Petroleum Remediation Program
Minnesota Pollution Control Agency
http://www.pca.state.mn.us/programs/lust_p.html

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Annual Monitoring Report

Guidance Document 4-08

After the Corrective Action Design (CAD) has been approved, update and submit this worksheet annualy. If a remedial system has been installed, submit Guidance Document 4-14 *CAD System Monitoring Worksheet* along with this worksheet.

Under certain circumstances Minnesota Pollution Control Agency (MPCA) staff may request submittal of the monitoring information on a quarterly schedule. This should be conducted according to Guidance Document 4-07 *Quarterly Monitoring Report.*

MPCA Site ID: Leak00014698 Date: May 17th, 2005

Responsible Party: North American State Bank R.P. phone #: (320) 254-8271

R.P. Mailing Address: P.O. Box 189

City: Belgrade Zip Code: 56312

Consultant: Coteau Environmental Consultant phone #: (320) 846-4668

Facility Name: Former K-C Kwik Stop

Facility Address: 230 1st Street City: Brooten

County: Stearns Zip Code: 56316

Site location: The required coordinate scheme for reporting site location is Universal Transverse Mercator (UTM), Extended Zone 15, 1983 North American Datum (NAD83). Refer to **http://www.ot.state.mn.us/ot_files/handbook/standard/std17-1.html** for Minnesota spatial data standards, or **http://mac.usgs.gov/mac/isb/pubs/factsheets/fs15799.html** for more information about UTM Coordinates.

MAY 15 2005

X coordinate (Easting) 15 333791E meters
Y coordinate (Northing) 5040564N meters

What feature does the coordinate represent? (i.e. center of parcel, approximate center of source area, etc. Please describe)

The coordinates represent the approximate center of the source area.

What method was used to determine the coordinate? (i.e. GPS receiver, map interpolation, address matching, etc. Please describe)

The coordinates were determined utilizing a digital topographic map at the website www.topozone.com.

If a paper map, digital map, aerial photo or digital orthophotoquad was used to find the site location, please provide the scale of the map or photo (i.e. 1:24,000, etc.)

The scale of the map is 1:25,000.

Section 1. GROUND WATER MONITORING

Discuss the groundwater monitoring results, including water level measurements and analytical results, performed since the Investigation Report or the last progress report submitted. Indicate whether samples were purged or unpurged (see Guidance Document 4-05). If purged, indicate purging method.

Fluid levels were measured in all monitor wells on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004. Based on fluid levels measured in the monitor wells on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004, ground water flow is to the southeast. The predominant flow direction at the site appears to be to the southeast. Ground water elevations are illustrated by the water table contour maps shown on Figure 3A, 3B, 3C, 3D, 3E and 3F. Historical ground water elevations are illustrated on Figure 4.

Ground water samples were collected for laboratory analysis from monitor wells MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6 on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004. Ground water samples were purged by removing a minimum of five (5) well casing volumes from the well prior to sampling using a dedicated polyethylene bailer.

BTEX impacts in ground water from MW-1, MW-2, MW-4 and MW-6 on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004 were below the Health Risk Limit (HRL) for these constituents. Benzene was detected in MW-3 on August 14 and November 4, 2003 at concentrations of 29.0 and 38.0 parts per billion (ppb), respectively. TPH as GRO was detected in monitor well MW-3 on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004 at concentrations of 2,171.0, 837.0, 2,500, 970, 260 and 740 ppb, respectively. TPH as GRO was detected in monitor well MW-4 August 14 and November 4, 2003 and February 9, May

11, August 2 and November 3, 2004 at concentrations of 147.0, 418.0, 380, 690, 710 and 640 ppb, respectively. Benzene was detected in MW-5 on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004 at concentrations of 900.0, 2,313.0, 1,600, 1,100, 1,300 and 960 ppb, respectively. Toluene was detected in MW-5 on November 4, 2003 and February 9, May 11, August 2 and November 3, 2004 at concentrations of 16,671.0, 7,800, 9,300, 8,800 and 6,900 ppb, respectively. Ethyl benzene was detected in MW-5 on November 4, 2003 and February 9, May 11, August 2 and November 3, 2004 at concentrations of 1,740.0, 1,400, 1,100, 870 and 910 ppb, respectively. TPH as GRO was detected in monitor well MW-5 on August 14 and November 4, 2003 and February 9, May 11, August 2 and November 3, 2004 at concentrations of 21,505.0, 38,200.0, 33,000 27,000, 26,000 and 19,000 ppb, respectively. Naphthalene was detected in monitor well MW-5 on November 3, 2004 at a concentration of 690 ppb. These concentrations of benzene, toluene, ethyl benzene and naphthalene are above the HRL's of 10, 1,000, 700 and 300 ppb, respectively. Historic fluctuations in benzene and TPH as GRO concentrations are shown on Figures 5 and 6, respectively. Ground water contaminant concentrations are included in Table 3 and 4.

A duplicate ground water quality assurance/quality control (QA/QC) sample was collected from one (1) monitor well during each monitoring event, and was laboratory analyzed for BTEX and TPH as GRO. In addition, a trip blank QA/QC sample was laboratory analyzed for BTEX. The duplicate ground water sample and trip blank historical data are illustrated in Table 3. No field or laboratory interference's were identified in the QA/QC samples.

Section 2. VAPOR IMPACT MONITORING

If vapor impacts were detected during previous assessments, discuss the results of follow-up vapor monitoring. Include in your discussion the sampling instrument and sampling method.

A vapor survey was completed in the vicinity of the former KC Kwik Stop site on February 9, May 11, August 2 and November 3, 2004. Two (2) sanitary sewer manholes and two (2) storm sewer basins at the junction of Highway 55 and South Western Avenue and the basements of residences at 100, 110, 111 and 120 South Western Avenue were screened for organic vapors using a photoionization detector and explosimeter (Figure 2). No elevated vapor concentrations were identified in the sewer manholes, storm sewer basins or residences 100, 111 and 120. Elevated organic vapor concentrations were encountered in the basement of 110 South Western Avenue on February 9, May 11 and November 3, 2004 at concentration of 550.7, 33.8 and 128.7 parts per million (ppm), respectively (Table 6). It appears that the vapors originated from a former cistern in the basement floor. It appears that the PID readings in the basement of 110 South Western Avenue may be a result of petroleum impacts originating from the former KC Kwik Stop property as this residence is down gradient of the former KC Kwik Stop property.

NOTE: If vapor concentrations exceed 10 percent of the lower explosive limit, exit the building and contact the local fire department immediately. Then contact the Minnesota Duty Officer (24 hours) at 651/649-5451 (metro and outside Minnesota) or 1-800/422-0798 (Greater Minnesota). TTY users call 651/297-5353 (V/TTY) or 1-800/627-3529 (V/TTY). **Vapor mitigation is required.**

Section 3. RECOMMENDATIONS

Discuss your recommendations. Your recommendation should be based on Guidance Document 1-01 *Petroleum Remediation Program General Policy.*

Based on laboratory analytical results of ground water samples collected from the monitor wells and the vapor screening results conducted, Coteau recommends continued ground water sampling for laboratory analysis of BTEX, total petroleum hydrocarbons (TPH) using gasoline range organics (GRO) and naphthalene and vapor screening of residence 110 South Western Avenue for volatile organic compounds (VOC's) using a photoionization detector (PID). In addition, based on MPCA correspondence dated December 18, 2003, Coteau recommends vapor screening of the basement of the 111 South Western Avenue residence south of the site.

If additional corrective action is recommended, please provide your justification.

Additionally, Coteau recommends one (1) soil boring to a depth of approximately 6 feet through the concrete floor of the basement of 110 South Western Avenue residence due to the vapor screening results conducted on February 9, May 11 and November 3, 2004. Soil samples will be collected in 2 foot intervals and screened for volatile organic compounds (VOC's) using a photoionization detector (PID). One (1) soil sample would be collected for laboratory analysis of BTEX and total petroleum hydorcarbons (TPH) using gasoline range organics (GRO) methodology. If petroleum impacts are identified in the soil beneath the basement, Coteau recommends that the basement be ventilated using a blower and may recommend active remediation utilizing a vacuum enhanced vapor recovery system.

If significant reduction of risk has been achieved at the site, recommendations and rationale for the reduction or termination of corrective actions may be presented.

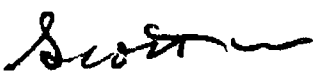
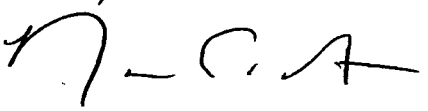
If additional monitoring is recommended, indicate the proposed monitoring schedule and frequency.

If closure is recommended, summarize significant site investigative events and describe how site specific risk issues have been adequately addressed or minimized to acceptable low risk levels.

Section 4: CONSULTANT (OR OTHER) INFORMATION

By signing this document, I/we acknowledge that we are submitting this document on behalf of and as agents of the responsible person or volunteer for this leaksite. I/we acknowledge that if information in this document is inaccurate or incomplete, it will delay the completion of remediation and may harm the environment and may result in reduction of reimbursement awards. In addition, I/we acknowledge on behalf of the responsible person or volunteer for this leaksite that if this document is determined to contain a false material statement, representation, or certification, or if it omits material information, the responsible person or volunteer may be found to be in violation of Minn. Stat. § 115.075 (1994) or Minn. Rules 7000.0300 (Duty of Candor), and that the responsible person or volunteer may be liable for civil penalties.

MPCA staff are instructed to reject unsigned monitoring reports or if the report form has been altered.

Name and Title:	Signature:	Date signed:
Scott Hunke Environmental Technician		March 8th, 2005
Andy Schmidt, EIT Environmental Engineer		March 8th, 2005
Nathan T. Hunke, P.G., M.S. Senior Hydrogeologist		March 8th, 2005

Company and mailing address: Coteau Environmental
728 Janes Circle Dr. SW
Alexandria, MN 58203

Phone: (320) 846-4668
Fax: (320) 846-4668

Upon request, this document can be made available in other formats, including Braille, large print and audio tape. TTY users call 651/282-5332 or Greater Minnesota 1-800/657-3864 (voice/TTY).
Printed on recycled paper containing at least 10 percent fibers from paper recycled by consumers.

Attach Tables:

- Table 1 - Monitoring Well Completion Information
- Table 2 - Summary of Water Levels Measurements
- Table 3 - Analytical Results of Water Samples
- Table 4 - Other Contaminants Detected in Water Samples (Petroleum or Non-petroleum Derived)
- Table 5 - Results of Natural Attenuation
- Table 6 - Results of Vapor Monitoring

Tables

Table 1
Monitoring Well Completion Information

Well Number	Unique Well Number	Date Installed	Surface Elevation	Top of Riser Elevation	Bottom of Well (Elevation)	Screen Interval (Elev. - Elev.)
MW-1	672919	8/7/02	99.88	100.00	80.88	95.88-80.88
MW-2	672922	8/7/02	99.67	102.46	80.67	95.67-80.67
MW-3	672921	8/7/02	99.69	102.58	80.69	95.69-80.69
MW-4	672920	8/7/02	99.99	102.73	80.99	95.99-80.99
MW-5	672918	8/7/02	99.57	99.64	80.57	95.57-80.57
MW-6	672950	2/4/03	99.74	99.76	80.74	95.74-80.74

Notes: (location and elevation of benchmark) Benchmark is top of riser of monitor well MW-1. Reference elevation = 100 feet.

Table 2
Water Level Measurements

Well Number	Date	Depth of Water from Top of Riser	Product Thickness	Depth of Water Below Grade	Relative Groundwater Elevation	Water Level Above Screen (Y/N)
MW-1	8/14/03	10.21	0.0	10.09	89.79	No
MW-1	11/4/03	11.48	0.0	11.36	88.52	No
MW-1	2/9/04	12.13	0.0	12.01	87.87	No
MW-1	5/11/04	11.69	0.0	11.57	88.31	No
MW-1	8/2/04	10.45	0.0	10.33	89.55	No
MW-1	11/3/04	10.52	0.0	10.40	89.48	No
MW-2	8/14/03	12.90	0.0	10.11	89.56	No
MW-2	11/4/03	14.15	0.0	11.36	88.31	No
MW-2	2/9/04	14.75	0.0	11.96	87.71	No
MW-2	5/11/04	14.33	0.0	11.54	88.13	No
MW-2	8/2/04	13.16	0.0	10.37	89.30	No
MW-2	11/3/04	13.20	0.0	10.41	89.26	No
MW-3	8/14/03	13.08	0.0	10.19	89.50	No
MW-3	11/4/03	14.39	0.0	11.50	88.19	No
MW-3	2/9/04	15.05	0.0	12.16	87.53	No
MW-3	5/11/04	14.65	0.0	11.76	87.93	No
MW-3	8/2/04	13.42	0.0	10.53	89.16	No
MW-3	11/3/04	13.49	0.0	10.60	89.09	No
MW-4	8/14/03	13.21	0.0	10.47	89.52	No
MW-4	11/4/03	14.47	0.0	11.73	88.26	No
MW-4	2/9/04	15.14	0.0	12.40	87.59	No
MW-4	5/11/04	14.73	0.0	11.99	88.00	No
MW-4	8/2/04	13.55	0.0	10.81	89.18	No
MW-4	11/3/04	13.58	0.0	10.84	89.15	No
MW-5	8/14/03	10.06	0.0	9.99	89.58	No
MW-5	11/4/03	11.35	0.0	11.28	88.29	No
MW-5	2/9/04	12.00	0.0	11.93	87.64	No
MW-5	5/11/04	11.58	0.0	11.51	88.06	No
MW-5	8/2/04	10.32	0.0	10.25	89.32	No
MW-5	11/3/04	10.38	0.0	10.31	89.26	No
MW-6	8/14/03	10.58	0.0	10.56	89.18	No
MW-6	11/4/03	11.85	0.0	11.83	87.91	No
MW-6	2/9/04	12.51	0.0	12.49	87.25	No
MW-6	5/11/04	12.14	0.0	12.12	87.62	No
MW-6	8/2/04	10.91	0.0	10.89	88.85	No
MW-6	11/3/04	10.97	0.0	10.95	88.79	No

Describe the methods and procedures used to measure water levels and product thickness.
Notes: See Methodology.

Table 3
Analytical Results of Water Samples

Well #	Date	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	GRO	DRO	Lab Type
MW-1	8/14/03	<1.0	<1.0	<1.0	<1.0	NA	<100 0	NA	F
MW-1	11/4/03	<1.0	<1.0	<1.0	<1 0	NA	<100.0	NA	F
MW-1	2/9/04	<0 50	<0.50	<0.50	<1.0	<5 0	<100.0	NS	F
MW-1	5/11/04	<0.50	<0.50	<0.50	<1.0	<0.50	<100.0	NS	F
MW-1	8/2/04	<0 50	<0.50	<0.50	<1.0	<0.50	<100.0	NS	F
MW-1	11/3/04	<0.50	<0.50	<0 50	<1.0	<0.50	<100.0	NS	F
MW-2	8/14/03	<1 0	<1.0	<1.0	<1.0	NA	<100 0	NA	F
MW-2	11/4/03	<1.0	<1.0	<1 0	<1.0	NA	<100.0	NA	F
MW-2	2/9/04	<0 50	<0.50	<0 50	<1.0	<5.0	<100.0	NA	F
MW-2	5/11/04	<0.50	<0.50	<0 50	<1.0	<0.50	<100.0	NA	F
MW-2	8/2/04	<0.50	<0.50	<0.50	<1.0	<0.50	<100.0	NA	F
MW-2	11/3/04	<0 50	<0.50	<0.50	<1.0	<0.50	<100.0	NA	F
MW-3	8/14/03	[illegible]	22.0	211.0	444 0	NA	2,171.0	NA	F
MW-3	11/4/03	38 0	13.0	110.0	175 0	NA	837 0	NA	F
MW-3	2/9/04	4.0	180	350	820	<5.0	2,500	NA	F
MW-3	5/11/04	<25 0	<25.0	190	170	<25.0	970	NA	F
MW-3	8/2/04	<0.50	<5.0	51	<10.0	<5.0	260	NA	F
MW-3	11/3/04	<10.0	12	210	124	<10.0	740	NA	F
MW-4	8/14/03	<1.0	<1.0	<1.0	<1.0	NA	147.0	NA	F
MW-4	11/4/03	8.0	<1.0	3.0	<1.0	NA	418.0	NA	F
MW-4	2/9/04	2.2	0.58	3.1	2.4	<5.0	380	NA	F
MW-4	5/11/04	5.4	<0.50	8.7	5.1	0 50	690	NA	F
MW-4	8/2/04	<0.50	<0.50	5.9	10.3	<0.50	710	NA	F
MW-4	11/3/04	2.9	<0 50	18	6 0	<5.0	640	NA	F
MW-5	8/14/03	[illegible]	[illegible]	22 0	3,075.0	NA	21,505.0	NA	F
MW-5	11/4/03	[illegible]	[illegible]	[illegible]	8,035.0	NA	38,200 0	NA	F
MW-5	2/9/04	[illegible]	[illegible]	[illegible]	5,600	<250	33,000	NA	F
MW-5	5/11/04	[illegible]	[illegible]	[illegible]	4,500	<250	27,000	NA	F
MW-5	8/2/04	[illegible]	[illegible]	[illegible]	3,800	<250	26,000	NA	F
MW-5	11/3/04	[illegible]	[illegible]	[illegible]	3,590	<250	19,000	NA	F
MW-6	8/14/03	<1.0	<1.0	<1.0	<1.0	NA	<100.0	NA	F
MW-6	11/4/03	<1.0	<1.0	<1.0	<1.0	NA	<100.0	NA	F
MW-6	2/9/04	<0.50	<0 50	<0.50	<1.0	<5.0	<100.0	NA	F
MW-6	5/11/04	<0.50	<0.50	<0.50	<1.0	<0.50	<100.0	NA	F
MW-6	8/2/04	<0.50	<0.50	<0.50	<1.0	<0 50	<100.0	NA	F
MW-6	11/3/04	<0.50	<0.50	<0.50	<1.0	<0.50	<100.0	NA	F
Trip Blank	8/14/03	<1 0	<1.0	<1.0	<1.0	NA	NA	NA	F
Trip Blank	11/4/03	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	F
Trip Blank	2/9/04	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	F
Trip Blank	5/11/04	<1.0	<1.0	<1.0	<3.0	NA	NA	NA	F
Trip Blank	8/2/04	<1.0	<1.0	<1 0	<3.0	NA	NA	NA	F
Trip Blank	11/3/04	<0.50	<0.50	<0 50	<1.0	NA	NA	NA	F
Field Blank	8/14/03	1,507 0	4,309 0	147.0	5,072.0	NA	22,900.0	NA	F
Field Blank	11/4/03	<1.0	<1.0	<1.0	<1.0	NA	<100 0	NA	F
Field Blank	2/9/04	<0.50	<0.50	<0.50	<1.0	NA	<100 0	NA	F
Field Blank	5/11/04	<1.0	<1.0	<1 0	<3.0	NA	<100.0	NA	F
Field Blank	8/2/04	[illegible]	[illegible]	840	3,700	NA	29,000	NA	F
Field Blank	11/3/04	[illegible]	[illegible]	980	4,100	<10.0	21,000	NA	F
HRL(ug/L)		10	1,000	700	10,000				

Report results in ug/L. Use less than symbols to show detection limit. Indicate mobile or fixed based in the lab type column.
Notes: NA = Not analyzed for parameter *F = Fixed-base laboratory*

Table 4
Other Contaminants Detected in Water Samples
(Petroleum or Non-petroleum Derived)

Well Number	Date Sampled	1,2 DCA	EDB	Styrene	Chloro-form	Isopropyl benzene	n-Propyl benzene	1,3,5-Trimethyl benzene	1,2,4-Trimethyl benzene	Sec-Butyl benzene	n-Butyl benezene	Naph-thalene	Tert-Butyl benzene	p-isopropyl toluene	Methylene chloride
MW-1	2/9/04	<0 50	<0 50	1.2	<0.50	<0 50	<0 50	<0.50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<5 0
MW-1	5/11/04	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<5 0
MW-1	8/2/04	<0.50	<0 50	<0.50	<0 50	<0 50	<0.50	<0 50	<0 50	<0.50	<0.50	<0 50	<0.50	<0 50	<5.0
MW-1	11/3/04	<0.50	<0 50	<0.50	<0 50	<0.50	<0.50	<0 50	<0 50	<0.50	<0 50	<0 50	<0 50	<0 50	<5 0
MW-2	2/9/04	<0.50	<0.50	<0.50	<0.50	<0 50	<0 50	<0 50	<0 50	<0.50	<0 50	<0 50	<0.50	<0 50	<5.0
MW-2	5/11/04	<0.50	<0 50	<0.50	3.3	<0.50	<0 50	<0 50	<0 50	<0.50	<0 50	<0.50	<0.50	<0.50	<5 0
MW-2	8/2/04	<0 50	<0 50	<0 50	<0 50	<0.50	<0.50	<0 50	<0.50	<0 50	<0 50	<0 50	0.62	<0.50	<5.0
MW-2	11/3/04	<0.50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0 50	<0.50	<0 50	<0 50	<5 0
MW-3	2/9/04	<0.50	<0.50	1.2	<0 50	9 0	14	22	110	<0 50	1 3	19	<0 50	<0 50	<5.0
MW-3	5/11/04	<25	<25	<25	<25	<25	<25	36	140	<25	<25	44	<25	<25	<250
MW-3	8/2/04	<5 0	<5 0	<0.5	<5.0	<5.0	6 1	<5 0	19	<5.0	<5 0	<5 0	<5.0	<5.0	<5.0
MW-3	11/3/04	<10	<10	<10	<10	<10	19	<10	99	<10	<10	20	<10	<10	<100
MW-4	2/9/04	<0 50	<0.50	<0 50	<0.50	2 3	7.2	3	4	2.1	4	5 7	<0 50	<0.50	<5 0
MW-4	5/11/04	<0 50	<0 50	<0 50	<0 50	2.1	6.5	3 5	12 0	5.0	6 8	8.5	<0.50	<0.50	<5.0
MW-4	8/2/04	<0 50	<0 50	<0.50	<0 50	5 5	16	0.96	41	4 9	7 7	15	0.73	0.86	<5.0
MW-4	11/3/04	<0.50	<0.50	<0 50	<0 50	6 3	18	8.7	25	4 9	8 1	13	<0 50	0.50	<5 0
MW-5	2/9/04	<25	<25	<25	<25	47	140	200	770	<25	29	260	<25	<25	<250
MW-5	5/11/04	<250	<250	<250	<250	<250	<250	<250	620	<250	<250	<250	<250	<250	<2500
MW-5	8/2/04	<250	<250	<250	<250	<250	<250	<250	450	<250	<250	<250	<250	<250	<2500
MW-5	11/3/04	<250	<250	<250	<250	<250	<250	<250	570	<250	<250	690	<250	<250	5000
MW-6	2/9/04	<0.50	<0 50	<0.50	<0 50	<0 50	<0.50	<0 50	<0 50	<0 50	<0.50	<0.50	<0 50	<0 50	<5.0
MW-6	5/11/04	<0.50	<0.50	<0.50	<0 50	<0 50	<0 50	<0 50	<0 50	<0.50	<0 50	<0.50	<0 50	<0.50	<5.0
MW-6	8/2/04	<0.50	<0.50	<0 50	<0.50	<0 50	<0 50	<0.50	<0.50	<0.50	<0 50	<0 50	<0.50	<0 50	<5 0
MW-6	11/2/04	<0.50	<0 50	<0 50	<0.50	<0.50	<0 50	<0.50	<0.50	<0 50	<0.50	<0 50	<0 50	<0.50	<5.0
HRL (ug/L)		4	0.004		60							300			

