

09-62-543951

WCF011  
8-31-05

State of Wisconsin  
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge  
(Non-Emergency Only)

Form 4400-226 (07/03) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to the "Spills Law", s. 292.11 Wis. Stats., Section NR 708.05(1)(b), Wis. Adm. Code, requires that hazardous substance discharges are to be reported by one of three methods: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department or visiting a Department office in person. If you choose to notify the Department by telefax, you should use this form to be sure that all necessary information is included. However use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. TYPE or PRINT LEGIBLY. FAX it to the appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one):

- Underground Petroleum Storage Tank System
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility (DERP eligibility based on:  Facility owner/operator  Property owner of licensed facility)
- Other - Describe:

TO DNR, ATTN: R & R Program Assistant

(Area Code) FAX Number  
605 394 6940

Name  
REID RINER

Firm  
ATC Associates

Date FAXed to DNR  
3/4/05

Mailing Address  
2725 E. Millbank Rd., #121, Raleigh, NC, 27604

(Area Code) Phone Number  
605 394 6099

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property  
Twin Cities Aventi Stores / Galesville

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 80 & 123 on E side of CTH 80

17013 North Main St., Galesville, WI

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city

GALESVILLE

County:

Legal Description:

1/4, 1/4, Section Tn Range E  or W

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary

Twin Cities Aventi Stores

Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see [http://www.dnr.state.wi.us/org/aw/rr/liability/muni\\_1.html](http://www.dnr.state.wi.us/org/aw/rr/liability/muni_1.html)

Contact Person Name (if different)  
Dick Webber

Phone Number  
651 452 9161

Mailing Address  
2020 Silver Bell Rd.  
City  
EAGAN

State  
MN  
ZIP Code  
55122

LaSalle Bank National Association  
c/o GMAC  
68 High Meadow Lane  
Wakefield, RI 02879  
contact: Rob Ellis 401 965 9200

(continued)

State of Wisconsin  
Department of Natural Resources

**Fax Notification For Hazardous Substance Discharge  
(Non-Emergency Only)**

Form 4400-225 (07/03) Page 2 of 2

Identify hazardous substance discharged (check all that apply):

**METALS**

- Arsenic  
 Chromium  
 Lead  
 Mercury  
 Metals (specify): \_\_\_\_\_

**INDUSTRIAL CHEMICALS**

- Ammonia  
 Cyanide  
 Paint  
 PCB's  
 VOC's  
  
 Fertilizers  
 Pesticide/Herbicide/Insecticide(s)  
 Leachate  
 RCRA Hazardous Waste

**PETROLEUM**

- Diesel/Fuel Oil  
 Engine Oil/Waste Oil  
 Mineral/Transmission/Hydraulic Oil  
 Gasoline (Pb/Non-Pb/Unknown)  
 Jet Fuel/Kerosene  
 MTBE  
 VOC's  
 PAH's/SVOC  
 Petroleum-Unknown Type  
  
 Other (specify): \_\_\_\_\_  
 Unknown

**SOLVENTS**

- Solvent-Chlorinated  
 Solvent-Non Chlorinated  
 PERC  
 VOC's

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Air Contamination                       | <input type="checkbox"/> Contamination in Right of Way        | <input type="checkbox"/> Sanitary Sewer Contamination  |
| <input type="checkbox"/> Co-contamination                        | <input type="checkbox"/> Direct Contact                       | <input checked="" type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Concrete/Asphalt                        | <input type="checkbox"/> Expanding Plume                      | <input type="checkbox"/> Storm Sewer Contamination     |
| <input type="checkbox"/> Contained/Recovered                     | <input type="checkbox"/> Fire Explosion Threat                | <input type="checkbox"/> Surface Water Contamination   |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Free Product                         | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Private Well               | <input checked="" type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contaminated Public Well                | <input type="checkbox"/> Off-Site Contamination               |  |
| <input type="checkbox"/> Contamination in Fractured Bedrock      | <input type="checkbox"/> Other                                |  |

Contamination was discovered as a result of:

Tank closure assessment  
Date \_\_\_\_\_

Site assessment  
Date 01/22/04

Other - Describe: \_\_\_\_\_  
Date \_\_\_\_\_

Lab results:

- Lab results will be faxed upon receipt  
 Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

**Northeast Region (820-492-5559); Attention - RR Program Assistant:**

Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

**Northern Region (715-365-8932); Attention - RR Program Assistant:**

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

**South Central Region (608-275-3338); Attention - RR Program Assistant:**

Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

**Southeast Region (414-263-8483); Attention - RR Program Assistant:**

Kenosha, Milwaukee, Oaaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

**West Central Region (715-839-8076); Attention - RR Program Assistant:**

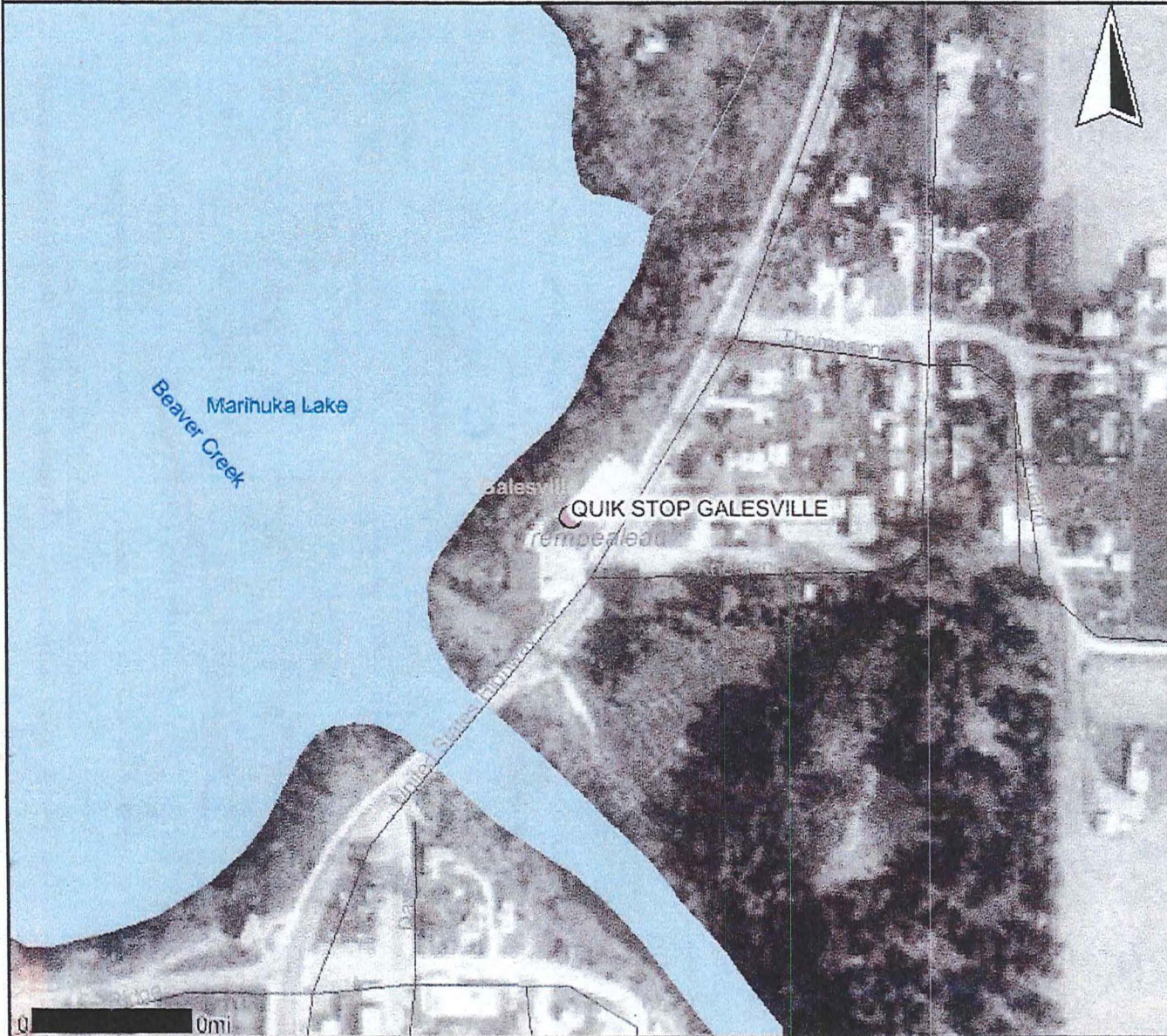
Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties

Map created Wed Aug 31 14:12:14 CDT 2005

### Legend

Closed Remediation Sites

-  Groundwater
-  Soil
-  Groundwater and Soil
-  Offsource Contamination
-  County Boundary
-  24K Open Water
-  Municipalities



Scale: 1:2,769

DO NOT USE FOR NAVIGATION

FID 662047216

Send To Printer    Back To TerraServer    Change to 11x17 Print Size    Show Grid Lines    Change to Landscape

USGS 2 km N of Galesville, Wisconsin, United States 01 Jul 1973

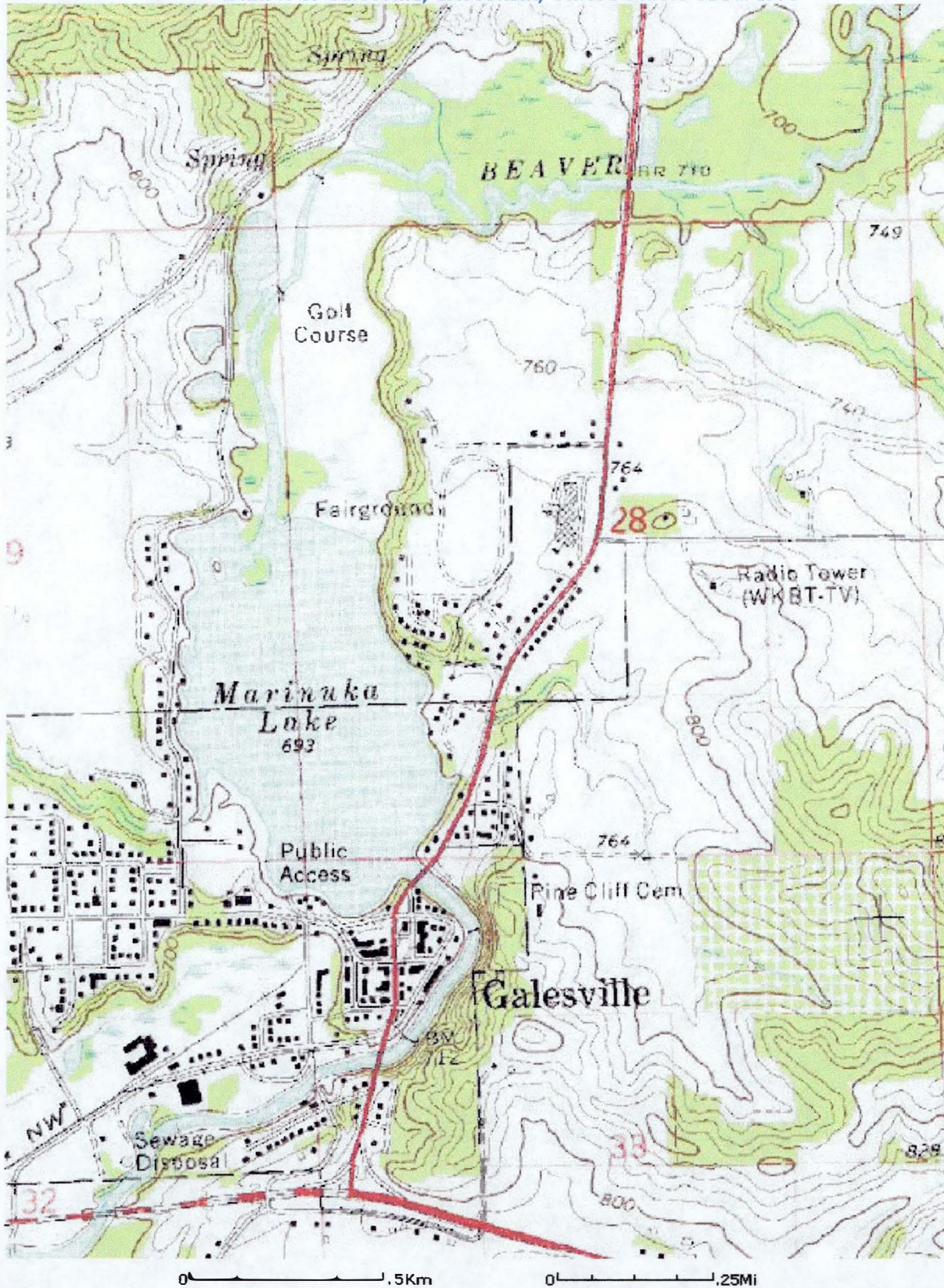


Image courtesy of the U.S. Geological Survey

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**Kramer, Eileen**

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**From:** Kramer, Eileen  
**Sent:** Wednesday, April 20, 2005 7:49 AM  
**To:** 'Reid Riner'  
**Cc:** Kramer, Eileen  
**Subject:** RE: Galesville, WI Twin Cities Avanti Store Site 17013 North Main Street, Galesville, WI

Thank you for e-mailing. Our phone available times do not seem to match up. I received the notice of a release. DRO of 140 ppm could be indicative of a release requiring further investigation and potentially remediation. However, because the hit is relatively low and there does not appear to be much BTEX, I would like to see additional information.

I only received one lab report, for GP1 4-6'. I would like to see the others.  
 Field screening numbers – they are not on the soil boring logs.  
 Chain of custody forms for the lab samples  
 Information about how long site has operated as a gas station.  
 Information about other tanks that may have been on the property in the past.  
 Rational for soil boring locations.

Thank you for your help.

 *Eileen Kramer*

Hydrogeologist

West Central Region

Bureau of Remediation and Redevelopment

Wisconsin Department of Natural Resources

P.O. Box 4001, Eau Claire, WI 54702

Website: <http://dnr.wi.gov>

(☎) phone: (715) 839-3824

(☎) fax: (715) 839-6076

(✉) e-mail: [eileen.kramer@dnr.state.wi.us](mailto:eileen.kramer@dnr.state.wi.us)

-----Original Message-----

**From:** Reid Riner [<mailto:theriners@earthlink.net>]

**Sent:** Tuesday, April 19, 2005 3:54 PM

**To:** Kramer, Eileen

**Subject:** Galesville, WI Twin Cities Avanti Store Site 17013 North Main Street, Galesville, WI

Hi Eileen,

I believe we have been playing phone tag on the above site. I sent in a notification of discharge on the site a while back and I believe you had questions. I wanted to e-mail you so that you could write back your questions if that's easier than calling. I also wanted to know what direction WDNR will give on the site so that I can update my client on what he needs to do to resolve the situation and sell the property. The client is a bank that has or is foreclosing on the property and will need to resolve this issue to sell. Please let me know when you get a chance and I will get you any information you may need as well. Thanks

Reid L. Riner  
 ATC Associates

04/20/2005

Budget Mart - Galesville  
3/9/05

send COCs SB logs w/ 1725  
send lab reports for all samples <sup>except</sup> GPI soil @ 4-6  
paved?

What other tanks have been on property.  
How long a gas station.

phone to Reid Kinner 3/9/2005

no response

phone to R. Kinner 3/14/2005

phone to Dick Webber

Avanti stores 3/14/2005

Conti site 58995  
Tanks# 35241, 2, 3

State of Wisconsin  
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge  
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Form 4400-225 (07/03) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

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Complete this form. TYPE or PRINT LEGIBLY. FAX it to the appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one):

- Underground Petroleum Storage Tank System
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility (DERP eligibility based on:  Facility owner/operator  Property owner of licensed facility)
- Other - Describe:

TO DNR, ATTN: R & R Program Assistant

(Area Code) FAX Number  
605 394 6940

Name

REID RINER

Firm

ATC Associates

Date FAXed to DNR

3/4/05

Mailing Address

2725 E. Millbank Rd., #121, Raleigh, NC, 27604

(Area Code) Phone Number

605 394 6099

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property

Twin Cities Aventi Stores / Galesville

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60

17013 North Main St., Galesville, WI

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city

GALESVILLE

County:

Legal Description:

1/4, 1/4, Section Tn Range E  or W

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all Attach additional pages as necessary

Twin Cities Aventi Stores

Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see [http://www.dnr.state.wi.us/org/aw/rr/liability/muni\\_1.html](http://www.dnr.state.wi.us/org/aw/rr/liability/muni_1.html)

Contact Person Name (if different)

Dick Webber

Phone Number

651 452 9161 X-128

Mailing Address

2020 Silver Bell Rd.

City

EAGAN

State

MN

ZIP Code

55122

LaSalle Bank National Association  
c/o GMAC  
68 High Meadow Lane  
Wakefield, RI 02879  
contact: Rob Ellis 401 965 9200

NAR  
etc 8/31/2005  
see 03-62-000176

(continued)

State of Wisconsin  
Department of Natural Resources

**Fax Notification For Hazardous Substance Discharge  
(Non-Emergency Only)**

Form 4400-225 (07/03) Page 2 of 2

Identify hazardous substance discharged (check all that apply):

**METALS**

- Arsenic
- Chromium
- Lead
- Mercury
- Metals (specify): \_\_\_\_\_

**SOLVENTS**

- Solvent-Chlorinated
- Solvent-Non Chlorinated
- PERC
- VOC's

**INDUSTRIAL CHEMICALS**

- Ammonia
- Cyanide
- Paint
- PCB's
- VOC's
- Fertilizers
- Pesticide/Herbicide/Insecticide(s)
- Leachate
- RCRA Hazardous Waste

**PETROLEUM**

- Diesel/Fuel Oil
- Engine Oil/Waste Oil
- Mineral/Transmission/Hydraulic Oil
- Gasoline (Pb/Non-Pb/Unknown)
- Jet Fuel/Kerosene
- MTBE
- VOC's
- PAH's/SVOC
- Petroleum-Unknown Type
- Other (specify): \_\_\_\_\_
- Unknown

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Air Contamination                       | <input type="checkbox"/> Contamination in Right of Way        | <input type="checkbox"/> Sanitary Sewer Contamination  |
| <input type="checkbox"/> Co-contamination                        | <input type="checkbox"/> Direct Contact                       | <input checked="" type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Concrete/Asphalt                        | <input type="checkbox"/> Expanding Plume                      | <input type="checkbox"/> Storm Sewer Contamination     |
| <input type="checkbox"/> Contained/Recovered                     | <input type="checkbox"/> Fire Explosion Threat                | <input type="checkbox"/> Surface Water Contamination   |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Free Product                         | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Private Well               | <input checked="" type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contaminated Public Well                | <input type="checkbox"/> Off-Site Contamination               |  |
| <input type="checkbox"/> Contamination in Fractured Bedrock      | <input type="checkbox"/> Other                                |  |

Contamination was discovered as a result of:

- Tank closure assessment
- Site assessment

Other - Describe: \_\_\_\_\_  
Date

Lab results:

- Lab results will be faxed upon receipt
- Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

**Northeast Region (920-492-5559); Attention - RR Program Assistant:**

Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

**Northern Region (715-385-8932); Attention - RR Program Assistant:**

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

**South Central Region (608-275-3339); Attention - RR Program Assistant:**

Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

**Southeast Region (414-263-8483); Attention - RR Program Assistant:**

Kenosha, Milwaukee, ~~Ozaukee~~, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

**West Central Region (715-839-8076); Attention - RR Program Assistant:**

Adams, Buffalo, ~~Chippewa~~, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties



State of Wisconsin  
Department of Natural Resources

**Fax Notification For Hazardous Substance Discharge  
(Non-Emergency Only)**

Form 4400-225 (07/03) Page 2 of 2

Identify hazardous substance discharged (check all that apply):

**METALS**

- Arsenic
- Chromium
- Lead
- Mercury
- Metals (specify): \_\_\_\_\_

**SOLVENTS**

- Solvent-Chlorinated
- Solvent-Non Chlorinated
- PERC
- VOC's

**INDUSTRIAL CHEMICALS**

- Ammonia
- Cyanide
- Paint
- PCB's
- VOC's
- Fertilizers
- Pesticide/Herbicide/Insecticide(s)
- Leachate
- RCRA Hazardous Waste

**PETROLEUM**

- Diesel/Fuel Oil
- Engine Oil/Waste Oil
- Mineral/Transmission/Hydraulic Oil
- Gasoline (Pb/Non-Pb/Unknown)
- Jet Fuel/Kerosene
- MTBE
- VOC's
- PAH's/SVOC
- Petroleum-Unknown Type
- Other (specify): \_\_\_\_\_
- Unknown

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Air Contamination                       | <input type="checkbox"/> Contamination in Right of Way        | <input type="checkbox"/> Sanitary Sewer Contamination  |
| <input type="checkbox"/> Co-contamination                        | <input type="checkbox"/> Direct Contact                       | <input checked="" type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Concrete/Asphalt                        | <input type="checkbox"/> Expanding Plume                      | <input type="checkbox"/> Storm Sewer Contamination     |
| <input type="checkbox"/> Contained/Recovered                     | <input type="checkbox"/> Fire Explosion Threat                | <input type="checkbox"/> Surface Water Contamination   |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Free Product                         | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Private Well               | <input checked="" type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contaminated Public Well                | <input type="checkbox"/> Off-Site Contamination               |  |
| <input type="checkbox"/> Contamination in Fractured Bedrock      | <input type="checkbox"/> Other                                |  |

Contamination was discovered as a result of:

- Tank closure assessment
- Site assessment
- Other - Describe: \_\_\_\_\_

Date 6/22/04

Lab results:

- Lab results will be faxed upon receipt
- Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

**Northeast Region (920-492-5859); Attention - RR Program Assistant:**

Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

**Northern Region (715-365-8932); Attention - RR Program Assistant:**

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

**South Central Region (608-275-3338); Attention - RR Program Assistant:**

Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

**Southeast Region (414-253-8483); Attention - RR Program Assistant:**

Kenosha, Milwaukee, Oaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

**West Central Region (715-838-8076); Attention - RR Program Assistant:**

Adams, Buffalo, ~~Shippewa~~ Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tax I.D. 62-0814285

Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe ATC Associates Inc. - Roseville, MN 1929 County Rd C-2 W Roseville, MN 55113

Date Received : June 25, 2004 Description : Budget Mart - Galeville WI Sample ID : GB-1 4-6 FT Collected By : Charles Cushman Collection Date : 06/22/04 10:00

ESC Sample # : L159712-01 Site ID : 17013 N. MAIN ST Project # : 90.75267.7028

Table with 7 columns: Parameter, Dry Result, Det. Limit, Units, Method, Date, Dil. Rows include Total Solids (85.7), VI DNR GRO (BDL), Surrogate Recovery (110), and various Volatile Organics (e.g., Acetone, Benzene, Chlorobenzene) with BDL results.

