloudy, 30F

Depth in feet	(±) F.W	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
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0				OL: TOP SOIL	
-1				FILL: SILTY SAND, black to dark brown, poorly sorted, fine to coarse grained sand, trace clay, some fine to coarse grained gravel, dry.	
-2					
-3				SC: SILTY CLAY, yellow brown to brown, some fine to coarse grained sand, some fine to medium grained gravel, moist.	
-4		ND			
-5		ND			
-6				SM: SILTY SAND, black, organic, moderately to well sorted, fine to medium grained sand, moist.	
-7		ND			
-8		ND			
-9		ND			
-10				SM: SILTY SAND, black, organic, moderately to well sorted, fine to medium grained sand, occasional fine to coarse grained gravel, moist.	
-11		ND			
-12		ND		WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-13		ND			
-14		ND			
-15				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-16		ND			
-17				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-18		ND			
-19				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-20		ND			
-21				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-22		ND			
-23				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-24		ND			
-25				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-26		ND			
-27				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-28		ND			
-29				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-30		ND			
-31				WEATHERED GRANITE: yellow and cream, firm, some clay, granular.	
-32		ND			

Refusal at 32' bg in Bedrock.

End of Boring at 32 feet (Refusal).  
 Set PVC screen from 22' to 32' bg. Depth to water = 28.9'.  
 Soil sample TP008A 32' collected for GRO/BTEX  
 Water sample TP008A W collected for GRO/BTEX



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St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
Summit Project No. : 0353-006  
Project Location : Granite Falls  
County : Chippewa  
Form Completed By : PRB

# LOG OF BORING TP009

Date : 10/24/06  
Company/Method : Summit/Geoprobe  
Sample Method : Macro Core  
Observer(s) : DEH  
Weather : Partly Cloudy

Depth in feet	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0				
-1				
-2				
-3				
-4	ND			
-5				
-6				
-7				
-8	ND			
-9				
-10				
-11				
-12	ND			
-13				
-14				
-15				
-16	ND			
-17				
-18				
-19				
-20	ND			
-21				
-22				
-23				
-24	ND			
-25	114			
-26	203			
-27	1,606			
-28				
-29	934			

FILL: SILTY SAND, black to dark brown, soft, poorly sorted, fine to coarse grained gravel, fine to coarse grained sand.

FILL: SILTY SAND, brown, to dark brown, iron staining, soft, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel.

SM: SILTY SAND, brown to yellow brown, firm, poorly sorted, fine to coarse grained sand, trace clay, fine to coarse grained gravel.

SM: SILTY SAND, black to gray brown, soft, moderately to well sorted, some fine to coarse grained gravel, moist.

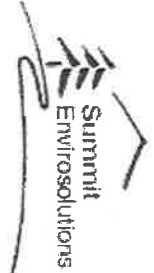
SM: SILTY SAND, black, fine to medium grained sand, trace fine to coarse grained gravel, moist.

WEATHERED GRANITE: mixed with sand, black to green, firm to soft, moist to dry.

WEATHERED GRANITE: green, soft, petroleum odor.

Refusal at 29.5' bg in Bedrock.

End of Boring at 29.5 feet (Refusal).  
Set PVC screen from 19' to 29' bg. This temporary well remained dry.  
Soil sample TP009 27' and TP009 29.5' collected for GRO/BTEX  
Refusal in rock on first five attempts at approximately 17' bg.



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 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By : PRB

### LOG OF BORING TP010

Date : 10/24/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Partly Cloudy

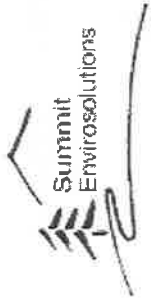
Depth in feet	(±) 1/8"	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
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0					
-1					
-2					
-3					
-4		ND		FILL: SILTY SAND, brown to dark brown, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel.	
-5					
-6					
-7					
-8		ND		SM: SILTY SAND, brown, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel.	
-9					
-10					
-11					
-12		ND		SM: SILTY SAND, dark brown to brown, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel.	
-13					
-14					
-15					
-16		ND		SM: SILTY SAND, dark brown to brown, poorly to moderately sorted, fine to coarse grained sand, fine to coarse grained gravel.	
-17					
-18					
-19					
-20		ND		SM: SILTY SAND, brown, to dark brown, moderately to poorly sorted, fine to coarse grained sand, some fine to coarse grained gravel.	
-21					
-22					
-23					
-24		ND		WEATHERED GRANITE: dark green and dark brown, firm to soft, trace gravel.	
-25					
-26					
-27					
-28		ND			
-29		ND			Refusal at 29.5' bg in

End of Boring at 29.5 feet (Refusal).

Set PVC screen from 19.5' to 29.5' bg. This temporary well remained dry.

Soil sample TP010 29.5' collected for GRO/BTEX



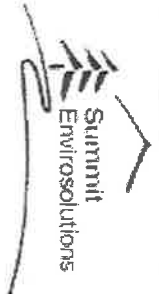
Summit EnviroSolutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By : PRB

# LOG OF BORING TP011

Date : 10/24/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Partly Cloudy

Depth in feet	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
0			Asphalt	
-1			FILL: SILTY SAND, brown, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel, dry.	
-2			WEATHERED GRANITE: brown to green brown, dry.	
-3	ND			Refusal at 3' bg in Bedrock.



Summit Envirosolutions, Inc.  
 1217 Bandana Boulevard North  
 St. Paul, MN 55180-5114

Project Name : Former Food N Fuel  
 Summit Project No. : 0353-006  
 Project Location : Granite Falls  
 County : Chippewa  
 Form Completed By : PRB

### LOG OF BORING TP012

Date : 10/24/06  
 Company/Method : Summit/Geoprobe  
 Sample Method : Macro Core  
 Observer(s) : DEH  
 Weather : Partly Cloudy

Depth in feet	W.L. (ft)	PID (ppm)	GRAPHIC	DESCRIPTION	REMARKS
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0				Asphalt	
-1				FILL: SILTY SAND, brown, poorly sorted, fine to coarse grained sand, fine to coarse grained gravel, moist.	
-2					
-3					
-4		ND		GP: GRAVEL	
-5				WEATHERED GRANITE: brown to rusty brown, granular, gravely, dry.	
-6					
-7				GP: GRAVEL, tan to cream, fine to coarse grained.	
-8		ND		WEATHERED GRANITE: brown to rusty brown, granular, gravely, dry.	
-9					
-10					
-11		ND			Refusal at 11' bg in Bedrock.

End of Boring at 11 feet (Refusal).  
 Soil sample TP012 11' collected for GRO/BTEX

*Appendix V*  
*Copies of Water Supply Well Logs*

There are no water supply wells listed in the Minnesota Department of Health's (MDH) County Well Index (CWI) within on half mile of the subject site.



*Appendix VI*  
*Grain Size Distribution Report*