Report results in ug/L. Indicate other contaminants (either petroleum or non-petroleum derived) detected in water samples collected from the borings, temporary wells or push probes.
Notes:

Table 5
Natural Attenuation Parameters

Monitoring Well	Sample Date	Temp. °C	PH	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	(Fe II) (mg/L)	(H_2S, HS^-) (mg/L)
MW-1	**NONE**						
MW-2							
MW-3							
MW-4							

Describe the methods and procedures used.
Notes:

Table 6
Results of Vapor Monitoring

Location #	Date	PID reading (ppm)	Percent of the LEL
MH-8 T	2/9/04	0.0	0
MH-8 M	2/9/04	0.0	0
MH-8 B	2/9/04	0.0	0
MH-9	2/9/04	NS	NS
SSB-1	2/9/04	NS	NS
SSB-2	2/9/04	NS	NS
100 South Western Ave	2/9/04	NS	NS
110 South Western Ave	2/9/04	550.7	0
111 South Western Ave	2/9/04	NS	NS
120 South Western Ave	2/9/04	NS	NS
MH-8 T	5/11/04	0 0	0
MH-8 M	5/11/04	0.0	0
MH-8 B	5/11/04	0 0	0
MH-9 T	5/11/04	0.0	0
MH-9 M	5/11/04	0.0	0
MH-9 B	5/11/04	0.0	0
SSB-1	5/11/04	0.0	0
SSB-2	5/11/04	0.0	0
100 South Western Ave	5/11/04	0.0	0
110 South Western Ave	5/11/04	33 8	0
111 South Western Ave	5/11/04	0.0	0
120 South Western Ave	5/11/04	0 0	0
MH-8 T	8/2/04	0.0	0
MH-8 M	8/2/04	0 0	0
MH-8 B	8/2/04	0.0	0
MH-9 T	8/2/04	0 0	0
MH-9 M	8/2/04	0 0	0
MH-9 B	8/2/04	0.0	0
SSB-1	8/2/04	0.0	0
SSB-2	8/2/04	0.0	0
100 South Western Ave	8/2/04	NS	NS
110 South Western Ave	8/2/04	0.0	0
111 South Western Ave	8/2/04	0.0	0
120 South Western Ave	8/2/04	NS	NS
MH-8 T	11/3/04	0 0	0
MH-8 M	11/3/04	0.0	0
MH-8 B	11/3/04	0.0	0
MH-9 T	11/3/04	0.0	0
MH-9 M	11/3/04	0 0	0
MH-9 B	11/3/04	0.0	0
SSB-1	11/3/04	0 0	0
SSB-2	11/3/04	0 0	0
100 South Western Ave	11/3/04	NS	NS
110 South Western Ave	11/3/04	128 7	0
111 South Western Ave	11/3/04	0 0	0
120 South Western Ave	11/3/04	NS	NS

Notes:
MH = Man Hole
SSB = Storm Sewer Basin
NS = No Sample
T = Top
M = Middle
B = Bottom

MH-9, SSB-1 and SSB-2 on February 9, 2004 were not accessible due to snow and ice. The residents at 100, 111 and 120 South Western Avenue were not present when Coteau personnel were at the site on February 9, 2004. The residents at 100 and 120 South Western Avenue were not present when Coteau personnel were at the site on August 2, 2004. The residents at 100, 111 and 120 South Western Avenue were not present when Coteau personnel were at the site on November 3, 2004.

Attach Figures:

Figures - (all maps are to include a north arrow, scale and legend) *Approximate scales are not acceptable.*

- Site location map. Adapt this map from a U.S. Geological Survey 7.5 minute quadrangle and identify the name of the 7.5 minute quadrangle.
- Site map showing the locations of all ground water and vapor monitoring points.
- Updated ground water contour maps, using water level elevations from all rounds of water level measurements since the last report. Show all wells at the site, and differentiate wells constructed in different aquifers. Label ground water contours and elevations at each data point used for contouring.
- Hydrograph for all monitoring and recovery wells.
- Graph(s) showing contaminant concentrations over time for all monitoring and recovery wells.

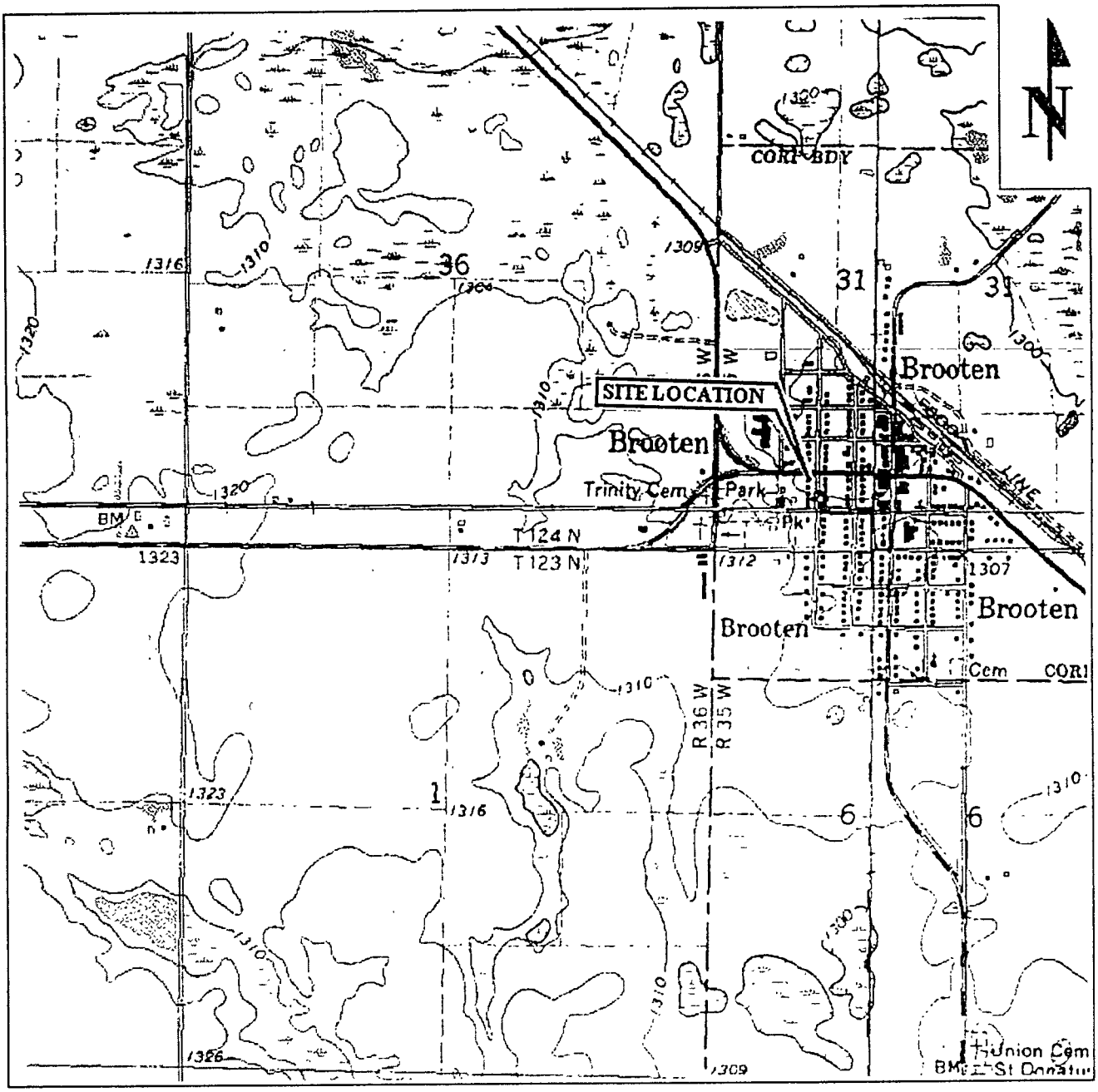
Attach Appendices:

The appendix section of the report contains sufficient information to document all activities completed since the last report. All reproduced data must be legible.

- Copies of most recent laboratory reports for ground water analyses, including a copy of the Chain of Custody and the MDH laboratory certification number.
- Sample collection information, including procedure, equipment, and decontamination.
- Field or sampling data sheets.

Web pages and phone numbers	
MPCA staff	http://data.pca.state.mn.us/pca/emplsearch.html
MPCA toll free	**1-800-657-3864**
Petroleum Remediation Program web page	http://www.pca.state.mn.us/programs/lust_p.html
MPCA Infor. Request	http://www.pca.state.mn.us/about/inforequest.html
PetroFund Web Page	http://www.commerce.state.mn.us/mainpf.htm
PetroFund Phone	**651-297-1119, or 1-800-638-0418**
State Duty Officer	**651-649-5451 or 1-800-422-0798**

FIGURES



SCALE

0 0.5 MILES

TOPOGRAPHIC MAP
COPYRIGHT TOPOZONE.COM

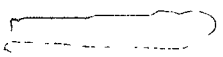
FORMER K-C KWIK STOP
BROOTEN, MINNESOTA

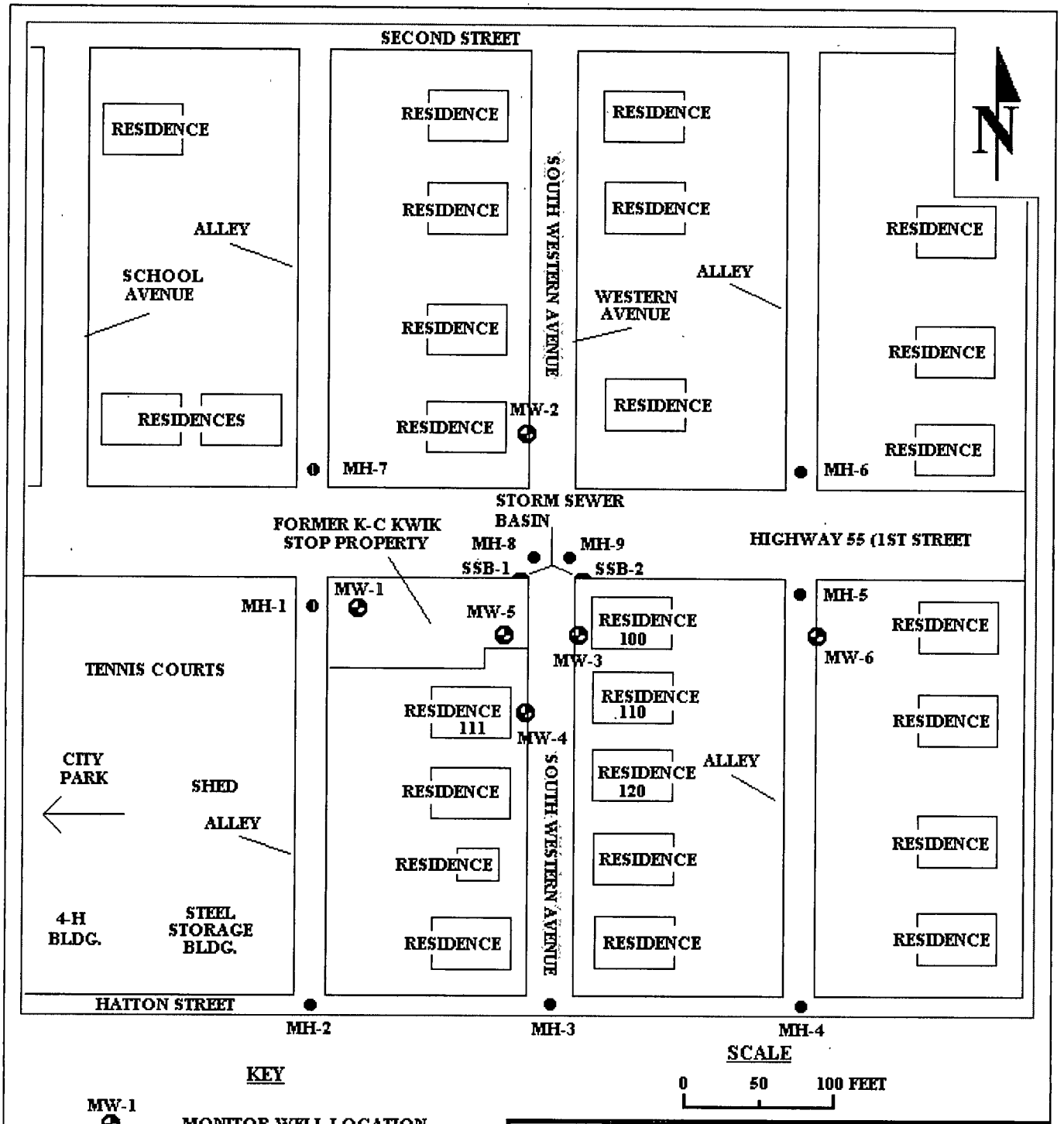
AREA LOCATION MAP

DATE	REVISED

COTEAU ENVIRONMENTAL
312 9TH AVE. SE, SUITE C
WATERTOWN, SD 57201
(605) 886-4009

DRAWN BY:	DATE: JAN 05	FIGURE: 1

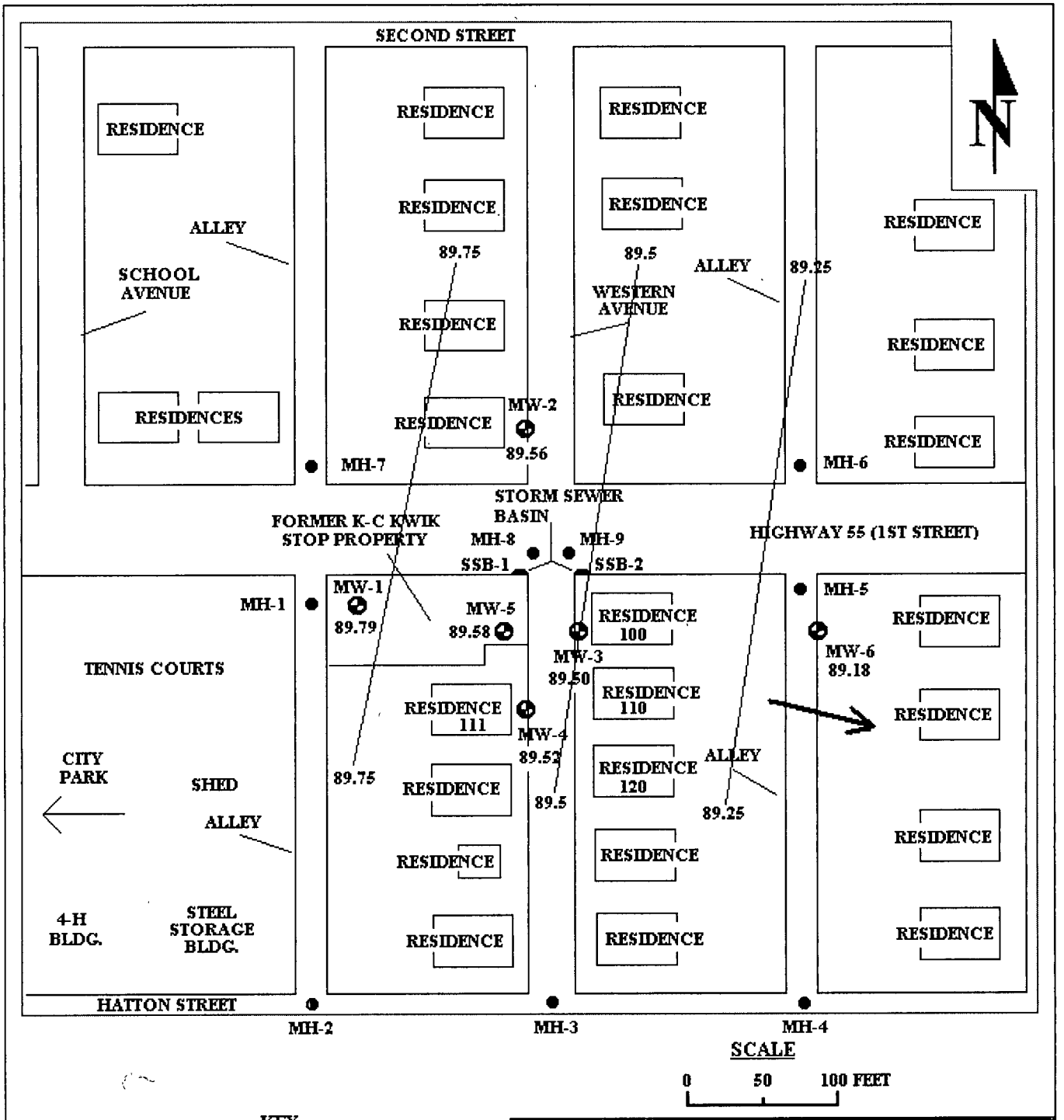




FORMER K-C KWIK STOP
BROOTEN, MINNESOTA

SITE MAP

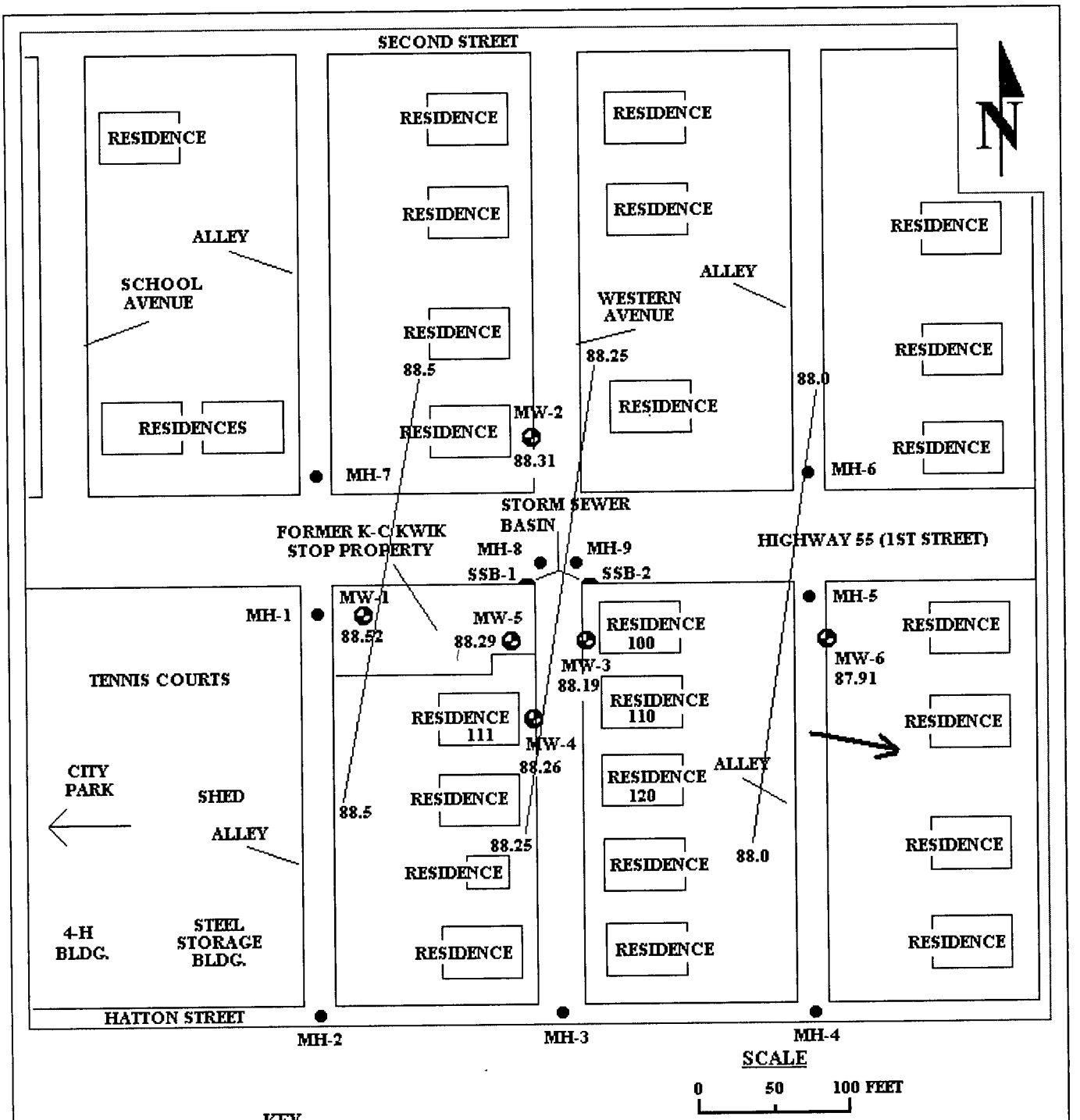
DATE	REVISED	
		COTEAU ENVIRONMENTAL 728 JANES CIRCLE DR. SW ALEXANDRIA, MN 56308 (320) 846-4668
DRAWN BY:	DATE: JAN 05	FIGURE: 2