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - 1-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01 KY - 90010, KYUST - 0016, NC - ENV375, DWZ1704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note: This report shall not be reproduced, except in full, without the written approval from ESC. The reported analytical results relate only to the sample submitted



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tex I.D. 62-0814285

Est. 1970

REPORT OF ANALYSIS

Ms. Anne Rappe ATC Associates Inc. - Roseville, MN 1929 County Rd C-2 W Roseville, MN 55113

July 06, 2004

Date Received : June 25, 2004 Description : Budget Mart - Galeville WI Sample ID : GB-1 4-6 FT Collected By : Charles Cashman Collection Date : 06/22/04 10:00

ESC Sample # : L159712-01

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Table with columns: Parameter, Dry Result, Det. Limit, Units, Method, Date, Dil. Lists various chemical parameters and their detection results.

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01 KY - 90010, KYUST - 0016, NC - ENV375, DM21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note: This report shall not be reproduced, except in full, without the written approval from ESC. The reported analytical results relate only to the sample submitted



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

Ms. Anna Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

July 06, 2004

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-1 4-6 FT  
Collected By : Charles Czahman  
Collection Date : 06/22/04 10:00

ESC Sample # : L159712-01  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Xylenes, Total	BDL	0.018	mg/kg	8260B	07/01/04	5
Surrogate Recovery						
Toluene-d8	100		% Rec.	8260B	07/01/04	5
Dibromofluoromethane	95		% Rec.	8260B	07/01/04	5
4-Bromofluorobenzene	110		% Rec.	8260B	07/01/04	5
WI DRO	BDL	12	mg/kg	8015M	07/01/04	1
Surrogate Recovery (50-150)						
Triacantane	100		% Rec.	8015M	07/01/04	1

*John Hawkins*  
John Hawkins, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit ~ Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AiHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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The reported analytical results relate only to the sample submitted

Reported: 07/06/04 16:52 Printed: 07/06/04 16:54

*Due Diligence Investigation  
Galesville, Wisconsin*

System (ASTM D-2488), and to inspect the soil samples for staining and other indications of contamination. Soil samples were field screened for the presence of total organic vapors with a PID. Geologic and hydrogeologic conditions and the PID measurements were recorded on the soil probe logs, which are provided in Appendix A.

Soil samples were collected for laboratory analysis based on field screening results. Collected soil samples were placed in sample jars provided by the laboratory, stored in a cooler on ice, and submitted to the laboratory under chain-of-custody protocol. Soil samples were analyzed for the following indicator contaminants: benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl-tertiary-butyl-ether (MTBE) or volatile organic compounds (VOCs) by USEPA SW846 Method 8260B, and gasoline and diesel range organics (GRO and DRO) via Wisconsin DNR modified method. Environmental Science Corp. (Wisconsin lab identification number 998093910) in Mt. Juliet, Tennessee provided sample containers and the laboratory analytical services. A copy of the laboratory analytical report is included in Appendix B. The detected compounds were compared to the WDNR Generic Residual Contaminant Level (RCL) Groundwater Pathway (WDNR NR 720). The soil analytical results are summarized in the following table:

**Table 1**  
**Summary of Soil Analytical Data**

Soil Probe	GB-1	GB-2	GB-3	GB-4	Action Level
Sample Depth (ft)	4-8	10-12	12-14	8-10	
Benzene	BRL	3.0	BRL	BRL	5.5
Toluene	BRL	BRL	BRL	BRL	1,500
Ethylbenzene	BRL	BRL	BRL	BRL	2,900
Total Xylenes	BRL	BRL	BRL	BRL	4,100
MTBE	BRL	BRL	BRL	0.0062	NE
GRO	BRL	BRL	18	BRL	100
DRO	BRL	BRL	140	BRL	100
1,3,5-Trimethylbenzene	BRL	BRL	0.015	BRL	NE
p-Isopropyltoluene	BRL	BRL	0.018	BRL	NE

**BOLD:** CONCENTRATIONS IN EXCESS OF STATE ACTION LEVELS EXCEED WDNR RCLs.  
ALL UNITS EXPRESSED IN MICROGRAMS PER KILOGRAM (UG/KG = PPB), EXCEPT GRO/DRO  
GRO/DRO EXPRESSED IN MILLIGRAMS PER KILOGRAM (MG/KG = PPM)  
NE = NOT ESTABLISHED  
NA = NOT ANALYZED  
BRL = BELOW LABORATORY REPORTING LIMITS

Soil sampling and probing equipment was decontaminated by washing with a solution of Alconox and distilled water between sampling and probe locations. Upon completion of the soil probes, the soil probes were abandoned according to appropriate state regulations and patched to match existing surface conditions.

During the subsurface investigation activities groundwater was observed in soil probe GB-1 through GB-4. However, a sufficient volume of groundwater to sample only accumulated in

*Due Diligence Investigation  
Galesville, Wisconsin*

soil probe GB-1. Groundwater was collected from soil probe GB-1 with disposable tubing and a check valve. Groundwater samples were collected and stored in jars as provided by the laboratory. After sealing, each vial was visually inspected to ensure air pockets were not present within the vials. The samples were placed in a cooler on ice, and delivered to Environmental Science Corp. under strict chain of custody protocol.

The groundwater sample was analyzed for the presence of VOCs per USEPA Method 8260B and GRO and DRO via Wisconsin DNR modified method. The laboratory analytical report is included in *Appendix B*. The detected compounds were compared to the WDNR Enforcement Standard (ES, WDNR NR 140). The groundwater analytical results are summarized in the following table:

**Table 2**  
**Summary of Soil Probe Groundwater Analytical Data**

Soil Probe	GB-1	Action Level
Benzene	BRL	5
Toluene	BRL	1,000
Ethylbenzene	BRL	700
Total Xylenes	BRL	10,000
MTBE	BRL	NE
GRO	BRL	NE
DRO	0.11	NE

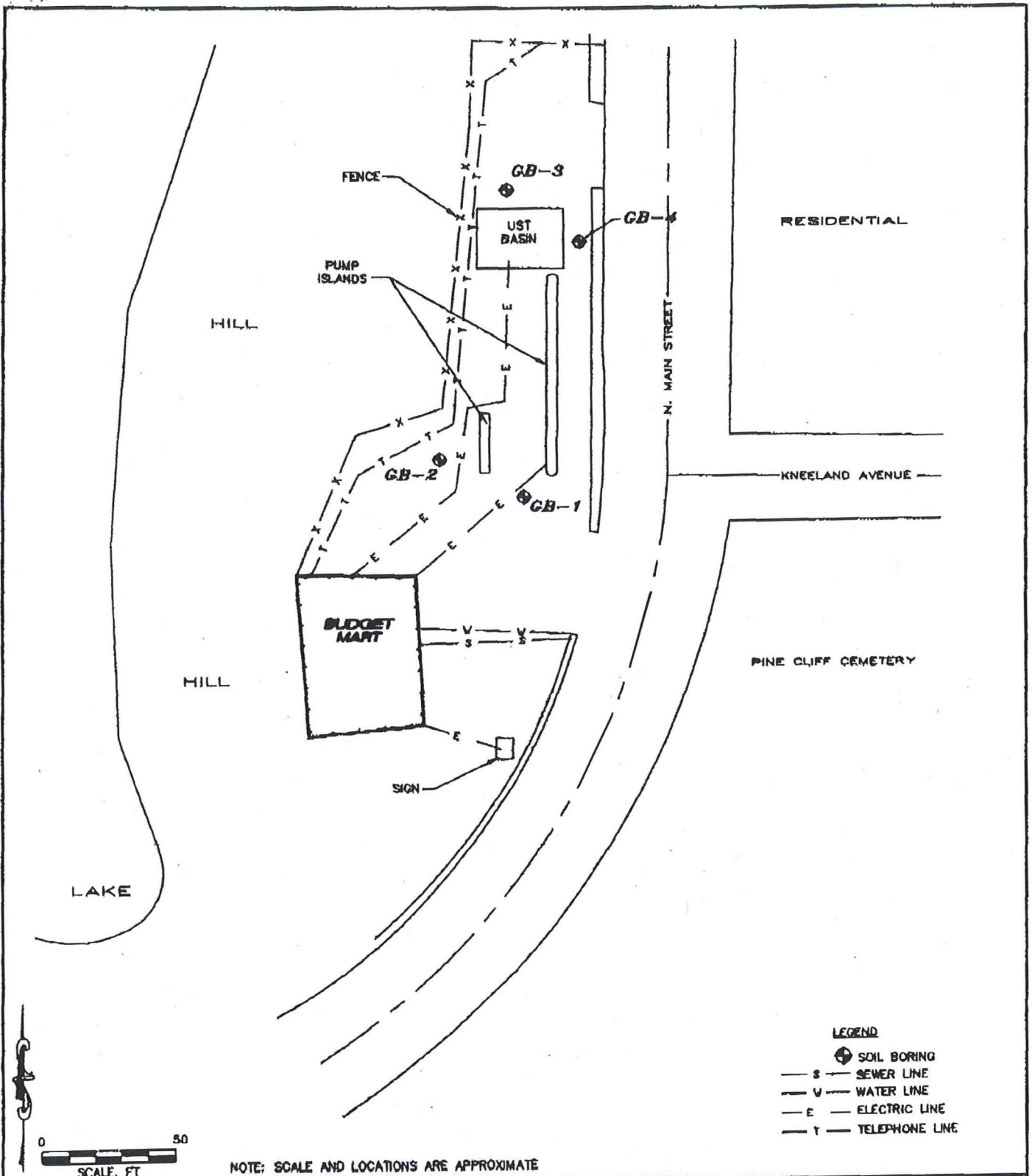
**BOLD:** CONCENTRATIONS IN EXCESS OF STATE ACTION LEVELS EXCEED WDNR ES.  
ALL UNITS EXPRESSED IN MICROGRAMS PER LITER (UG/L = PPB), EXCEPT GRO/DRO  
DRO AND GRO EXPRESSED IN MILLIGRAMS PER LITER (MG/L = PPM)  
NE = NOT ESTABLISHED  
NA = NOT ANALYZED  
BRL = BELOW LABORATORY REPORTING LIMITS

ATC provided TCAS with results of observations made during the site activities and laboratory analytical results. TCAS' consultant, Liesch Associates, Inc. (Liesch), has not confirmed to ATC whether reporting was performed or not. ATC is currently in contact with Liesch to obtain this confirmation.

### REGULATORY COMPLIANCE REVIEW

ATC reviewed the WDC's compliance information for the facility's registered USTs. Information on the USTs is available on the WDC's Storage Tank Database website ([http://apps.commerce.state.wi.us/Er\\_Tanks/ER-EN-TankSearch.htm](http://apps.commerce.state.wi.us/Er_Tanks/ER-EN-TankSearch.htm)). According to this review, three active tanks are currently registered with the WDC. A summary of available compliance status is provided in the following table:

**Table 3**  
**Summary of Tank Compliance**



LEGEND

- ⊕ SOIL BORING
- S — SEWER LINE
- W — WATER LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE



NOTE: SCALE AND LOCATIONS ARE APPROXIMATE

SITE PLAN

**BUDGET MART**  
**17013 N. MAIN STREET**  
**GALESVILLE, WI**

DATE: 6/30/04	FILE: 90.75287.7028
DRAWN BY: BK	FIGURE: NO.1
CAD FILE: SITEGALE	

**VATC** 1829 County Road C2 West  
 Associates, Inc. Rossville, Minnesota 55119  
 Ph: (612) 636-9050 \*\* Fax: (612) 636-9080

In use

8000 gal u/L 9/1/85  
Auto tank gauge

8000 gal u/L 9/1/85  
Auto tank gauge

6000 gal Diesel  
Auto tank gauge

Closed

500 gal kerosene  
when removed



Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Revelpment  Other

Page \_\_\_\_\_ of \_\_\_\_\_

Facility/Project Name BUDGET MART		License/Permit/Monitoring Number		Boring Number GP#1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: KURT Last Name: LIEFERT Firm: THEIN WELL COMPANY		Date Drilling Started 06 / 22 / 04 m m d d y y y y	Date Drilling Completed 06 / 22 / 04 m m d d y y y y	Drilling Method GEOPROBE	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E S/C/N			Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Lat N 44° 05' 11" Long W 091° 20' 85"		
Facility ID	County TREMPEALEN	County Code	Civil Town/City/ or Village GALESVILLE, WI		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			0	0-2													
			2	CONCRETE SILTY SAND BROWN SOFT													
			4	concrete silty sand brown soft													
			6	4-6													
			8	SILTY SAND BROWN SOFT													
			10	6-8													
			12	SILTY SAND BROWN SOFT													
			14	10-12													
			16	SILTY SAND SANDSTONE BRN/LT. BRN MED/HARD													
				12-13													
				SANDSTONE LIGHT BROWN HARD													
				E.O.B. 13'													

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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm THEIN WELL COMPANY

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.



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Route is:  Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other

<b>(1) GENERAL INFORMATION</b>			<b>(2) FACILITY/OWNER INFORMATION</b>	
WI Unique Well No.	DNR Well ID No.	County TREMPEALEN	Facility Name BUDGET MART	
Common Well Name _____		Gov't Lot (If applicable)	Facility ID	License/Permit/Monitoring No.
_____ 1/4 of _____ 1/4 of Sec. _____ ; T. _____ N; R. _____		<input type="checkbox"/> E <input type="checkbox"/> W	Street Address of Well 17013 N MAIN STREET	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S, _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.			City, Village, or Town GALESVILLE, WI	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>			Present Well Owner TWIN CITIES AVANTI STORES	
Lat. N44 05 111. _____ " Long W091 20 858. _____ " or			Original Owner	
_____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone			Street Address or Route of Owner C/O MCKENNA, LONG & ALDRIDGE 303 PEACHTREE STREET NE SUITE 5300	
Reason For Abandonment BORE HOLE ONLY	WI Unique Well No. of Replacement Well _____		City, State, Zip Code ATLANTA, GA 30308	

<b>(3) WELL/DRILLHOLE/BOREHOLE INFORMATION</b>		<b>(4) PUMP, LINER, SCREEN, CASING, &amp; SEALING MATERIAL</b>		
Original Construction Date <u>6/22/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable		
<input type="checkbox"/> Monitoring Well		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable		
<input type="checkbox"/> Water Well		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable		
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Construction Type:		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No N/A		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Formation Type:		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material		
Total Well Depth (ft.) <u>13'</u> Casing Diameter (in.) <u>N/A</u>		<input type="checkbox"/> Conductor Pipe-Gravity <input checked="" type="checkbox"/> Conductor Pipe-Pumped		
(From ground surface) Casing Depth (ft.) _____		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)		
Lower Drillhole Diameter (in.) _____		Sealing Materials		
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Neat Cement Grout		
If Yes, To What Depth? _____ Feet		For monitoring wells and monitoring well boreholes only		
Depth to Water (Feet) <u>12'</u>		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips		
		<input type="checkbox"/> Concrete <input type="checkbox"/> Granular Bentonite		
		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Bentonite - Cement Grout		
		<input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Bentonite - Sand Slurry		
		<input type="checkbox"/> Bentonite Chips		

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
NEAT CEMENT	Surface	13'	One		

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(6) Comments: GP#1

<b>(7) Name of Person or Firm Doing Sealing Work</b>		<b>Date of Abandonment</b>	
THEIR WELL COMPANY		6/22/04	
Signature of Person Doing Work		Date Signed	
<i>[Signature]</i>		7/12/04	
Street or Route		Telephone Number	
P.O. Box 429		(320) 847-3207	
City, State, Zip Code			
Clara City, MN 56222			

FOR DNR OR COUNTY USE ONLY	
Date Received	Noted By
Comments	
_____	


Route To: Watershed/Wastewater  Waste Management   
 Remediation/Revelopment  Other

Page \_\_\_\_\_ of \_\_\_\_\_

Facility/Project Name BUDGET MART			License/Permit/Monitoring Number		Boring Number GP#4
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: KURT Last Name: LIEFERT Firm: THEIN WELL COMPANY			Date Drilling Started 06 / 22 / 04 m m d d y y y y	Date Drilling Completed 06 / 22 / 04 m m d d y y y y	Drilling Method GEOPROBE
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E S/C/N			_____ Feet <input type="checkbox"/> N <input type="checkbox"/> E _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W		Long 109° 20' 39" W			
Facility ID	County TREMPEALEN	County Code	Civil Town/City/ or Village GALESVILLE, WI		

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			0-2	CONCRETE SILTY SAND BROWN SOFT										
			2-4	CONCRETE SILTY SAND BROWN SOFT										
			4-6	SILTY SAND BROWN SOFT										
			6-8	SILTY SAND BROWN SOFT										
			8-10	SILTY SANDY CLAY SANDSTONE LIGHT BROWN MED										
			10-12	SILTY SANDY CLAY SANDSTONE LIGHT BROWN MED										
			12	E.O.B. 12'										

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I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature:  Firm: THEIN WELL COMPANY

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Use for:  Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other

<b>(1) GENERAL INFORMATION</b>			<b>(2) FACILITY/ OWNER INFORMATION</b>	
WI Unique Well No.	DNR Well ID No.	County	Facility Name	
		TREMPEALEN	BUDGET MART	
Common Well Name _____ Gov't Lot (if applicable) _____			Facility ID	License/Permit/Monitoring No.
_____ 1/4 of _____ 1/4 of Sec. _____ ; T. _____ N; R. _____ <input type="checkbox"/> E <input type="checkbox"/> W			Street Address of Well	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.			17013 N MAIN STREET	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>			City, Village, or Town	
Lat. N44° 05' 123. " Long W091° 20' 839. " or			GALESVILLE, WI	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone			Present Well Owner	Original Owner
Reason For Abandonment			TWIN CITIES AVANTI STORES	
BORE HOLE ONLY			Street Address or Route of Owner	
WI Unique Well No. _____ of Replacement Well _____			C/O MCKENNA, LONG & ALDRIDGE	
			303 PEACHTREE STREET NE SUITE 5300	
			City, State, Zip Code	
			ATLANTA, GA 30308	

<b>(3) WELL/DRILLHOLE/BOREHOLE INFORMATION</b>		<b>(4) PUMP, LINER, SCREEN, CASING, &amp; SEALING MATERIAL</b>	
Original Construction Date	6/22/04	Pump & Piping Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well	If a Well Construction Report is available, please attach.	Liner(s) Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Water Well		Screen Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing Left in Place?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type:		Was Casing Cut Off Below Surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No N/A
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did Sealing Material Rise to Surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Other (Specify) GEOPROBE		Did Material Settle After 24 Hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Formation Type:		If Yes, Was Hole Retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material	
Total Well Depth (ft.) 12 Casing Diameter (in.) N/A		<input type="checkbox"/> Conductor Pipe-Gravity <input checked="" type="checkbox"/> Conductor Pipe-Pumped	
(From ground surface) Casing Depth (ft.) _____		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)	
Lower Drillhole Diameter (in.) _____		Sealing Materials	For monitoring wells and monitoring well boreholes only
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Bentonite Chips
If Yes, To What Depth? _____ Feet		<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Granular Bentonite
Depth to Water (feet) _____		<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite - Cement Grout
		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	<input type="checkbox"/> Bentonite - Sand Slurry
		<input type="checkbox"/> Bentonite-Sand Slurry " "	<input type="checkbox"/> Bentonite - Sand Slurry
		<input type="checkbox"/> Bentonite Chips	

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
NEAT CEMENT	Surface	12	One		

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(6) Comments: GP#4

<b>(7) Name of Person or Firm Doing Sealing Work</b>		<b>Date of Abandonment</b>	
THEIN WELL COMPANY		6/22/04	
Signature of Person Doing Work		Date Signed	
<i>[Signature]</i>		7/12/04	
Street or Route		Telephone Number	
P.O. Box 429		(320) 847-3207	
City, State, Zip Code			
Clara City, MN 56222			

FOR DNR OR COUNTY USE ONLY	
Date Received	Noted By
Comments	

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Revelpment  Other

Page \_\_\_\_ of \_\_\_\_

Facility/Project Name BUDGET MART			License/Permit/Monitoring Number			Boring Number GP#3					
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: KURT Last Name: LIEFERT Firm: THEIN WELL COMPANY			Date Drilling Started 06 / 22 / 04 m m d d y y y y		Date Drilling Completed 06 / 22 / 04 m m d d y y y y		Drilling Method GEOPROBE				
WI Unique Well No.		DNR Well ID No.		Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			State Plane _____ N, _____ E S/C/N			Local Grid Location			<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Lat N 44° 05' 12.9"			Long W 091° 20' 8.2"			Feet _____ Feet _____		
Facility ID			County TREMPEALEN			County Code			Civil Town/City/ or Village GALESVILLE, WI		

Sample Number and Type	Length, Alt. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			0	0-2													
			2	CONCRETE SILTY SAND DK. BRN/GRAY	SOFT												
			4	CONCRETE SILTY SAND DK. BRN/GRAY	SOFT												
			6	SILTY SAND DK. BRN/GRAY	SOFT												
			8	SILTY SAND DK. BRN/GRAY	SOFT												
			10	SILTY SANDY CLAY SANDSTONE BROWN	MED/HARD												
			12	SILTY SANDY CLAY SANDSTONE BROWN	MED/HARD												
			14	SANDSTONE LIGHT BROWN	HARD												
			16	SANDSTONE LIGHT BROWN	HARD												
			16	E.O.B. 15 1/2	REFUSAL												

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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm THEIN WELL COMPANY
---------------	----------------------------

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Route for:  Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other

(1) GENERAL INFORMATION (2) FACILITY/OWNER INFORMATION

WI Unique Well No.	DNR Well ID No.	County TREMPEALEN	Facility Name BUDGET MART
Common Well Name _____ Gov't Lot (If applicable) _____		Facility ID	License/Permit/Monitoring No.
_____ 1/4 of _____ 1/4 of Sec. _____ ; T. _____ N; R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Street Address of Well 17013 N MAIN STREET	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, Village, or Town GALESVILLE, WI	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Present Well Owner TWIN CITIES AVANTI STORES	Original Owner
Lat N 44° 05' 129" Long W 091° 20' 842" or		Street Address or Route of Owner C/O MCKENNA, LONG & ALDRIDGE 303 PEACHTREE STREET NE SUITE 5300	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone		City, State, Zip Code ATLANTA, GA 30308	
Reason For Abandonment BORE HOLE ONLY	WI Unique Well No. of Replacement Well _____		

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION (4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Original Construction Date <u>6/22/04</u>	If a Well Construction Report is available, please attach.	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No
Total Well Depth (ft.) <u>15 1/2</u> Casing Diameter (in.) <u>N/A</u>		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <u>N/A</u>
(From ground surface) Casing Depth (ft.) _____		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Lower Drillhole Diameter (in.) _____		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, To What Depth? _____ Feet		Required Method of Placing Sealing Material
Depth to Water (Feet) _____		<input type="checkbox"/> Conductor Pipe-Gravity <input checked="" type="checkbox"/> Conductor Pipe-Pumped
		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)
		Sealing Materials For monitoring wells and monitoring well boreholes only
		<input checked="" type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Chips
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Granular Bentonite
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout
		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Bentonite - Sand Slurry
		<input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Bentonite - Sand Slurry
		<input type="checkbox"/> Bentonite Chips

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
NEAT CEMENT	Surface	15 1/2	One		

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(6) Comments: GP#3

(7) Name of Person or Firm Doing Sealing Work THEM WELL COMPANY	Date of Abandonment 6/22/04	FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work <i>[Signature]</i>	Date Signed 7/12/04	Date Received	Noted By
Street or Route P.O. Box 429	Telephone Number (320) 847-3207	Comments	
City, State, Zip Code Clara City, MN 56222			

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Revelopment  Other

Page \_\_\_\_ of \_\_\_\_

Facility/Project Name BUDGET MART		License/Permit/Monitoring Number		Boring Number GP#2	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: KURT Last Name: LIEFERT Firm: THEIN WELL COMPANY		Date Drilling Started 06 / 22 / 04 m m d d y y y y		Date Drilling Completed 06 / 22 / 04 m m d d y y y y	
WI Unique Well No.		DNR Well ID No.		Well Name	
Final Static Water Level ____ Feet MSL		Surface Elevation ____ Feet MSL		Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E S/C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W		Lat N 44° 05' 12.2"		Long W 091° 20' 85.3"	
Facility ID		County TREMPEALEN		County Code _____ Civil Town/City/ or Village GALESVILLE, WI	

Sample Number and Type	Length, Att. & Recovered (in.)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			0	0-2											
			2	CONCRETE SILTY SAND BROWN SOFT											
			4	CONCRETE SILTY SAND BROWN SOFT											
			6	SILTY SAND BROWN MED											
			8	SILTY SAND BROWN MED											
			10	SILTY SANDY CLAY SANDSTONE LIGHT BROWN MED/HARD											
			12	SILTY SANDY CLAY SANDSTONE LIGHT BROWN MED/HARD											
			14	E.O.B. 12' REFUSAL											
			16												

RECEIVED  
AUG - 9 2004  
LINT...