FORMER K-C KWIK STOP
BROOTEN, MINNESOTA

GROUND WATER ELEVATIONS
(AUGUST 14, 2003)

DATE	REVISED	
		COTEAU ENVIRONMENTAL 3930 SUNNYBROOK DR. NW ALEXANDRIA, MN 56308 (320) 846-4668
DRAWN BY:	DATE: JAN 05	FIGURE: 3A



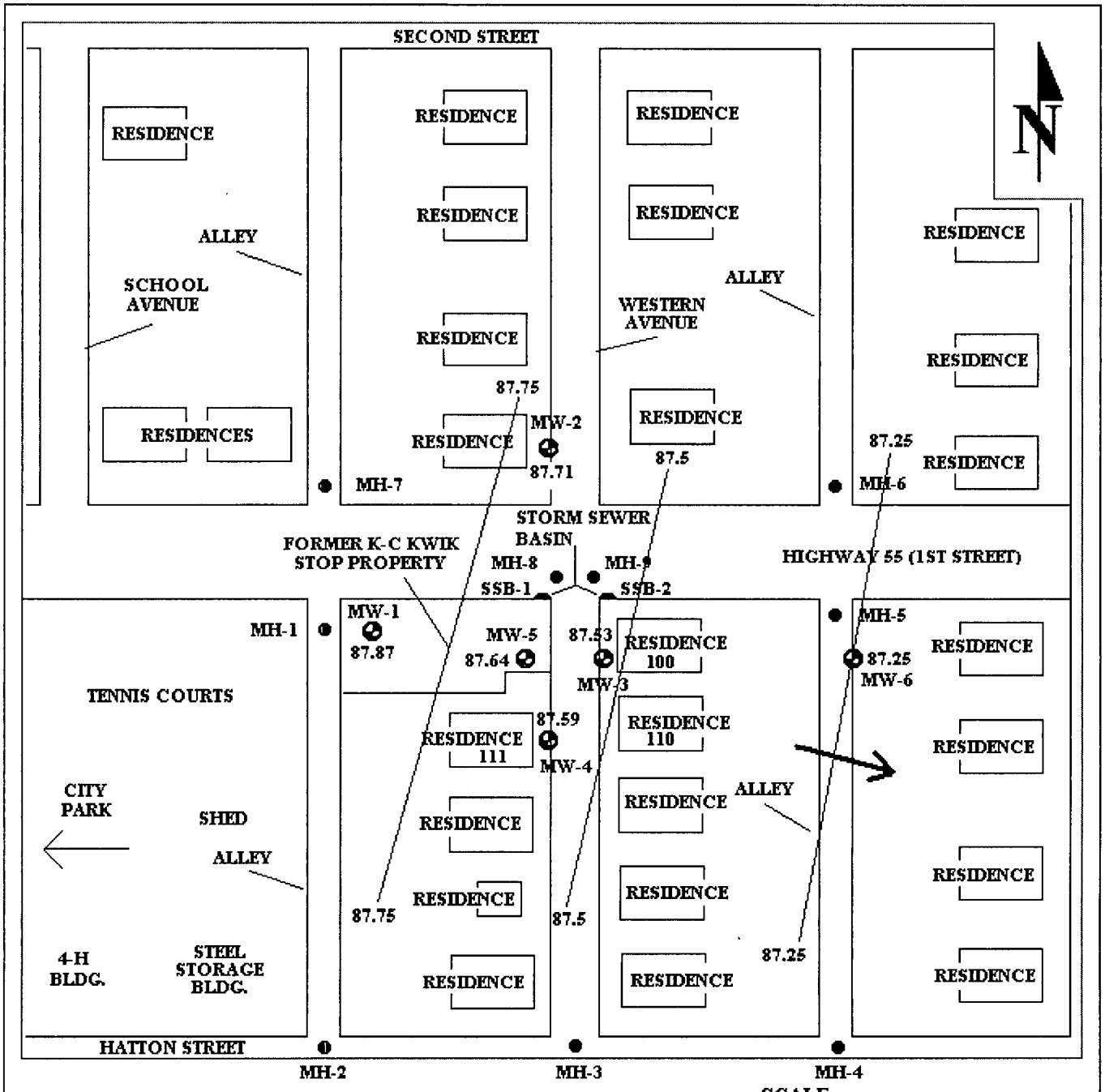
FORMER K-C KWIK STOP
BROOTEN, MINNESOTA

GROUND WATER ELEVATIONS (NOVEMBER 4, 2003)

DATE	REVISED

COTEAU ENVIRONMENTAL
3930 SUNNYBROOK DR. NW
ALEXANDRIA, MN 56308
(320) 846-4668

DRAWN BY: | DATE: JAN 05 | FIGURE: 3B



SCALE

0 50 100 FEET

KEY

MW-1 — MONITOR WELL LOCATION

MW-1 87.87 — GROUND WATER ELEVATION (FEET)

87.5 — GROUND WATER ELEVATION CONTOUR (APPROXIMATE)

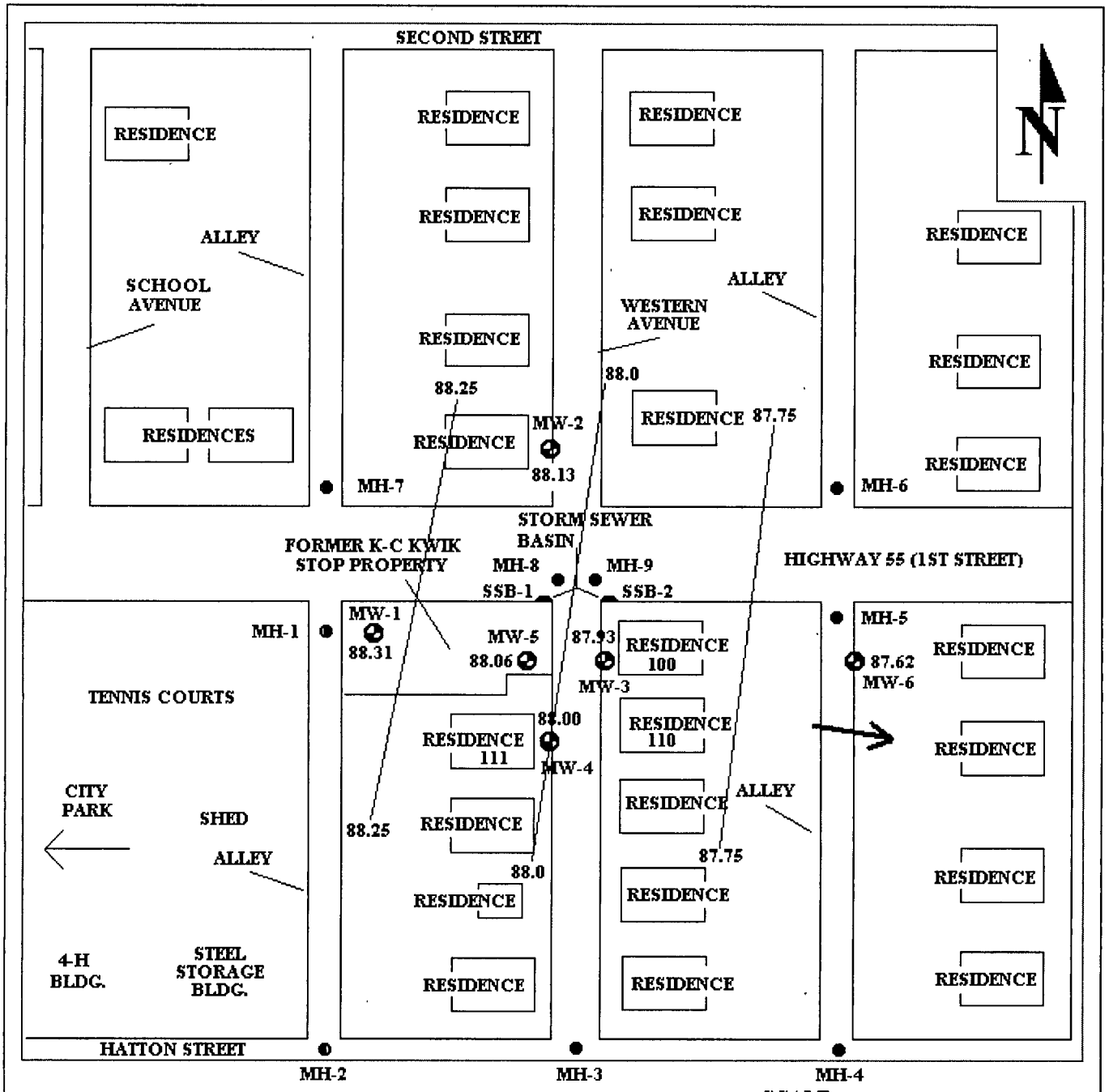
GROUND WATER FLOW DIRECTION

MH-2 — MANHOLE LOCATION

FORMER K-C KWIK STOP BROOTEN, MINNESOTA

GROUND WATER ELEVATIONS (FEBRUARY 9, 2004)

DATE	REVISED	
		COTEAU ENVIRONMENTAL 3930 SUNNYBROOK DR. NW ALEXANDRIA, MN 56308 (320) 846-4668
DRAWN BY:	DATE: JAN 05	FIGURE: 3C



SCALE

0 50 100 FEET

KEY

MW-1 — MONITOR WELL LOCATION

MW-1 88.31 — GROUND WATER ELEVATION (FEET)

88.0 — GROUND WATER ELEVATION CONTOUR (APPROXIMATE)

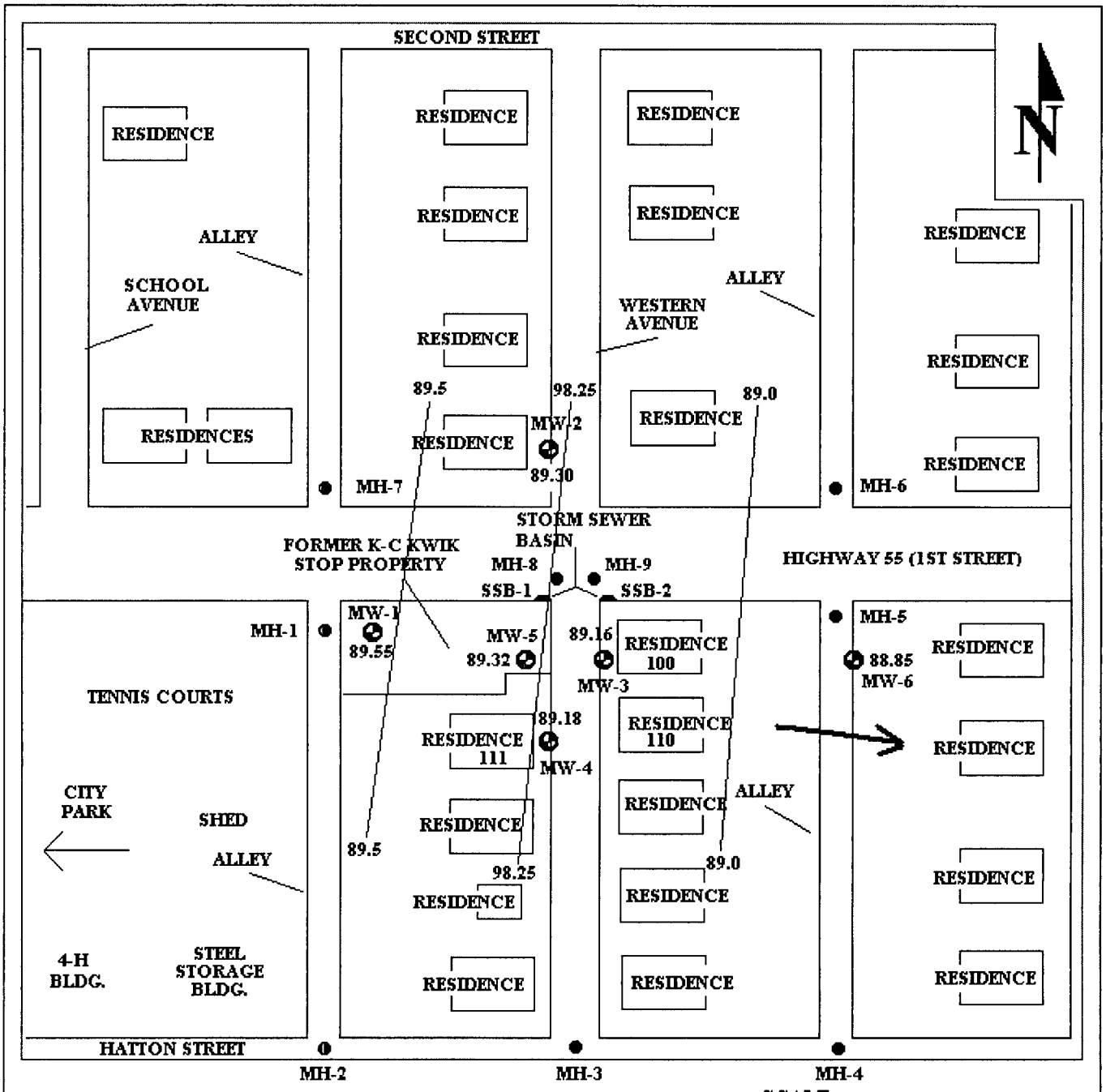
GROUND WATER FLOW DIRECTION

MH-2 — MANHOLE LOCATION

FORMER K-C KWIK STOP BROOTEN, MINNESOTA

GROUND WATER ELEVATIONS (MAY 11, 2004)

DATE	REVISED	
		COTEAU ENVIRONMENTAL 3930 SUNNYBROOK DR. NW ALEXANDRIA, MN 56308 (320) 846-4668
DRAWN BY:		DATE: JAN 05 — FIGURE: 3D



SCALE

0 50 100 FEET

KEY

MW-1 — MONITOR WELL LOCATION

MW-1 89.55 — GROUND WATER ELEVATION (FEET)

89.0 — GROUND WATER ELEVATION CONTOUR (APPROXIMATE)

GROUND WATER FLOW DIRECTION

MH-2 — MANHOLE LOCATION

FORMER K-C KWIK STOP BROOTEN, MINNESOTA

GROUND WATER ELEVATIONS (AUGUST 2, 2004)

DATE	REVISED	
		COTEAU ENVIRONMENTAL 3930 SUNNYBROOK DR. NW ALEXANDRIA, MN 56308 (320) 846-4668
DRAWN BY:	DATE: JAN 05	FIGURE: 3E

FIGURE 4
KC KWIK STOP
BROOTEN, MINNESOTA
MONITOR WELL HYDROGRAPHS

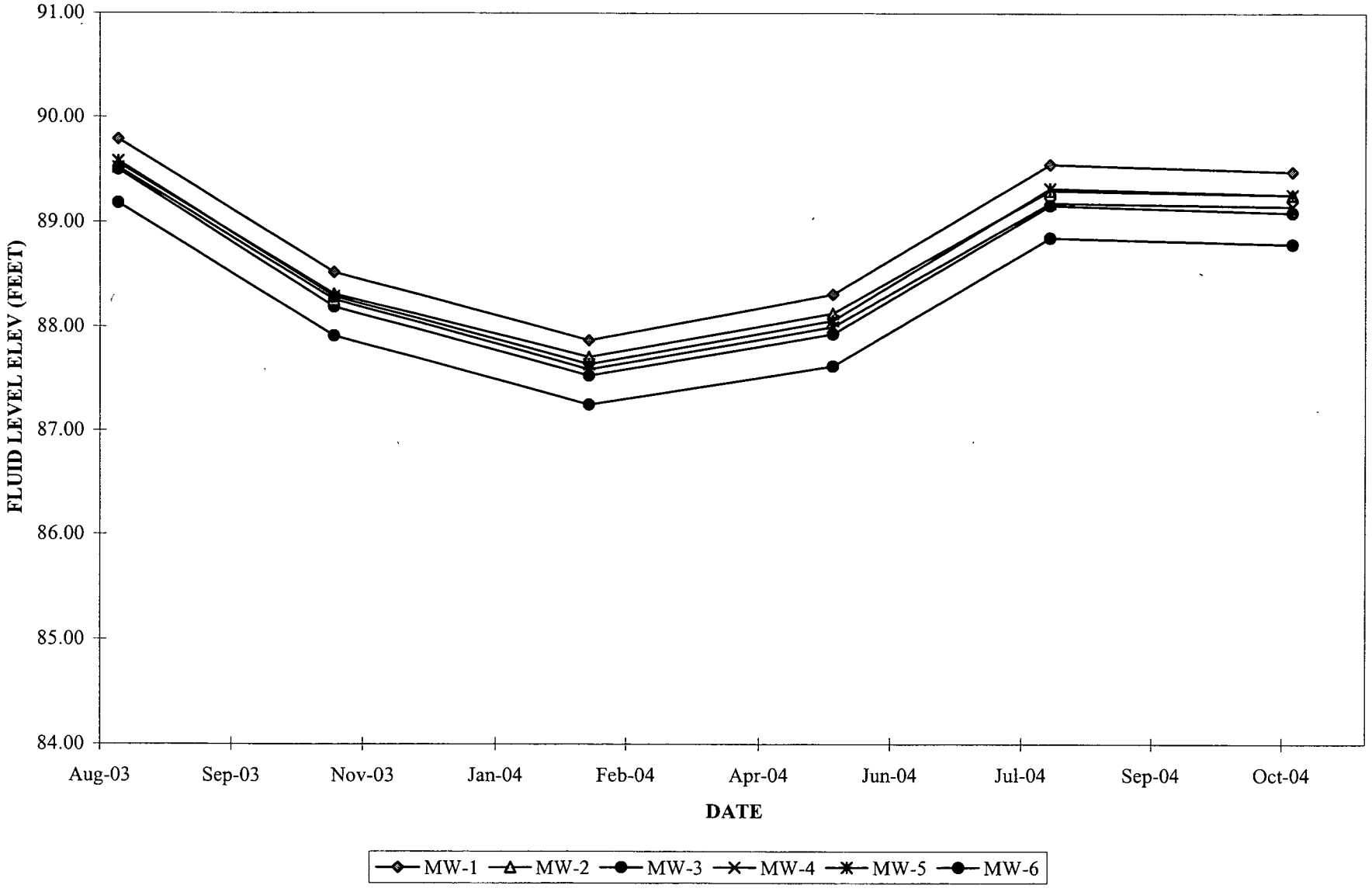


FIGURE 5
KC KWIK STOP
BROOTEN, MINNESOTA
BENZENE CONCENTRATION GRAPH

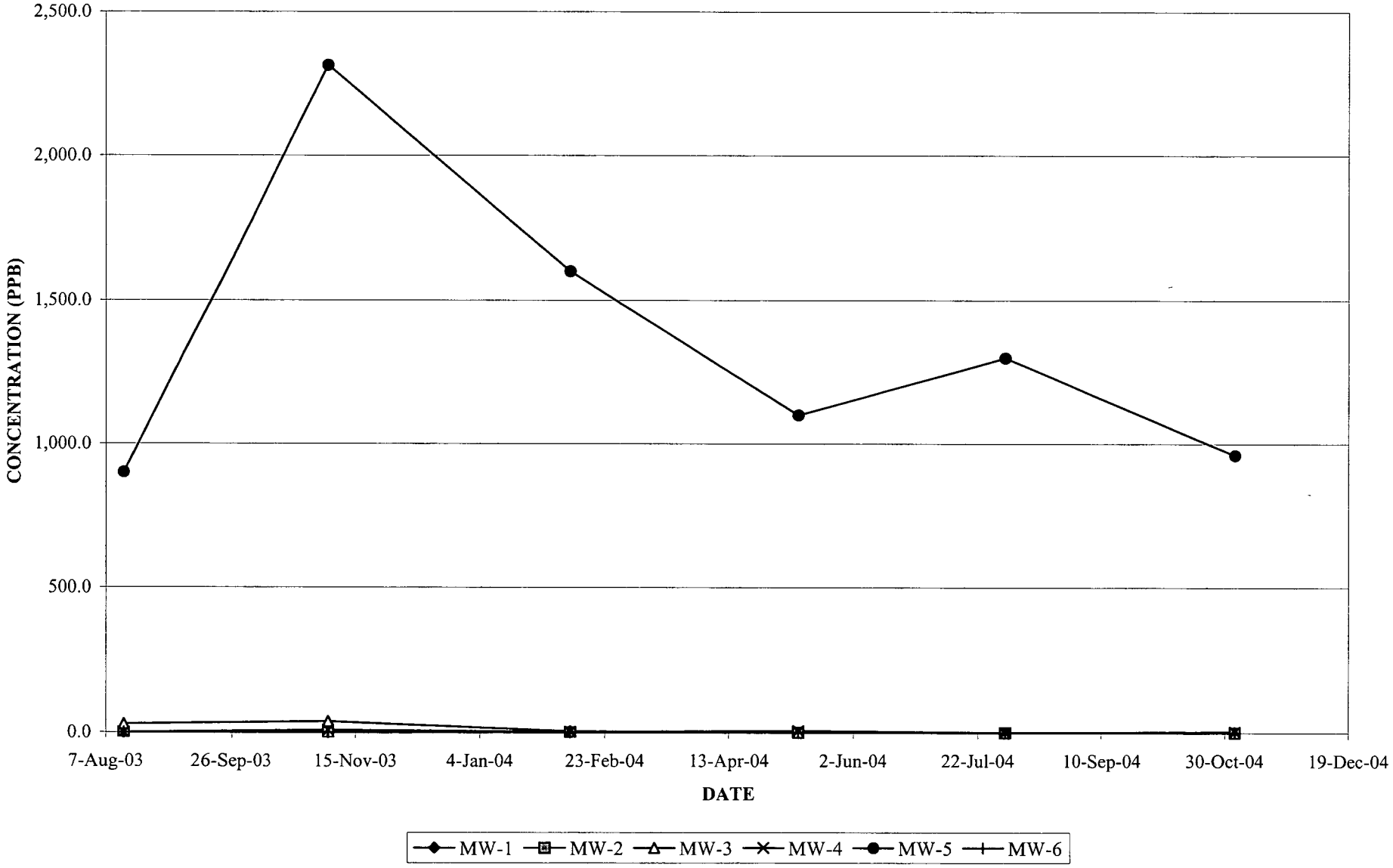
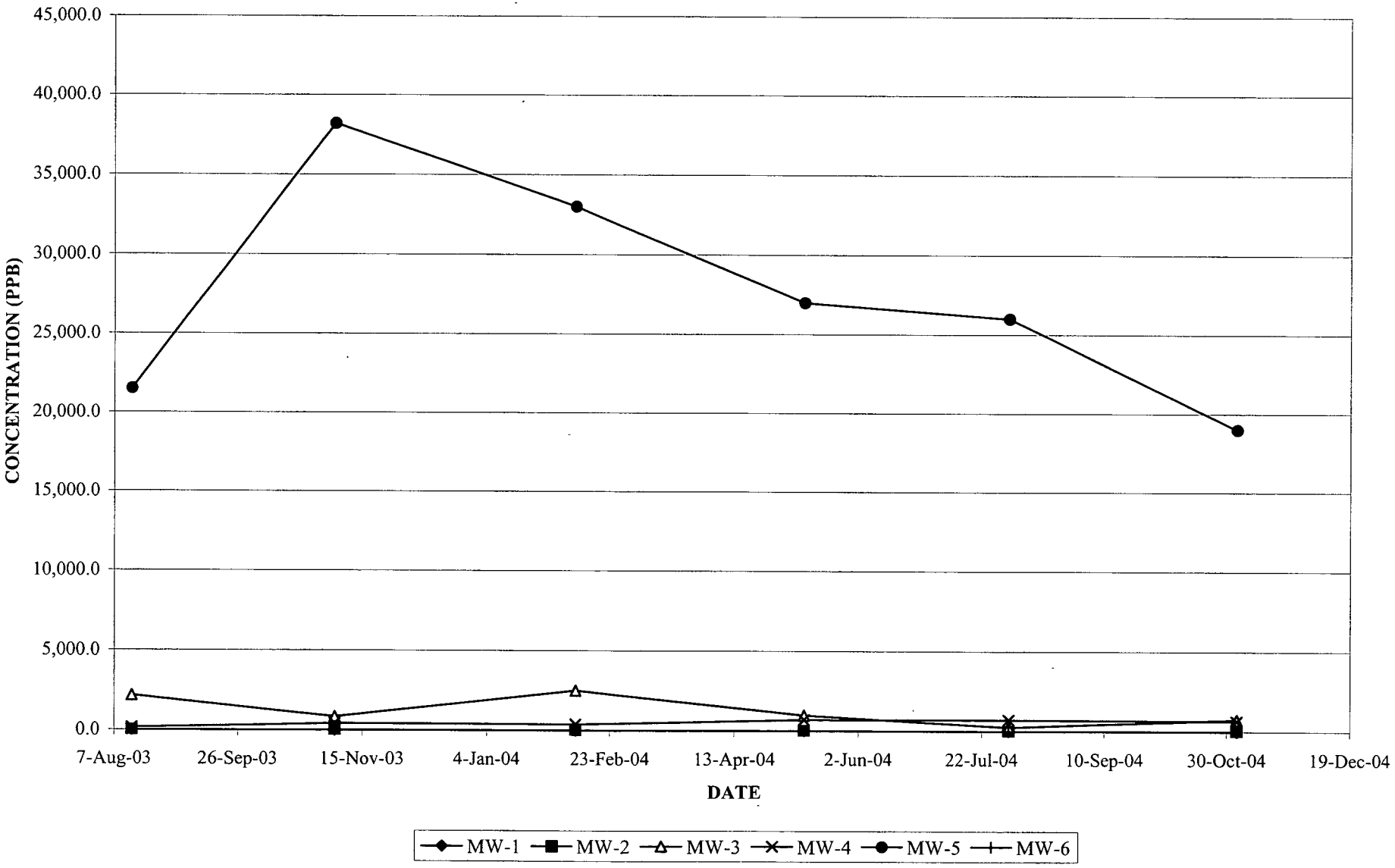


FIGURE 6
KC KWIK STOP
BROOTEN, MINNESOTA
GRO CONCENTRATION GRAPH



Appendices

APPENDIX I
LABORATORY ANALYTICAL REPORTS

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Coteau Environmental
728 Janes Circle Dr. SW
Alexandria, MN 56308

Order Number
034758

Project Number
K-C Kwik Stop

Issued
Friday, August 22, 2003

Total Number of Pages
7

Approved By:
Bassam Youssef
Laboratory Manager

NELAC Accreditation #E87688

A2LA ISO/IEC 17025 Accreditation #0724.01

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Coteau Environmental
Order Number: 034758

Laboratory ID	Client ID	Matrix	Sampling Date
034758-01	MW-01	Liquid	8/14/2003
034758-02	MW-02	Liquid	8/14/2003
034758-03	MW-06	Liquid	8/14/2003
034758-04	MW-04	Liquid	8/14/2003
034758-05	MW-03	Liquid	8/14/2003
034758-06	MW-05	Liquid	8/14/2003
034758-07	MW-07	Liquid	8/14/2003
034758-08	Trip Blank	Liquid	8/14/2003

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Coteau Environmental
Order Number: 034758

No problems were encountered during analysis of this order number, except as noted.

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SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

August 22, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 8/14/2003
Date Received: 8/15/2003
Project #: K-C Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: 8021
Units: ug/L
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	034758-01	034758-02	034758-03	034758-04
Client Sample ID:	MW-01	MW-02	MW-06	MW-04
Detection Limit (ug/L)	1.0	1.0	1.0	1.0
Date Analyzed:	8/20/2003	8/19/2003	8/19/2003	8/19/2003
Benzene	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	<1.0	<1.0	<1.0	<1.0
Total Xylene	<1.0	<1.0	<1.0	<1.0
% Surrogate Recovery	100.0	105.0	107.0	119.0

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

August 22, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 8/14/2003
Date Received: 8/15/2003
Project #: K-C Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: WI Mod.
Units: ug/l
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	034758-01	034758-02	034758-03	034758-04
Client Sample ID:	MW-01	MW-02	MW-06	MW-04
Detection Limit (ug/l)	100.0	100.0	100.0	100.0
Date Analyzed:	8/20/2003	8/19/2003	8/19/2003	8/19/2003
TPH-GRO	<100.0	<100.0	<100.0	147.0
% Surrogate Recovery	100.0	105.0	107.0	119.0

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

August 22, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 8/14/2003
Date Received: 8/15/2003
Project #: K-C Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: 8021
Units: ug/L
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	034758-05	034758-06	034758-07	034758-08
Client Sample ID:	MW-03	MW-05	MW-07	Trip Blank
Detection Limit (ug/L)	1.0	5.0	50.0	1.0
Date Analyzed:	8/21/2003	8/20/2003	8/20/2003	8/20/2003
Benzene	29.0	900.0	1507.0	<1.0
Toluene	22.0	719.0	4309.0	<1.0
Ethylbenzene	211.0	22.0	147.0	<1.0
Total Xylene	444.0	3075.0	5072.0	<1.0
% Surrogate Recovery	112.0	124.0	104.0	95.0

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

August 22, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 8/14/2003
Date Received: 8/15/2003
Project #: K-C Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: WI Mod.
Units: ug/l
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	034758-05	034758-06	034758-07
Client Sample ID:	MW-03	MW-05	MW-07
Detection Limit (ug/l)	100.0	100.0	100.0
Date Analyzed:	8/21/2003	8/20/2003	8/20/2003
TPH-GRO	2171.0	21505.0	22900.0
% Surrogate Recovery	112.0	124.0	104.0

Summit Environmental Technologies, Inc.
595 East Tallmadge Avenue
Akron, Ohio 44310 Tel: 330.253.8211 Fax: 330.253.4489

Analysis Request/Chain of Custody

For Summit Environmental Technologies, Inc. use only

Page _____ of _____.

SET No.

034758-01-08

Client Name: COTEAU ENVIRONMENTAL	Project Name: KC KWIK STOP
Client Address: 728 JAMES CIRCLE DR SW ALEXANDRIA, MN 56308	Project Address: BROOTEN, MN
Client Phone No: 320 846-4668	Report to: COTEAU ENV.
Client Fax No: 605-882-4152 Please Fax Results ✓ ✓	PO #
Contact Person: NATE	Quote No
Sampled by: SDH	Check if Ohio VAP samples ✓ ☐

#	Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: S=Solid, L=Liquid, O=Oil SL=Sludge, A=Air	Preservative	Number of Containers	Analytical Parameters and Methods: BTEX	GRO							
1	MW-01	8/14/03	0845	✓		L		2	✓	✓							
2	02		0937	✓		L		2	✓	✓							
3	06		1015	✓		L		2	✓	✓							
4	04		1108	✓		L		2	✓	✓							
5	03		1200	✓		L		2	✓	✓							
6	05		1247	✓		L		2	✓	✓							
7	07		1300	✓		L		2	✓	✓							
8	TRIP BLANK					L		2	✓								
9	TEMP BLANK					L		1									

Relinquished by:	Date	Time
[signature]	8/14/03	1600

Received by:	Date	Time

Received in lab by:	Date	Time
Jennifer Woody	8/15/03	

Rush Requested: _____ Days
Must be approved by lab manager

Notes/Comments:
PLEASE USE TRIP + TEMP BLANKS FOR BOTH SITES

White and yellow pages should accompany samples to the laboratory. The client retains the pink page.

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Coteau Environmental
728 Janes Circle Dr. SW
Alexandria, MN 56308

Order Number
036712

Project Number
KC Kwik Stop

Issued
Monday, November 10, 2003

Total Number of Pages
7

Approved By:
Bassam Youssef
Laboratory Manager

NELAC Accreditation #E87688 A2LA ISO/IEC 17025 Accreditation #0724.01

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Coteau Environmental
Order Number: 036712

Laboratory ID	Client ID	Matrix	Sampling Date
036712-01	MW-01	Liquid	11/4/03
036712-02	MW-07	Liquid	11/4/03
036712-03	MW-02	Liquid	11/4/03
036712-04	MW-06	Liquid	11/4/03
036712-05	MW-04	Liquid	11/4/03
036712-06	MW-03	Liquid	11/4/03
036712-07	MW-05	Liquid	11/4/03
036712-08	Trip Blank	Liquid	11/4/03

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Coteau Environmental
Order Number: 036712

No problems were encountered during analysis of this order number, except as noted.

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SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

November 10, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 11/4/03
Date Received: 11/5/03
Project #: KC Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: 8021
Units: ug/L
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	036712-01	036712-02	036712-03	036712-04
Client Sample ID:	MW-01	MW-07	MW-02	MW-06
Detection Limit (ug/L)	1.0	1.0	1.0	1.0
Date Analyzed:	11/5/03	11/6/03	11/6/03	11/6/03
Benzene	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	<1.0	<1.0	<1.0	<1.0
Total Xylene	<1.0	<1.0	<1.0	<1.0
% Surrogate Recovery	116.0	115.0	115.0	117.0

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

November 10, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 11/4/03
Date Received: 11/5/03
Project #: KC Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: WI Mod.
Units: ug/l
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	036712-01	036712-02	036712-03	036712-04
Client Sample ID:	MW-01	MW-07	MW-02	MW-06
Detection Limit (ug/l)	100.0	100.0	100.0	100.0
Date Analyzed:	11/5/03	11/6/03	11/6/03	11/6/03
TPH-GRO	<100.0	<100.0	<100.0	<100.0
% Surrogate Recovery	116.0	115.0	115.0	117.0

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

November 10, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 11/4/03
Date Received: 11/5/03
Project #: KC Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: 8021
Units: ug/L
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	036712-05	036712-06	036712-07	036712-08
Client Sample ID:	MW-04	MW-03	MW-05	Trip Blank
Detection Limit (ug/L)	1.0	1.0	50.0	1.0
Date Analyzed:	11/6/03	11/7/03	11/7/03	11/6/03
Benzene	8.0	38.0	2313.0	<1.0
Toluene	<1.0	13.0	16671.0	<1.0
Ethylbenzene	3.0	110.0	1740.0	<1.0
Total Xylene	<1.0	175.0	8035.0	<1.0
% Surrogate Recovery	125.0	109.0	123.0	104.0

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

November 10, 2003

Client: Coteau Environmental
Address: 728 Janes Circle Dr. SW
Alexandria, MN 56308

Date Collected: 11/4/03
Date Received: 11/5/03
Project #: KC Kwik Stop
Client ID #: See Below
Laboratory ID #: See Below
Matrix: Liquid
Method: WI Mod.
Units: ug/l
Analyst: MS
Detection Limit: See Below
Date of Analysis: See Below

Lab Sample ID:	036712-05	036712-06	036712-07
Client Sample ID:	MW-04	MW-03	MW-05
Detection Limit (ug/l)	100.0	100.0	100.0
Date Analyzed:	11/6/03	11/7/03	11/7/03
TPH-GRO	418.0	837.0	38200.0
% Surrogate Recovery	125.0	109.0	123.0

Summit Environmental Technologies, Inc.
595 East Tallmadge Avenue
Akron, Ohio 44310 Tel: 330.253.8211 Fax: 330.253.4489

Analysis Request/Chain of Custody

For Summit Environmental Technologies, Inc. use only

Page _____ of _____.

SET No.

Client Name: COTEAU ENVIRONMENTAL	Project Name: KC KWIK STOP
Client Address: 728 JAMES CIRCLE DR ALEXANDRIA, MN 56308	Project Address: BROOTEN, MN
Client Phone No.: 320-846-4668	Report to: COTEAU ENVIRO.
Client Fax No.: 605-882-4152 Please Fax Results ✓ ✓	PO #
Contact Person: NATE	Quote No.
Sampled by: SDU	Check if Ohio VAP samples ✓ ☐

#	Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: S=Solid, L=Liquid, O=Oil SL=Sludge, A=Air	Preservative	Number of Containers	Analytical Parameters and Methods: BTEX	Analytical Parameters and Methods: GRO
1	MW-01	11/4/03	0832	✓					✓	✓
2	07		0835	✓					✓	✓
3	02		0917	✓					✓	✓
4	06		1002	✓					✓	✓
5	04		1050	✓					✓	✓
6	03		1137	✓					✓	✓
7	05	↓	1215	✓					✓	✓
8	TRIP BLANK							2	✓	
9	TEMP BLANK							1		

03612-01 ⇒ 08

Relinquished by:	Date	Time	Received by:	Date	Time
	11/4/03	1630			
Received in lab by:	Date	Time	Rush Requested: _____ Days Must be approved by lab manager		
	11/5/03	9:30			

White and yellow pages should accompany samples to the laboratory. The client retains the pink page.

Notes/Comments:
PLEASE USE THE TRIP + TEMP BLANKS FOR BOTH SITES IN THIS COOLER.

LEGEND
Technical Services, Inc.

03/08/04

Mr. Nate Hunke
Coteau Environmental
728 Janes Circle Drive SW
Alexandria MN
56308

Subject: Brooton, MN KC Kwik Stop
Legend No: 2004020260

LEGEND TECHNICAL SERVICES, INC. (LEGEND) received the following sample(s).

Matrix	Samples	Date Sampled	Date Received	Comments
Groundwater	7	02/09/04	02/18/04	Received @ 12.5 C

* The associated batch quality assurance / quality control criteria were met with satisfaction.

* All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other instructions are received from the client.

* Minnesota Laboratory Certification # 027-123-295.

* Recoveries for naphthalene, 2,2-dichloropropane, 1,2,3-trichlorobenzene, hexachlorobutadiene, 1,2,4-trichlorobenzene, bromoform, acetone, 1,2-dibromo-3-chloropropane and tetrahydrofuran in the beginning CCAL for voc samples analyzed on 2/21/04 were below method limits. Reported results for these compounds in MW04, MW03 and MW05 may be biased low.

Prepared by,
LEGEND TECHNICAL SERVICES, INC

Chris Bremer
Laboratory Director

Karla Reps
Client Representative

This report shall not be reproduced, except in full, without the written authorization of LEGEND

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project:	Brooton, MN	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04

GRO/8021B WATER

Analysis Date:	02/19/04	02/19/04	--
Analysis Method:	WI GRO	WI GRO	--
Client Sample ID:	MW-07	Trip Blank	µg/L

Compound	2	8	RL
Benzene	<1.0	<1.0	1.0
Ethyl benzene	<1.0	<1.0	1.0
Gasoline range organics	<100	<100	1.0
Toluene	<1.0	<1.0	3.0
Total xylenes	<3.0	<3.0	--
1-Chloro-4-fluorobenzene (Surr)	96.0%	96.0%	--

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project:	Brooton, MN	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04

GRO/8021B WATER

Analysis Date:	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	02/19/04	--
Analysis Method:	WI GRO	WI GRO	WI GRO	WI GRO	WI GRO	WI GRO	WI GRO	--
Client Sample ID:	MW-01	MW-02	MW-06	MW-04	MW-03	MW-05	Method Blank	µg/L
Compound	**1**	**3**	**4**	**5**	**6**	**7**	**9**	**RL**
Gasoline range organics	<100	<100	<100	**380**	**2,500**	**33,000 D**	<100	100
1-Chloro-4-fluorobenzene (Surr)	95.2%	94.4%	94.6%	100%	104%	99.6%	95.4%	--

D=Quantitation was performed on a dilution of the sample.

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	1
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	MW-01		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/20/04
Client ID: MW-01

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057
1,1-Dichloroethene	<0.50	µg/L	0.50	0.061
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<0.50	µg/L	0.50	0.022
1,2,4-Trimethyl benzene	<0.50	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062
1,2-Dichloroethane	<0.50	µg/L	0.50	0.054
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	<0.50	µg/L	0.50	0.058
1,3-Dichlorobenzene	<0.50	µg/L	0.50	0.057
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060
4-Chlorotoluene	<0.50	µg/L	0.50	0.059
Acetone	<10	µg/L	10	2.0
Allyl chloride	<5.0	µg/L	5.0	0.27
Benzene	<0.50	µg/L	0.50	0.067
Bromobenzene	<0.50	µg/L	0.50	0.039
Bromochloromethane	<0.50	µg/L	0.50	0.061
Bromodichloromethane	<0.50	µg/L	0.50	0.064
Bromoform	<0.50	µg/L	0.50	0.038
Bromomethane	<2.0	µg/L	2.0	0.058
Carbon tetrachloride	<0.50	µg/L	0.50	0.025
Chlorobenzene	<0.50	µg/L	0.50	0.064
Chloroethane	<1.0	µg/L	1.0	0.074
Chloroform	<0.50	µg/L	0.50	0.061
Chloromethane	<2.0	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<0.50	µg/L	0.50	0.064
Dibromochloromethane	<0.50	µg/L	0.50	0.055
Dibromomethane	<0.50	µg/L	0.50	0.033
Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
Dichlorofluoromethane	<5.0	µg/L	5.0	0.23
Ethyl benzene	<0.50	µg/L	0.50	0 064
Ethyl ether	<5.0	µg/L	5.0	0.26
Hexachlorobutadiene	<0.50	µg/L	0.50	0.049
Isopropyl benzene	<0.50	µg/L	0.50	0.064
Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
Methyl isobutyl ketone	<5.0	µg/L	5.0	0.23
Methyl-tert-butyl ether	<5.0	µg/L	5.0	0.24
Methylene chloride	<5 0	µg/L	5.0	0.44
n-Butyl benzene	<0.50	µg/L	0.50	0 062
n-Propyl benzene	<0.50	µg/L	0.50	0.070
Naphthalene	<0.50	µg/L	0.50	0 045
o-Xylene	<0.50	µg/L	0.50	0.062
p,m-Xylene	<1.0	µg/L	1.0	0.13
p-Isopropyltoluene	<0.50	µg/L	0.50	0.063
sec-Butyl benzene	<0.50	µg/L	0.50	0.067
Styrene	<0.50	µg/L	0.50	0.060
tert-Butyl benzene	<0.50	µg/L	0.50	0.063
Tetrachloroethene	<0.50	µg/L	0.50	0.075
Tetrahydrofuran	<5.0	µg/L	5.0	0.28
Toluene	<0.50	µg/L	0.50	0.069
trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0.059
trans-1,3-Dichloropropene	<0.50	µg/L	0.50	0.059
Trichloroethene	<0.50	µg/L	0.50	0.074
Trichlorofluoromethane	<1.0	µg/L	1.0	0.060
Trichlorotrifluoroethane	<5.0	µg/L	5.0	0.16
Vinyl chloride	<0.50	µg/L	0.50	0.065
Fluorobenzene (Surrogate)	87.8	%	--	--

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	3
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	MW-02		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/20/04
Client ID: MW-02