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature: *[Signature]* Firm: THEIN WELL COMPANY

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.



Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route by:  Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other \_\_\_\_\_

<b>(1) GENERAL INFORMATION</b>			<b>(2) FACILITY/ OWNER INFORMATION</b>	
WI Unique Well No.	DNR Well ID No.	County TREMPEALEN	Facility Name BUDGET MART	
Common Well Name _____		Gov't Lot (If applicable) _____ 1/4 of _____ 1/4 of Sec. _____ ; T. _____ N; R. _____ <input type="checkbox"/> E <input type="checkbox"/> W	Facility ID	License/Permit/Monitoring No.
_____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>	Street Address of Well 17013 N MAIN STREET	
Lat. N44° 05' 122. _____ " Long W091° 20' 853. _____ " or		St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone	City, Village, or Town GALESVILLE, WI	
Reason For Abandonment BORE HOLE ONLY		WI Unique Well No. of Replacement Well _____	Present Well Owner TWIN CITIES AVANTI STORES	
			Original Owner C/O MCKENNA, LONG & ALDRIDGE	
			Street Address or Route of Owner 303 PEACHTREE STREET NE SUITE 5300	
			City, State, Zip Code ATLANTA, GA 30308	

<b>(3) WELL/DRILLHOLE/BOREHOLE INFORMATION</b>		<b>(4) PUMP, LINER, SCREEN, CASING, &amp; SEALING MATERIAL</b>		
Original Construction Date <u>6/22/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable		
<input type="checkbox"/> Monitoring Well		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable		
<input type="checkbox"/> Water Well		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable		
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Construction Type:		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Formation Type:		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material		
Total Well Depth (ft.) <u>12'</u> Casing Diameter (in.) <u>N/A</u>		<input type="checkbox"/> Conductor Pipe-Gravity <input checked="" type="checkbox"/> Conductor Pipe-Pumped		
(From ground surface) Casing Depth (ft.) _____		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)		
Lower Drillhole Diameter (in.) _____		Sealing Materials		
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Neat Cement Grout		
If Yes, To What Depth? _____ Feet		For monitoring wells and monitoring well boreholes only		
Depth to Water (Feet) _____		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips		
		<input type="checkbox"/> Concrete <input type="checkbox"/> Granular Bentonite		
		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Bentonite - Cement Grout		
		<input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Bentonite - Sand Slurry		
		<input type="checkbox"/> Bentonite Chips		

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
NEAT CEMENT	Surface	12'	One		

RECEIVED  
AUG - 9 2004  
DNR

(6) Comments: GP#2

<b>(7) Name of Person or Firm Doing Sealing Work</b>		<b>Date of Abandonment</b>	
THEIN WELL COMPANY		6/22/04	
Signature of Person Doing Work		Date Signed	
		7/12/04	
Street or Route		Telephone Number	
P.O. Box 429		(320) 847-3207	
City, State, Zip Code			
Clara City, MN 56222			

FOR DNR OR COUNTY USE ONLY	
Date Received	Noted By
Comments	



1929 County Road C2 W  
Roseville, Minnesota 55113  
www.atc-enviro.com  
651-635-9050  
Fax 651-635-9080

phone to Galesville City Clerk

608-582-2475

This is same property  
to 219 N. Main St.

CASE# 03-62-000176

RECEIVED

Quik stop

MAY 10 2005

closed 5/17/99

DNR-WCR

w/ GWUR

on GIS Registry

8/31/05

May 4, 2005

Eileen Kramer, Hydrogeologist  
Wisconsin Department of Natural Resources  
Remediation and Redevelopment Program  
1300 West Clairemont Avenue  
P.O. Box 4001  
Eau Claire, WI 54702-4001  
Phone: (715) 839-3700  
Fax: (715) 839-6076

RE: Requested Information  
Twin Cities Avanti Store Site  
17013 North Main Street  
Galesville, WI

Phone to Dave Palston, ATC  
8/31/05 - NAR

Dear Ms. Kramer:

ATC Associates, Inc. (ATC), on behalf of LaSalle Bank National Association, is pleased to present this letter summarizing additional information related to the underground storage tank (UST) release at the above listed site. ATC reported a release for the site based on the results of a subsurface investigation completed in June 2004. In response, your e-mail dated April 20, 2005, requested submittal of additional information in order to determine whether the incident is eligible for closure or if additional investigation is required. Following is a summary the additional information requested in your e-mail:

1. A lab report showing data for all geoprobes collected on-site.
2. Field screening numbers.
3. Chain of custody forms for the laboratory samples
4. Information about how long the site has operated as a gas station.
5. Information about other tanks that may have existed on the property in the past.
6. Rationale for soil boring locations.

Response to Items 1 through 3: Please find the enclosed Geoprobe lab reports, field screening numbers, and chain of custody.

Response to Items 4 and 5: According to Wisconsin Department of Commerce (WDC) tank registration records, the existing UST system was installed on September 1, 1985. The existing UST system consists of two 8,000-gallon gasoline USTs and one 6,000-gallon diesel UST. One additional 500-gallon kerosene aboveground storage tank (AST) is registered for the site. The

AST status on the WDC database indicates the tank has been removed, but the installation and removal dates are not listed. ATC conducted additional investigation into the usage of the property prior to 1985 to confirm whether or not a previous UST system may have been present. Based on City of Galesville records, the property was zoned residential and contained a single-family dwelling prior to 1985. The 500-gallon kerosene AST indicated on the WDC tank registration database was reportedly utilized for the residence and was removed when the site was redeveloped as a gas station. ATC has not identified documentation of tanks at the site historically other than the former 500-gallon kerosene AST and the existing UST system.

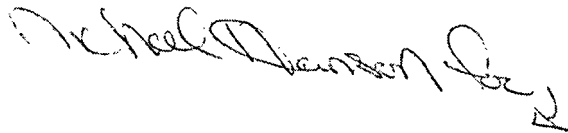
Response to Item 6: The purpose of ATC's June 2004 subsurface investigation was to evaluate baseline soil and groundwater quality in the vicinity of the existing UST system. As such, ATC placed borings adjacent to and downgradient of the USTs, product lines, and dispensers, while maintaining a safe distance from drilling hazards such as utility lines and the below-grade portions of the UST system.

If you have questions or comments regarding the information in this letter, please do not hesitate to contact Genna Olson in ATC's Raleigh, North Carolina office at (919) 871-0999 or Dane Ralston in ATC's Roseville, Minnesota office at (651) 635-9050.

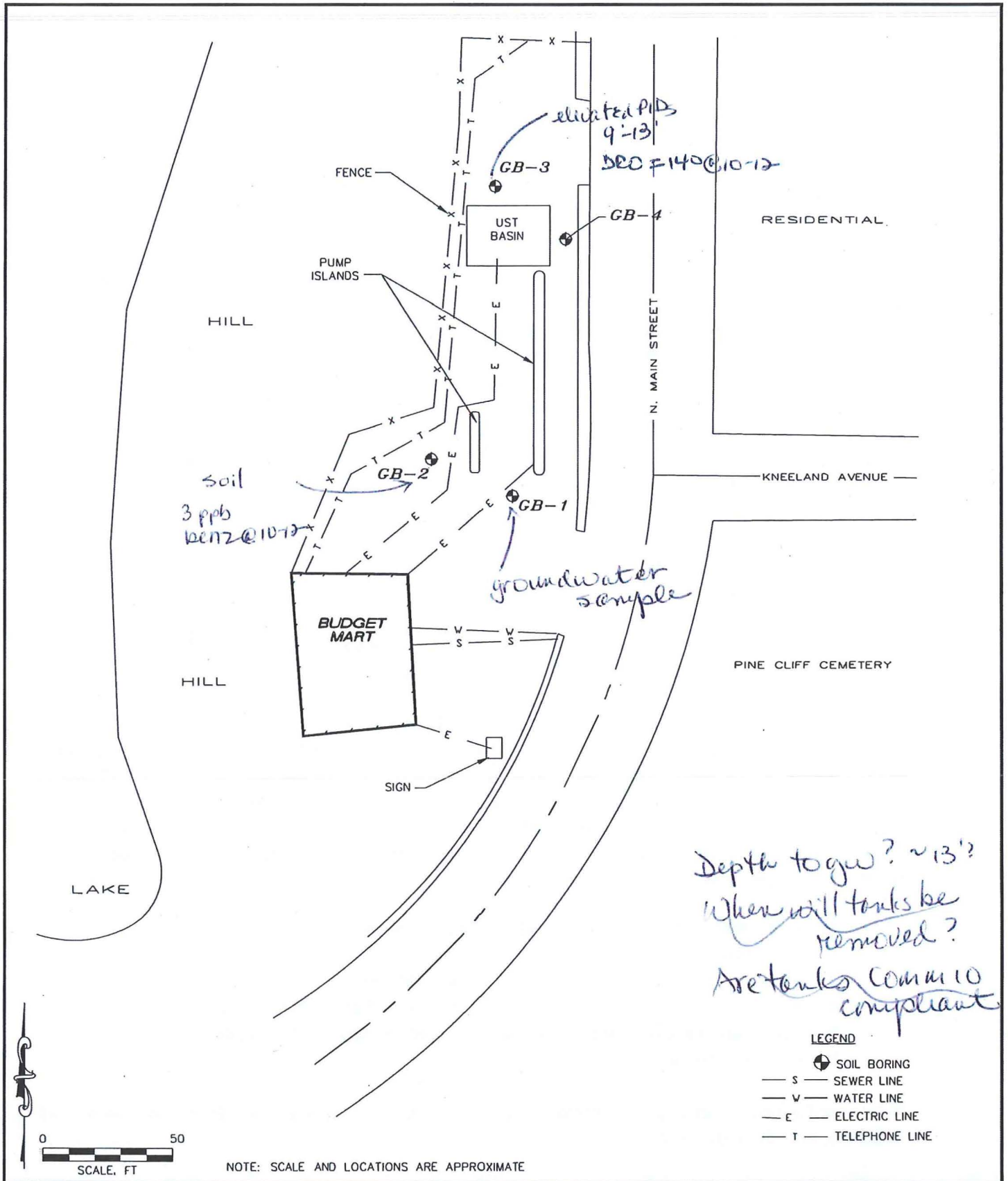
Sincerely,  
ATC Associates, Inc.

Handwritten signature of Dane P.V. Ralston in black ink, featuring a large 'D' and 'R' with 'Ralston' written in smaller letters below the 'R'.

Dane P.V. Ralston  
Staff Scientist

Handwritten signature of Genna K. Olson in black ink, appearing as a cursive script.

Genna K. Olson, P.G.  
Senior Project Manager



NOTE: SCALE AND LOCATIONS ARE APPROXIMATE

**SITE PLAN**

**BUDGET MART  
17013 N. MAIN STREET  
GALESVILLE, WI**

DATE: 6/30/04	FILE: 90.75267.7028
DRAWN BY: BK	FIGURE: NO.1
CAD FILE: SITEGALE	

**VATC** ASSOCIATES INC.  
1929 County Road C2 West  
Roseville, Minnesota 55113  
Ph: (612) 635-9050 \*\* Fax: (612) 635-9080

**ATC ASSOCIATES INC.**

1929 County Road C2 West, Roseville, MN 55113  
 PH:651-635-9050 \*\*\* FAX:651-635-9080

**LOG OF SOIL BORING NO. GB-1**

FILE # 90.75267.7028GA

SHEET 1 OF 1

**WATER LEVEL DATA**  
 NE = Not Encountered

STARTED 6/22/04  
 COMPLETED 6/22/04  
 ENGINEER C. CASHMAN  
 DRILLER THEIN  
 DRILLING EQUIP.  
 DRILLING METHOD GEOPROBE

**LOCATION BUDGET MART**

17013 N. MAIN STREET  
 GALESVILLE, WI

CLIENT MCKENNA LONG & ALDRIDGE, LLP  
 ATLANTA, GA

DEPTH (FT)	GROUND ELEVATION: (EST.)		SAMPLE DATA					BORING AND SAMPLING NOTES	DEPTH (FT)		
	LITH. TYPE	STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG	STRATA DEPTH (FT)	RECOVERY TYPE	NUMBER	STANDARD PENETRATION TEST-BLOWS/6" #="N" Value	Qu - TSF			Qp - TSF	PID READING
0.3	Concrete		0.3								
0.8	Gravel		0.8		1				0.8		
2.5	Brown silty CLAY, slightly moist (CL)				2				0.9		
5.0	Brown silty SAND, slightly moist (SM)		5.0		3				1.1		
6.0	Brown fine to coarse SAND, moist (SW)		6.0		4				0.6		
7.5					5				0.6		
10.0					6				0.8		
12.5											
13.0	AUGER REFUSAL BEDROCK BORING TERMINATED AT 13.0'		13.0								

**NOTES:**

**LEGEND**

- SPLIT-SPOON
- AUGER
- SHELBY TUBE
- GEOPROBE
- ROCK CORE
- HAND AUGER

▽ W.D. - WHILE DRILLING    ▼ A.D. - AFTER DRILLING    ▼ HOUR(S) AFTER DRILLING  
 THE 'N' VALUES IN THE STANDARD PENETRATION TEST ARE BLOWS PER FOOT REQUIRED TO DRIVE A 2-IN. O.D. SPLIT-SPOON SAMPLER USING A 140 LB. WEIGHT FALLING FREE FOR A DISTANCE OF 30 INCHES.

Qu = Unconfined Compressive Strength  
 Qp = Calibrated Hand Penetrometer



**ATC ASSOCIATES INC.**

1929 County Road C2 West, Roseville, MN 55113  
 PH:651-635-9050 \*\*\* FAX:651-635-9080

**LOG OF SOIL BORING NO. GB-2**

FILE # 90.75267.7028GA

SHEET 1 OF 1

**WATER LEVEL DATA**

NE = Not Encountered

FT. WHILE DRILLING

FT. AT COMPLETION

FT. AT HR. A.D.

FT. T HR. A.D.

STARTED 6/22/04

COMPLETED 6/22/04

ENGINEER C. CASHMAN

DRILLER THEIN

DRILLING EQUIP.

DRILLING METHOD GEOPROBE

LOCATION BUDGET MART

17013 N. MAIN STREET

GALESVILLE, WI

CLIENT MCKENNA LONG & ALDRIDGE, LLP

ATLANTA, GA

DEPTH (FT)	GROUND ELEVATION: (EST.)		SAMPLE DATA				BORING AND SAMPLING NOTES	DEPTH (FT)					
	LITH. TYPE	STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG	STRATA DEPTH (FT)	RECOVERY TYPE	NUMBER	STANDARD PENETRATION TEST-BLOWS/6" #="N" Value			Qu - TSF	Qp - TSF	PID READING		
0.0	Concrete		0.3										
0.0	Gravel		0.8		1					0.7			
2.5	Dark brown fine to coarse SAND, slightly moist (SW)				2					0.7			
5.0	tan below 6'				3					1.2			
7.5	very low recovery at 8' to 12'				4					1.3			
10.0					5								
11.0	Fine to coarse GRAVEL (GW)		11.0		6					1.7			
12.0	AUGER REFUSAL BEDROCK BORING TERMINATED AT 12.0'		12.0										

**NOTES:**

**LEGEND**

- SPLIT-SPOON
- AUGER
- SHELBY TUBE
- GEOPROBE
- ROCK CORE
- HAND AUGER

▽ W.D. - WHILE DRILLING ▼ A.D. - AFTER DRILLING ▼ HOUR(S) AFTER DRILLING

Qu = Unconfined Compressive Strength  
 Qp = Calibrated Hand Penetrometer

THE 'N' VALUES IN THE STANDARD PENETRATION TEST ARE BLOWS PER FOOT REQUIRED TO DRIVE A 2-IN. O.D. SPLIT-SPOON SAMPLER USING A 140 LB. WEIGHT FALLING FREE FOR A DISTANCE OF 30 INCHES.

**ATC ASSOCIATES INC.**

1929 County Road C2 West, Roseville, MN 55113  
 PH:651-635-9050 \*\*\* FAX:651-635-9080

**LOG OF SOIL BORING NO. GB-3**

FILE # 90.75267.7028GA SHEET 1 OF 1

**WATER LEVEL DATA**

NE = Not Encountered

STARTED 6/22/04  
 COMPLETED 6/22/04  
 ENGINEER C. CASHMAN  
 DRILLER THEIN  
 DRILLING EQUIP.  
 DRILLING METHOD GEOPROBE

**LOCATION BUDGET MART**

17013 N. MAIN STREET

GALESVILLE, WI

CLIENT MCKENNA LONG & ALDRIDGE, LLP

ATLANTA, GA

DEPTH (FT)	GROUND ELEVATION: (EST.)		SAMPLE DATA				Qu - TSF	Qp - TSF	PID READING	BORING AND SAMPLING NOTES	DEPTH (FT)
	LITH. TYPE	STRATA ELEVATION/DEPTH	SOIL DESCRIPTION	GRAPHIC LOG	STRATA DEPTH (FT)	RECOVERY					
0.0	Concrete				0.3						
0.0	Gravel				0.8						
0.0 - 2.5			Brown fine to coarse SAND, slightly moist (SW)			1			1.1		
2.5 - 5.0						2			1		
5.0 - 7.5			dark brown at 5'			3			1.3		
7.5 - 10.0						4			1.4		
10.0 - 12.5						5			76		
12.5 - 15.0						6			150		
15.0 - 17.5						7			180		
17.5 - 15.5						8					
15.5			AUGER REFUSAL BEDROCK BORING TERMINATED AT 15.5'		15.5						

**NOTES:**

**LEGEND**

- SPLIT-SPOON
- AUGER
- SHELBY TUBE
- GEOPROBE
- ROCK CORE
- HAND AUGER

W.D. - WHILE DRILLING    A.D. - AFTER DRILLING    HOURS AFTER DRILLING  
 THE 'N' VALUES IN THE STANDARD PENETRATION TEST ARE BLOWS PER FOOT REQUIRED TO DRIVE A 2-IN. O.D. SPLIT-SPOON SAMPLER USING A 140 LB. WEIGHT FALLING FREE FOR A DISTANCE OF 30 INCHES.

Qu = Unconfined Compressive Strength  
 Qp = Calibrated Hand Penetrometer



**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

July 06, 2004

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-1 4-6 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 10:00

ESC Sample # : L159712-01  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.7		%	2540G	07/03/04	1
WI DNR						
GRO	BDL	2.8	mg/kg	8015	07/06/04	24.5
Surrogate Recovery (70-130)						
2,5-Dibromotoluene	110		% Rec.	8015	07/06/04	24.5
<b>Volatile Organics</b>						
Acetone	BDL	0.14	mg/kg	8260B	07/01/04	5
Acrolein	BDL	0.29	mg/kg	8260B	07/01/04	5
Acrylonitrile	BDL	0.058	mg/kg	8260B	07/01/04	5
Allyl chloride	BDL	0.029	mg/kg	8260B	06/30/04	5
Benzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Bromobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Bromodichloromethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
Bromoform	BDL	0.0058	mg/kg	8260B	07/01/04	5
Bromomethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
n-Butylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
sec-Butylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
tert-Butylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Carbon tetrachloride	BDL	0.0058	mg/kg	8260B	07/01/04	5
Chlorobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Chlorodibromomethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
Chloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
2-Chloroethyl vinyl ether	BDL	0.29	mg/kg	8260B	07/01/04	5
Chloroform	BDL	0.029	mg/kg	8260B	07/01/04	5
Chloromethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
2-Chlorotoluene	BDL	0.0058	mg/kg	8260B	07/01/04	5
4-Chlorotoluene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2-Dibromo-3-Chloropropane	BDL	0.012	mg/kg	8260B	07/01/04	5
1,2-Dibromoethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
Dibromomethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,3-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,4-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1-Dichloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2-Dichloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1-Dichloroethene	BDL	0.0058	mg/kg	8260B	07/01/04	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**ATC ASSOCIATES INC.**

1929 County Road C2 West, Roseville, MN 55113  
 PH:651-635-9050 \*\*\* FAX:651-635-9080

**LOG OF SOIL BORING NO. GB-4**

FILE # 90.75267.7028GA SHEET 1 OF 1

**WATER LEVEL DATA**

NE = Not Encountered

STARTED 6/22/04

LOCATION BUDGET MART

FT. WHILE DRILLING

COMPLETED 6/22/04

17013 N. MAIN STREET

FT. AT COMPLETION

ENGINEER C. CASHMAN

GALESVILLE, WI

FT. AT HR. A.D.

DRILLER THEIN

CLIENT MCKENNA LONG & ALDRIDGE, LLP

FT. AT HR. A.D.

DRILLING EQUIP.  
 DRILLING METHOD GEOPROBE

ATLANTA, GA

DEPTH (FT)	GROUND ELEVATION: (EST.)		SAMPLE DATA					BORING AND SAMPLING NOTES	DEPTH (FT)				
	LITH. TYPE	STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG	STRATA DEPTH (FT)	TYPE	RECOVERY	NUMBER	STANDARD PENETRATION TEST - BLOWS/6" # = "N" Value			Qu - TSF	Qp - TSF	PID READING	
0.0	Concrete		0.3										
0.0	Gravel		0.8										
0.0	Brown fine to coarse SAND, slightly moist (SW)					1				1.6			
2.5						2				1.6			
5.0						3				0.4			
7.5	mottled at 6' to 8'					4				1.6			
10.0						5				1.6			
12.0						6				0.5			
12.0	AUGER REFUSAL BEDROCK BORING TERMINATED AT 12.0'		12.0										

**NOTES:**

**LEGEND**

- SPLIT-SPOON
- AUGER
- SHELBY TUBE
- GEOPROBE
- ROCK CORE
- HAND AUGER

W.D. - WHILE DRILLING    A.D. - AFTER DRILLING    HOUR(S) AFTER DRILLING

Qu = Unconfined Compressive Strength  
 Qp = Calibrated Hand Penetrometer

THE 'N' VALUES IN THE STANDARD PENETRATION TEST ARE BLOWS PER FOOT REQUIRED TO DRIVE A 2-IN. O.D. SPLIT-SPOON SAMPLER USING A 140 LB. WEIGHT FALLING FREE FOR A DISTANCE OF 30 INCHES.