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057
1,1-Dichloroethene	<0.50	µg/L	0.50	0.061
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<0.50	µg/L	0.50	0.022
1,2,4-Trimethyl benzene	<0.50	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062
1,2-Dichloroethane	<0.50	µg/L	0.50	0 054
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	<0.50	µg/L	0.50	0.058
1,3-Dichlorobenzene	<0 50	µg/L	0.50	0.057
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060
4-Chlorotoluene	<0.50	µg/L	0.50	0.059
Acetone	<10	µg/L	10	2.0
Allyl chloride	<5.0	µg/L	5.0	0.27
Benzene	<0.50	µg/L	0.50	0.067
Bromobenzene	<0.50	µg/L	0.50	0.039
Bromochloromethane	<0.50	µg/L	0.50	0.061
Bromodichloromethane	<0.50	µg/L	0.50	0.064
Bromoform	<0.50	µg/L	0.50	0.038
Bromomethane	<2.0	µg/L	2.0	0.058
Carbon tetrachloride	<0.50	µg/L	0.50	0.025
Chlorobenzene	<0.50	µg/L	0.50	0.064
Chloroethane	<1.0	µg/L	1.0	0.074
Chloroform	<0.50	µg/L	0.50	0.061
Chloromethane	<2.0	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<0.50	µg/L	0.50	0.064
Dibromochloromethane	<0.50	µg/L	0.50	0.055
Dibromomethane	<0.50	µg/L	0.50	0.033
Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
Dichlorofluoromethane	<5.0	µg/L	5.0	0.23
Ethyl benzene	<0.50	µg/L	0.50	0 064
Ethyl ether	<5.0	µg/L	5.0	0.26
Hexachlorobutadiene	<0.50	µg/L	0.50	0.049
Isopropyl benzene	<0.50	µg/L	0.50	0.064
Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
Methyl isobutyl ketone	<5.0	µg/L	5.0	0.23
Methyl-tert-butyl ether	<5.0	µg/L	5.0	0.24
Methylene chloride	<5.0	µg/L	5.0	0.44
n-Butyl benzene	<0.50	µg/L	0.50	0.062
n-Propyl benzene	<0.50	µg/L	0.50	0 070
Naphthalene	<0.50	µg/L	0.50	0.045
o-Xylene	<0.50	µg/L	0.50	0.062
p,m-Xylene	<1.0	µg/L	1.0	0.13
p-Isopropyltoluene	<0.50	µg/L	0 50	0.063
sec-Butyl benzene	<0.50	µg/L	0.50	0.067
Styrene	<0.50	µg/L	0.50	0 060
tert-Butyl benzene	<0.50	µg/L	0.50	0.063
Tetrachloroethene	<0.50	µg/L	0.50	0.075
Tetrahydrofuran	<5.0	µg/L	5 0	0.28
Toluene	<0.50	µg/L	0 50	0.069
trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0.059
trans-1,3-Dichloropropene	<0.50	µg/L	0.50	0.059
Trichloroethene	<0.50	µg/L	0.50	0.074
Trichlorofluoromethane	<1.0	µg/L	1.0	0 060
Trichlorotrifluoroethane	<5.0	µg/L	5.0	0.16
Vinyl chloride	<0.50	µg/L	0.50	0.065
Fluorobenzene (Surrogate)	87.7	%	--	--

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	4
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	MW-06		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/20/04
Client ID: MW-06

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057
1,1-Dichloroethene	<0.50	µg/L	0.50	0.061
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<0.50	µg/L	0 50	0.022
1,2,4-Trimethyl benzene	<0.50	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062
1,2-Dichloroethane	<0.50	µg/L	0.50	0.054
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	<0.50	µg/L	0.50	0.058
1,3-Dichlorobenzene	<0.50	µg/L	0.50	0.057
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060
4-Chlorotoluene	<0.50	µg/L	0.50	0.059
Acetone	<10	µg/L	10	2.0
Allyl chloride	<5.0	µg/L	5.0	0.27
Benzene	<0.50	µg/L	0.50	0.067
Bromobenzene	<0.50	µg/L	0.50	0 039
Bromochloromethane	<0.50	µg/L	0.50	0.061
Bromodichloromethane	<0.50	µg/L	0.50	0.064
Bromoform	<0.50	µg/L	0.50	0.038
Bromomethane	<2.0	µg/L	2.0	0.058
Carbon tetrachloride	<0.50	µg/L	0.50	0.025
Chlorobenzene	<0.50	µg/L	0.50	0.064
Chloroethane	<1.0	µg/L	1.0	0.074
Chloroform	<0.50	µg/L	0.50	0.061
Chloromethane	<2.0	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<0.50	µg/L	0.50	0.064
Dibromochloromethane	<0.50	µg/L	0.50	0.055

Compound	Sample Results	Units	RL	MDL
Dibromomethane	<0.50	µg/L	0.50	0.033
Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
Dichlorofluoromethane	<5.0	µg/L	5.0	0.23
Ethyl benzene	<0.50	µg/L	0.50	0.064
Ethyl ether	<5.0	µg/L	5.0	0.26
Hexachlorobutadiene	<0.50	µg/L	0.50	0.049
Isopropyl benzene	<0.50	µg/L	0.50	0.064
Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
Methyl isobutyl ketone	<5.0	µg/L	5 0	0.23
Methyl-tert-butyl ether	<5.0	µg/L	5.0	0 24
Methylene chloride	<5.0	µg/L	5.0	0.44
n-Butyl benzene	<0.50	µg/L	0.50	0.062
n-Propyl benzene	<0.50	µg/L	0.50	0.070
Naphthalene	<0.50	µg/L	0.50	0.045
o-Xylene	<0.50	µg/L	0.50	0.062
p,m-Xylene	<1.0	µg/L	1.0	0.13
p-Isopropyltoluene	<0.50	µg/L	0.50	0.063
sec-Butyl benzene	<0.50	µg/L	0.50	0.067
Styrene	<0.50	µg/L	0.50	0.060
tert-Butyl benzene	<0.50	µg/L	0.50	0.063
Tetrachloroethene	<0.50	µg/L	0.50	0.075
Tetrahydrofuran	<5.0	µg/L	5.0	0.28
Toluene	<0.50	µg/L	0.50	0.069
trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0.059
trans-1,3-Dichloropropene	<0.50	µg/L	0.50	0.059
Trichloroethene	<0.50	µg/L	0.50	0.074
Trichlorofluoromethane	<1.0	µg/L	1.0	0.060
Trichlorotrifluoroethane	<5.0	µg/L	5.0	0.16
Vinyl chloride	<0.50	µg/L	0.50	0.065
Fluorobenzene (Surrogate)	87.4	%	--	--

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	5
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	MW-04		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/21/04
Client ID: MW-04

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057
1,1-Dichloroethene	<0.50	µg/L	0.50	0.061
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<0.50	µg/L	0.50	0.022
1,2,4-Trimethyl benzene	**4.0**	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062
1,2-Dichloroethane	<0.50	µg/L	0.50	0.054
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	**3.0**	µg/L	0.50	0.058
1,3-Dichlorobenzene	<0.50	µg/L	0.50	0 057
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060
4-Chlorotoluene	<0.50	µg/L	0.50	0.059
Acetone	<10	µg/L	10	2.0
Allyl chloride	<5.0	µg/L	5.0	0.27
Benzene	**2.2**	µg/L	0.50	0.067
Bromobenzene	<0.50	µg/L	0.50	0.039
Bromochloromethane	<0.50	µg/L	0.50	0.061
Bromodichloromethane	<0.50	µg/L	0.50	0.064
Bromoform	<0.50	µg/L	0.50	0.038
Bromomethane	<2.0	µg/L	2.0	0.058
Carbon tetrachloride	<0.50	µg/L	0.50	0.025
Chlorobenzene	<0.50	µg/L	0.50	0.064
Chloroethane	<1.0	µg/L	1.0	0.074
Chloroform	<0.50	µg/L	0 50	0.061
Chloromethane	<2.0	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<0.50	µg/L	0 50	0.064
Dibromochloromethane	<0.50	µg/L	0.50	0.055
Dibromomethane	<0.50	µg/L	0.50	0.033
Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
Dichlorofluoromethane	<5.0	µg/L	5 0	0.23
Ethyl benzene	**3.1**	µg/L	0.50	0.064
Ethyl ether	<5.0	µg/L	5.0	0.26
Hexachlorobutadiene	<0.50	µg/L	0.50	0.049
Isopropyl benzene	**2.3**	µg/L	0.50	0.064
Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
Methyl isobutyl ketone	<5.0	µg/L	5.0	0.23
Methyl-tert-butyl ether	<5.0	µg/L	5.0	0 24
Methylene chloride	<5.0	µg/L	5.0	0.44
n-Butyl benzene	**4.0**	µg/L	0.50	0.062
n-Propyl benzene	**7.2**	µg/L	0.50	0.070
Naphthalene	**5.7**	µg/L	0.50	0.045
o-Xylene	**1.3**	µg/L	0.50	0.062
p,m-Xylene	**1.1**	µg/L	1.0	0.13
p-Isopropyltoluene	<0.50	µg/L	0.50	0.063
sec-Butyl benzene	**2.1**	µg/L	0.50	0.067
Styrene	<0.50	µg/L	0.50	0.060
tert-Butyl benzene	<0.50	µg/L	0 50	0.063
Tetrachloroethene	<0.50	µg/L	0.50	0.075
Tetrahydrofuran	<5.0	µg/L	5.0	0.28
Toluene	**0.58**	µg/L	0.50	0.069
trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0 059
trans-1,3-Dichloropropene	<0.50	µg/L	0.50	0 059
Trichloroethene	<0.50	µg/L	0.50	0.074
Trichlorofluoromethane	<1.0	µg/L	1.0	0.060
Trichlorotrifluoroethane	<5.0	µg/L	5.0	0.16
Vinyl chloride	<0.50	µg/L	0.50	0.065
Fluorobenzene (Surrogate)	78.9 S5	%	--	--

S5=Surrogate recovery was below laboratory acceptance limits
This appears to be matrix related.

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	6
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	MW-03		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/21/04
Client ID: MW-03

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057
1,1-Dichloroethene	<0.50	µg/L	0.50	0.061
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<0.50	µg/L	0.50	0.022
1,2,4-Trimethyl benzene	**110 D**	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062
1,2-Dichloroethane	<0.50	µg/L	0.50	0.054
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	**22**	µg/L	0.50	0.058
1,3-Dichlorobenzene	<0.50	µg/L	0.50	0.057
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060
4-Chlorotoluene	<0.50	µg/L	0.50	0.059
Acetone	<10	µg/L	10	2.0
Allyl chloride	<5.0	µg/L	5.0	0.27
Benzene	**4.0**	µg/L	0.50	0.067
Bromobenzene	<0 50	µg/L	0.50	0.039
Bromochloromethane	<0.50	µg/L	0.50	0.061
Bromodichloromethane	<0.50	µg/L	0.50	0.064
Bromoform	<0.50	µg/L	0.50	0.038
Bromomethane	<2.0	µg/L	2.0	0.058
Carbon tetrachloride	<0.50	µg/L	0.50	0.025
Chlorobenzene	<0.50	µg/L	0.50	0.064
Chloroethane	<1.0	µg/L	1.0	0.074
Chloroform	<0.50	µg/L	0.50	0.061
Chloromethane	<2.0	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<0.50	µg/L	0.50	0.064
Dibromochloromethane	<0.50	µg/L	0.50	0.055

Compound	Sample Results	Units	RL	MDL
Dibromomethane	<0.50	µg/L	0.50	0.033
Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
Dichlorofluoromethane	<5.0	µg/L	5.0	0.23
Ethyl benzene	**350 D**	µg/L	0.50	0.064
Ethyl ether	<5.0	µg/L	5.0	0.26
Hexachlorobutadiene	<0.50	µg/L	0.50	0.049
Isopropyl benzene	**9.0**	µg/L	0.50	0.064
Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
Methyl isobutyl ketone	<5.0	µg/L	5.0	0.23
Methyl-tert-butyl ether	<5.0	µg/L	5.0	0.24
Methylene chloride	<5.0	µg/L	5.0	0.44
n-Butyl benzene	**1.3**	µg/L	0.50	0.062
n-Propyl benzene	**14**	µg/L	0.50	0.070
Naphthalene	**19**	µg/L	0.50	0.045
o-Xylene	**430 D**	µg/L	0.50	0.062
p,m-Xylene	**390 D**	µg/L	1.0	0.13
p-Isopropyltoluene	<0 50	µg/L	0.50	0.063
sec-Butyl benzene	<0.50	µg/L	0.50	0.067
Styrene	**1.2**	µg/L	0.50	0.060
tert-Butyl benzene	<0.50	µg/L	0.50	0.063
Tetrachloroethene	<0.50	µg/L	0.50	0.075
Tetrahydrofuran	<5.0	µg/L	5.0	0.28
Toluene	**180 D**	µg/L	0.50	0.069
trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0.059
trans-1,3-Dichloropropene	<0.50	µg/L	0.50	0.059
Trichloroethene	<0.50	µg/L	0 50	0.074
Trichlorofluoromethane	<1.0	µg/L	1.0	0.060
Trichlorotrifluoroethane	<5.0	µg/L	5.0	0.16
Vinyl chloride	<0.50	µg/L	0.50	0.065
Fluorobenzene (Surrogate)	93.0	%	--	--

D=Quantitation was performed on a dilution of the sample.

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	7
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	MW-05		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/21/04
Client ID: MW-05

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<50	µg/L	1.0	0.066
1,1,1-Trichloroethane	<25	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<25	µg/L	0.50	0.057
1,1,2-Trichloroethane	<25	µg/L	0.50	0.052
1,1-Dichloroethane	<25	µg/L	0.50	0.057
1,1-Dichloroethene	<25	µg/L	0.50	0.061
1,1-Dichloropropene	<25	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<25	µg/L	0.50	0.026
1,2,3-Trichloropropane	<25	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<25	µg/L	0.50	0.022
1,2,4-Trimethyl benzene	**770**	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<25	µg/L	0.50	0.025
1,2-Dibromoethane	<25	µg/L	0.50	0.039
1,2-Dichlorobenzene	<25	µg/L	0.50	0.062
1,2-Dichloroethane	<25	µg/L	0.50	0.054
1,2-Dichloropropane	<25	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	**200**	µg/L	0.50	0.058
1,3-Dichlorobenzene	<25	µg/L	0.50	0.057
1,3-Dichloropropane	<25	µg/L	0 50	0.064
1,4-Dichlorobenzene	<25	µg/L	0.50	0.058
2,2-Dichloropropane	<25	µg/L	0.50	0.075
2-Chlorotoluene	<25	µg/L	0.50	0 060
4-Chlorotoluene	<25	µg/L	0.50	0.059
Acetone	<500	µg/L	10	2.0
Allyl chloride	<250	µg/L	5.0	0.27
Benzene	**1,600 D**	µg/L	0.50	0.067
Bromobenzene	<25	µg/L	0.50	0.039
Bromochloromethane	<25	µg/L	0.50	0.061
Bromodichloromethane	<25	µg/L	0.50	0.064
Bromoform	<25	µg/L	0.50	0.038
Bromomethane	<100	µg/L	2.0	0.058
Carbon tetrachloride	<25	µg/L	0.50	0.025
Chlorobenzene	<25	µg/L	0.50	0.064
Chloroethane	<50	µg/L	1.0	0.074
Chloroform	<25	µg/L	0.50	0.061
Chloromethane	<100	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<25	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<25	µg/L	0.50	0 064
Dibromochloromethane	<25	µg/L	0.50	0.055

Compound	Sample Results	Units	RL	MDL
Dibromomethane	<25	µg/L	0.50	0.033
Dichlorodifluoromethane	<100	µg/L	2.0	0.063
Dichlorofluoromethane	<250	µg/L	5.0	0.23
Ethyl benzene	**1,400 D**	µg/L	0.50	0 064
Ethyl ether	<250	µg/L	5.0	0.26
Hexachlorobutadiene	<25	µg/L	0.50	0.049
Isopropyl benzene	**47**	µg/L	0.50	0.064
Methyl ethyl ketone	<250	µg/L	5.0	0.35
Methyl isobutyl ketone	<250	µg/L	5.0	0.23
Methyl-tert-butyl ether	<250	µg/L	5.0	0.24
Methylene chloride	<250	µg/L	5.0	0.44
n-Butyl benzene	**29**	µg/L	0.50	0.062
n-Propyl benzene	**140**	µg/L	0.50	0.070
Naphthalene	**260**	µg/L	0.50	0.045
o-Xylene	**1600 D**	µg/L	0.50	0.062
p,m-Xylene	**4,000 D**	µg/L	1.0	0.13
p-Isopropyltoluene	<25	µg/L	0.50	0.063
sec-Butyl benzene	<25	µg/L	0.50	0.067
Styrene	<25	µg/L	0 50	0.060
tert-Butyl benzene	<25	µg/L	0.50	0.063
Tetrachloroethene	<25	µg/L	0.50	0.075
Tetrahydrofuran	<250	µg/L	5.0	0.28
Toluene	**7,800 D**	µg/L	0.50	0.069
trans-1,2-Dichloroethene	<25	µg/L	0.50	0.059
trans-1,3-Dichloropropene	<25	µg/L	0.50	0.059
Trichloroethene	<25	µg/L	0.50	0.074
Trichlorofluoromethane	<50	µg/L	1.0	0.060
Trichlorotrifluoroethane	<250	µg/L	5.0	0.16
Vinyl chloride	<25	µg/L	0.50	0.065
Fluorobenzene (Surrogate)	92.2	%	--	--

D=Quantitation was performed on a dilution of the sample.

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	8
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	Trip Blank		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/20/04
Client ID: Trip Blank

Compound	Sample Results	Units	RL	MDL	Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066	Dibromomethane	<0.50	µg/L	0.50	0.033
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065	Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057	Dichlorofluoromethane	<5.0	µg/L	5.0	0.23
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052	Ethyl benzene	<0.50	µg/L	0.50	0.064
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057	Ethyl ether	<5.0	µg/L	5.0	0.26
1,1-Dichloroethene	<0.50	µg/L	0.50	0.061	Hexachlorobutadiene	<0.50	µg/L	0.50	0.049
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052	Isopropyl benzene	<0.50	µg/L	0.50	0.064
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026	Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060	Methyl isobutyl ketone	<5.0	µg/L	5.0	0.23
1,2,4-Trichlorobenzene	<0.50	µg/L	0.50	0.022	Methyl-tert-butyl ether	<5.0	µg/L	5.0	0.24
1,2,4-Trimethyl benzene	<0.50	µg/L	0 50	0.059	Methylene chloride	<5.0	µg/L	5 0	0 44
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025	n-Butyl benzene	<0.50	µg/L	0.50	0.062
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039	n-Propyl benzene	<0.50	µg/L	0 50	0.070
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062	Naphthalene	<0.50	µg/L	0.50	0.045
1,2-Dichloroethane	<0.50	µg/L	0.50	0.054	o-Xylene	<0.50	µg/L	0.50	0 062
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048	p,m-Xylene	<1.0	µg/L	1.0	0.13
1,3,5-Trimethyl benzene	<0.50	µg/L	0.50	0.058	p-Isopropyltoluene	<0.50	µg/L	0.50	0.063
1,3-Dichlorobenzene	<0.50	µg/L	0.50	0.057	sec-Butyl benzene	<0.50	µg/L	0.50	0 067
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064	Styrene	<0.50	µg/L	0.50	0.060
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058	tert-Butyl benzene	<0.50	µg/L	0.50	0.063
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075	Tetrachloroethene	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060	Tetrahydrofuran	<5.0	µg/L	5.0	0.28
4-Chlorotoluene	<0.50	µg/L	0.50	0.059	Toluene	<0.50	µg/L	0.50	0.069
Acetone	<10	µg/L	10	2.0	trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0 059
Allyl chloride	<5.0	µg/L	5.0	0.27	trans-1,3-Dichloropropene	<0 50	µg/L	0.50	0.059
Benzene	<0.50	µg/L	0.50	0.067	Trichloroethene	<0.50	µg/L	0 50	0.074
Bromobenzene	<0.50	µg/L	0.50	0.039	Trichlorofluoromethane	<1.0	µg/L	1.0	0.060
Bromochloromethane	<0.50	µg/L	0.50	0.061	Trichlorotrifluoroethane	<5.0	µg/L	5.0	0.16
Bromodichloromethane	<0 50	µg/L	0.50	0.064	Vinyl chloride	<0.50	µg/L	0.50	0.065
Bromoform	<0.50	µg/L	0.50	0.038	Fluorobenzene (Surrogate)	87.4	%	--	--
Bromomethane	<2.0	µg/L	2.0	0.058					
Carbon tetrachloride	<0.50	µg/L	0.50	0.025					
Chlorobenzene	<0.50	µg/L	0.50	0.064					
Chloroethane	<1.0	µg/L	1.0	0.074					
Chloroform	<0.50	µg/L	0.50	0.061					
Chloromethane	<2.0	µg/L	2.0	0.061					
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055					
cis-1,3-Dichloropropene	<0.50	µg/L	0.50	0.064					
Dibromochloromethane	<0.50	µg/L	0.50	0.055					

Legend Technical Services

Client Name:	Coteau Environmental	**Legend Project #:**	2004020260
Client Project Number:	Brooton, MN	**Sample #:**	9
Client Project Name:	KC Kwik Stop	**Matrix:**	Groundwater
Date Sampled:	02/09/04	**Date Received:**	02/18/04
Client Sample ID:	Method Blank		

VOC MDH LIST BY 8021B

Extraction Date: --
Analysis Method: 8021B
Analysis Date: 02/20/04
Client ID: Method Blank

Compound	Sample Results	Units	RL	MDL
1,1,1,2-Tetrachloroethane	<1.0	µg/L	1.0	0.066
1,1,1-Trichloroethane	<0.50	µg/L	0.50	0.065
1,1,2,2-Tetrachloroethane	<0.50	µg/L	0.50	0.057
1,1,2-Trichloroethane	<0.50	µg/L	0.50	0.052
1,1-Dichloroethane	<0.50	µg/L	0.50	0.057
1,1-Dichloroethene	<0.50	µg/L	0 50	0.061
1,1-Dichloropropene	<0.50	µg/L	0.50	0.052
1,2,3-Trichlorobenzene	<0.50	µg/L	0.50	0.026
1,2,3-Trichloropropane	<0.50	µg/L	0.50	0.060
1,2,4-Trichlorobenzene	<0.50	µg/L	0.50	0.022
1,2,4-Trimethyl benzene	<0.50	µg/L	0.50	0.059
1,2-Dibromo-3-chloropropane	<0.50	µg/L	0.50	0.025
1,2-Dibromoethane	<0.50	µg/L	0.50	0.039
1,2-Dichlorobenzene	<0.50	µg/L	0.50	0.062
1,2-Dichloroethane	<0.50	µg/L	0.50	0.054
1,2-Dichloropropane	<0.50	µg/L	0.50	0.048
1,3,5-Trimethyl benzene	<0.50	µg/L	0.50	0.058
1,3-Dichlorobenzene	<0.50	µg/L	0.50	0.057
1,3-Dichloropropane	<0.50	µg/L	0.50	0.064
1,4-Dichlorobenzene	<0.50	µg/L	0.50	0.058
2,2-Dichloropropane	<0.50	µg/L	0.50	0.075
2-Chlorotoluene	<0.50	µg/L	0.50	0.060
4-Chlorotoluene	<0.50	µg/L	0.50	0.059
Acetone	<10	µg/L	10	2 0
Allyl chloride	<5.0	µg/L	5 0	0.27
Benzene	<0.50	µg/L	0.50	0.067
Bromobenzene	<0.50	µg/L	0.50	0.039
Bromochloromethane	<0.50	µg/L	0.50	0.061
Bromodichloromethane	<0.50	µg/L	0.50	0.064
Bromoform	<0.50	µg/L	0.50	0.038
Bromomethane	<2.0	µg/L	2.0	0.058
Carbon tetrachloride	<0.50	µg/L	0.50	0.025
Chlorobenzene	<0.50	µg/L	0.50	0.064
Chloroethane	<1.0	µg/L	1.0	0.074
Chloroform	<0.50	µg/L	0.50	0.061
Chloromethane	<2.0	µg/L	2.0	0.061
cis-1,2-Dichloroethene	<0.50	µg/L	0.50	0.055
cis-1,3-Dichloropropene	<0.50	µg/L	0.50	0.064
Dibromochloromethane	<0.50	µg/L	0.50	0.055
Dibromomethane	<0.50	µg/L	0.50	0.033
Dichlorodifluoromethane	<2.0	µg/L	2.0	0.063
Dichlorofluoromethane	<5.0	µg/L	5.0	0.23
Ethyl benzene	<0.50	µg/L	0.50	0.064
Ethyl ether	<5.0	µg/L	5.0	0.26
Hexachlorobutadiene	<0.50	µg/L	0.50	0 049
Isopropyl benzene	<0.50	µg/L	0.50	0.064
Methyl ethyl ketone	<5.0	µg/L	5.0	0.35
Methyl isobutyl ketone	<5 0	µg/L	5.0	0 23
Methyl-tert-butyl ether	<5.0	µg/L	5.0	0.24
Methylene chloride	<5.0	µg/L	5.0	0.44
n-Butyl benzene	<0.50	µg/L	0 50	0.062
n-Propyl benzene	<0 50	µg/L	0.50	0 070
Naphthalene	<0.50	µg/L	0.50	0.045
o-Xylene	<0.50	µg/L	0.50	0.062
p,m-Xylene	<1.0	µg/L	1.0	0.13
p-Isopropyltoluene	<0.50	µg/L	0.50	0.063
sec-Butyl benzene	<0.50	µg/L	0.50	0.067
Styrene	<0.50	µg/L	0.50	0 060
tert-Butyl benzene	<0.50	µg/L	0.50	0.063
Tetrachloroethene	<0.50	µg/L	0.50	0.075
Tetrahydrofuran	<5.0	µg/L	5.0	0.28
Toluene	<0 50	µg/L	0.50	0.069
trans-1,2-Dichloroethene	<0.50	µg/L	0.50	0.059
trans-1,3-Dichloropropene	<0.50	µg/L	0 50	0.059
Trichloroethene	<0 50	µg/L	0.50	0.074
Trichlorofluoromethane	<1.0	µg/L	1.0	0.060
Trichlorotrifluoroethane	<5 0	µg/L	5.0	0.16
Vinyl chloride	<0.50	µg/L	0.50	0 065
Fluorobenzene (Surrogate)	88.9	%	--	--

Page 1 of 1

LEGEND TECHNICAL SERVICES, INC.

775 Vandalia Street, St. Paul, MN 55114 - Telephone: 651-642-1150, Fax: 651-642-1239

CHAIN-OF-CUSTODY RECORD

Client Name: COTEAU ENVIRONMENTAL

Address: 728 JAMES CIRCLE DR ALEXANDRIA, MN, 56308

Attn: NATE OR SCOTT

Bill To:

Address: SAME

PO #:

Phone: 320-846-4668 Fax: 605-882-4152

Project Name: KC KWIK STOP, BROOTEN, MN Project #:

LEGEND Project #: 2004 020260

Turnaround Time:
- [x] Normal
- [ ] RUSH Date: _____

Condition Received:
- [x] Received at 12.5 °C
- [ ] Received on ice
- [ ] Received on blue ice
- [ ] Received ambient
- [ ] No temp. blank
- [ ] Acceptable

Item No.	Field ID No.	Sample Description	Collection Date	Collection Time	Sample Matrix	Lab ID No.	Number of Containers	Analysis: VOCs	Analysis: BTEX	Analysis: GRO			
1	MW-01	WATER	2/9/04	1148	WATER	-1		✓		✓			
2	07			1155		-2			✓	✓			
3	02			1235		-3		✓		✓			
4	06			1317		-4		✓		✓			
5	04			1405		-5		✓		✓			
6	03			1457		-6		✓		✓			
7	05			1550		-7		✓		✓			
8	TRIP BLANK					-8		✓	✓	✓			
9	TEMP BLANK												
10													

Sample Collector (please print)	Item No	Relinquished By:	Date:	Time:	Accepted By:	Date:	Time.
SCOTT HUNKE		Scott	2/10/04	1600			
Comments:	**Item No.**	**Relinquished By:**	**Date:**	**Time:**	**Received By Lab:**	**Date:**	**Time:**
					VG Legend	2/18/04	17:15

PLEASE REVIEW TERMS AND CONDITIONS ON BACK BEFORE SIGNING

Form LAB-268 (02/03)

White Copy - Original Accompanies Shipment to Lab **Yellow Copy** - Lab **Pink Copy** - Customer or Field Copy

LEGEND
Technical Services, Inc.
www.legend-group.com

775 Vandalia Street
St. Paul, MN 55114
Tel: 651.642.1150
Fax: 651.642.1239

June 08, 2004

Mr. Nate Hunke
Coteau Environmental
728 Janes Circle Drive SW
Alexandria, MN 56308

Work Order Number: 0400636
RE: KC-Kwik Stop-Brooten, MN

Enclosed are the results of analyses for samples received by the laboratory on 05/12/04. If you have any questions concerning this report, please feel free to contact me.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

Minnesota Certification # 027-123-295

Prepared by,
LEGEND TECHNICAL SERVICES, INC

Karla Reps
Client Representative

Chris Bremer
Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

GRO/8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0400636-01) Groundwater Sampled: 05/11/04 07:45 Received: 05/12/04 16:30										
Gasoline range organics	<100	100	16	ug/L	1	B4E1403	05/14/04	05/15/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*96.4*			*80-120 %*		"	"	"	"	
MW-07 (0400636-02) Groundwater Sampled: 05/11/04 07:50 Received: 05/12/04 16:30										
Benzene	<1.0	1.0	0.046	ug/L	1	B4E1403	05/14/04	05/14/04	EPA 8021B	
Ethylbenzene	<1.0	1.0	0.040	ug/L	1	"	"	"	"	
Toluene	<1.0	1.0	0.016	ug/L	1	"	"	"	"	
Xylenes (total)	<3.0	3.0	0.17	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*100*			*80-120 %*		"	"	"	"	
Gasoline range organics	<100	100	16	ug/L	1	"	"	"	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*100*			*80-120 %*		"	"	"	"	
MW-02 (0400636-03) Groundwater Sampled: 05/11/04 08:43 Received: 05/12/04 16:30										
Gasoline range organics	<100	100	16	ug/L	1	B4E1403	05/14/04	05/14/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*107*			*80-120 %*		"	"	"	"	
MW-06 (0400636-04) Groundwater Sampled: 05/11/04 09:27 Received: 05/12/04 16:30										
Gasoline range organics	<100	100	16	ug/L	1	B4E1403	05/14/04	05/14/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*105*			*80-120 %*		"	"	"	"	
MW-04 (0400636-05) Groundwater Sampled: 05/11/04 10:32 Received: 05/12/04 16:30										
Gasoline range organics	690	100	16	ug/L	1	B4E1403	05/14/04	05/14/04	Wisc Mod GRO	H
Surrogate: 4-Fluorochlorobenzene	*107*			*80-120 %*		"	"	*05/14/04*	"	
MW-03 (0400636-06) Groundwater Sampled: 05/11/04 11:30 Received: 05/12/04 16:30										
Gasoline range organics	970	100	16	ug/L	1	B4E1403	05/14/04	05/14/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*102*			*80-120 %*		"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

GRO/8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-05 (0400636-07) Groundwater Sampled: 05/11/04 12:20 Received: 05/12/04 16:30										
Gasoline range organics	27000	2500	400	ug/L	25	B4E1403	05/14/04	05/14/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*108*			*80-120 %*		"	"	"	"	
Trip Blank (0400636-08) Groundwater Sampled: 05/11/04 12:20 Received: 05/12/04 16:30										
Benzene	<1.0	1.0	0.046	ug/L	1	B4E1403	05/14/04	05/14/04	EPA 8021B	
Ethylbenzene	<1.0	1.0	0.040	ug/L	1	"	"	"	"	
Toluene	<1.0	1.0	0.016	ug/L	1	"	"	"	"	
Xylenes (total)	<3.0	3.0	0.17	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*104*			*80-120 %*		"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0400636-01) Groundwater Sampled: 05/11/04 07:45 Received: 05/12/04 16:30										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0400636-01) Groundwater Sampled: 05/11/04 07:45 Received: 05/12/04 16:30										
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	<0.50	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0400636-01) Groundwater Sampled: 05/11/04 07:45 Received: 05/12/04 16:30										
Trichloroethene	<0.50	0.50	0.074	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*96.9*			*80-120 %*		"	"	"	"	
MW-02 (0400636-03) Groundwater Sampled: 05/11/04 08:43 Received: 05/12/04 16:30										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-02 (0400636-03) Groundwater Sampled: 05/11/04 08:43 Received: 05/12/04 16:30

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	<0.50	0.50	0.067	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	**3.3**	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	<0.50	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-02 (0400636-03) Groundwater Sampled: 05/11/04 08:43 Received: 05/12/04 16:30										
Styrene	<0.50	0.50	0.060	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*96.9*			*80-120*	*%*	"	"	"	"	
MW-06 (0400636-04) Groundwater Sampled: 05/11/04 09:27 Received: 05/12/04 16:30										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	

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St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-06 (0400636-04) Groundwater Sampled: 05/11/04 09:27 Received: 05/12/04 16:30										
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-06 (0400636-04) Groundwater Sampled: 05/11/04 09:27 Received: 05/12/04 16:30										
Naphthalene	<0.50	0.50	0.045	ug/L	1	B4E1819	05/17/04	05/18/04	EPA 8021B	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*97.5*			*80-120 %*		"	"	"	"	
MW-04 (0400636-05) Groundwater Sampled: 05/11/04 10:32 Received: 05/12/04 16:30										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4E2020	05/20/04	05/20/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	**12**	0.50	0.059	ug/L	1	"	"	"	"	

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Report Checklist For Hydrologists

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

____ Yes (take appropriate action) ____ No

2) Was a stratigraphic boring done? Was it deep enough? (These are often not performed because the geology was not suitable for push probes and they did not take the geology into consideration prior to the field work).

____ Yes ____ No (*take appropriate action-rejection maybe if they should have known that a push probe would be inadequate or if they failed to budget for the deep boring)*

3) Soil analytical samples collected at correct depth(s) (see Fact Sheet # 19).

____ Yes ____ No (*take appropriate action-rejection maybe if they showed very poor judgment in selecting sampling intervals; e.g., sampled only at the water table when there was visible contamination or high PID readings at shallower depth*)

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

____ Yes

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

5) Are all utilities shown on a site map (with depths)?

____ Yes

____ No (reject report)

6) Grain size analysis performed?

____ Yes

____ No (take appropriate action)

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

____ Yes ____ No (reject report)

8) Section 12: Conclusions or recommendations provided?

____ Yes ____ No (reject report)

9) Are the conclusions or recommendations supported by the data? (The data obviously do not support the conclusions or recommendations or there is a glaring misinterpretation of the data).

____ Yes ____ No (reject report-*this may be a difficult decision because this will appear to be a question of differing professional opinions between the consultant and the MPCA; report rejection would probably only be justified in cases where much of the data was not included in the report, if much of the data failed QAQC, or if the laboratory was not certified.*)

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

____ Yes

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

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

____ Yes ____ No (reject report)

8) Section 12: Conclusions or recommendations provided?

____ Yes ____ No (reject report)

9) Other: Were full VOCs analyzed?

____ Yes

____ No (reject report)

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

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

____ Yes (take appropriate action) ____ No

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

____ Yes (reject report) ____ No

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

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

____ Yes ____ No (take appropriate action)

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

____ Yes ____ No (reject report)

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

____ Yes ____ No (reject report)

PM Report Checklist for LSI or RI Report

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

Date: 5-27-05 PM: S. Palzkill Hydro: _____

Type of Report:

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

1) Is the report signed, or is the Consultant Information Section unaltered?

__X__ Yes
____ No (reject report)

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

__X__ Yes
____ No (reject report)

3) Is there a recommendation made for the site?

__X__ Yes
____ No (reject report)

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

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

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

____ Yes
____ No (take appropriate action)

NA

Report Rejection Checklist

Background

Reports that omit important information can waste MPCA staff time and Petrofund money. Lust staff spent considerable time to develop comprehensive guidance to streamline the review process and provide consistency in the way we manage the program. The goal of the checklist is to ensure that the guidance is followed, that reports are reviewed in a timely manner, and that poor quality investigations and reporting are discouraged. One way to achieve these goals is to make sure that consultants are held accountable for failure to follow guidance.

Inadequate reports should be rejected. A rejected report may affect responsible party reimbursement.

Process

The following is a project manager report rejection checklist followed by a hydrologist report rejection checklist. The first checklist is intended for use by the PM to decide whether there is sufficient information to submit the report for hydro review. Following it is a list of rejection criteria for hydrogeologists. When a report is received by the PM, the PM fills out the PM checklist. Unless the PM rejects the report, the PM Checklist is attached to the report and submitted to the hydro for review. The hydro may reject the report for any of the reasons listed in the hydro checklist. Appropriate documentation of report rejections should include Report Tracking documentation, AND Remarks screen documentation (in fact Petrofund staff have indicated that Remarks documentation would be the best way for them to track report rejections for individual sites). The items listed below represent report problems that have been fairly common in recent years. There could be other reasons for rejecting a report such as failure to follow any guidance not referred to below.

A report rejection letter is flexible because sites and situations vary. In some cases a report will be rejected completely for failure to follow several important guidance documents. In most cases a report rejection letter will indicate a specific omission or error so that the responsible party may be eligible for reimbursement for those parts of the report that are acceptable. In order to expedite a project or to avoid delays over small omissions, a request for more work may include a comment indicating which portion of the work is not acceptable. The portion that is not acceptable should also be indicated in the Remarks screen. In some cases there may be a professional difference of opinion between the consultant and staff. For example, a consultant may recommend closure but staff may believe that the extent of contamination is not adequately defined. This may be a difference of opinion which may not be justification for a report rejection. The project team will have to consider whether the consultant is acting in good faith or is clearly ignoring obvious evidence.

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-04 (0400636-05) Groundwater Sampled: 05/11/04 10:32 Received: 05/12/04 16:30										
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	B4E2020	05/20/04	05/20/04	EPA 8021B	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	**3.5**	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	**5.4**	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	

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Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-04 (0400636-05) Groundwater Sampled: 05/11/04 10:32 Received: 05/12/04 16:30										
Ethylbenzene	**8.7**	0.50	0.064	ug/L	1	B4E2020	05/20/04	05/20/04	EPA 8021B	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	**2.1**	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	**0.50**	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	**8.5**	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	**6.8**	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	**6.5**	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	**4.3**	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	**4.8**	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	**5.0**	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*102*			*80-120*	*%*	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	June 08, 2004
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0400636-06) Groundwater Sampled: 05/11/04 11:30 Received: 05/12/04 16:30										
1,1,1,2-Tetrachloroethane	<50	50	3.3	ug/L	50	B4E2020	05/20/04	05/20/04	EPA 8021B	
1,1,1-Trichloroethane	<25	25	3.2	ug/L	50	"	"	"	"	
1,1,2,2-Tetrachloroethane	<25	25	2.8	ug/L	50	"	"	"	"	
1,1,2-Trichloroethane	<25	25	2.6	ug/L	50	"	"	"	"	
1,1-Dichloroethane	<25	25	2.8	ug/L	50	"	"	"	"	
1,1-Dichloroethene	<25	25	3.0	ug/L	50	"	"	"	"	
1,1-Dichloropropene	<25	25	2.6	ug/L	50	"	"	"	"	
1,2,3-Trichlorobenzene	<25	25	1.3	ug/L	50	"	"	"	"	
1,2,3-Trichloropropane	<25	25	3.0	ug/L	50	"	"	"	"	
1,2,4-Trichlorobenzene	<25	25	1.1	ug/L	50	"	"	"	"	
1,2,4-Trimethylbenzene	**140**	25	3.0	ug/L	50	"	"	"	"	
1,2-Dibromo-3-chloropropane	<25	25	1.2	ug/L	50	"	"	"	"	
1,2-Dibromoethane (EDB)	<25	25	2.0	ug/L	50	"	"	"	"	
1,2-Dichlorobenzene	<25	25	3.1	ug/L	50	"	"	"	"	
1,2-Dichloroethane	<25	25	2.7	ug/L	50	"	"	"	"	
1,2-Dichloropropane	<25	25	2.4	ug/L	50	"	"	"	"	
1,3,5-Trimethylbenzene	**36**	25	2.9	ug/L	50	"	"	"	"	
1,3-Dichlorobenzene	<25	25	2.8	ug/L	50	"	"	"	"	
1,3-Dichloropropane	<25	25	3.2	ug/L	50	"	"	"	"	
1,4-Dichlorobenzene	<25	25	2.9	ug/L	50	"	"	"	"	
2,2-Dichloropropane	<25	25	3.8	ug/L	50	"	"	"	"	
2-Chlorotoluene	<25	25	3.0	ug/L	50	"	"	"	"	
4-Chlorotoluene	<25	25	3.0	ug/L	50	"	"	"	"	
Acetone	<500	500	100	ug/L	50	"	"	"	"	
Allyl chloride	<50	50	14	ug/L	50	"	"	"	"	
Benzene	<25	25	3.4	ug/L	50	"	"	"	"	
Bromobenzene	<25	25	2.0	ug/L	50	"	"	"	"	
Bromochloromethane	<25	25	3.0	ug/L	50	"	"	"	"	
Bromodichloromethane	<25	25	3.2	ug/L	50	"	"	"	"	
Bromoform	<25	25	1.9	ug/L	50	"	"	"	"	
Bromomethane	<100	100	2.9	ug/L	50	"	"	"	"	
Carbon tetrachloride	<25	25	1.2	ug/L	50	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0400636-06) Groundwater Sampled: 05/11/04 11:30 Received: 05/12/04 16:30										
Chlorobenzene	<25	25	3.2	ug/L	50	B4E2020	05/20/04	05/20/04	EPA 8021B	
Chloroethane	<50	50	3.7	ug/L	50	"	"	"	"	
Chloroform	<25	25	3.0	ug/L	50	"	"	"	"	
Chloromethane	<50	50	3.7	ug/L	50	"	"	"	"	
cis-1,2-Dichloroethene	<25	25	2.8	ug/L	50	"	"	"	"	
cis-1,3-Dichloropropene	<25	25	3.2	ug/L	50	"	"	"	"	
Dibromochloromethane	<25	25	2.8	ug/L	50	"	"	"	"	
Dibromomethane	<25	25	1.6	ug/L	50	"	"	"	"	
Dichlorodifluoromethane	<100	100	3.2	ug/L	50	"	"	"	"	
Dichlorofluoromethane	<100	100	12	ug/L	50	"	"	"	"	
Ethyl ether	<250	250	13	ug/L	50	"	"	"	"	
Ethylbenzene	**190**	25	3.2	ug/L	50	"	"	"	"	
Hexachlorobutadiene	<25	25	2.4	ug/L	50	"	"	"	"	
Isopropylbenzene	<25	25	3.2	ug/L	50	"	"	"	"	
Methyl ethyl ketone	<250	250	18	ug/L	50	"	"	"	"	
Methyl isobutyl ketone	<250	250	12	ug/L	50	"	"	"	"	
Methyl tert-butyl ether	<25	25	12	ug/L	50	"	"	"	"	
Methylene chloride	<250	250	22	ug/L	50	"	"	"	"	
Naphthalene	**44**	25	2.2	ug/L	50	"	"	"	"	
n-Butylbenzene	<25	25	3.1	ug/L	50	"	"	"	"	
n-Propylbenzene	<25	25	3.5	ug/L	50	"	"	"	"	
o-Xylene	<25	25	3.1	ug/L	50	"	"	"	"	
p,m-Xylene	**170**	50	6.5	ug/L	50	"	"	"	"	
p-Isopropyltoluene	<25	25	3.2	ug/L	50	"	"	"	"	
sec-Butylbenzene	<25	25	3.4	ug/L	50	"	"	"	"	
Styrene	<25	25	3.0	ug/L	50	"	"	"	"	
tert-Butylbenzene	<25	25	3.2	ug/L	50	"	"	"	"	
Tetrachloroethene	<25	25	3.8	ug/L	50	"	"	"	"	
Tetrahydrofuran	<250	250	14	ug/L	50	"	"	"	"	
Toluene	<25	25	3.4	ug/L	50	"	"	"	"	
trans-1,2-Dichloroethene	<25	25	3.0	ug/L	50	"	"	"	"	
trans-1,3-Dichloropropene	<25	25	3.0	ug/L	50	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0400636-06) Groundwater Sampled: 05/11/04 11:30 Received: 05/12/04 16:30										
Trichloroethene	<25	25	3.7	ug/L	50	B4E2020	05/20/04	05/20/04	EPA 8021B	
Trichlorofluoromethane	<50	50	3.0	ug/L	50	"	"	"	"	
Trichlorotrifluoroethane	<250	250	8.0	ug/L	50	"	"	"	"	
Vinyl chloride	<25	25	3.2	ug/L	50	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*100*			*80-120 %*		"	"	"	"	
MW-05 (0400636-07) Groundwater Sampled: 05/11/04 12:20 Received: 05/12/04 16:30										
1,1,1,2-Tetrachloroethane	<500	500	33	ug/L	500	B4E2020	05/20/04	05/20/04	EPA 8021B	
1,1,1-Trichloroethane	<250	250	32	ug/L	500	"	"	"	"	
1,1,2,2-Tetrachloroethane	<250	250	28	ug/L	500	"	"	"	"	
1,1,2-Trichloroethane	<250	250	26	ug/L	500	"	"	"	"	
1,1-Dichloroethane	<250	250	28	ug/L	500	"	"	"	"	
1,1-Dichloroethene	<250	250	30	ug/L	500	"	"	"	"	
1,1-Dichloropropene	<250	250	26	ug/L	500	"	"	"	"	
1,2,3-Trichlorobenzene	<250	250	13	ug/L	500	"	"	"	"	
1,2,3-Trichloropropane	<250	250	30	ug/L	500	"	"	"	"	
1,2,4-Trichlorobenzene	<250	250	11	ug/L	500	"	"	"	"	
1,2,4-Trimethylbenzene	**620**	250	30	ug/L	500	"	"	"	"	
1,2-Dibromo-3-chloropropane	<250	250	12	ug/L	500	"	"	"	"	
1,2-Dibromoethane (EDB)	<250	250	20	ug/L	500	"	"	"	"	
1,2-Dichlorobenzene	<250	250	31	ug/L	500	"	"	"	"	
1,2-Dichloroethane	<250	250	27	ug/L	500	"	"	"	"	
1,2-Dichloropropane	<250	250	24	ug/L	500	"	"	"	"	
1,3,5-Trimethylbenzene	<250	250	29	ug/L	500	"	"	"	"	
1,3-Dichlorobenzene	<250	250	28	ug/L	500	"	"	"	"	
1,3-Dichloropropane	<250	250	32	ug/L	500	"	"	"	"	
1,4-Dichlorobenzene	<250	250	29	ug/L	500	"	"	"	"	
2,2-Dichloropropane	<250	250	38	ug/L	500	"	"	"	"	
2-Chlorotoluene	<250	250	30	ug/L	500	"	"	"	"	
4-Chlorotoluene	<250	250	30	ug/L	500	"	"	"	"	
Acetone	<5000	5000	1000	ug/L	500	"	"	"	"	
Allyl chloride	<500	500	140	ug/L	500	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-05 (0400636-07) Groundwater Sampled: 05/11/04 12:20 Received: 05/12/04 16:30