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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-1 4-6 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 10:00

ESC Sample # : L159712-01

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	07/01/04	5
trans-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1-Dichloropropene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,3-Dichloropropane	BDL	0.0058	mg/kg	8260B	07/01/04	5
cis-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	07/01/04	5
trans-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	07/01/04	5
2,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	07/01/04	5
Di-isopropyl ether	BDL	0.0058	mg/kg	8260B	07/01/04	5
Ethylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Ethyl ether	BDL	0.0058	mg/kg	8260B	07/01/04	5
Hexachlorobutadiene	BDL	0.0058	mg/kg	8260B	07/01/04	5
2-Hexanone	BDL	0.0058	mg/kg	8260B	07/01/04	5
Isopropylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
p-Isopropyltoluene	BDL	0.0058	mg/kg	8260B	07/01/04	5
2-Butanone (MEK)	BDL	0.0058	mg/kg	8260B	07/01/04	5
Methylene Chloride	BDL	0.029	mg/kg	8260B	07/01/04	5
4-Methyl-2-pentanone (MIBK)	BDL	0.0058	mg/kg	8260B	07/01/04	5
Methyl tert-butyl ether	BDL	0.0058	mg/kg	8260B	07/01/04	5
Naphthalene	BDL	0.029	mg/kg	8260B	07/01/04	5
n-Propylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Styrene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1,1,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1,2,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0058	mg/kg	8260B	07/01/04	5
Tetrachloroethene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Tetrahydrofuran	BDL	0.029	mg/kg	8260B	07/01/04	5
Toluene	BDL	0.029	mg/kg	8260B	07/01/04	5
1,2,3-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2,4-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1,1-Trichloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,1,2-Trichloroethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
Trichloroethene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2,3-Trichloropropane	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2,4-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,2,3-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
1,3,5-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	07/01/04	5
Vinyl chloride	BDL	0.0058	mg/kg	8260B	07/01/04	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-1 4-6 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 10:00

ESC Sample # : L159712-01

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Xylenes, Total	BDL	0.018	mg/kg	8260B	07/01/04	5
Surrogate Recovery						
Toluene-d8	100		% Rec.	8260B	07/01/04	5
Dibromofluoromethane	95		% Rec.	8260B	07/01/04	5
4-Bromofluorobenzene	110		% Rec.	8260B	07/01/04	5
WI DRO	BDL	12.	mg/kg	8015M	07/01/04	1
Surrogate Recovery (50-150)						
Triacantane	100		% Rec.	8015M	07/01/04	1

  
John Hawkins, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-2 10-12 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 11:00

ESC Sample # : L159712-02  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.5		%	2540G	07/06/04	1
WI DNR						
GRO	BDL	2.8	mg/kg	8015	07/06/04	25.5
Surrogate Recovery (70-130)						
2,5-Dibromotoluene	120		% Rec.	8015	07/06/04	25.5
Volatile Organics						
Acetone	BDL	0.028	mg/kg	8260B	07/01/04	1
Acrolein	BDL	0.055	mg/kg	8260B	07/01/04	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/01/04	1
Allyl chloride	BDL	0.0055	mg/kg	8260B	06/30/04	1
Benzene	0.0030	0.0011	mg/kg	8260B	07/01/04	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/01/04	1
Bromomethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/01/04	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
Chloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	07/01/04	1
Chloroform	BDL	0.0055	mg/kg	8260B	07/01/04	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/04	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2-Dibromo-3-Chloropropane	BDL	0.0022	mg/kg	8260B	07/01/04	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Dichlorodifluoromethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/04	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-2 10-12 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 11:00

ESC Sample # : L159712-02  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/04	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/04	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/04	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/04	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/04	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/01/04	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Ethyl ether	BDL	0.0011	mg/kg	8260B	07/01/04	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	07/01/04	1
2-Hexanone	BDL	0.011	mg/kg	8260B	07/01/04	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/01/04	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/01/04	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	07/01/04	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/01/04	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/01/04	1
Naphthalene	BDL	0.0055	mg/kg	8260B	07/01/04	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Styrene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/01/04	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Tetrahydrofuran	BDL	0.0055	mg/kg	8260B	07/01/04	1
Toluene	BDL	0.0055	mg/kg	8260B	07/01/04	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Trichlorofluoromethane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/04	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/01/04	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-2 10-12 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 11:00

ESC Sample # : L159712-02

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/01/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	8260B	07/01/04	1
Dibromofluoromethane	100		% Rec.	8260B	07/01/04	1
4-Bromofluorobenzene	100		% Rec.	8260B	07/01/04	1
WI DRO	BDL	11.	mg/kg	8015M	07/01/04	1
Surrogate Recovery (50-150)						
Triacantane	100		% Rec.	8015M	07/01/04	1

  
John Hawkins, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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**REPORT OF ANALYSIS**

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

July 06, 2004

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-3 12-14 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 11:45

ESC Sample # : L159712-03

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

*why elevated  
det. limit*

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.2		%	2540G	07/06/04	1
WI DNR GRO	18.	3.1	mg/kg	8015	07/06/04	27
Surrogate Recovery (70-130) 2,5-Dibromotoluene	120		% Rec.	8015	07/06/04	27
<b>Volatile Organics</b>						
Acetone	BDL	0.14	mg/kg	8260B	07/02/04	5
Acrolein	BDL	0.28	mg/kg	8260B	07/02/04	5
Acrylonitrile	BDL	0.057	mg/kg	8260B	07/02/04	5
Allyl chloride	BDL	0.028	mg/kg	8260B	07/02/04	5
Benzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Bromobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Bromodichloromethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
Bromoform	BDL	0.0057	mg/kg	8260B	07/02/04	5
Bromomethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
n-Butylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
sec-Butylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
tert-Butylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Carbon tetrachloride	BDL	0.0057	mg/kg	8260B	07/02/04	5
Chlorobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Chlorodibromomethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
Chloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
2-Chloroethyl vinyl ether	BDL	0.28	mg/kg	8260B	07/02/04	5
Chloroform	BDL	0.028	mg/kg	8260B	07/02/04	5
Chloromethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
2-Chlorotoluene	BDL	0.0057	mg/kg	8260B	07/02/04	5
4-Chlorotoluene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2-Dibromo-3-Chloropropane	BDL	0.011	mg/kg	8260B	07/02/04	5
1,2-Dibromoethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
Dibromomethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2-Dichlorobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,3-Dichlorobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,4-Dichlorobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1-Dichloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2-Dichloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1-Dichloroethene	BDL	0.0057	mg/kg	8260B	07/02/04	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-3 12-14 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 11:45

ESC Sample # : L159712-03  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,2-Dichloroethene	BDL	0.0057	mg/kg	8260B	07/02/04	5
trans-1,2-Dichloroethene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2-Dichloropropane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1-Dichloropropene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,3-Dichloropropane	BDL	0.0057	mg/kg	8260B	07/02/04	5
cis-1,3-Dichloropropene	BDL	0.0057	mg/kg	8260B	07/02/04	5
trans-1,3-Dichloropropene	BDL	0.0057	mg/kg	8260B	07/02/04	5
2,2-Dichloropropane	BDL	0.0057	mg/kg	8260B	07/02/04	5
Di-isopropyl ether	BDL	0.0057	mg/kg	8260B	07/02/04	5
Ethylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Ethyl ether	BDL	0.0057	mg/kg	8260B	07/02/04	5
Hexachlorobutadiene	BDL	0.0057	mg/kg	8260B	07/02/04	5
2-Hexanone	BDL	0.057	mg/kg	8260B	07/02/04	5
Isopropylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
p-Isopropyltoluene	0.018	0.0057	mg/kg	8260B	07/02/04	5
2-Butanone (MEK)	BDL	0.057	mg/kg	8260B	07/02/04	5
Methylene Chloride	BDL	0.028	mg/kg	8260B	07/02/04	5
4-Methyl-2-pentanone (MIBK)	BDL	0.057	mg/kg	8260B	07/02/04	5
Methyl tert-butyl ether	BDL	0.0057	mg/kg	8260B	07/02/04	5
Naphthalene	BDL	0.028	mg/kg	8260B	07/02/04	5
n-Propylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Styrene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1,1,2-Tetrachloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1,2,2-Tetrachloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0057	mg/kg	8260B	07/02/04	5
Tetrachloroethene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Tetrahydrofuran	BDL	0.028	mg/kg	8260B	07/02/04	5
Toluene	BDL	0.028	mg/kg	8260B	07/02/04	5
1,2,3-Trichlorobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2,4-Trichlorobenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1,1-Trichloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,1,2-Trichloroethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
Trichloroethene	BDL	0.0057	mg/kg	8260B	07/02/04	5
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2,3-Trichloropropane	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2,4-Trimethylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,2,3-Trimethylbenzene	BDL	0.0057	mg/kg	8260B	07/02/04	5
1,3,5-Trimethylbenzene	0.015	0.0057	mg/kg	8260B	07/02/04	5
Vinyl chloride	BDL	0.0057	mg/kg	8260B	07/02/04	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

July 06, 2004

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-3 12-14 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 11:45

ESC Sample # : L159712-03  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Xylenes, Total	BDL	0.017	mg/kg	8260B	07/02/04	5
Toluene-d8	99.		% Rec.	8260B	07/02/04	5
Dibromofluoromethane	94.		% Rec.	8260B	07/02/04	5
4-Bromofluorobenzene	130		% Rec.	8260B	07/02/04	5
WI DRO	140		mg/kg	8015M	07/01/04	1
Surrogate Recovery (50-150)		11.				
Triacontane	110		% Rec.	8015M	07/01/04	1

  
John Hawkins, ESC Representative

Results listed are dry weight basis.  
BDL - Below Detection Limit  
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:  
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI

Sample ID : GB-4 8-10 FT

Collected By : Charles Cashman  
Collection Date : 06/22/04 12:15

ESC Sample # : L159712-04

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.2		%	2540G	07/06/04	1
WI DNR						
GRO	BDL	3.2	mg/kg	8015	07/06/04	27
Surrogate Recovery (70-130)						
2,5-Dibromotoluene	110		% Rec.	8015	07/06/04	27
Volatile Organics						
Acetone	BDL	0.15	mg/kg	8260B	07/02/04	5
Acrolein	BDL	0.30	mg/kg	8260B	07/02/04	5
Acrylonitrile	BDL	0.059	mg/kg	8260B	07/02/04	5
Allyl chloride	BDL	0.030	mg/kg	8260B	07/02/04	5
Benzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Bromobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Bromodichloromethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
Bromoform	BDL	0.0059	mg/kg	8260B	07/02/04	5
Bromomethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
n-Butylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
sec-Butylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
tert-Butylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Carbon tetrachloride	BDL	0.0059	mg/kg	8260B	07/02/04	5
Chlorobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Chlorodibromomethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
Chloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
2-Chloroethyl vinyl ether	BDL	0.30	mg/kg	8260B	07/02/04	5
Chloroform	BDL	0.030	mg/kg	8260B	07/02/04	5
Chloromethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
2-Chlorotoluene	BDL	0.0059	mg/kg	8260B	07/02/04	5
4-Chlorotoluene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2-Dibromo-3-Chloropropane	BDL	0.012	mg/kg	8260B	07/02/04	5
1,2-Dibromoethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
Dibromomethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2-Dichlorobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,3-Dichlorobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,4-Dichlorobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Dichlorodifluoromethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1-Dichloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2-Dichloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1-Dichloroethene	BDL	0.0059	mg/kg	8260B	07/02/04	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI

Sample ID : GB-4 8-10 FT

Collected By : Charles Cashman  
Collection Date : 06/22/04 12:15

ESC Sample # : L159712-04

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,2-Dichloroethene	BDL	0.0059	mg/kg	8260B	07/02/04	5
trans-1,2-Dichloroethene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2-Dichloropropane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1-Dichloropropene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,3-Dichloropropane	BDL	0.0059	mg/kg	8260B	07/02/04	5
cis-1,3-Dichloropropene	BDL	0.0059	mg/kg	8260B	07/02/04	5
trans-1,3-Dichloropropene	BDL	0.0059	mg/kg	8260B	07/02/04	5
2,2-Dichloropropane	BDL	0.0059	mg/kg	8260B	07/02/04	5
Di-isopropyl ether	BDL	0.0059	mg/kg	8260B	07/02/04	5
Ethylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Ethyl ether	BDL	0.0059	mg/kg	8260B	07/02/04	5
Hexachlorobutadiene	BDL	0.0059	mg/kg	8260B	07/02/04	5
2-Hexanone	BDL	0.059	mg/kg	8260B	07/02/04	5
Isopropylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
p-Isopropyltoluene	BDL	0.0059	mg/kg	8260B	07/02/04	5
2-Butanone (MEK)	BDL	0.059	mg/kg	8260B	07/02/04	5
Methylene Chloride	BDL	0.030	mg/kg	8260B	07/02/04	5
4-Methyl-2-pentanone (MIBK)	BDL	0.059	mg/kg	8260B	07/02/04	5
Methyl tert-butyl ether	0.0062	0.0059	mg/kg	8260B	07/02/04	5
Naphthalene	BDL	0.030	mg/kg	8260B	07/02/04	5
n-Propylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Styrene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1,1,2-Tetrachloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1,2,2-Tetrachloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0059	mg/kg	8260B	07/02/04	5
Tetrachloroethene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Tetrahydrofuran	BDL	0.030	mg/kg	8260B	07/02/04	5
Toluene	BDL	0.030	mg/kg	8260B	07/02/04	5
1,2,3-Trichlorobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2,4-Trichlorobenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1,1-Trichloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,1,2-Trichloroethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
Trichloroethene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Trichlorofluoromethane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2,3-Trichloropropane	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2,4-Trimethylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,2,3-Trimethylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
1,3,5-Trimethylbenzene	BDL	0.0059	mg/kg	8260B	07/02/04	5
Vinyl chloride	BDL	0.0059	mg/kg	8260B	07/02/04	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-4 8-10 FT  
Collected By : Charles Cashman  
Collection Date : 06/22/04 12:15

ESC Sample # : L159712-04

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Xylenes, Total	BDL	0.018	mg/kg	8260B	07/02/04	5
Toluene-d8	100		% Rec.	8260B	07/02/04	5
Dibromofluoromethane	94.		% Rec.	8260B	07/02/04	5
4-Bromofluorobenzene	120		% Rec.	8260B	07/02/04	5
WI DRO	BDL	12.	mg/kg	8015M	07/01/04	1
Surrogate Recovery (50-150)						
Triacantane	88.		% Rec.	8015M	07/01/04	1

  
John Hawkins, ESC Representative

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI

Sample ID : GE-1

Collected By : Charles Cashman  
Collection Date : 06/22/04 12:30

ESC Sample # : L159712-05

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
WI DNR						
GRO	BDL	0.10	mg/l	8015	07/03/04	1
Surrogate Recovery (70-130)						
2,5-Dibromotoluene	110		% Rec.	5030/GRO	07/03/04	1
Volatile Organics						
Acetone	BDL	0.025	mg/l	8260B	06/29/04	1
Acrolein	BDL	0.050	mg/l	8260B	06/29/04	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/29/04	1
Allyl chloride	BDL	0.0050	mg/l	8260B	06/29/04	1
Benzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromoform	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromomethane	BDL	0.0010	mg/l	8260B	06/29/04	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/29/04	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Chloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/29/04	1
Chloroform	BDL	0.0050	mg/l	8260B	06/29/04	1
Chloromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/29/04	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dibromo-3-Chloropropane	BDL	0.0020	mg/l	8260B	06/29/04	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Dichlorodifluoromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
MN - 047-999-395





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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-1  
Collected By : Charles Cashman  
Collection Date : 06/22/04 12:30

ESC Sample # : L159712-05

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/29/04	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/29/04	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/29/04	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Ethyl ether	BDL	0.0010	mg/l	8260B	06/29/04	1
Hexachlorobutadiene	BDL	0.0010	mg/l	8260B	06/29/04	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/29/04	1
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/29/04	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/29/04	1
2-Hexanone	BDL	0.010	mg/l	8260B	06/29/04	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/29/04	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/29/04	1
Naphthalene	BDL	0.0050	mg/l	8260B	06/29/04	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Styrene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/29/04	1
Tetrachloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
Tetrahydrofuran	BDL	0.0050	mg/l	8260B	06/29/04	1
Toluene	BDL	0.0050	mg/l	8260B	06/29/04	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
Trichlorofluoromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/29/04	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	06/29/04	1
Surrogate Recovery						

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
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Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : GB-1  
Collected By : Charles Cashman  
Collection Date : 06/22/04 12:30

ESC Sample # : L159712-05  
Site ID : 17013 N. MAIN ST  
Project # : 90.75267.7028

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Toluene-d8	100		% Rec.	8260B	06/29/04	1
Dibromofluoromethane	100		% Rec.	8260B	06/29/04	1
4-Bromofluorobenzene	93.		% Rec.	8260B	06/29/04	1
WI DRO	0.11	0.10	mg/l	8015M	06/30/04	1
Surrogate Recovery (50-150) Triacontane	91.		% Rec.	8015M	06/30/04	1

  
John Hawkins, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
MN - 047-999-395

Note:

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Reported: 07/06/04 16:52 Printed: 07/06/04 16:55



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Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI

Sample ID : TRIP BLANK

Collected By : Charles Cashman  
Collection Date : 06/22/04 00:00

ESC Sample # : L159712-06

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.025	mg/l	8260B	06/29/04	1
Acrolein	BDL	0.050	mg/l	8260B	06/29/04	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/29/04	1
Allyl chloride	BDL	0.0050	mg/l	8260B	06/29/04	1
Benzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromoform	BDL	0.0010	mg/l	8260B	06/29/04	1
Bromomethane	BDL	0.0010	mg/l	8260B	06/29/04	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/29/04	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Chloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/29/04	1
Chloroform	BDL	0.0050	mg/l	8260B	06/29/04	1
Chloromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/29/04	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dibromo-3-Chloropropane	BDL	0.0020	mg/l	8260B	06/29/04	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Dichlorodifluoromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/29/04	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/29/04	1

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

July 06, 2004

Ms. Anne Reppe  
ATC Associates Inc. - Roseville, MN  
1929 County Rd C-2 W  
Roseville, MN 55113

Date Received : June 25, 2004  
Description : Budget Mart - Galesville WI  
Sample ID : TRIP BLANK  
Collected By : Charles Cashman  
Collection Date : 06/22/04 00:00

ESC Sample # : L159712-06

Site ID : 17013 N. MAIN ST

Project # : 90.75267.7028

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/29/04	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Ethyl ether	BDL	0.0010	mg/l	8260B	06/29/04	1
Hexachlorobutadiene	BDL	0.0010	mg/l	8260B	06/29/04	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/29/04	1
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/29/04	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/29/04	1
2-Hexanone	BDL	0.010	mg/l	8260B	06/29/04	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/29/04	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/29/04	1
Naphthalene	BDL	0.0050	mg/l	8260B	06/29/04	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Styrene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/29/04	1
Tetrachloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
Tetrahydrofuran	BDL	0.0050	mg/l	8260B	06/29/04	1
Toluene	BDL	0.0050	mg/l	8260B	06/29/04	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/29/04	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/29/04	1
Trichlorofluoromethane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/29/04	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/29/04	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	06/29/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	8260B	06/29/04	1
Dibromofluoromethane	110		% Rec.	8260B	06/29/04	1
4-Bromofluorobenzene	92.		% Rec.	8260B	06/29/04	1

*John Hawkins*  
John Hawkins, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
MN - 047-999-395

Note:

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Reported: 07/06/04 16:52 Printed: 07/06/04 16:55

Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L159712-01	Acrolein	J3
	Dichlorodifluoromethane	J4
L159712-02	Acrolein	J3
	Dichlorodifluoromethane	J4
L159712-03	Dichlorodifluoromethane	J4
	Tetrahydrofuran	J4
	4-Bromofluorobenzene	J1
L159712-04	Dichlorodifluoromethane	J4
	Tetrahydrofuran	J4
L159712-05	Acetone	J4
	Acrolein	J3
	Chloromethane	J4
	Trichlorofluoromethane	J4
	Vinyl chloride	J4
L159712-06	Acetone	J4
	Acrolein	J3
	Chloromethane	J4
	Trichlorofluoromethane	J4
	Vinyl chloride	J4

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

**Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

**Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

**Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

Control Limits

2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

**TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
07/06/04 at 16:55:19

TSR Signing Reports: 341  
R5 - Desired TAT

Sample: L159712-01 Account: ATCRSMN Received: 06/25/04 09:00 Due Date: 07/02/04 00:00 RPT Date: 07/06/04 16:52  
Sample: L159712-02 Account: ATCRSMN Received: 06/25/04 09:00 Due Date: 07/02/04 00:00 RPT Date: 07/06/04 16:52  
Sample: L159712-03 Account: ATCRSMN Received: 06/25/04 09:00 Due Date: 07/02/04 00:00 RPT Date: 07/06/04 16:52  
Sample: L159712-04 Account: ATCRSMN Received: 06/25/04 09:00 Due Date: 07/02/04 00:00 RPT Date: 07/06/04 16:52  
Sample: L159712-05 Account: ATCRSMN Received: 06/25/04 09:00 Due Date: 07/02/04 00:00 RPT Date: 07/06/04 16:52  
Sample: L159712-06 Account: ATCRSMN Received: 06/25/04 09:00 Due Date: 07/02/04 00:00 RPT Date: 07/06/04 16:52



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ATC Associates Inc. - Roseville, MN  
Ms. Anne Reppe  
1929 County Rd C-2 W  
Roseville, MN 55113