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**1100**	250	34	ug/L	500	B4E2020	05/20/04	05/20/04	EPA 8021B	
Bromobenzene	<250	250	20	ug/L	500	"	"	"	"	
Bromochloromethane	<250	250	30	ug/L	500	"	"	"	"	
Bromodichloromethane	<250	250	32	ug/L	500	"	"	"	"	
Bromoform	<250	250	19	ug/L	500	"	"	"	"	
Bromomethane	<1000	1000	29	ug/L	500	"	"	"	"	
Carbon tetrachloride	<250	250	12	ug/L	500	"	"	"	"	
Chlorobenzene	<250	250	32	ug/L	500	"	"	"	"	
Chloroethane	<500	500	37	ug/L	500	"	"	"	"	
Chloroform	<250	250	30	ug/L	500	"	"	"	"	
Chloromethane	<500	500	37	ug/L	500	"	"	"	"	
cis-1,2-Dichloroethene	<250	250	28	ug/L	500	"	"	"	"	
cis-1,3-Dichloropropene	<250	250	32	ug/L	500	"	"	"	"	
Dibromochloromethane	<250	250	28	ug/L	500	"	"	"	"	
Dibromomethane	<250	250	16	ug/L	500	"	"	"	"	
Dichlorodifluoromethane	<1000	1000	32	ug/L	500	"	"	"	"	
Dichlorofluoromethane	<1000	1000	120	ug/L	500	"	"	"	"	
Ethyl ether	<2500	2500	130	ug/L	500	"	"	"	"	
Ethylbenzene	**1100**	250	32	ug/L	500	"	"	"	"	
Hexachlorobutadiene	<250	250	24	ug/L	500	"	"	"	"	
Isopropylbenzene	<250	250	32	ug/L	500	"	"	"	"	
Methyl ethyl ketone	<2500	2500	180	ug/L	500	"	"	"	"	
Methyl isobutyl ketone	<2500	2500	120	ug/L	500	"	"	"	"	
Methyl tert-butyl ether	<250	250	120	ug/L	500	"	"	"	"	
Methylene chloride	<2500	2500	220	ug/L	500	"	"	"	"	
Naphthalene	<250	250	22	ug/L	500	"	"	"	"	
n-Butylbenzene	<250	250	31	ug/L	500	"	"	"	"	
n-Propylbenzene	<250	250	35	ug/L	500	"	"	"	"	
o-Xylene	**1200**	250	31	ug/L	500	"	"	"	"	
p,m-Xylene	**3300**	500	65	ug/L	500	"	"	"	"	
p-Isopropyltoluene	<250	250	32	ug/L	500	"	"	"	"	
sec-Butylbenzene	<250	250	34	ug/L	500	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-05 (0400636-07) Groundwater Sampled: 05/11/04 12:20 Received: 05/12/04 16:30										
Styrene	<250	250	30	ug/L	500	B4E2020	05/20/04	05/20/04	EPA 8021B	
tert-Butylbenzene	<250	250	32	ug/L	500	"	"	"	"	
Tetrachloroethene	<250	250	38	ug/L	500	"	"	"	"	
Tetrahydrofuran	<2500	2500	140	ug/L	500	"	"	"	"	
Toluene	**9300**	250	34	ug/L	500	"	"	"	"	
trans-1,2-Dichloroethene	<250	250	30	ug/L	500	"	"	"	"	
trans-1,3-Dichloropropene	<250	250	30	ug/L	500	"	"	"	"	
Trichloroethene	<250	250	37	ug/L	500	"	"	"	"	
Trichlorofluoromethane	<500	500	30	ug/L	500	"	"	"	"	
Trichlorotrifluoroethane	<2500	2500	80	ug/L	500	"	"	"	"	
Vinyl chloride	<250	250	32	ug/L	500	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*95.0*			*80-120 %*		"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

GRO/8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4E1403 - EPA 5030 Water (Purge and Trap)										
Blank (B4E1403-BLK1)				Prepared & Analyzed: 05/14/04						
Benzene	<1.0	1.0	ug/L							
Ethylbenzene	<1.0	1.0	ug/L							
Gasoline range organics	<100	100	ug/L							
Toluene	<1.0	1.0	ug/L							
Xylenes (total)	<3.0	3.0	ug/L							
Surrogate: 4-Fluorochlorobenzene	*26.9*		*ug/L*	*25.0*		108	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*26.9*		*ug/L*	*25.0*		108	*80-120*			
LCS (B4E1403-BS1)				Prepared & Analyzed: 05/14/04						
Benzene	50.8	1.0	ug/L	50.0		102	80-120			
Ethylbenzene	54.6	1.0	ug/L	50.0		109	80-120			
Gasoline range organics	514	100	ug/L	500		103	80-120			
Toluene	52.6	1.0	ug/L	50.0		105	80-120			
Xylenes (total)	167	3.0	ug/L	150		111	80-120			
Surrogate: 4-Fluorochlorobenzene	*27.6*		*ug/L*	*25.0*		110	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*27.6*		*ug/L*	*25.0*		110	*80-120*			
LCS Dup (B4E1403-BSD1)				Prepared: 05/14/04 Analyzed: 05/15/04						
Benzene	52.6	1.0	ug/L	50.0		105	80-120	3.48	20	
Ethylbenzene	54.3	1.0	ug/L	50.0		109	80-120	0.551	20	
Gasoline range organics	508	100	ug/L	500		102	80-120	1.17	20	
Toluene	53.5	1.0	ug/L	50.0		107	80-120	1.70	20	
Xylenes (total)	165	3.0	ug/L	150		110	80-120	1.20	20	
Surrogate: 4-Fluorochlorobenzene	*26.6*		*ug/L*	*25.0*		106	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*26.6*		*ug/L*	*25.0*		106	*80-120*			
Duplicate (B4E1403-DUP1)		**Source: 0400656-01**		Prepared: 05/14/04 Analyzed: 05/15/04						
Gasoline range organics	<100	100	ug/L		<100			NA	20	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

GRO/8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4E1403 - EPA 5030 Water (Purge and Trap)										
Duplicate (B4E1403-DUP1)		**Source: 0400656-01**		Prepared: 05/14/04		Analyzed: 05/15/04				
Surrogate: 4-Fluorochlorobenzene	*21.2*		*ug/L*	*25.0*		84.8	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*21.2*		*ug/L*	*25.0*		84.8	*80-120*			
Matrix Spike (B4E1403-MS1)		**Source: 0400656-01**		Prepared: 05/14/04		Analyzed: 05/15/04				
Benzene	49.4	1.0	ug/L	50.0	<1.0	98.8	80-120			
Ethylbenzene	51.3	1.0	ug/L	50.0	<1.0	102	80-120			
Toluene	50.1	1.0	ug/L	50.0	<1.0	100	80-120			
Xylenes (total)	155	3.0	ug/L	150	<3.0	103	80-120			
Surrogate. 4-Fluorochlorobenzene	*25.1*		*ug/L*	*25.0*		100	*80-120*			

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4E2020 - EPA 5030 Water (Purge and Trap)										
Blank (B4E2020-BLK1)				Prepared & Analyzed: 05/20/04						
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethene	<0.50	0.50	ug/L							
1,1-Dichloropropene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
Acetone	<10	10	ug/L							

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Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4E2020 - EPA 5030 Water (Purge and Trap)										
Blank (B4E2020-BLK1)				Prepared & Analyzed: 05/20/04						
Allyl chloride	<1.0	1.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<2.0	2.0	ug/L							
Carbon tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<1.0	1.0	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<1.0	1.0	ug/L							
cis-1,2-Dichloroethene	<0.50	0.50	ug/L							
cis-1,3-Dichloropropene	<0.50	0.50	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
Dichlorodifluoromethane	<2.0	2.0	ug/L							
Dichlorofluoromethane	<2.0	2.0	ug/L							
Ethyl ether	<5.0	5.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Hexachlorobutadiene	<0.50	0.50	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
Methyl ethyl ketone	<5.0	5.0	ug/L							
Methyl isobutyl ketone	<5.0	5.0	ug/L							

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Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4E2020 - EPA 5030 Water (Purge and Trap)										
Blank (B4E2020-BLK1)				Prepared & Analyzed: 05/20/04						
Methyl tert-butyl ether	<0.50	0.50	ug/L							
Methylene chloride	<5.0	5.0	ug/L							
Naphthalene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
p,m-Xylene	<1.0	1.0	ug/L							
p-Isopropyltoluene	<0.50	0.50	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
Tetrachloroethene	<0.50	0.50	ug/L							
Tetrahydrofuran	<5.0	5.0	ug/L							
Toluene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropene	<0.50	0.50	ug/L							
Trichloroethene	<0.50	0.50	ug/L							
Trichlorofluoromethane	<1.0	1.0	ug/L							
Trichlorotrifluoroethane	<5.0	5.0	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
Surrogate: 4-Fluorochlorobenzene	*9.53*		*ug/L*	*10.0*		95.3	*80-120*			
LCS (B4E2020-BS1)				Prepared & Analyzed: 05/20/04						
1,1-Dichloroethene	9.97		ug/L	10.0		99.7	75-120			
Trichloroethene	9.95		ug/L	10.0		99.5	78.2-123			

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4E2020 - EPA 5030 Water (Purge and Trap)										
LCS (B4E2020-BS1)				Prepared & Analyzed: 05/20/04						
Surrogate: 4-Fluorochlorobenzene	*9.09*		*ug/L*	*10.0*		90.9	*80-120*			
Matrix Spike (B4E2020-MS1)		**Source: 0400636-01**		Prepared & Analyzed: 05/20/04						
1,1-Dichloroethene	10.1		ug/L	10.0	<	101	75-120			
Trichloroethene	9.78		ug/L	10.0	<	97.8	80-120			
Surrogate: 4-Fluorochlorobenzene	*8.97*		*ug/L*	*10.0*		89.7	*80-120*			
Matrix Spike Dup (B4E2020-MSD1)		**Source: 0400636-01**		Prepared: 05/20/04 Analyzed: 05/21/04						
1,1-Dichloroethene	10.3		ug/L	10.0	<	103	75-120	1.96	20	
Trichloroethene	9.47		ug/L	10.0	<	94.7	80-120	3.22	20	
Surrogate: 4-Fluorochlorobenzene	*9.00*		*ug/L*	*10.0*		90.0	*80-120*			

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	June 08, 2004

Notes and Definitions

H	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
<	Less than value listed
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
NA	Not applicable. The %RPD is not calculated from values less than the reporting limit.

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Page 1 of 1

LEGEND TECHNICAL SERVICES, INC.

775 Vandalia Street, St. Paul, MN 55114 - Telephone: 651-642-1150, Fax: 651-642-1239

CHAIN-OF-CUSTODY RECORD

Client Name: COTTAM ENVIRONMENTAL	Bill To: SAME	LEGEND Project #: 0400 636
Address: 728 JAMES CIRCLE DR ALEXANDRIA, MN 56308	Address:	Turnaround Time: ☒ Normal ☐ RUSH Date:
Attn: NATE OR SCOTT	PO #:	Condition Received: ☐ Received at 10.9 °C ☒ Received on ice ☐ Received on blue ice ☐ Received ambient ☐ No temp. blank ☐ Acceptable
Phone: 320-846-4668	Fax: 605-882-4152	
Project Name: KC KWIK STOP	Project #: BROOTEN, MN	

Item No.	Field ID No.	Sample Description	Collection Date	Collection Time	Sample Matrix	Lab ID No.	Number of Containers	Analysis: BTEX	Analysis: VOC's	Analysis: GRO	Analysis: 1	Analysis	Analysis
1	MW-01	WATER	5/11/04	0745		-1	6		✓	✓			
2	07			0750		-2	3	✓		✓			
3	02			0843		-3	6		✓	✓			
4	06			0927		-4	6		✓	✓			
5	04			1032		-5	6		✓	✓			
6	03			1130		-6	6		✓	✓			
7	05			1220		-7	6		✓	✓			
8	TRIP BLANK						1	✓					
9	TRIP BLANK						1						
10	~~05~~			1									

Sample Collector (please print): SCOTT HUNKE	Item No	Relinquished By:	Date: 5/11/04	Time: 1700	Accepted By:	Date:	Time
Comments:	Item No	Relinquished By.	Date:	Time.	Received By Lab: VA By Legend	Date: 5-12-04	Time 16:3

PLEASE REVIEW TERMS AND CONDITIONS ON BACK BEFORE SIGNING

Form LAB-268 (02/03)

White Copy - Original Accompanies Shipment to Lab **Yellow Copy** - Lab **Pink Copy** - Customer or Field Copy

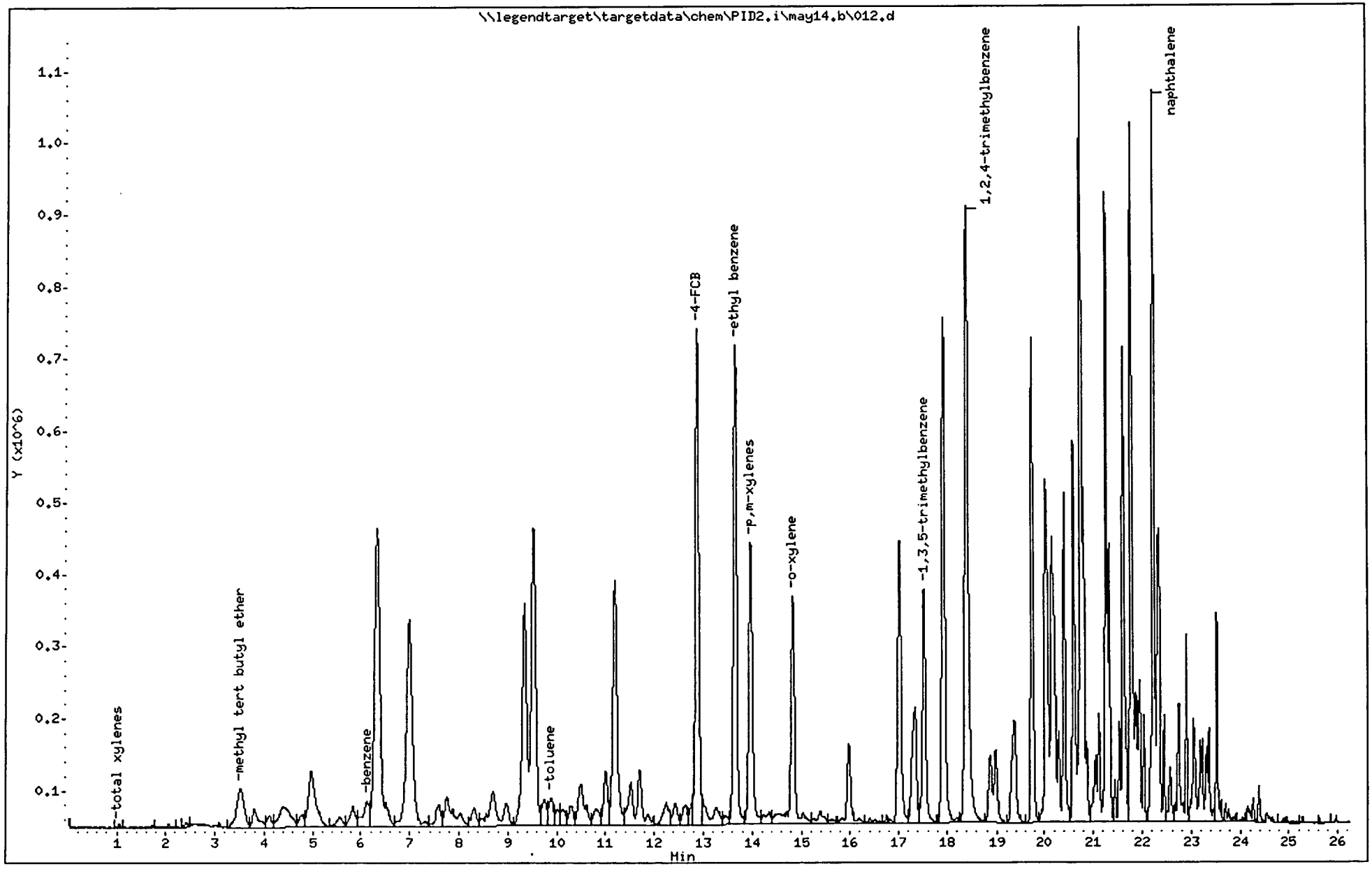
Data File: \\legendtarget\targetdata\chem\PID2.i\may14.b\012.d
Date : 14-MAY-2004 21:07
Client ID:
Sample Info: 0400636-05

Column phase:

Instrument: PID2.i

Operator: YTP
Column diameter: 2.00

GRO MW-04



LEGEND
Technical Services, Inc.
www.legend-group.com

775 Vandalia Street
St. Paul, MN 55114
Tel: 651.642.1150
Fax: 651.642.1239

August 17, 2004

Mr. Nate Hunke
Coteau Environmental
728 Janes Circle Drive SW
Alexandria, MN 56308

Work Order Number: 0402140
RE: KC-Kwik Stop-Brooten, MN

Enclosed are the results of analyses for samples received by the laboratory on 08/04/04. If you have any questions concerning this report, please feel free to contact me.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

Minnesota Certification # 027-123-295

Prepared by,
LEGEND TECHNICAL SERVICES, INC

Karla Reps
Client Representative

Chris Bremer
Laboratory Director

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Technical Services, Inc.