Quality Assurance Report  
Level II  
L159712

July 06, 2004

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
WI DRO	< .1	mg/l		06/30/04 09:39	WG161432
1,1,1,2-Tetrachloroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,1,1-Trichloroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,1,2,2-Tetrachloroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,1,2-Trichloroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,1-Dichloroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,1-Dichloroethene	< .001	mg/l		06/29/04 01:22	WG161545
1,1-Dichloropropene	< .001	mg/l		06/29/04 01:22	WG161545
1,2,3-Trichlorobenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,2,3-Trichloropropane	< .001	mg/l		06/29/04 01:22	WG161545
1,2,3-Trimethylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,2,4-Trichlorobenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,2,4-Trimethylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,2-Dibromo-3-Chloropropane	< .002	mg/l		06/29/04 01:22	WG161545
1,2-Dibromoethane	< .001	mg/l		06/29/04 01:22	WG161545
1,2-Dichlorobenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,2-Dichloroethane	< .001	mg/l		06/29/04 01:22	WG161545
1,2-Dichloropropane	< .001	mg/l		06/29/04 01:22	WG161545
1,3,5-Trimethylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,3-Dichlorobenzene	< .001	mg/l		06/29/04 01:22	WG161545
1,3-Dichloropropane	< .001	mg/l		06/29/04 01:22	WG161545
1,4-Dichlorobenzene	< .001	mg/l		06/29/04 01:22	WG161545
2,2-Dichloropropane	< .001	mg/l		06/29/04 01:22	WG161545
2-Butanone (MEK)	< .01	mg/l		06/29/04 01:22	WG161545
2-Chloroethyl vinyl ether	< .001	mg/l		06/29/04 01:22	WG161545
2-Chlorotoluene	< .001	mg/l		06/29/04 01:22	WG161545
2-Hexanone	< .01	mg/l		06/29/04 01:22	WG161545
4-Chlorotoluene	< .001	mg/l		06/29/04 01:22	WG161545
4-Methyl-2-pentanone (MIBK)	< .01	mg/l		06/29/04 01:22	WG161545
Acetone	< .025	mg/l		06/29/04 01:22	WG161545
Acrolein	< .001	mg/l		06/29/04 01:22	WG161545
Acrylonitrile	< .01	mg/l		06/29/04 01:22	WG161545
Benzene	< .001	mg/l		06/29/04 01:22	WG161545
Bromobenzene	< .001	mg/l		06/29/04 01:22	WG161545
Bromodichloromethane	< .001	mg/l		06/29/04 01:22	WG161545
Bromoform	< .001	mg/l		06/29/04 01:22	WG161545
Bromomethane	< .001	mg/l		06/29/04 01:22	WG161545
Carbon tetrachloride	< .001	mg/l		06/29/04 01:22	WG161545
Chlorobenzene	< .001	mg/l		06/29/04 01:22	WG161545
Chlorodibromomethane	< .001	mg/l		06/29/04 01:22	WG161545
Chloroethane	< .001	mg/l		06/29/04 01:22	WG161545
Chloroform	< .005	mg/l		06/29/04 01:22	WG161545
Chloromethane	< .001	mg/l		06/29/04 01:22	WG161545
cis-1,2-Dichloroethene	< .001	mg/l		06/29/04 01:22	WG161545
cis-1,3-Dichloropropene	< .001	mg/l		06/29/04 01:22	WG161545
Di-isopropyl ether	< .001	mg/l		06/29/04 01:22	WG161545
Dibromomethane	< .001	mg/l		06/29/04 01:22	WG161545
Dichlorodifluoromethane	< .001	mg/l		06/29/04 01:22	WG161545
Ethyl ether	< .001	mg/l		06/29/04 01:22	WG161545
Ethylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
Hexachlorobutadiene	< .001	mg/l		06/29/04 01:22	WG161545
Isopropylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
Methyl tert-butyl ether	< .001	mg/l		06/29/04 01:22	WG161545
Methylene Chloride	< .005	mg/l		06/29/04 01:22	WG161545
n-Butylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
n-Propylbenzene	< .001	mg/l		06/29/04 01:22	WG161545
Naphthalene	< .005	mg/l		06/29/04 01:22	WG161545
p-Isopropyltoluene	< .001	mg/l		06/29/04 01:22	WG161545





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Tax I.D. 62-0814289

Est. 1970

ATC Associates Inc. - Roseville, MN  
Ms. Anne Reppe  
1929 County Rd C-2 W

Quality Assurance Report  
Level II

Roseville, MN 55113

L159712

July 06, 2004

Analyte	Result	Units	Date Analyzed	Batch
sec-Butylbenzene	< .001	mg/l	06/29/04 01:22	WG161545
Styrene	< .001	mg/l	06/29/04 01:22	WG161545
tert-Butylbenzene	< .001	mg/l	06/29/04 01:22	WG161545
Tetrachloroethene	< .001	mg/l	06/29/04 01:22	WG161545
Tetrahydrofuran	< .001	mg/l	06/29/04 01:22	WG161545
Toluene	< .005	mg/l	06/29/04 01:22	WG161545
trans-1,2-Dichloroethene	< .001	mg/l	06/29/04 01:22	WG161545
trans-1,3-Dichloropropene	< .001	mg/l	06/29/04 01:22	WG161545
Trichloroethene	< .001	mg/l	06/29/04 01:22	WG161545
Trichlorofluoromethane	< .001	mg/l	06/29/04 01:22	WG161545
Vinyl chloride	< .001	mg/l	06/29/04 01:22	WG161545
Xylenes, Total	< .003	mg/l	06/29/04 01:22	WG161545
1,1,1,2-Tetrachloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,1,1-Trichloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,1,2,2-Tetrachloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,1,2-Trichloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,1-Dichloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,1-Dichloroethene	< .001	mg/kg	06/30/04 18:23	WG161831
1,1-Dichloropropene	< .001	mg/kg	06/30/04 18:23	WG161831
1,2,3-Trichlorobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,2,3-Trichloropropane	< .001	mg/kg	06/30/04 18:23	WG161831
1,2,3-Trimethylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,2,4-Trichlorobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,2,4-Trimethylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,2-Dibromo-3-Chloropropane	< .001	mg/kg	06/30/04 18:23	WG161831
1,2-Dibromoethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,2-Dichlorobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,2-Dichloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
1,2-Dichloropropane	< .001	mg/kg	06/30/04 18:23	WG161831
1,3,5-Trimethylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,3-Dichlorobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
1,3-Dichloropropane	< .001	mg/kg	06/30/04 18:23	WG161831
1,4-Dichlorobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
2,2-Dichloropropane	< .001	mg/kg	06/30/04 18:23	WG161831
2-Butanone (MEK)	< .001	mg/kg	06/30/04 18:23	WG161831
2-Chloroethyl vinyl ether	< .001	mg/kg	06/30/04 18:23	WG161831
2-Chlorotoluene	< .001	mg/kg	06/30/04 18:23	WG161831
2-Hexanone	< .001	mg/kg	06/30/04 18:23	WG161831
4-Chlorotoluene	< .001	mg/kg	06/30/04 18:23	WG161831
4-Methyl-2-pentanone (MIBK)	< .001	mg/kg	06/30/04 18:23	WG161831
Acetone	< .001	mg/kg	06/30/04 18:23	WG161831
Acrolein	< .001	mg/kg	06/30/04 18:23	WG161831
Acrylonitrile	< .001	mg/kg	06/30/04 18:23	WG161831
Benzene	< .001	mg/kg	06/30/04 18:23	WG161831
Bromobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Bromodichloromethane	< .001	mg/kg	06/30/04 18:23	WG161831
Bromoform	< .001	mg/kg	06/30/04 18:23	WG161831
Bromomethane	< .001	mg/kg	06/30/04 18:23	WG161831
Carbon tetrachloride	< .001	mg/kg	06/30/04 18:23	WG161831
Chlorobenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Chlorodibromomethane	< .001	mg/kg	06/30/04 18:23	WG161831
Chloroethane	< .001	mg/kg	06/30/04 18:23	WG161831
Chloroform	< .001	mg/kg	06/30/04 18:23	WG161831
Chloromethane	< .001	mg/kg	06/30/04 18:23	WG161831
cis-1,2-Dichloroethene	< .001	mg/kg	06/30/04 18:23	WG161831
cis-1,3-Dichloropropene	< .001	mg/kg	06/30/04 18:23	WG161831
Di-isopropyl ether	< .001	mg/kg	06/30/04 18:23	WG161831
Dibromomethane	< .001	mg/kg	06/30/04 18:23	WG161831



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Est. 1970

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Ms. Anne Reppe  
1929 County Rd C-2 W

Quality Assurance Report  
Level II

Roseville, MN 55113

L159712

July 06, 2004

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
Dichlorodifluoromethane	< .001	mg/kg	06/30/04 18:23	WG161831
Ethyl ether	< .001	mg/kg	06/30/04 18:23	WG161831
Ethylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Hexachlorobutadiene	< .001	mg/kg	06/30/04 18:23	WG161831
Isopropylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Methyl tert-butyl ether	< .001	mg/kg	06/30/04 18:23	WG161831
Methylene Chloride	< .001	mg/kg	06/30/04 18:23	WG161831
n-Butylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
n-Propylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Naphthalene	< .001	mg/kg	06/30/04 18:23	WG161831
p-Isopropyltoluene	< .001	mg/kg	06/30/04 18:23	WG161831
sec-Butylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Styrene	< .001	mg/kg	06/30/04 18:23	WG161831
tert-Butylbenzene	< .001	mg/kg	06/30/04 18:23	WG161831
Tetrachloroethene	< .001	mg/kg	06/30/04 18:23	WG161831
Tetrahydrofuran	< .001	mg/kg	06/30/04 18:23	WG161831
Toluene	< .001	mg/kg	06/30/04 18:23	WG161831
trans-1,2-Dichloroethene	< .001	mg/kg	06/30/04 18:23	WG161831
trans-1,3-Dichloropropene	< .001	mg/kg	06/30/04 18:23	WG161831
Trichloroethene	< .001	mg/kg	06/30/04 18:23	WG161831
Trichlorofluoromethane	< .001	mg/kg	06/30/04 18:23	WG161831
Vinyl chloride	< .001	mg/kg	06/30/04 18:23	WG161831
Xylenes, Total	< .003	mg/kg	06/30/04 18:23	WG161831
WI DRO	< 10	mg/kg	07/01/04 15:57	WG161881
WI DRO	< 10	mg/kg	07/01/04 19:51	WG161882
1,1,1,2-Tetrachloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,1,1-Trichloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,1,2,2-Tetrachloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,1,2-Trichloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,1-Dichloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,1-Dichloroethene	< .001	mg/kg	07/02/04 08:10	WG162083
1,1-Dichloropropene	< .001	mg/kg	07/02/04 08:10	WG162083
1,2,3-Trichlorobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,2,3-Trichloropropane	< .001	mg/kg	07/02/04 08:10	WG162083
1,2,3-Trimethylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,2,4-Trichlorobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,2,4-Trimethylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,2-Dibromo-3-Chloropropane	< .001	mg/kg	07/02/04 08:10	WG162083
1,2-Dibromoethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,2-Dichlorobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,2-Dichloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
1,2-Dichloropropane	< .001	mg/kg	07/02/04 08:10	WG162083
1,3,5-Trimethylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,3-Dichlorobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
1,3-Dichloropropane	< .001	mg/kg	07/02/04 08:10	WG162083
1,4-Dichlorobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
2,2-Dichloropropane	< .001	mg/kg	07/02/04 08:10	WG162083
2-Butanone (MEK)	< .001	mg/kg	07/02/04 08:10	WG162083
2-Chloroethyl vinyl ether	< .001	mg/kg	07/02/04 08:10	WG162083
2-Chlorotoluene	< .001	mg/kg	07/02/04 08:10	WG162083
2-Hexanone	< .001	mg/kg	07/02/04 08:10	WG162083
4-Chlorotoluene	< .001	mg/kg	07/02/04 08:10	WG162083
4-Methyl-2-pentanone (MIBK)	< .001	mg/kg	07/02/04 08:10	WG162083
Acetone	< .001	mg/kg	07/02/04 08:10	WG162083
Acrolein	< .001	mg/kg	07/02/04 08:10	WG162083
Acrylonitrile	< .001	mg/kg	07/02/04 08:10	WG162083



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Ms. Anne Reppe  
1929 County Rd C-2 W  
Roseville, MN 55113

Quality Assurance Report  
Level II

L159712

July 06, 2004

Analyte	Result	Units	Date Analyzed	Batch
Benzene	< .001	mg/kg	07/02/04 08:10	WG162083
Laboratory Blank				
Bromobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Bromodichloromethane	< .001	mg/kg	07/02/04 08:10	WG162083
Bromoform	< .001	mg/kg	07/02/04 08:10	WG162083
Bromomethane	< .001	mg/kg	07/02/04 08:10	WG162083
Carbon tetrachloride	< .001	mg/kg	07/02/04 08:10	WG162083
Chlorobenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Chlorodibromomethane	< .001	mg/kg	07/02/04 08:10	WG162083
Chloroethane	< .001	mg/kg	07/02/04 08:10	WG162083
Chloroform	< .001	mg/kg	07/02/04 08:10	WG162083
Chloromethane	< .001	mg/kg	07/02/04 08:10	WG162083
cis-1,2-Dichloroethene	< .001	mg/kg	07/02/04 08:10	WG162083
cis-1,3-Dichloropropene	< .001	mg/kg	07/02/04 08:10	WG162083
Di-isopropyl ether	< .001	mg/kg	07/02/04 08:10	WG162083
Dibromomethane	< .001	mg/kg	07/02/04 08:10	WG162083
Dichlorodifluoromethane	< .001	mg/kg	07/02/04 08:10	WG162083
Ethyl ether	< .001	mg/kg	07/02/04 08:10	WG162083
Ethylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Hexachlorobutadiene	< .001	mg/kg	07/02/04 08:10	WG162083
Isopropylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Methyl tert-butyl ether	0.00101	mg/kg	07/02/04 08:10	WG162083
Methylene Chloride	< .001	mg/kg	07/02/04 08:10	WG162083
n-Butylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
n-Propylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Naphthalene	0.00327	mg/kg	07/02/04 08:10	WG162083
p-Isopropyltoluene	< .001	mg/kg	07/02/04 08:10	WG162083
sec-Butylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Styrene	< .001	mg/kg	07/02/04 08:10	WG162083
tert-Butylbenzene	< .001	mg/kg	07/02/04 08:10	WG162083
Tetrachloroethene	< .001	mg/kg	07/02/04 08:10	WG162083
Tetrahydrofuran	< .001	mg/kg	07/02/04 08:10	WG162083
Toluene	< .001	mg/kg	07/02/04 08:10	WG162083
trans-1,2-Dichloroethene	< .001	mg/kg	07/02/04 08:10	WG162083
trans-1,3-Dichloropropene	< .001	mg/kg	07/02/04 08:10	WG162083
Trichloroethene	< .001	mg/kg	07/02/04 08:10	WG162083
Trichlorofluoromethane	< .001	mg/kg	07/02/04 08:10	WG162083
Vinyl chloride	< .001	mg/kg	07/02/04 08:10	WG162083
Xylenes, Total	< .003	mg/kg	07/02/04 08:10	WG162083
Total Solids	0.00	%	07/03/04 11:04	WG162093
Total Solids	0.00	%	07/06/04 10:59	WG162096
GRO	< .1	mg/l	07/02/04 15:43	WG162182
GRO	< .1	mg/kg	07/06/04 00:11	WG162292

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Total Solids	%	76.9	62.0	21.5	20	L159667-01	WG162093
Total Solids	%	80.4	77.0	4.34	20	L159668-05	WG162093
Total Solids	%	89.0	88.9	0.0932	20	L159740-07	WG162096
Total Solids	%	80.9	80.5	0.471	20	L159746-01	WG162096

Analyte	Units	Laboratory Control		Sample Result	% Rec	Limit	Batch
		Known Val	Result				
WI DRO	mg/l	1	0.880	88.0	75-115	WG161432	



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Ms. Anne Reppe  
1929 County Rd C-2 W  
Roseville, MN 55113

Quality Assurance Report  
Level II  
L159712

July 06, 2004

Analyte	Laboratory Control		Sample Result	% Rec	Limit	Batch
	Units	Known Val				
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0201	100.	84-128	WG161545
1,1,1-Trichloroethane	mg/l	.02	0.0207	103.	71-122	WG161545
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0207	104.	78-120	WG161545
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.02	0.0173	86.4	37-127	WG161545
1,1,2-Trichloroethane	mg/l	.02	0.0202	101.	82-117	WG161545
1,1-Dichloroethane	mg/l	.02	0.0210	105.	59-135	WG161545
1,1-Dichloroethene	mg/l	.02	0.0216	108.	60-166	WG161545
1,1-Dichloropropene	mg/l	.02	0.0219	110.	67-132	WG161545
1,2,3-Trichlorobenzene	mg/l	.02	0.0165	82.3	81-122	WG161545
1,2,3-Trichloropropane	mg/l	.02	0.0194	97.1	78-122	WG161545
1,2,3-Trimethylbenzene	mg/l	.02	0.0150	75.1	64-100	WG161545
1,2,4-Trichlorobenzene	mg/l	.02	0.0159	79.4	78-132	WG161545
1,2,4-Trimethylbenzene	mg/l	.02	0.0177	88.3	82-117	WG161545
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0211	106.	58-140	WG161545
1,2-Dibromoethane	mg/l	.02	0.0194	96.8	79-121	WG161545
1,2-Dichlorobenzene	mg/l	.02	0.0167	83.5	83-113	WG161545
1,2-Dichloroethane	mg/l	.02	0.0223	112.	81-122	WG161545
1,2-Dichloropropane	mg/l	.02	0.0215	107.	74-125	WG161545
1,3,5-Trimethylbenzene	mg/l	.02	0.0176	87.9	80-118	WG161545
1,3-Dichlorobenzene	mg/l	.02	0.0161	80.3	80-124	WG161545
1,3-Dichloropropane	mg/l	.02	0.0196	97.8	86-120	WG161545
1,4-Dichlorobenzene	mg/l	.02	0.0174	87.2	84-115	WG161545
2,2-Dichloropropane	mg/l	.02	0.0228	114.	71-131	WG161545
2-Butanone (MEK)	mg/l	.1	0.115	115.	25-137	WG161545
2-Chloroethyl vinyl ether	mg/l	.1	0.103	103.	15-161	WG161545
2-Chlorotoluene	mg/l	.02	0.0181	90.4	79-112	WG161545
2-Hexanone	mg/l	.1	0.106	106.	47-142	WG161545
4-Chlorotoluene	mg/l	.02	0.0169	84.7	82-116	WG161545
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.110	110.	57-145	WG161545
Acetone	mg/l	.1	0.148	148.	14-115	WG161545
Acrolein	mg/l	.1	0.0474	47.4	16-83	WG161545
Acrylonitrile	mg/l	.1	0.0990	99.0	32-142	WG161545
Benzene	mg/l	.02	0.0210	105.	66-127	WG161545
Bromobenzene	mg/l	.02	0.0186	92.9	79-127	WG161545
Bromodichloromethane	mg/l	.02	0.0215	108.	76-117	WG161545
Bromoform	mg/l	.02	0.0189	94.6	72-125	WG161545
Bromomethane	mg/l	.02	0.0176	88.1	25-170	WG161545
Carbon tetrachloride	mg/l	.02	0.0214	107.	65-127	WG161545
Chlorobenzene	mg/l	.02	0.0177	88.7	79-117	WG161545
Chlorodibromomethane	mg/l	.02	0.0184	92.1	76-115	WG161545
Chloroethane	mg/l	.02	0.0231	115.	37-130	WG161545
Chloroform	mg/l	.02	0.0211	105.	70-119	WG161545
Chloromethane	mg/l	.02	0.0225	112.	39-109	WG161545
cis-1,2-Dichloroethene	mg/l	.02	0.0216	108.	72-128	WG161545
cis-1,3-Dichloropropene	mg/l	.02	0.0207	103.	86-137	WG161545
Di-isopropyl ether	mg/l	.02	0.0213	107.	54-147	WG161545
Dibromomethane	mg/l	.02	0.0200	100.	81-117	WG161545
Dichlorodifluoromethane	mg/l	.02	0.0160	80.1	14-133	WG161545
Ethyl ether	mg/l	.02	0.202	1010	70-130	WG161545
Ethylbenzene	mg/l	.02	0.0184	91.8	75-117	WG161545
Hexachlorobutadiene	mg/l	.02	0.0159	79.7	68-122	WG161545
Isopropylbenzene	mg/l	.02	0.0183	91.3	67-113	WG161545
Methyl tert-butyl ether	mg/l	.02	0.0207	104.	65-128	WG161545
Methylene Chloride	mg/l	.02	0.0220	110.	60-127	WG161545
n-Butylbenzene	mg/l	.02	0.0188	93.8	74-125	WG161545
n-Propylbenzene	mg/l	.02	0.0179	89.3	74-120	WG161545
Naphthalene	mg/l	.02	0.0165	82.7	51-127	WG161545
p-Isopropyltoluene	mg/l	.02	0.0171	85.6	74-122	WG161545
sec-Butylbenzene	mg/l	.02	0.0182	91.2	66-118	WG161545



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Est. 1970

ATC Associates Inc. - Roseville, MN  
Ms. Anne Reppe  
1929 County Rd C-2 W

Quality Assurance Report  
Level II

Roseville, MN 55113

L159712

July 06, 2004

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Styrene	mg/l	.02	0.0183	91.4	78-114	WG161545
tert-Butylbenzene	mg/l	.02	0.0180	90.1	69-121	WG161545
Tetrachloroethene	mg/l	.02	0.0171	85.3	71-132	WG161545
Tetrahydrofuran	mg/l	.02	0.0218	109.	70-130	WG161545
Toluene	mg/l	.02	0.0190	95.0	68-122	WG161545
trans-1,2-Dichloroethene	mg/l	.02	0.0216	108.	65-141	WG161545
trans-1,3-Dichloropropene	mg/l	.02	0.0190	95.2	82-132	WG161545
Trichloroethene	mg/l	.02	0.0197	98.6	81-129	WG161545
Trichlorofluoromethane	mg/l	.02	0.0201	101.	46-94	WG161545
Vinyl chloride	mg/l	.02	0.0217	108.	40-95	WG161545
Xylenes, Total	mg/l	.06	0.0549	91.4	78-114	WG161545
1,1,1,2-Tetrachloroethane	mg/kg	.02	0.0223	112.	77-129	WG161831
1,1,1-Trichloroethane	mg/kg	.02	0.0195	97.4	57-158	WG161831
1,1,2,2-Tetrachloroethane	mg/kg	.02	0.0219	110.	68-121	WG161831
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.02	0.0182	91.1	62-134	WG161831
1,1,2-Trichloroethane	mg/kg	.02	0.0212	106.	66-127	WG161831
1,1-Dichloroethane	mg/kg	.02	0.0188	93.9	71-152	WG161831
1,1-Dichloroethene	mg/kg	.02	0.0209	104.	80-158	WG161831
1,1-Dichloropropene	mg/kg	.02	0.0201	100.	62-165	WG161831
1,2,3-Trichlorobenzene	mg/kg	.02	0.0212	106.	72-129	WG161831
1,2,3-Trichloropropane	mg/kg	.02	0.0214	107.	73-125	WG161831
1,2,3-Trimethylbenzene	mg/kg	.02	0.0159	79.3	54-122	WG161831
1,2,4-Trichlorobenzene	mg/kg	.02	0.0209	105.	65-137	WG161831
1,2,4-Trimethylbenzene	mg/kg	.02	0.0217	109.	74-127	WG161831
1,2-Dibromo-3-Chloropropane	mg/kg	.02	0.0200	99.8	60-133	WG161831
1,2-Dibromoethane	mg/kg	.02	0.0226	113.	65-133	WG161831
1,2-Dichlorobenzene	mg/kg	.02	0.0200	99.9	72-128	WG161831
1,2-Dichloroethane	mg/kg	.02	0.0197	98.3	64-146	WG161831
1,2-Dichloropropane	mg/kg	.02	0.0191	95.6	77-128	WG161831
1,3,5-Trimethylbenzene	mg/kg	.02	0.0212	106.	72-125	WG161831
1,3-Dichlorobenzene	mg/kg	.02	0.0215	108.	68-128	WG161831
1,3-Dichloropropane	mg/kg	.02	0.0209	104.	75-127	WG161831
1,4-Dichlorobenzene	mg/kg	.02	0.0198	99.0	67-140	WG161831
2,2-Dichloropropane	mg/kg	.02	0.0194	97.0	63-156	WG161831
2-Butanone (MEK)	mg/kg	.1	0.102	102.	50-137	WG161831
2-Chloroethyl vinyl ether	mg/kg	.1	0.0806	80.6	16-142	WG161831
2-Chlorotoluene	mg/kg	.02	0.0203	102.	64-131	WG161831
2-Hexanone	mg/kg	.1	0.0952	95.2	58-124	WG161831
4-Chlorotoluene	mg/kg	.02	0.0209	105.	68-128	WG161831
4-Methyl-2-pentanone (MIBK)	mg/kg	.1	0.113	113.	60-143	WG161831
Acetone	mg/kg	.1	0.0815	81.5	18-143	WG161831
Acrolein	mg/kg	.1	0.0364	36.4	20-137	WG161831
Acrylonitrile	mg/kg	.1	0.0860	86.0	60-142	WG161831
Benzene	mg/kg	.02	0.0190	95.2	76-140	WG161831
Bromobenzene	mg/kg	.02	0.0228	114.	73-124	WG161831
Bromodichloromethane	mg/kg	.02	0.0214	107.	61-136	WG161831
Bromoform	mg/kg	.02	0.0242	121.	73-124	WG161831
Bromomethane	mg/kg	.02	0.0140	69.9	26-164	WG161831
Carbon tetrachloride	mg/kg	.02	0.0245	123.	52-154	WG161831
Chlorobenzene	mg/kg	.02	0.0212	106.	65-131	WG161831
Chlorodibromomethane	mg/kg	.02	0.0212	106.	70-114	WG161831
Chloroethane	mg/kg	.02	0.0202	101.	44-160	WG161831
Chloroform	mg/kg	.02	0.0176	87.8	70-139	WG161831
Chloromethane	mg/kg	.02	0.0198	99.1	28-142	WG161831
cis-1,2-Dichloroethene	mg/kg	.02	0.0206	103.	74-141	WG161831
cis-1,3-Dichloropropene	mg/kg	.02	0.0208	104.	81-150	WG161831
Di-isopropyl ether	mg/kg	.02	0.0182	91.0	74-147	WG161831
Dibromomethane	mg/kg	.02	0.0215	107.	77-121	WG161831
Dichlorodifluoromethane	mg/kg	.02	0.0275	137.	17-134	WG161831



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Level II

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L159712

July 06, 2004

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Ethyl ether	mg/kg	.02	0.212	1060	70-130	WG161831
Ethylbenzene	mg/kg	.02	0.0205	102.	63-133	WG161831
Hexachlorobutadiene	mg/kg	.02	0.0201	100.	53-148	WG161831
Isopropylbenzene	mg/kg	.02	0.0207	104.	63-120	WG161831
Methyl tert-butyl ether	mg/kg	.02	0.0194	97.1	64-142	WG161831
Methylene Chloride	mg/kg	.02	0.0185	92.6	70-141	WG161831
n-Butylbenzene	mg/kg	.02	0.0198	98.9	58-161	WG161831
n-Propylbenzene	mg/kg	.02	0.0205	102.	73-128	WG161831
Naphthalene	mg/kg	.02	0.0189	94.3	40-132	WG161831
p-Isopropyltoluene	mg/kg	.02	0.0199	99.5	69-130	WG161831
sec-Butylbenzene	mg/kg	.02	0.0199	99.5	64-124	WG161831
Styrene	mg/kg	.02	0.0211	106.	64-128	WG161831
tert-Butylbenzene	mg/kg	.02	0.0211	105.	65-127	WG161831
Tetrachloroethene	mg/kg	.02	0.0218	109.	58-137	WG161831
Tetrahydrofuran	mg/kg	.2	0.155	77.7	70-130	WG161831
Toluene	mg/kg	.02	0.0194	97.2	75-125	WG161831
trans-1,2-Dichloroethene	mg/kg	.02	0.0214	107.	79-152	WG161831
trans-1,3-Dichloropropene	mg/kg	.02	0.0188	93.9	65-150	WG161831
Trichloroethene	mg/kg	.02	0.0206	103.	75-145	WG161831
Trichlorofluoromethane	mg/kg	.02	0.0194	96.9	30-130	WG161831
Vinyl chloride	mg/kg	.02	0.0195	97.5	39-127	WG161831
Xylenes, Total	mg/kg	.06	0.0620	103.	64-129	WG161831
WI DRO	mg/kg	40	32.6	81.5	70-120	WG161881
WI DRO	mg/kg	40	35.8	89.6	70-120	WG161882
1,1,1,2-Tetrachloroethane	mg/kg	.02	0.0228	114.	77-129	WG162083
1,1,1-Trichloroethane	mg/kg	.02	0.0204	102.	57-158	WG162083
1,1,2,2-Tetrachloroethane	mg/kg	.02	0.0212	106.	68-121	WG162083
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.02	0.0186	93.0	62-134	WG162083
1,1,2-Trichloroethane	mg/kg	.02	0.0211	106.	66-127	WG162083
1,1-Dichloroethane	mg/kg	.02	0.0191	95.6	71-152	WG162083
1,1-Dichloroethene	mg/kg	.02	0.0217	108.	80-158	WG162083
1,1-Dichloropropene	mg/kg	.02	0.0205	102.	62-165	WG162083
1,2,3-Trichlorobenzene	mg/kg	.02	0.0210	105.	72-129	WG162083
1,2,3-Trichloropropane	mg/kg	.02	0.0206	103.	73-125	WG162083
1,2,3-Trimethylbenzene	mg/kg	.02	0.0164	82.1	54-122	WG162083
1,2,4-Trichlorobenzene	mg/kg	.02	0.0217	109.	65-137	WG162083
1,2,4-Trimethylbenzene	mg/kg	.02	0.0233	117.	74-127	WG162083
1,2-Dibromo-3-Chloropropane	mg/kg	.02	0.0180	90.0	60-133	WG162083
1,2-Dibromoethane	mg/kg	.02	0.0227	114.	65-133	WG162083
1,2-Dichlorobenzene	mg/kg	.02	0.0203	101.	72-128	WG162083
1,2-Dichloroethane	mg/kg	.02	0.0208	104.	64-146	WG162083
1,2-Dichloropropane	mg/kg	.02	0.0200	100.	77-128	WG162083
1,3,5-Trimethylbenzene	mg/kg	.02	0.0226	113.	72-125	WG162083
1,3-Dichlorobenzene	mg/kg	.02	0.0226	113.	68-128	WG162083
1,3-Dichloropropane	mg/kg	.02	0.0206	103.	75-127	WG162083
1,4-Dichlorobenzene	mg/kg	.02	0.0208	104.	67-140	WG162083
2,2-Dichloropropane	mg/kg	.02	0.0203	102.	63-156	WG162083
2-Butanone (MEK)	mg/kg	.1	0.0970	97.0	50-137	WG162083
2-Chloroethyl vinyl ether	mg/kg	.1	0.0904	90.4	16-142	WG162083
2-Chlorotoluene	mg/kg	.02	0.0214	107.	64-131	WG162083
2-Hexanone	mg/kg	.1	0.0881	88.1	58-124	WG162083
4-Chlorotoluene	mg/kg	.02	0.0223	112.	68-128	WG162083
4-Methyl-2-pentanone (MIBK)	mg/kg	.1	0.107	107.	60-143	WG162083
Acetone	mg/kg	.1	0.0831	83.1	18-143	WG162083
Acrolein	mg/kg	.1	0.0315	31.5	20-137	WG162083
Acrylonitrile	mg/kg	.1	0.0795	79.5	60-142	WG162083
Benzene	mg/kg	.02	0.0200	99.8	76-140	WG162083



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Quality Assurance Report  
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Roseville, MN 55113

L159712

July 06, 2004

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Bromobenzene	mg/kg	.02	0.0232	116.	73-124	WG162083
Bromodichloromethane	mg/kg	.02	0.0219	110.	61-136	WG162083
Bromoform	mg/kg	.02	0.0237	118.	73-124	WG162083
Bromomethane	mg/kg	.02	0.0187	93.4	26-164	WG162083
Carbon tetrachloride	mg/kg	.02	0.0254	127.	52-154	WG162083
Chlorobenzene	mg/kg	.02	0.0221	111.	65-131	WG162083
Chlorodibromomethane	mg/kg	.02	0.0217	108.	70-114	WG162083
Chloroethane	mg/kg	.02	0.0220	110.	44-160	WG162083
Chloroform	mg/kg	.02	0.0179	89.7	70-139	WG162083
Chloromethane	mg/kg	.02	0.0219	109.	28-142	WG162083
cis-1,2-Dichloroethene	mg/kg	.02	0.0211	106.	74-141	WG162083
cis-1,3-Dichloropropene	mg/kg	.02	0.0210	105.	81-150	WG162083
Di-isopropyl ether	mg/kg	.02	0.0185	92.6	74-147	WG162083
Dibromomethane	mg/kg	.02	0.0206	103.	77-121	WG162083
Dichlorodifluoromethane	mg/kg	.02	0.0305	152.	17-134	WG162083
Ethyl ether	mg/kg	.02	0.213	1070	70-130	WG162083
Ethylbenzene	mg/kg	.02	0.0218	109.	63-133	WG162083
Hexachlorobutadiene	mg/kg	.02	0.0205	102.	53-148	WG162083
Isopropylbenzene	mg/kg	.02	0.0221	111.	63-120	WG162083
Methyl tert-butyl ether	mg/kg	.02	0.0229	114.	64-142	WG162083
Methylene Chloride	mg/kg	.02	0.0186	92.8	70-141	WG162083
n-Butylbenzene	mg/kg	.02	0.0210	105.	58-161	WG162083
n-Propylbenzene	mg/kg	.02	0.0221	110.	73-128	WG162083
Naphthalene	mg/kg	.02	0.0183	91.6	40-132	WG162083
p-Isopropyltoluene	mg/kg	.02	0.0208	104.	69-130	WG162083
sec-Butylbenzene	mg/kg	.02	0.0213	106.	64-124	WG162083
Styrene	mg/kg	.02	0.0222	111.	64-128	WG162083
tert-Butylbenzene	mg/kg	.02	0.0225	113.	65-127	WG162083
Tetrachloroethene	mg/kg	.02	0.0227	114.	58-137	WG162083
Tetrahydrofuran	mg/kg	.2	0.144	71.8	70-130	WG162083
Toluene	mg/kg	.02	0.0197	98.3	75-125	WG162083
trans-1,2-Dichloroethene	mg/kg	.02	0.0220	110.	79-152	WG162083
trans-1,3-Dichloropropene	mg/kg	.02	0.0189	94.3	65-150	WG162083
Trichloroethene	mg/kg	.02	0.0218	109.	75-145	WG162083
Trichlorofluoromethane	mg/kg	.02	0.0202	101.	30-130	WG162083
Vinyl chloride	mg/kg	.02	0.0207	104.	39-127	WG162083
Xylenes, Total	mg/kg	.06	0.0667	111.	64-129	WG162083
Total Solids	%	50	49.9	99.7	85-115	WG162093
Total Solids	%	50	50.1	100.	85-115	WG162096
GRO	mg/1	2.2	0.557	25.3	71-122	WG162182
GRO	mg/kg	2.2	0.524	23.8	71-122	WG162292

Analyte	Units	Laboratory Control Sample Duplicate			Limit	Ref Samp	Batch
		LCSD	Res Ref	Res RPD			
WI DRO	mg/1	0.993	0.880	12.1	20	R200342-3	WG161432
1,1,1,2-Tetrachloroethane	mg/1	0.0213	0.0201	5.76	16	R200208-2	WG161545
1,1,1-Trichloroethane	mg/1	0.0207	0.0207	0.00	28	R200208-2	WG161545
1,1,2,2-Tetrachloroethane	mg/1	0.0218	0.0207	5.03	10	R200208-2	WG161545
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/1	0.0177	0.0173	2.18	40	R200208-2	WG161545
1,1,2-Trichloroethane	mg/1	0.0214	0.0202	5.52	16	R200208-2	WG161545
1,1-Dichloroethane	mg/1	0.0221	0.0210	4.97	17	R200208-2	WG161545
1,1-Dichloroethene	mg/1	0.0226	0.0216	4.49	36	R200208-2	WG161545
1,1-Dichloropropene	mg/1	0.0228	0.0219	3.85	33	R200208-2	WG161545
1,2,3-Trichlorobenzene	mg/1	0.0170	0.0165	3.29	17	R200208-2	WG161545



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July 06, 2004

Analyte	Units	LCSD	Res	Sample Ref	Duplicate Res	RPD	Limit	Ref Samp	Batch
1,2,3-Trichloropropane	mg/l	0.0202	0.0194	3.84	13			R200208-2	WG161545
1,2,3-Trimethylbenzene	mg/l	0.0163	0.0150	8.18	20			R200208-2	WG161545
1,2,4-Trichlorobenzene	mg/l	0.0176	0.0159	10.4	25			R200208-2	WG161545
1,2,4-Trimethylbenzene	mg/l	0.0190	0.0177	7.31	29			R200208-2	WG161545
1,2-Dibromo-3-Chloropropane	mg/l	0.0224	0.0211	5.75	21			R200208-2	WG161545
1,2-Dibromoethane	mg/l	0.0200	0.0194	3.15	19			R200208-2	WG161545
1,2-Dichlorobenzene	mg/l	0.0191	0.0167	13.6	16			R200208-2	WG161545
1,2-Dichloroethane	mg/l	0.0219	0.0223	1.85	13			R200208-2	WG161545
1,2-Dichloropropane	mg/l	0.0240	0.0215	11.1	14			R200208-2	WG161545
1,3,5-Trimethylbenzene	mg/l	0.0189	0.0176	7.24	28			R200208-2	WG161545
1,3-Dichlorobenzene	mg/l	0.0176	0.0161	9.21	25			R200208-2	WG161545
1,3-Dichloropropane	mg/l	0.0210	0.0196	6.86	15			R200208-2	WG161545
1,4-Dichlorobenzene	mg/l	0.0190	0.0174	8.62	18			R200208-2	WG161545
2,2-Dichloropropane	mg/l	0.0227	0.0228	0.396	31			R200208-2	WG161545
2-Butanone (MEK)	mg/l	0.122	0.115	5.83	10			R200208-2	WG161545
2-Chloroethyl vinyl ether	mg/l	0.107	0.103	3.62	25			R200208-2	WG161545
2-Chlorotoluene	mg/l	0.0192	0.0181	5.96	24			R200208-2	WG161545
2-Hexanone	mg/l	0.110	0.106	4.16	17			R200208-2	WG161545
4-Chlorotoluene	mg/l	0.0182	0.0169	7.39	22			R200208-2	WG161545
4-Methyl-2-pentanone (MIBK)	mg/l	0.118	0.110	6.84	12			R200208-2	WG161545
Acetone	mg/l	0.143	0.148	3.34	20			R200208-2	WG161545
Acrolein	mg/l	0.0306	0.0474	43.1	34			R200208-2	WG161545
Acrylonitrile	mg/l	0.104	0.0990	4.50	13			R200208-2	WG161545
Benzene	mg/l	0.0215	0.0210	2.68	20			R200208-2	WG161545
Bromobenzene	mg/l	0.0196	0.0186	5.29	22			R200208-2	WG161545
Bromodichloromethane	mg/l	0.0232	0.0215	7.74	13			R200208-2	WG161545
Bromoform	mg/l	0.0214	0.0189	12.1	18			R200208-2	WG161545
Bromomethane	mg/l	0.0176	0.0176	0.0568	20			R200208-2	WG161545
Carbon tetrachloride	mg/l	0.0218	0.0214	1.90	36			R200208-2	WG161545
Chlorobenzene	mg/l	0.0190	0.0177	6.60	21			R200208-2	WG161545
Chlorodibromomethane	mg/l	0.0195	0.0184	5.49	17			R200208-2	WG161545
Chloroethane	mg/l	0.0239	0.0231	3.41	25			R200208-2	WG161545
Chloroform	mg/l	0.0211	0.0211	0.332	26			R200208-2	WG161545
Chloromethane	mg/l	0.0232	0.0225	3.20	31			R200208-2	WG161545
cis-1,2-Dichloroethene	mg/l	0.0234	0.0216	7.69	18			R200208-2	WG161545
cis-1,3-Dichloropropene	mg/l	0.0216	0.0207	4.31	17			R200208-2	WG161545
Di-isopropyl ether	mg/l	0.0216	0.0213	1.35	13			R200208-2	WG161545
Dibromomethane	mg/l	0.0214	0.0200	6.43	12			R200208-2	WG161545
Dichlorodifluoromethane	mg/l	0.0164	0.0160	2.04	28			R200208-2	WG161545
Ethyl ether	mg/l	0.203	0.202	0.198	30			R200208-2	WG161545
Ethylbenzene	mg/l	0.0189	0.0184	3.16	25			R200208-2	WG161545
Hexachlorobutadiene	mg/l	0.0179	0.0159	11.5	36			R200208-2	WG161545
Isopropylbenzene	mg/l	0.0196	0.0183	7.34	29			R200208-2	WG161545
Methyl tert-butyl ether	mg/l	0.0210	0.0207	1.29	16			R200208-2	WG161545
Methylene Chloride	mg/l	0.0225	0.0220	2.38	16			R200208-2	WG161545
n-Butylbenzene	mg/l	0.0202	0.0188	7.59	30			R200208-2	WG161545
n-Propylbenzene	mg/l	0.0189	0.0179	5.50	30			R200208-2	WG161545
Naphthalene	mg/l	0.0176	0.0165	6.44	39			R200208-2	WG161545
p-Isopropyltoluene	mg/l	0.0187	0.0171	8.99	36			R200208-2	WG161545
sec-Butylbenzene	mg/l	0.0200	0.0182	9.25	32			R200208-2	WG161545
Styrene	mg/l	0.0195	0.0183	6.30	21			R200208-2	WG161545
tert-Butylbenzene	mg/l	0.0197	0.0180	8.96	30			R200208-2	WG161545
Tetrachloroethene	mg/l	0.0183	0.0171	6.74	32			R200208-2	WG161545
Tetrahydrofuran	mg/l	0.0217	0.0218	0.460	30			R200208-2	WG161545
Toluene	mg/l	0.0204	0.0190	7.21	17			R200208-2	WG161545
trans-1,2-Dichloroethene	mg/l	0.0225	0.0216	4.03	27			R200208-2	WG161545
trans-1,3-Dichloropropene	mg/l	0.0195	0.0190	2.23	16			R200208-2	WG161545
Trichloroethene	mg/l	0.0210	0.0197	6.33	25			R200208-2	WG161545
Trichlorofluoromethane	mg/l	0.0202	0.0201	0.644	41			R200208-2	WG161545
Vinyl chloride	mg/l	0.0222	0.0217	2.28	36			R200208-2	WG161545





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1929 County Rd C-2 W  
Roseville, MN 55113

Quality Assurance Report  
Level II  
L159712

July 06, 2004

Analyte	Units	LCSD	Res	Ref	Res	RPD	Limit	Ref Samp	Batch
Xylenes, Total	mg/l	0.0583	0.0549	6.05	21			R200208-2	WG161545
1,1,1,2-Tetrachloroethane	mg/kg	0.0230	0.0223	2.96	22			R200446-2	WG161831
1,1,1-Trichloroethane	mg/kg	0.0183	0.0195	6.36	23			R200446-2	WG161831
1,1,2,2-Tetrachloroethane	mg/kg	0.0219	0.0219	0.0456	23			R200446-2	WG161831
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0175	0.0182	4.26	22			R200446-2	WG161831
1,1,2-Trichloroethane	mg/kg	0.0204	0.0212	3.90	14			R200446-2	WG161831
1,1-Dichloroethane	mg/kg	0.0179	0.0188	4.63	21			R200446-2	WG161831
1,1-Dichloroethene	mg/kg	0.0196	0.0209	6.43	20			R200446-2	WG161831
1,1-Dichloropropene	mg/kg	0.0192	0.0201	4.33	20			R200446-2	WG161831
1,2,3-Trichlorobenzene	mg/kg	0.0214	0.0212	0.987	25			R200446-2	WG161831
1,2,3-Trichloropropene	mg/kg	0.0212	0.0214	0.988	23			R200446-2	WG161831
1,2,3-Trimethylbenzene	mg/kg	0.0150	0.0159	5.51	23			R200446-2	WG161831
1,2,4-Trichlorobenzene	mg/kg	0.0208	0.0209	0.671	22			R200446-2	WG161831
1,2,4-Trimethylbenzene	mg/kg	0.0221	0.0217	1.82	22			R200446-2	WG161831
1,2-Dibromo-3-Chloropropene	mg/kg	0.0196	0.0200	1.67	24			R200446-2	WG161831
1,2-Dibromoethane	mg/kg	0.0230	0.0226	1.62	22			R200446-2	WG161831
1,2-Dichlorobenzene	mg/kg	0.0190	0.0200	4.87	22			R200446-2	WG161831
1,2-Dichloroethane	mg/kg	0.0187	0.0197	5.22	23			R200446-2	WG161831
1,2-Dichloropropene	mg/kg	0.0192	0.0191	0.209	22			R200446-2	WG161831
1,3,5-Trimethylbenzene	mg/kg	0.0217	0.0212	2.38	20			R200446-2	WG161831
1,3-Dichlorobenzene	mg/kg	0.0223	0.0215	3.74	22			R200446-2	WG161831
1,3-Dichloropropane	mg/kg	0.0200	0.0209	4.41	23			R200446-2	WG161831
1,4-Dichlorobenzene	mg/kg	0.0186	0.0198	6.25	20			R200446-2	WG161831
2,2-Dichloropropene	mg/kg	0.0190	0.0194	1.93	17			R200446-2	WG161831
2-Butanone (MEK)	mg/kg	0.0956	0.102	6.12	28			R200446-2	WG161831
2-Chloroethyl vinyl ether	mg/kg	0.0839	0.0806	3.92	25			R200446-2	WG161831
2-Chlorotoluene	mg/kg	0.0207	0.0203	1.90	28			R200446-2	WG161831
2-Hexanone	mg/kg	0.0909	0.0952	4.60	24			R200446-2	WG161831
4-Chlorotoluene	mg/kg	0.0210	0.0209	0.382	17			R200446-2	WG161831
4-Methyl-2-pentanone (MIBK)	mg/kg	0.107	0.113	5.27	29			R200446-2	WG161831
Acetone	mg/kg	0.0768	0.0815	5.95	23			R200446-2	WG161831
Acrolein	mg/kg	0.0290	0.0364	22.6	20			R200446-2	WG161831
Acrylonitrile	mg/kg	0.0804	0.0860	6.73	19			R200446-2	WG161831
Benzene	mg/kg	0.0182	0.0190	4.35	20			R200446-2	WG161831
Bromobenzene	mg/kg	0.0229	0.0228	0.788	30			R200446-2	WG161831
Bromodichloromethane	mg/kg	0.0208	0.0214	2.84	22			R200446-2	WG161831
Bromoform	mg/kg	0.0241	0.0242	0.580	17			R200446-2	WG161831
Bromomethane	mg/kg	0.0139	0.0140	0.574	17			R200446-2	WG161831
Carbon tetrachloride	mg/kg	0.0231	0.0245	5.96	23			R200446-2	WG161831
Chlorobenzene	mg/kg	0.0213	0.0212	0.283	25			R200446-2	WG161831
Chlorodibromomethane	mg/kg	0.0213	0.0212	0.423	17			R200446-2	WG161831
Chloroethane	mg/kg	0.0200	0.0202	1.04	20			R200446-2	WG161831
Chloroform	mg/kg	0.0171	0.0176	2.77	22			R200446-2	WG161831
Chloromethane	mg/kg	0.0190	0.0198	4.12	20			R200446-2	WG161831
cis-1,2-Dichloroethene	mg/kg	0.0196	0.0206	5.22	22			R200446-2	WG161831
cis-1,3-Dichloropropene	mg/kg	0.0203	0.0208	2.33	28			R200446-2	WG161831
Di-isopropyl ether	mg/kg	0.0175	0.0182	4.15	23			R200446-2	WG161831
Dibromomethane	mg/kg	0.0200	0.0215	6.84	29			R200446-2	WG161831
Dichlorodifluoromethane	mg/kg	0.0260	0.0275	5.50	21			R200446-2	WG161831
Ethyl ether	mg/kg	0.205	0.212	3.50	30			R200446-2	WG161831
Ethylbenzene	mg/kg	0.0204	0.0205	0.147	22			R200446-2	WG161831
Hexachlorobutadiene	mg/kg	0.0196	0.0201	2.57	24			R200446-2	WG161831
Isopropylbenzene	mg/kg	0.0209	0.0207	0.864	20			R200446-2	WG161831
Methyl tert-butyl ether	mg/kg	0.0203	0.0194	4.28	24			R200446-2	WG161831
Methylene Chloride	mg/kg	0.0180	0.0185	2.68	11			R200446-2	WG161831
n-Butylbenzene	mg/kg	0.0194	0.0198	2.10	22			R200446-2	WG161831
n-Propylbenzene	mg/kg	0.0208	0.0205	1.41	24			R200446-2	WG161831
Naphthalene	mg/kg	0.0195	0.0189	3.13	26			R200446-2	WG161831
p-Isopropyltoluene	mg/kg	0.0200	0.0199	0.551	23			R200446-2	WG161831
sec-Butylbenzene	mg/kg	0.0204	0.0199	2.58	24			R200446-2	WG161831



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Quality Assurance Report  
Level II

L159712

July 06, 2004

Styrene	mg/kg	0.0213	0.0211	0.989	26	R200446-2	WG161831
Analyte	Laboratory Control Sample Duplicate				Limit	Ref Samp	Batch
	Units	LCSD Res	Ref Res	RPD			
tert-Butylbenzene	mg/kg	0.0217	0.0211	3.13	25	R200446-2	WG161831
Tetrachloroethene	mg/kg	0.0215	0.0218	1.66	24	R200446-2	WG161831
Tetrahydrofuran	mg/kg	0.147	0.155	5.63	30	R200446-2	WG161831
Toluene	mg/kg	0.0186	0.0194	4.26	17	R200446-2	WG161831
trans-1,2-Dichloroethene	mg/kg	0.0203	0.0214	5.56	20	R200446-2	WG161831
trans-1,3-Dichloropropene	mg/kg	0.0176	0.0188	6.26	25	R200446-2	WG161831
Trichloroethene	mg/kg	0.0200	0.0206	2.71	22	R200446-2	WG161831
Trichlorofluoromethane	mg/kg	0.0183	0.0194	5.90	20	R200446-2	WG161831
Vinyl chloride	mg/kg	0.0190	0.0195	2.76	16	R200446-2	WG161831
Xylenes, Total	mg/kg	0.0630	0.0620	1.62	20	R200446-2	WG161831
WI DRO	mg/kg	35.5	32.6	8.45	20	R200571-3	WG161881
WI DRO	mg/kg	37.6	35.8	4.82	20	R200572-3	WG161882
1,1,1,2-Tetrachloroethane	mg/kg	0.0230	0.0228	0.787	22	R200621-3	WG162083
1,1,1-Trichloroethane	mg/kg	0.0194	0.0204	4.83	23	R200621-3	WG162083
1,1,2,2-Tetrachloroethane	mg/kg	0.0205	0.0212	2.93	23	R200621-3	WG162083
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0184	0.0186	1.03	22	R200621-3	WG162083
1,1,2-Trichloroethane	mg/kg	0.0201	0.0211	4.85	14	R200621-3	WG162083
1,1-Dichloroethane	mg/kg	0.0185	0.0191	3.30	21	R200621-3	WG162083
1,1-Dichloroethene	mg/kg	0.0207	0.0217	4.48	20	R200621-3	WG162083
1,1-Dichloropropene	mg/kg	0.0200	0.0205	2.08	20	R200621-3	WG162083
1,2,3-Trichlorobenzene	mg/kg	0.0206	0.0210	2.16	25	R200621-3	WG162083
1,2,3-Trichloropropane	mg/kg	0.0210	0.0206	1.88	23	R200621-3	WG162083
1,2,3-Trimethylbenzene	mg/kg	0.0160	0.0164	2.59	23	R200621-3	WG162083
1,2,4-Trichlorobenzene	mg/kg	0.0207	0.0217	4.86	22	R200621-3	WG162083
1,2,4-Trimethylbenzene	mg/kg	0.0232	0.0233	0.645	22	R200621-3	WG162083
1,2-Dibromo-3-Chloropropane	mg/kg	0.0164	0.0180	9.00	24	R200621-3	WG162083
1,2-Dibromoethane	mg/kg	0.0216	0.0227	4.92	22	R200621-3	WG162083
1,2-Dichlorobenzene	mg/kg	0.0194	0.0203	4.54	22	R200621-3	WG162083
1,2-Dichloroethane	mg/kg	0.0191	0.0208	8.64	23	R200621-3	WG162083
1,2-Dichloropropane	mg/kg	0.0207	0.0200	3.48	22	R200621-3	WG162083
1,3,5-Trimethylbenzene	mg/kg	0.0228	0.0226	0.836	20	R200621-3	WG162083
1,3-Dichlorobenzene	mg/kg	0.0227	0.0226	0.663	22	R200621-3	WG162083
1,3-Dichloropropane	mg/kg	0.0204	0.0206	0.732	23	R200621-3	WG162083
1,4-Dichlorobenzene	mg/kg	0.0196	0.0208	5.93	20	R200621-3	WG162083
2,2-Dichloropropane	mg/kg	0.0191	0.0203	6.03	17	R200621-3	WG162083
2-Butanone (MEK)	mg/kg	0.0888	0.0970	8.90	28	R200621-3	WG162083
2-Chloroethyl vinyl ether	mg/kg	0.0851	0.0904	6.08	25	R200621-3	WG162083
2-Chlorotoluene	mg/kg	0.0215	0.0214	0.606	28	R200621-3	WG162083
2-Hexanone	mg/kg	0.0823	0.0881	6.91	24	R200621-3	WG162083
4-Chlorotoluene	mg/kg	0.0220	0.0223	1.31	17	R200621-3	WG162083
4-Methyl-2-pentanone (MIBK)	mg/kg	0.101	0.107	5.48	29	R200621-3	WG162083
Acetone	mg/kg	0.0800	0.0831	3.79	23	R200621-3	WG162083
Acrolein	mg/kg	0.0323	0.0315	2.63	20	R200621-3	WG162083
Acrylonitrile	mg/kg	0.0762	0.0795	4.15	19	R200621-3	WG162083
Benzene	mg/kg	0.0190	0.0200	4.83	20	R200621-3	WG162083
Bromobenzene	mg/kg	0.0234	0.0232	1.12	30	R200621-3	WG162083
Bromodichloromethane	mg/kg	0.0221	0.0219	0.909	22	R200621-3	WG162083
Bromoform	mg/kg	0.0230	0.0237	2.74	17	R200621-3	WG162083
Bromomethane	mg/kg	0.0179	0.0187	4.10	17	R200621-3	WG162083
Carbon tetrachloride	mg/kg	0.0244	0.0254	4.09	23	R200621-3	WG162083
Chlorobenzene	mg/kg	0.0216	0.0221	2.38	25	R200621-3	WG162083
Chlorodibromomethane	mg/kg	0.0212	0.0217	2.29	17	R200621-3	WG162083
Chloroethane	mg/kg	0.0214	0.0220	2.76	20	R200621-3	WG162083
Chloroform	mg/kg	0.0175	0.0179	2.43	22	R200621-3	WG162083
Chloromethane	mg/kg	0.0211	0.0219	3.72	20	R200621-3	WG162083
cis-1,2-Dichloroethene	mg/kg	0.0205	0.0211	2.69	22	R200621-3	WG162083



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cis-1,3-Dichloropropene mg/kg 0.0214 0.0210 1.60 28 R200621-3 WG162083

Analyte	Laboratory Control Sample Duplicate				Limit	Ref Samp	Batch
	Units	LCSD Res	Ref Res	RPD			
Di-isopropyl ether	mg/kg	0.0177	0.0185	4.36	23	R200621-3	WG162083
Dibromomethane	mg/kg	0.0199	0.0206	3.16	29	R200621-3	WG162083
Dichlorodifluoromethane	mg/kg	0.0301	0.0305	1.25	21	R200621-3	WG162083
Ethyl ether	mg/kg	0.204	0.213	4.61	30	R200621-3	WG162083
Ethylbenzene	mg/kg	0.0213	0.0218	2.28	22	R200621-3	WG162083
Hexachlorobutadiene	mg/kg	0.0203	0.0205	0.932	24	R200621-3	WG162083
Isopropylbenzene	mg/kg	0.0216	0.0221	2.43	20	R200621-3	WG162083
Methyl tert-butyl ether	mg/kg	0.0209	0.0229	8.96	24	R200621-3	WG162083
Methylene Chloride	mg/kg	0.0182	0.0186	2.12	11	R200621-3	WG162083
n-Butylbenzene	mg/kg	0.0202	0.0210	4.23	22	R200621-3	WG162083
n-Propylbenzene	mg/kg	0.0218	0.0221	1.28	24	R200621-3	WG162083
Naphthalene	mg/kg	0.0181	0.0183	1.32	26	R200621-3	WG162083
p-Isopropyltoluene	mg/kg	0.0209	0.0208	0.0480	23	R200621-3	WG162083
sec-Butylbenzene	mg/kg	0.0214	0.0213	0.610	24	R200621-3	WG162083
Styrene	mg/kg	0.0215	0.0222	3.11	26	R200621-3	WG162083
tert-Butylbenzene	mg/kg	0.0222	0.0225	1.39	25	R200621-3	WG162083
Tetrachloroethene	mg/kg	0.0223	0.0227	1.96	24	R200621-3	WG162083
Tetrahydrofuran	mg/kg	0.134	0.144	6.55	30	R200621-3	WG162083
Toluene	mg/kg	0.0202	0.0197	2.76	17	R200621-3	WG162083
trans-1,2-Dichloroethene	mg/kg	0.0212	0.0220	3.70	20	R200621-3	WG162083
trans-1,3-Dichloropropene	mg/kg	0.0183	0.0189	2.96	25	R200621-3	WG162083
Trichloroethene	mg/kg	0.0216	0.0218	0.877	22	R200621-3	WG162083
Trichlorofluoromethane	mg/kg	0.0196	0.0202	2.66	20	R200621-3	WG162083
Vinyl chloride	mg/kg	0.0201	0.0207	3.14	16	R200621-3	WG162083
Xylenes, Total	mg/kg	0.0649	0.0667	2.86	20	R200621-3	WG162083
GRO	mg/l	0.546	0.557	1.99	16	R200681-5	WG162182
GRO	mg/kg	0.562	0.524	7.00	16	R200731-4	WG162292

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,1,1,2-Tetrachloroethane	mg/l	0.0192	0.00	0.02	96.0	67-139	L159742-03	WG161545
1,1,1-Trichloroethane	mg/l	0.0198	0.00	0.02	99.0	46-143	L159742-03	WG161545
1,1,2,2-Tetrachloroethane	mg/l	0.0204	0.00	0.02	102.	70-116	L159742-03	WG161545
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0173	0.00	0.02	86.4	30-134	L159742-03	WG161545
1,1,2-Trichloroethane	mg/l	0.0207	0.00	0.02	104.	70-122	L159742-03	WG161545
1,1-Dichloroethane	mg/l	0.0213	0.00	0.02	106.	47-138	L159742-03	WG161545
1,1-Dichloroethene	mg/l	0.0210	0.00	0.02	105.	56-162	L159742-03	WG161545
1,1-Dichloropropene	mg/l	0.0207	0.00	0.02	103.	49-140	L159742-03	WG161545
1,2,3-Trichlorobenzene	mg/l	0.0139	0.00	0.02	69.6	63-124	L159742-03	WG161545
1,2,3-Trichloropropane	mg/l	0.0195	0.00	0.02	97.7	66-124	L159742-03	WG161545
1,2,3-Trimethylbenzene	mg/l	0.0146	0.00	0.02	72.8	51-109	L159742-03	WG161545
1,2,4-Trichlorobenzene	mg/l	0.0133	0.00	0.02	66.3	52-130	L159742-03	WG161545
1,2,4-Trimethylbenzene	mg/l	0.0166	0.00	0.02	82.8	62-126	L159742-03	WG161545
1,2-Dibromo-3-Chloropropane	mg/l	0.0226	0.00	0.02	113.	48-122	L159742-03	WG161545
1,2-Dibromoethane	mg/l	0.0190	0.00	0.02	95.1	74-121	L159742-03	WG161545
1,2-Dichlorobenzene	mg/l	0.0170	0.00	0.02	85.1	65-119	L159742-03	WG161545
1,2-Dichloroethane	mg/l	0.0217	0.00	0.02	109.	48-148	L159742-03	WG161545
1,2-Dichloropropane	mg/l	0.0219	0.00	0.02	110.	66-122	L159742-03	WG161545
1,3,5-Trimethylbenzene	mg/l	0.0164	0.00	0.02	82.0	60-127	L159742-03	WG161545
1,3-Dichlorobenzene	mg/l	0.0152	0.00	0.02	76.1	62-122	L159742-03	WG161545
1,3-Dichloropropane	mg/l	0.0202	0.00	0.02	101.	77-121	L159742-03	WG161545
1,4-Dichlorobenzene	mg/l	0.0169	0.00	0.02	84.7	60-123	L159742-03	WG161545
2,2-Dichloropropane	mg/l	0.0211	0.00	0.02	106.	40-148	L159742-03	WG161545
2-Butanone (MEK)	mg/l	0.123	0.00	0.1	123.	26-114	L159742-03	WG161545
2-Chloroethyl vinyl ether	mg/l	0.105	0.00	0.1	105.	0-100	L159742-03	WG161545
2-Chlorotoluene	mg/l	0.0170	0.00	0.02	85.0	62-120	L159742-03	WG161545



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Quality Assurance Report  
Level II

Roseville, MN 55113

L159712

July 06, 2004

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
2-Hexanone	mg/l	0.110	0.00	0.1	110.	46-122	L159742-03	WG161545
Matrix Spike								
4-Chlorotoluene	mg/l	0.0157	0.00	0.02	78.6	63-123	L159742-03	WG161545
4-Methyl-2-pentanone (MIBK)	mg/l	0.122	0.00	0.1	122.	56-133	L159742-03	WG161545
Acetone	mg/l	0.156	0.00	0.1	156.	13-145	L159742-03	WG161545
Acrolein	mg/l	0.0386	0.00	0.1	38.6	14-90	L159742-03	WG161545
Acrylonitrile	mg/l	0.104	0.00	0.1	104.	33-128	L159742-03	WG161545
Benzene	mg/l	0.0206	0.00	0.02	103.	55-130	L159742-03	WG161545
Bromobenzene	mg/l	0.0179	0.00	0.02	89.3	67-134	L159742-03	WG161545
Bromodichloromethane	mg/l	0.0214	0.00	0.02	107.	57-126	L159742-03	WG161545
Bromoform	mg/l	0.0196	0.00	0.02	98.2	52-130	L159742-03	WG161545
Bromomethane	mg/l	0.0177	0.00	0.02	88.4	17-150	L159742-03	WG161545
Carbon tetrachloride	mg/l	0.0203	0.00	0.02	102.	42-141	L159742-03	WG161545
Chlorobenzene	mg/l	0.0169	0.00	0.02	84.7	66-125	L159742-03	WG161545
Chlorodibromomethane	mg/l	0.0181	0.00	0.02	90.4	58-123	L159742-03	WG161545
Chloroethane	mg/l	0.0222	0.00	0.02	111.	29-131	L159742-03	WG161545
Chloroform	mg/l	0.0209	0.00	0.02	105.	46-136	L159742-03	WG161545
Chloromethane	mg/l	0.0222	0.00	0.02	111.	26-120	L159742-03	WG161545
cis-1,2-Dichloroethene	mg/l	0.0216	0.00	0.02	108.	59-133	L159742-03	WG161545
cis-1,3-Dichloropropene	mg/l	0.0206	0.00	0.02	103.	77-132	L159742-03	WG161545
Di-isopropyl ether	mg/l	0.0212	0.00	0.02	106.	47-141	L159742-03	WG161545
Dibromomethane	mg/l	0.0206	0.00	0.02	103.	64-119	L159742-03	WG161545
Dichlorodifluoromethane	mg/l	0.0145	0.00	0.02	72.5	13-113	L159742-03	WG161545
Ethyl ether	mg/l	0.205	0.00	0.02	1030	70-130	L159742-03	WG161545
Ethylbenzene	mg/l	0.0171	0.00	0.02	85.5	61-123	L159742-03	WG161545
Hexachlorobutadiene	mg/l	0.0134	0.00	0.02	67.2	39-138	L159742-03	WG161545
Isopropylbenzene	mg/l	0.0168	0.00	0.02	83.8	56-120	L159742-03	WG161545
Methyl tert-butyl ether	mg/l	0.0226	0.00	0.02	113.	43-140	L159742-03	WG161545
Methylene Chloride	mg/l	0.0223	0.00	0.02	112.	55-123	L159742-03	WG161545
n-Butylbenzene	mg/l	0.0168	0.00	0.02	84.1	43-139	L159742-03	WG161545
n-Propylbenzene	mg/l	0.0166	0.00	0.02	83.0	57-127	L159742-03	WG161545
Naphthalene	mg/l	0.0170	0.00	0.02	84.8	39-122	L159742-03	WG161545
p-Isopropyltoluene	mg/l	0.0158	0.00	0.02	79.1	58-127	L159742-03	WG161545
sec-Butylbenzene	mg/l	0.0171	0.00	0.02	85.3	55-124	L159742-03	WG161545
Styrene	mg/l	0.0163	0.00	0.02	81.4	61-119	L159742-03	WG161545
tert-Butylbenzene	mg/l	0.0170	0.00	0.02	85.2	58-129	L159742-03	WG161545
Tetrachloroethene	mg/l	0.0156	0.00	0.02	78.1	49-144	L159742-03	WG161545
Tetrahydrofuran	mg/l	0.0209	0.00	0.02	105.	70-130	L159742-03	WG161545
Toluene	mg/l	0.0200	0.00	0.02	100.	59-123	L159742-03	WG161545
trans-1,2-Dichloroethene	mg/l	0.0214	0.00	0.02	107.	53-145	L159742-03	WG161545
trans-1,3-Dichloropropene	mg/l	0.0187	0.00	0.02	93.6	69-125	L159742-03	WG161545
Trichloroethene	mg/l	0.0190	0.00	0.02	95.2	61-141	L159742-03	WG161545
Trichlorofluoromethane	mg/l	0.0193	0.00	0.02	96.6	24-113	L159742-03	WG161545
Vinyl chloride	mg/l	0.0206	0.00	0.02	103.	26-110	L159742-03	WG161545
Xylenes, Total	mg/l	0.0518	0.00	0.06	86.3	64-119	L159742-03	WG161545
1,1,1,2-Tetrachloroethane	mg/kg	0.616	0.00	0.54	114.	74-129	L159781-03	WG161831
1,1,1-Trichloroethane	mg/kg	0.492	0.00	0.54	91.1	48-141	L159781-03	WG161831
1,1,2,2-Tetrachloroethane	mg/kg	0.577	0.00	0.54	107.	64-118	L159781-03	WG161831
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.434	0.00	0.54	80.4	50-123	L159781-03	WG161831
1,1,2-Trichloroethane	mg/kg	0.535	0.00	0.54	99.0	71-120	L159781-03	WG161831
1,1-Dichloroethane	mg/kg	0.453	0.00	0.54	83.9	57-144	L159781-03	WG161831
1,1-Dichloroethene	mg/kg	0.481	0.00	0.54	89.1	48-167	L159781-03	WG161831
1,1-Dichloropropene	mg/kg	0.476	0.00	0.54	88.1	41-148	L159781-03	WG161831
1,2,3-Trichlorobenzene	mg/kg	0.539	0.00	0.54	99.8	48-133	L159781-03	WG161831
1,2,3-Trichloropropane	mg/kg	0.624	0.00	0.54	116.	63-123	L159781-03	WG161831
1,2,3-Trimethylbenzene	mg/kg	0.519	0.00	0.54	96.1	44-112	L159781-03	WG161831
1,2,4-Trichlorobenzene	mg/kg	0.490	0.00	0.54	90.7	44-135	L159781-03	WG161831
1,2,4-Trimethylbenzene	mg/kg	1.35	0.00	0.54	249.	42-135	L159781-03	WG161831
1,2-Dibromo-3-Chloropropane	mg/kg	0.537	0.00	0.54	99.4	38-138	L159781-03	WG161831
1,2-Dibromoethane	mg/kg	0.636	0.00	0.54	118.	67-122	L159781-03	WG161831



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Ms. Anne Reppe  
1929 County Rd C-2 W

Quality Assurance Report  
Level II

Roseville, MN 55113

L159712

July 06, 2004

1,2-Dichlorobenzene mg/kg 0.470 0.00 0.54 87.0 48-126 L159781-03 WG161831

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,2-Dichloroethane	mg/kg	0.496	0.00	0.54	91.8	40-158	L159781-03	WG161831
1,2-Dichloropropane	mg/kg	0.476	0.00	0.54	88.1	61-134	L159781-03	WG161831
1,3,5-Trimethylbenzene	mg/kg	0.740	0.00	0.54	137.	40-138	L159781-03	WG161831
1,3-Dichlorobenzene	mg/kg	0.543	0.00	0.54	101.	41-134	L159781-03	WG161831
1,3-Dichloropropane	mg/kg	0.509	0.00	0.54	94.2	72-125	L159781-03	WG161831
1,4-Dichlorobenzene	mg/kg	0.444	0.00	0.54	82.2	44-129	L159781-03	WG161831
2,2-Dichloropropane	mg/kg	0.500	0.00	0.54	92.6	42-154	L159781-03	WG161831
2-Butanone (MEK)	mg/kg	2.37	0.00	2.7	87.9	31-128	L159781-03	WG161831
2-Chloroethyl vinyl ether	mg/kg	1.64	0.00	2.7	60.9	17-168	L159781-03	WG161831
2-Chlorotoluene	mg/kg	0.536	0.00	0.54	99.2	46-123	L159781-03	WG161831
2-Hexanone	mg/kg	2.39	0.00	2.7	88.6	56-119	L159781-03	WG161831
4-Chlorotoluene	mg/kg	0.523	0.00	0.54	96.9	38-130	L159781-03	WG161831
4-Methyl-2-pentanone (MIBK)	mg/kg	2.92	0.00	2.7	108.	31-156	L159781-03	WG161831
Acetone	mg/kg	1.93	0.00	2.7	71.4	17-104	L159781-03	WG161831
Acrolein	mg/kg	1.16	0.00	2.7	43.1	34-95	L159781-03	WG161831
Acrylonitrile	mg/kg	2.08	0.00	2.7	77.0	45-131	L159781-03	WG161831
Benzene	mg/kg	0.572	0.00	0.54	106.	61-136	L159781-03	WG161831
Bromobenzene	mg/kg	0.906	0.00	0.54	168.	41-139	L159781-03	WG161831
Bromodichloromethane	mg/kg	0.527	0.00	0.54	97.5	45-136	L159781-03	WG161831
Bromoform	mg/kg	0.633	0.00	0.54	117.	52-125	L159781-03	WG161831
Bromomethane	mg/kg	0.298	0.00	0.54	55.1	35-153	L159781-03	WG161831
Carbon tetrachloride	mg/kg	0.646	0.00	0.54	120.	33-144	L159781-03	WG161831
Chlorobenzene	mg/kg	0.547	0.00	0.54	101.	53-129	L159781-03	WG161831
Chlorodibromomethane	mg/kg	0.568	0.00	0.54	105.	56-120	L159781-03	WG161831
Chloroethane	mg/kg	0.469	0.00	0.54	86.9	41-148	L159781-03	WG161831
Chloroform	mg/kg	0.433	0.00	0.54	80.1	60-129	L159781-03	WG161831
Chloromethane	mg/kg	0.438	0.00	0.54	81.1	15-138	L159781-03	WG161831
cis-1,2-Dichloroethene	mg/kg	0.486	0.00	0.54	89.9	61-137	L159781-03	WG161831
cis-1,3-Dichloropropene	mg/kg	0.514	0.00	0.54	95.2	50-161	L159781-03	WG161831
Di-isopropyl ether	mg/kg	0.440	0.00	0.54	81.6	63-133	L159781-03	WG161831
Dibromomethane	mg/kg	0.535	0.00	0.54	99.0	49-133	L159781-03	WG161831
Dichlorodifluoromethane	mg/kg	0.671	0.00	0.54	124.	19-112	L159781-03	WG161831
Ethyl ether	mg/kg	5.10	0.00	0.54	944.	70-130	L159781-03	WG161831
Ethylbenzene	mg/kg	0.792	0.00	0.54	147.	57-126	L159781-03	WG161831
Hexachlorobutadiene	mg/kg	0.485	0.00	0.54	89.7	35-134	L159781-03	WG161831
Isopropylbenzene	mg/kg	0.595	0.00	0.54	110.	49-119	L159781-03	WG161831
Methyl tert-butyl ether	mg/kg	0.793	0.00	0.54	147.	53-134	L159781-03	WG161831
Methylene Chloride	mg/kg	0.430	0.00	0.54	79.7	54-131	L159781-03	WG161831
n-Butylbenzene	mg/kg	0.496	0.00	0.54	91.9	31-142	L159781-03	WG161831
n-Propylbenzene	mg/kg	0.621	0.00	0.54	115.	40-142	L159781-03	WG161831
Naphthalene	mg/kg	0.862	0.00	0.54	160.	32-147	L159781-03	WG161831
p-Isopropyltoluene	mg/kg	0.524	0.00	0.54	97.0	43-129	L159781-03	WG161831
sec-Butylbenzene	mg/kg	0.619	0.00	0.54	115.	45-123	L159781-03	WG161831
Styrene	mg/kg	0.574	0.00	0.54	106.	46-131	L159781-03	WG161831
tert-Butylbenzene	mg/kg	0.588	0.00	0.54	109.	45-133	L159781-03	WG161831
Tetrachloroethene	mg/kg	0.517	0.00	0.54	95.8	55-117	L159781-03	WG161831
Tetrahydrofuran	mg/kg	4.12	0.00	5.4	76.3	70-130	L159781-03	WG161831
Toluene	mg/kg	1.34	0.00	0.54	249.	60-126	L159781-03	WG161831
trans-1,2-Dichloroethene	mg/kg	0.497	0.00	0.54	92.1	36-146	L159781-03	WG161831
trans-1,3-Dichloropropene	mg/kg	0.459	0.00	0.54	85.0	57-144	L159781-03	WG161831
Trichloroethene	mg/kg	0.516	0.00	0.54	95.5	55-143	L159781-03	WG161831
Trichlorofluoromethane	mg/kg	0.468	0.00	0.54	86.7	25-111	L159781-03	WG161831
Vinyl chloride	mg/kg	0.437	0.00	0.54	80.9	37-109	L159781-03	WG161831
Xylenes, Total	mg/kg	2.98	0.00	1.62	184.	55-125	L159781-03	WG161831
GRO	mg/l	0.544	0.00	2.2	24.7	52-124	L159674-08	WG162182
GRO	mg/kg	13.8	0.00	53.9	25.6	52-124	L159712-01	WG162292



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Quality Assurance Report  
Level II  
L159712

July 06, 2004

Analyte	Matrix Spike Duplicate			RPD	Limit	%Rec	Ref Samp	Batch
	Units	MSD Res	Ref Res					
1,1,1,2-Tetrachloroethane	mg/l	0.0194	0.0192	1.19	16	97.2	L159742-03	WG161545
1,1,1-Trichloroethane	mg/l	0.0201	0.0198	1.55	28	101.	L159742-03	WG161545
1,1,2,2-Tetrachloroethane	mg/l	0.0211	0.0204	3.18	10	105.	L159742-03	WG161545
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0162	0.0173	6.27	40	81.1	L159742-03	WG161545
1,1,2-Trichloroethane	mg/l	0.0205	0.0207	0.970	16	103.	L159742-03	WG161545
1,1-Dichloroethane	mg/l	0.0200	0.0213	5.86	17	100.	L159742-03	WG161545
1,1-Dichloroethene	mg/l	0.0206	0.0210	1.88	36	103.	L159742-03	WG161545
1,1-Dichloropropene	mg/l	0.0211	0.0207	2.20	33	106.	L159742-03	WG161545
1,2,3-Trichlorobenzene	mg/l	0.0154	0.0139	10.4	17	77.2	L159742-03	WG161545
1,2,3-Trichloropropane	mg/l	0.0212	0.0195	8.20	13	106.	L159742-03	WG161545
1,2,3-Trimethylbenzene	mg/l	0.0147	0.0146	1.23	20	73.7	L159742-03	WG161545
1,2,4-Trichlorobenzene	mg/l	0.0146	0.0133	9.90	25	73.2	L159742-03	WG161545
1,2,4-Trimethylbenzene	mg/l	0.0170	0.0166	2.62	29	85.0	L159742-03	WG161545
1,2-Dibromo-3-Chloropropane	mg/l	0.0243	0.0226	7.59	21	122.	L159742-03	WG161545
1,2-Dibromoethane	mg/l	0.0198	0.0190	4.22	19	99.2	L159742-03	WG161545
1,2-Dichlorobenzene	mg/l	0.0173	0.0170	1.57	16	86.4	L159742-03	WG161545
1,2-Dichloroethane	mg/l	0.0214	0.0217	1.53	13	107.	L159742-03	WG161545
1,2-Dichloropropane	mg/l	0.0209	0.0219	4.58	14	105.	L159742-03	WG161545
1,3,5-Trimethylbenzene	mg/l	0.0168	0.0164	2.17	28	83.8	L159742-03	WG161545
1,3-Dichlorobenzene	mg/l	0.0158	0.0152	3.55	25	78.8	L159742-03	WG161545
1,3-Dichloropropane	mg/l	0.0199	0.0202	1.50	15	99.3	L159742-03	WG161545
1,4-Dichlorobenzene	mg/l	0.0166	0.0169	2.03	18	83.0	L159742-03	WG161545
2,2-Dichloropropane	mg/l	0.0212	0.0211	0.331	31	106.	L159742-03	WG161545
2-Butanone (MEK)	mg/l	0.126	0.123	2.01	10	126.	L159742-03	WG161545
2-Chloroethyl vinyl ether	mg/l	0.105	0.105	0.0949	25	105.	L159742-03	WG161545
2-Chlorotoluene	mg/l	0.0170	0.0170	0.235	24	85.2	L159742-03	WG161545
2-Hexanone	mg/l	0.114	0.110	4.02	17	114.	L159742-03	WG161545
4-Chlorotoluene	mg/l	0.0162	0.0157	3.13	22	81.1	L159742-03	WG161545
4-Methyl-2-pentanone (MIBK)	mg/l	0.123	0.122	0.815	12	123.	L159742-03	WG161545
Acetone	mg/l	0.147	0.156	6.21	23	147.	L159742-03	WG161545
Acrolein	mg/l	0.0363	0.0386	6.12	34	36.3	L159742-03	WG161545
Acrylonitrile	mg/l	0.104	0.104	0.385	13	104.	L159742-03	WG161545
Benzene	mg/l	0.0207	0.0206	0.484	20	104.	L159742-03	WG161545
Bromobenzene	mg/l	0.0179	0.0179	0.168	22	89.4	L159742-03	WG161545
Bromodichloromethane	mg/l	0.0218	0.0214	2.04	13	109.	L159742-03	WG161545
Bromoform	mg/l	0.0213	0.0196	7.97	18	106.	L159742-03	WG161545
Bromomethane	mg/l	0.0176	0.0177	0.454	20	88.0	L159742-03	WG161545
Carbon tetrachloride	mg/l	0.0208	0.0203	2.39	36	104.	L159742-03	WG161545
Chlorobenzene	mg/l	0.0171	0.0169	1.17	21	85.7	L159742-03	WG161545
Chlorodibromomethane	mg/l	0.0178	0.0181	1.50	17	89.1	L159742-03	WG161545
Chloroethane	mg/l	0.0220	0.0222	1.09	25	110.	L159742-03	WG161545
Chloroform	mg/l	0.0203	0.0209	3.15	26	101.	L159742-03	WG161545
Chloromethane	mg/l	0.0212	0.0222	4.47	31	106.	L159742-03	WG161545
cis-1,2-Dichloroethene	mg/l	0.0220	0.0216	1.70	18	110.	L159742-03	WG161545
cis-1,3-Dichloropropene	mg/l	0.0208	0.0206	1.16	17	104.	L159742-03	WG161545
Di-isopropyl ether	mg/l	0.0199	0.0212	6.47	13	99.5	L159742-03	WG161545
Dibromomethane	mg/l	0.0208	0.0206	0.532	12	104.	L159742-03	WG161545
Dichlorodifluoromethane	mg/l	0.0144	0.0145	0.553	28	72.1	L159742-03	WG161545
Ethyl ether	mg/l	0.204	0.205	0.685	30	1020	L159742-03	WG161545
Ethylbenzene	mg/l	0.0177	0.0171	3.22	25	88.3	L159742-03	WG161545
Hexachlorobutadiene	mg/l	0.0154	0.0134	13.3	36	76.8	L159742-03	WG161545
Isopropylbenzene	mg/l	0.0177	0.0168	5.29	29	88.4	L159742-03	WG161545
Methyl tert-butyl ether	mg/l	0.0227	0.0226	0.398	16	113.	L159742-03	WG161545
Methylene Chloride	mg/l	0.0216	0.0223	3.05	16	108.	L159742-03	WG161545
n-Butylbenzene	mg/l	0.0171	0.0168	1.48	30	85.3	L159742-03	WG161545
n-Propylbenzene	mg/l	0.0168	0.0166	1.44	30	84.2	L159742-03	WG161545
Naphthalene	mg/l	0.0186	0.0170	9.12	39	92.9	L159742-03	WG161545
p-Isopropyltoluene	mg/l	0.0163	0.0158	3.17	36	81.7	L159742-03	WG161545
sec-Butylbenzene	mg/l	0.0180	0.0171	5.20	32	89.9	L159742-03	WG161545
Styrene	mg/l	0.0166	0.0163	1.95	21	83.0	L159742-03	WG161545



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Roseville, MN 55113

Quality Assurance Report  
Level II

L159712

July 06, 2004

tert-Butylbenzene mg/l 0.0178 0.0170 4.53 30 89.1 L159742-03 WG161545

Analyte	Matrix Spike Duplicate				RPD	Limit	%Rec	Ref Samp	Batch
	Units	MSD	Res	Ref Res					
Tetrachloroethene	mg/l	0.0165	0.0156	5.60	32	82.6	L159742-03	WG161545	
Tetrahydrofuran	mg/l	0.0215	0.0209	2.97	30	108.	L159742-03	WG161545	
Toluene	mg/l	0.0201	0.0200	0.449	17	101.	L159742-03	WG161545	
trans-1,2-Dichloroethene	mg/l	0.0205	0.0214	4.30	27	102.	L159742-03	WG161545	
trans-1,3-Dichloropropene	mg/l	0.0187	0.0187	0.0534	16	93.6	L159742-03	WG161545	
Trichloroethene	mg/l	0.0197	0.0190	3.51	25	98.6	L159742-03	WG161545	
Trichlorofluoromethane	mg/l	0.0192	0.0193	0.467	41	96.1	L159742-03	WG161545	
Vinyl chloride	mg/l	0.0201	0.0206	2.51	36	100.	L159742-03	WG161545	
Xylenes, Total	mg/l	0.0533	0.0518	2.76	21	88.8	L159742-03	WG161545	
1,1,1,2-Tetrachloroethane	mg/kg	0.601	0.616	2.38	22	111.	L159781-03	WG161831	
1,1,1-Trichloroethane	mg/kg	0.513	0.492	4.12	23	95.0	L159781-03	WG161831	
1,1,2,2-Tetrachloroethane	mg/kg	0.553	0.577	4.27	23	102.	L159781-03	WG161831	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.479	0.434	9.70	22	88.6	L159781-03	WG161831	
1,1,2-Trichloroethane	mg/kg	0.547	0.535	2.24	14	101.	L159781-03	WG161831	
1,1-Dichloroethane	mg/kg	0.474	0.453	4.44	21	87.7	L159781-03	WG161831	
1,1-Dichloroethene	mg/kg	0.522	0.481	8.15	20	96.7	L159781-03	WG161831	
1,1-Dichloropropene	mg/kg	0.503	0.476	5.58	20	93.1	L159781-03	WG161831	
1,2,3-Trichlorobenzene	mg/kg	0.522	0.539	3.30	25	96.6	L159781-03	WG161831	
1,2,3-Trichloropropane	mg/kg	0.591	0.624	5.45	23	109.	L159781-03	WG161831	
1,2,3-Trimethylbenzene	mg/kg	0.433	0.519	18.1	23	80.1	L159781-03	WG161831	
1,2,4-Trichlorobenzene	mg/kg	0.485	0.490	0.943	22	89.9	L159781-03	WG161831	
1,2,4-Trimethylbenzene	mg/kg	0.653	1.35	69.3	22	121.	L159781-03	WG161831	
1,2-Dibromo-3-Chloropropane	mg/kg	0.539	0.537	0.465	24	99.9	L159781-03	WG161831	
1,2-Dibromoethane	mg/kg	0.634	0.636	0.378	22	117.	L159781-03	WG161831	
1,2-Dichlorobenzene	mg/kg	0.486	0.470	3.39	22	90.0	L159781-03	WG161831	
1,2-Dichloroethane	mg/kg	0.516	0.496	3.92	23	95.5	L159781-03	WG161831	
1,2-Dichloropropane	mg/kg	0.495	0.476	4.06	22	91.7	L159781-03	WG161831	
1,3,5-Trimethylbenzene	mg/kg	0.566	0.740	26.7	20	105.	L159781-03	WG161831	
1,3-Dichlorobenzene	mg/kg	0.516	0.543	5.14	22	95.5	L159781-03	WG161831	
1,3-Dichloropropene	mg/kg	0.526	0.509	3.36	23	97.4	L159781-03	WG161831	
1,4-Dichlorobenzene	mg/kg	0.462	0.444	3.95	20	85.5	L159781-03	WG161831	
2,2-Dichloropropane	mg/kg	0.504	0.500	0.817	17	93.3	L159781-03	WG161831	
2-Butanone (MEK)	mg/kg	2.52	2.37	5.89	28	93.2	L159781-03	WG161831	
2-Chloroethyl vinyl ether	mg/kg	2.18	1.64	28.0	25	80.7	L159781-03	WG161831	
2-Chlorotoluene	mg/kg	0.501	0.536	6.65	28	92.9	L159781-03	WG161831	
2-Hexanone	mg/kg	2.45	2.39	2.31	24	90.7	L159781-03	WG161831	
4-Chlorotoluene	mg/kg	0.513	0.523	1.93	17	95.1	L159781-03	WG161831	
4-Methyl-2-pentanone (MIBK)	mg/kg	3.04	2.92	4.03	29	112.	L159781-03	WG161831	
Acetone	mg/kg	2.05	1.93	6.14	20	75.9	L159781-03	WG161831	
Acrolein	mg/kg	0.460	1.16	86.7	20	17.0	L159781-03	WG161831	
Acrylonitrile	mg/kg	2.15	2.08	3.45	19	79.7	L159781-03	WG161831	
Benzene	mg/kg	0.479	0.572	17.7	21	88.6	L159781-03	WG161831	
Bromobenzene	mg/kg	0.654	0.906	32.3	30	121.	L159781-03	WG161831	
Bromodichloromethane	mg/kg	0.564	0.527	6.84	22	104.	L159781-03	WG161831	
Bromoform	mg/kg	0.641	0.633	1.33	17	119.	L159781-03	WG161831	
Bromomethane	mg/kg	0.340	0.298	13.3	17	62.9	L159781-03	WG161831	
Carbon tetrachloride	mg/kg	0.693	0.646	6.92	23	128.	L159781-03	WG161831	
Chlorobenzene	mg/kg	0.535	0.547	2.25	25	99.1	L159781-03	WG161831	
Chlorodibromomethane	mg/kg	0.564	0.568	0.654	17	104.	L159781-03	WG161831	
Chloroethane	mg/kg	0.521	0.469	10.5	20	96.5	L159781-03	WG161831	
Chloroform	mg/kg	0.460	0.433	6.08	22	85.1	L159781-03	WG161831	
Chloromethane	mg/kg	0.462	0.438	5.36	20	85.5	L159781-03	WG161831	
cis-1,2-Dichloroethene	mg/kg	0.527	0.486	8.18	22	97.6	L159781-03	WG161831	
cis-1,3-Dichloropropene	mg/kg	0.528	0.514	2.59	28	97.7	L159781-03	WG161831	
Di-isopropyl ether	mg/kg	0.463	0.440	5.09	23	85.8	L159781-03	WG161831	
Dibromomethane	mg/kg	0.525	0.535	1.85	29	97.2	L159781-03	WG161831	
Dichlorodifluoromethane	mg/kg	0.704	0.671	4.81	21	130.	L159781-03	WG161831	
Ethyl ether	mg/kg	5.42	5.10	6.07	30	1000	L159781-03	WG161831	



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Quality Assurance Report  
Level II

L159712

July 06, 2004

Ethylbenzene mg/kg 0.538 0.792 38.2 22 99.7 L159781-03 WG161831

Analyte	Matrix Spike Duplicate				Limit	%Rec	Ref Samp	Batch
	Units	MSD Res	Ref Res	RPD				
Hexachlorobutadiene	mg/kg	0.462	0.485	4.80	24	85.5	L159781-03	WG161831
Isopropylbenzene	mg/kg	0.541	0.595	9.60	20	100.	L159781-03	WG161831
Methyl tert-butyl ether	mg/kg	0.601	0.793	27.5	24	111.	L159781-03	WG161831
Methylene Chloride	mg/kg	0.461	0.430	6.89	11	85.4	L159781-03	WG161831
n-Butylbenzene	mg/kg	0.465	0.496	6.53	22	86.1	L159781-03	WG161831
n-Propylbenzene	mg/kg	0.508	0.621	20.0	24	94.1	L159781-03	WG161831
Naphthalene	mg/kg	0.682	0.862	23.4	26	126.	L159781-03	WG161831
p-Isopropyltoluene	mg/kg	0.476	0.524	9.54	23	88.1	L159781-03	WG161831
sec-Butylbenzene	mg/kg	0.586	0.619	5.51	24	109.	L159781-03	WG161831
Styrene	mg/kg	0.549	0.574	4.33	26	102.	L159781-03	WG161831
tert-Butylbenzene	mg/kg	0.554	0.588	5.99	25	103.	L159781-03	WG161831
Tetrachloroethene	mg/kg	0.522	0.517	0.923	24	96.7	L159781-03	WG161831
Tetrahydrofuran	mg/kg	4.00	4.12	3.13	30	74.0	L159781-03	WG161831
Toluene	mg/kg	0.584	1.34	78.7	25	108.	L159781-03	WG161831
trans-1,2-Dichloroethene	mg/kg	0.523	0.497	5.00	20	96.8	L159781-03	WG161831
trans-1,3-Dichloropropene	mg/kg	0.473	0.459	2.88	25	87.5	L159781-03	WG161831
Trichloroethene	mg/kg	0.533	0.516	3.28	22	98.7	L159781-03	WG161831
Trichlorofluoromethane	mg/kg	0.496	0.468	5.75	20	91.8	L159781-03	WG161831
Vinyl chloride	mg/kg	0.476	0.437	8.50	16	88.1	L159781-03	WG161831
Xylenes, Total	mg/kg	1.75	2.98	52.1	20	108.	L159781-03	WG161831
GRO	mg/l	0.553	0.544	1.64	16	25.1	L159674-08	WG162182
GRO	mg/kg	13.5	13.8	2.06	16	25.1	L159712-01	WG162292

Batch number /Run number / Sample number cross reference

WG161545: R200208: L159712-05 06  
 WG161432: R200342: L159712-05  
 WG161831: R200446: L159712-01 02  
 WG161881: R200571: L159712-01 02 03  
 WG161882: R200572: L159712-04  
 WG162083: R200621: L159712-03 04  
 WG162093: R200675: L159712-01  
 WG162182: R200681: L159712-05  
 WG162292: R200731: L159712-01 02 03 04  
 WG162096: R200738: L159712-02 03 04

\* See Attachment B of standard report for list of qualifiers.  
 \* Calculations are performed prior to rounding of reported values .





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Quality Assurance Report  
Level II

L159712

July 06, 2004

ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

3/16/2005

Lead lines  
ATC ASSOC.

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ATC consulting

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