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

GRO/8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0402140-01) Groundwater Sampled: 08/02/04 09:03 Received: 08/04/04 16:45										
Gasoline range organics	<100	100	16	ug/L	1	B4H0602	08/06/04	08/06/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*95.2*			*80-120 %*		"	"	"	"	
MW-02 (0402140-02) Groundwater Sampled: 08/02/04 09:50 Received: 08/04/04 16:45										
Gasoline range organics	<100	100	16	ug/L	1	B4H0602	08/06/04	08/06/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*99.6*			*80-120 %*		"	"	"	"	
MW-06 (0402140-03) Groundwater Sampled: 08/02/04 10:42 Received: 08/04/04 16:45										
Gasoline range organics	<100	100	16	ug/L	1	B4H0602	08/06/04	08/06/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*92.4*			*80-120 %*		"	"	"	"	
MW-04 (0402140-04) Groundwater Sampled: 08/02/04 11:38 Received: 08/04/04 16:45										
Gasoline range organics	**710**	100	16	ug/L	1	B4H0602	08/06/04	08/06/04	Wisc Mod GRO	H
Surrogate: 4-Fluorochlorobenzene	*100*			*80-120 %*		"	"	"	"	
MW-03 (0402140-05) Groundwater Sampled: 08/02/04 12:25 Received: 08/04/04 16:45										
Gasoline range organics	**260**	100	16	ug/L	1	B4H0602	08/06/04	08/06/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*96.8*			*80-120 %*		"	"	"	"	
MW-05 (0402140-06) Groundwater Sampled: 08/02/04 13:35 Received: 08/04/04 16:45										
Gasoline range organics	**26000**	5000	800	ug/L	50	B4H0602	08/06/04	08/09/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*99.2*			*80-120 %*		"	"	*08/06/04*	"	
MW-07 (0402140-07) Groundwater Sampled: 08/02/04 13:40 Received: 08/04/04 16:45										
Benzene	**1200**	5.0	0.23	ug/L	5	B4H0602	08/06/04	08/06/04	EPA 8021B	
Ethylbenzene	**840**	5.0	0.20	ug/L	5	"	"	"	"	
Toluene	**9300**	50	0.80	ug/L	50	"	"	08/09/04	"	
Xylenes (total)	**3700**	15	0.85	ug/L	5	"	"	08/06/04	"	
Surrogate: 4-Fluorochlorobenzene	*102*			*80-120 %*		"	"	"	"	
Gasoline range organics	**29000**	5000	800	ug/L	50	"	"	08/09/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*102*			*80-120 %*		"	"	*08/06/04*	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
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Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

GRO/8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0402140-08) Groundwater	**Sampled: 08/02/04 00:00**			**Received: 08/04/04 16:45**						
Benzene	<1.0	1.0	0.046	ug/L	1	B4H0602	08/06/04	08/06/04	EPA 8021B	
Ethylbenzene	<1.0	1.0	0.040	ug/L	1	"	"	"	"	
Toluene	<1.0	1.0	0.016	ug/L	1	"	"	"	"	
Xylenes (total)	<3.0	3.0	0.17	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*92.8*			*80-120*	*%*	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
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Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0402140-01) Groundwater Sampled: 08/02/04 09:03 Received: 08/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4H0910	08/09/04	08/09/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental 728 Janes Circle Drive SW Alexandria MN, 56308	Project: KC-Kwik Stop-Brooten, MN Project Number: KC Kwik Stop-Brooten, MN Project Manager: Mr. Nate Hunke	**Date Reported:** August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-01 (0402140-01) Groundwater Sampled: 08/02/04 09:03 Received: 08/04/04 16:45

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	B4H0910	08/09/04	08/09/04	EPA 8021B	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	<0.50	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0402140-01) Groundwater Sampled: 08/02/04 09:03 Received: 08/04/04 16:45										
Trichloroethene	<0.50	0.50	0.074	ug/L	1	B4H0910	08/09/04	08/09/04	EPA 8021B	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*100*			*75-120*	*%*	"	"	"	"	
MW-02 (0402140-02) Groundwater Sampled: 08/02/04 09:50 Received: 08/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-02 (0402140-02) Groundwater Sampled: 08/02/04 09:50 Received: 08/04/04 16:45										
Benzene	<0.50	0.50	0.067	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	<0.50	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-02 (0402140-02) Groundwater Sampled: 08/02/04 09:50 Received: 08/04/04 16:45										
Styrene	<0.50	0.50	0.060	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
tert-Butylbenzene	**0.62**	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*98.8*			*75-120*	*%*	"	"	"	"	
MW-06 (0402140-03) Groundwater Sampled: 08/02/04 10:42 Received: 08/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-06 (0402140-03) Groundwater Sampled: 08/02/04 10:42 Received: 08/04/04 16:45										
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-06 (0402140-03) Groundwater Sampled: 08/02/04 10:42 Received: 08/04/04 16:45										
Naphthalene	<0.50	0.50	0.045	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*99.3*			*75-120*	*%*	"	"	"	"	
MW-04 (0402140-04) Groundwater Sampled: 08/02/04 11:38 Received: 08/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	**41**	2.5	0.30	ug/L	5	"	"	08/11/04	"	

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Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	August 17, 2004
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-04 (0402140-04) Groundwater Sampled: 08/02/04 11:38 Received: 08/04/04 16:45										
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	**0.96**	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	**Date Reported:**
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-04 (0402140-04) Groundwater Sampled: 08/02/04 11:38 Received: 08/04/04 16:45

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Ethylbenzene	**5.9**	0.50	0.064	ug/L	1	B4H0910	08/09/04	08/10/04	EPA 8021B	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	**5.5**	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	**15**	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	**7.7**	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	**16**	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	**7.1**	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	**3.2**	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	**0.86**	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	**4.9**	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	**0.73**	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*99.8*			*75-120 %*		"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651 642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0402140-05) Groundwater Sampled: 08/02/04 12:25 Received: 08/04/04 16:45										
1,1,1,2-Tetrachloroethane	<10	10	0.66	ug/L	10	B4H0910	08/09/04	08/11/04	EPA 8021B	
1,1,1-Trichloroethane	<5.0	5.0	0.65	ug/L	10	"	"	"	"	
1,1,2,2-Tetrachloroethane	<5.0	5.0	0.57	ug/L	10	"	"	"	"	
1,1,2-Trichloroethane	<5.0	5.0	0.52	ug/L	10	"	"	"	"	
1,1-Dichloroethane	<5.0	5.0	0.57	ug/L	10	"	"	"	"	
1,1-Dichloroethene	<5.0	5.0	0.61	ug/L	10	"	"	"	"	
1,1-Dichloropropene	<5.0	5.0	0.52	ug/L	10	"	"	"	"	
1,2,3-Trichlorobenzene	<5.0	5.0	0.26	ug/L	10	"	"	"	"	
1,2,3-Trichloropropane	<5.0	5.0	0.60	ug/L	10	"	"	"	"	
1,2,4-Trichlorobenzene	<5.0	5.0	0.22	ug/L	10	"	"	"	"	
1,2,4-Trimethylbenzene	**19**	5.0	0.59	ug/L	10	"	"	"	"	
1,2-Dibromo-3-chloropropane	<5.0	5.0	0.25	ug/L	10	"	"	"	"	
1,2-Dibromoethane (EDB)	<5.0	5.0	0.39	ug/L	10	"	"	"	"	
1,2-Dichlorobenzene	<5.0	5.0	0.62	ug/L	10	"	"	"	"	
1,2-Dichloroethane	<5.0	5.0	0.54	ug/L	10	"	"	"	"	
1,2-Dichloropropane	<5.0	5.0	0.48	ug/L	10	"	"	"	"	
1,3,5-Trimethylbenzene	<5.0	5.0	0.58	ug/L	10	"	"	"	"	
1,3-Dichlorobenzene	<5.0	5.0	0.57	ug/L	10	"	"	"	"	
1,3-Dichloropropane	<5.0	5.0	0.64	ug/L	10	"	"	"	"	
1,4-Dichlorobenzene	<5.0	5.0	0.58	ug/L	10	"	"	"	"	
2,2-Dichloropropane	<5.0	5.0	0.75	ug/L	10	"	"	"	"	
2-Chlorotoluene	<5.0	5.0	0.60	ug/L	10	"	"	"	"	
4-Chlorotoluene	<5.0	5.0	0.59	ug/L	10	"	"	"	"	
Acetone	<100	100	20	ug/L	10	"	"	"	"	
Allyl chloride	<10	10	2.7	ug/L	10	"	"	"	"	
Benzene	<5.0	5.0	0.67	ug/L	10	"	"	"	"	
Bromobenzene	<5.0	5.0	0.39	ug/L	10	"	"	"	"	
Bromochloromethane	<5.0	5.0	0.61	ug/L	10	"	"	"	"	
Bromodichloromethane	<5.0	5.0	0.64	ug/L	10	"	"	"	"	
Bromoform	<5.0	5.0	0.38	ug/L	10	"	"	"	"	
Bromomethane	<20	20	0.58	ug/L	10	"	"	"	"	
Carbon tetrachloride	<5.0	5.0	0.25	ug/L	10	"	"	"	"	

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Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-03 (0402140-05) Groundwater Sampled: 08/02/04 12:25 Received: 08/04/04 16:45

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorobenzene	<5.0	5.0	0.64	ug/L	10	B4H0910	08/09/04	08/11/04	EPA 8021B	
Chloroethane	<10	10	0.74	ug/L	10	"	"	"	"	
Chloroform	<5.0	5.0	0.61	ug/L	10	"	"	"	"	
Chloromethane	<20	20	0.74	ug/L	10	"	"	"	"	
cis-1,2-Dichloroethene	<5.0	5.0	0.55	ug/L	10	"	"	"	"	
cis-1,3-Dichloropropene	<5.0	5.0	0.64	ug/L	10	"	"	"	"	
Dibromochloromethane	<5.0	5.0	0.55	ug/L	10	"	"	"	"	
Dibromomethane	<5.0	5.0	0.33	ug/L	10	"	"	"	"	
Dichlorodifluoromethane	<20	20	0.63	ug/L	10	"	"	"	"	
Dichlorofluoromethane	<20	20	2.3	ug/L	10	"	"	"	"	
Ethyl ether	<50	50	2.6	ug/L	10	"	"	"	"	
Ethylbenzene	**51**	5.0	0.64	ug/L	10	"	"	"	"	
Hexachlorobutadiene	<5.0	5.0	0.49	ug/L	10	"	"	"	"	
Isopropylbenzene	<5.0	5.0	0.64	ug/L	10	"	"	"	"	
Methyl ethyl ketone	<50	50	3.5	ug/L	10	"	"	"	"	
Methyl isobutyl ketone	<50	50	2.3	ug/L	10	"	"	"	"	
Methyl tert-butyl ether	<5.0	5.0	2.4	ug/L	10	"	"	"	"	
Methylene chloride	<50	50	4.4	ug/L	10	"	"	"	"	
Naphthalene	<5.0	5.0	0.45	ug/L	10	"	"	"	"	
n-Butylbenzene	<5.0	5.0	0.62	ug/L	10	"	"	"	"	
n-Propylbenzene	**6.1**	5.0	0.70	ug/L	10	"	"	"	"	
o-Xylene	<5.0	5.0	0.62	ug/L	10	"	"	"	"	
p,m-Xylene	<10	10	1.3	ug/L	10	"	"	"	"	
p-Isopropyltoluene	<5.0	5.0	0.63	ug/L	10	"	"	"	"	
sec-Butylbenzene	<5.0	5.0	0.67	ug/L	10	"	"	"	"	
Styrene	<5.0	5.0	0.60	ug/L	10	"	"	"	"	
tert-Butylbenzene	<5.0	5.0	0.63	ug/L	10	"	"	"	"	
Tetrachloroethene	<5.0	5.0	0.75	ug/L	10	"	"	"	"	
Tetrahydrofuran	<50	50	2.8	ug/L	10	"	"	"	"	
Toluene	<5.0	5.0	0.69	ug/L	10	"	"	"	"	
trans-1,2-Dichloroethene	<5.0	5.0	0.59	ug/L	10	"	"	"	"	
trans-1,3-Dichloropropene	<5.0	5.0	0.59	ug/L	10	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0402140-05) Groundwater Sampled: 08/02/04 12:25 Received: 08/04/04 16:45										
Trichloroethene	<5.0	5.0	0.74	ug/L	10	B4H0910	08/09/04	08/11/04	EPA 8021B	
Trichlorofluoromethane	<10	10	0.60	ug/L	10	"	"	"	"	
Trichlorotrifluoroethane	<50	50	1.6	ug/L	10	"	"	"	"	
Vinyl chloride	<5.0	5.0	0.65	ug/L	10	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*99.4*			*75-120*	*%*	"	"	"	"	
MW-05 (0402140-06) Groundwater Sampled: 08/02/04 13:35 Received: 08/04/04 16:45										
1,1,1,2-Tetrachloroethane	<500	500	33	ug/L	500	B4H0910	08/09/04	08/10/04	EPA 8021B	
1,1,1-Trichloroethane	<250	250	32	ug/L	500	"	"	"	"	
1,1,2,2-Tetrachloroethane	<250	250	28	ug/L	500	"	"	"	"	
1,1,2-Trichloroethane	<250	250	26	ug/L	500	"	"	"	"	
1,1-Dichloroethane	<250	250	28	ug/L	500	"	"	"	"	
1,1-Dichloroethene	<250	250	30	ug/L	500	"	"	"	"	
1,1-Dichloropropene	<250	250	26	ug/L	500	"	"	"	"	
1,2,3-Trichlorobenzene	<250	250	13	ug/L	500	"	"	"	"	
1,2,3-Trichloropropane	<250	250	30	ug/L	500	"	"	"	"	
1,2,4-Trichlorobenzene	<250	250	11	ug/L	500	"	"	"	"	
1,2,4-Trimethylbenzene	**450**	250	30	ug/L	500	"	"	"	"	
1,2-Dibromo-3-chloropropane	<250	250	12	ug/L	500	"	"	"	"	
1,2-Dibromoethane (EDB)	<250	250	20	ug/L	500	"	"	"	"	
1,2-Dichlorobenzene	<250	250	31	ug/L	500	"	"	"	"	
1,2-Dichloroethane	<250	250	27	ug/L	500	"	"	"	"	
1,2-Dichloropropane	<250	250	24	ug/L	500	"	"	"	"	
1,3,5-Trimethylbenzene	<250	250	29	ug/L	500	"	"	"	"	
1,3-Dichlorobenzene	<250	250	28	ug/L	500	"	"	"	"	
1,3-Dichloropropane	<250	250	32	ug/L	500	"	"	"	"	
1,4-Dichlorobenzene	<250	250	29	ug/L	500	"	"	"	"	
2,2-Dichloropropane	<250	250	38	ug/L	500	"	"	"	"	
2-Chlorotoluene	<250	250	30	ug/L	500	"	"	"	"	
4-Chlorotoluene	<250	250	30	ug/L	500	"	"	"	"	
Acetone	<5000	5000	1000	ug/L	500	"	"	"	"	
Allyl chloride	<500	500	140	ug/L	500	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental 728 Janes Circle Drive SW Alexandria MN, 56308	Project: KC-Kwik Stop-Brooten, MN Project Number: KC Kwik Stop-Brooten, MN Project Manager: Mr. Nate Hunke	**Date Reported:** August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-05 (0402140-06) Groundwater Sampled: 08/02/04 13:35 Received: 08/04/04 16:45

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**1300**	250	34	ug/L	500	B4H0910	08/09/04	08/10/04	EPA 8021B	
Bromobenzene	<250	250	20	ug/L	500	"	"	"	"	
Bromochloromethane	<250	250	30	ug/L	500	"	"	"	"	
Bromodichloromethane	<250	250	32	ug/L	500	"	"	"	"	
Bromoform	<250	250	19	ug/L	500	"	"	"	"	
Bromomethane	<1000	1000	29	ug/L	500	"	"	"	"	
Carbon tetrachloride	<250	250	12	ug/L	500	"	"	"	"	
Chlorobenzene	<250	250	32	ug/L	500	"	"	"	"	
Chloroethane	<500	500	37	ug/L	500	"	"	"	"	
Chloroform	<250	250	30	ug/L	500	"	"	"	"	
Chloromethane	<1000	1000	37	ug/L	500	"	"	"	"	
cis-1,2-Dichloroethene	<250	250	28	ug/L	500	"	"	"	"	
cis-1,3-Dichloropropene	<250	250	32	ug/L	500	"	"	"	"	
Dibromochloromethane	<250	250	28	ug/L	500	"	"	"	"	
Dibromomethane	<250	250	16	ug/L	500	"	"	"	"	
Dichlorodifluoromethane	<1000	1000	32	ug/L	500	"	"	"	"	
Dichlorofluoromethane	<1000	1000	120	ug/L	500	"	"	"	"	
Ethyl ether	<2500	2500	130	ug/L	500	"	"	"	"	
Ethylbenzene	**870**	250	32	ug/L	500	"	"	"	"	
Hexachlorobutadiene	<250	250	24	ug/L	500	"	"	"	"	
Isopropylbenzene	<250	250	32	ug/L	500	"	"	"	"	
Methyl ethyl ketone	<2500	2500	180	ug/L	500	"	"	"	"	
Methyl isobutyl ketone	<2500	2500	120	ug/L	500	"	"	"	"	
Methyl tert-butyl ether	<250	250	120	ug/L	500	"	"	"	"	
Methylene chloride	<2500	2500	220	ug/L	500	"	"	"	"	
Naphthalene	<250	250	22	ug/L	500	"	"	"	"	
n-Butylbenzene	<250	250	31	ug/L	500	"	"	"	"	
n-Propylbenzene	<250	250	35	ug/L	500	"	"	"	"	
o-Xylene	**1100**	250	31	ug/L	500	"	"	"	"	
p,m-Xylene	**2700**	500	65	ug/L	500	"	"	"	"	
p-Isopropyltoluene	<250	250	32	ug/L	500	"	"	"	"	
sec-Butylbenzene	<250	250	34	ug/L	500	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-05 (0402140-06) Groundwater Sampled: 08/02/04 13:35 Received: 08/04/04 16:45										
Styrene	<250	250	30	ug/L	500	B4H0910	08/09/04	08/10/04	EPA 8021B	
tert-Butylbenzene	<250	250	32	ug/L	500	"	"	"	"	
Tetrachloroethene	<250	250	38	ug/L	500	"	"	"	"	
Tetrahydrofuran	<2500	2500	140	ug/L	500	"	"	"	"	
Toluene	**8800**	250	34	ug/L	500	"	"	"	"	
trans-1,2-Dichloroethene	<250	250	30	ug/L	500	"	"	"	"	
trans-1,3-Dichloropropene	<250	250	30	ug/L	500	"	"	"	"	
Trichloroethene	<250	250	37	ug/L	500	"	"	"	"	
Trichlorofluoromethane	<500	500	30	ug/L	500	"	"	"	"	
Trichlorotrifluoroethane	<2500	2500	80	ug/L	500	"	"	"	"	
Vinyl chloride	<250	250	32	ug/L	500	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*100*			*75-120 %*		"	"	"	"	

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Technical Services, Inc.

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St Paul, MN 55114
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	August 17, 2004
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	

GRO/8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0602 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0602-BLK1)				Prepared & Analyzed: 08/06/04						
Benzene	<1.0	1.0	ug/L							
Ethylbenzene	<1.0	1.0	ug/L							
Gasoline range organics	<100	100	ug/L							
Toluene	<1.0	1.0	ug/L							
Xylenes (total)	<3.0	3.0	ug/L							
Surrogate: 4-Fluorochlorobenzene	*22.5*		*ug/L*	*25.0*		90.0	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*22.5*		*ug/L*	*25.0*		90.0	*80-120*			
LCS (B4H0602-BS1)				Prepared & Analyzed: 08/06/04						
Benzene	90.8	1.0	ug/L	100		90.8	80-120			
Ethylbenzene	96.0	1.0	ug/L	100		96.0	80-120			
Gasoline range organics	1070	100	ug/L	1000		107	80-120			
Toluene	91.9	1.0	ug/L	100		91.9	80-120			
Xylenes (total)	281	3.0	ug/L	300		93.7	80-120			
Surrogate: 4-Fluorochlorobenzene	*24.0*		*ug/L*	*25.0*		96.0	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*24.0*		*ug/L*	*25.0*		96.0	*80-120*			
LCS Dup (B4H0602-BSD1)				Prepared: 08/06/04 Analyzed: 08/07/04						
Benzene	89.6	1.0	ug/L	100		89.6	80-120	1.33	20	
Ethylbenzene	93.5	1.0	ug/L	100		93.5	80-120	2.64	20	
Gasoline range organics	1080	100	ug/L	1000		108	80-120	0.930	20	
Toluene	89.5	1.0	ug/L	100		89.5	80-120	2.65	20	
Xylenes (total)	275	3.0	ug/L	300		91.7	80-120	2.16	20	
Surrogate: 4-Fluorochlorobenzene	*24.0*		*ug/L*	*25.0*		96.0	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*24.0*		*ug/L*	*25.0*		96.0	*80-120*			
Duplicate (B4H0602-DUP1)		**Source: 0402140-01**		Prepared: 08/06/04 Analyzed: 08/07/04						
Gasoline range organics	<100	100	ug/L		<100			NA	20	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

GRO/8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0602 - EPA 5030 Water (Purge and Trap)										
Duplicate (B4H0602-DUP1)		**Source: 0402140-01**		Prepared: 08/06/04		Analyzed: 08/07/04				
Surrogate: 4-Fluorochlorobenzene	*22.5*		*ug/L*	*25.0*		90.0	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*22.5*		*ug/L*	*25.0*		90.0	*80-120*			
Matrix Spike (B4H0602-MS1)		**Source: 0402140-01**		Prepared: 08/06/04		Analyzed: 08/07/04				
Benzene	89.8	1.0	ug/L	100	<1.0	89.6	80-120			
Ethylbenzene	93.7	1.0	ug/L	100	<1.0	93.3	80-120			
Toluene	89.0	1.0	ug/L	100	<1.0	89.0	80-120			
Xylenes (total)	273	3.0	ug/L	300	<3.0	91.0	80-120			
Surrogate: 4-Fluorochlorobenzene	*24.4*		*ug/L*	*25.0*		97.6	*80-120*			
Surrogate: 4-Fluorochlorobenzene	*24.4*		*ug/L*	*25.0*		97.6	*80-120*			

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Coteau Environmental 728 Janes Circle Drive SW Alexandria MN, 56308	Project: KC-Kwik Stop-Brooten, MN Project Number: KC Kwik Stop-Brooten, MN Project Manager: Mr. Nate Hunke	**Date Reported:** August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0910-BLK1)				Prepared & Analyzed: 08/09/04						
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethene	<0.50	0.50	ug/L							
1,1-Dichloropropene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
Acetone	<10	10	ug/L							

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775 Vandalia Street
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0910-BLK1)				Prepared & Analyzed: 08/09/04						
Allyl chloride	<1.0	1.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<2.0	2.0	ug/L							
Carbon tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<1.0	1.0	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<2.0	2.0	ug/L							
cis-1,2-Dichloroethene	<0.50	0.50	ug/L							
cis-1,3-Dichloropropene	<0.50	0.50	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
Dichlorodifluoromethane	<2.0	2.0	ug/L							
Dichlorofluoromethane	<2.0	2.0	ug/L							
Ethyl ether	<5.0	5.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Hexachlorobutadiene	<0.50	0.50	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
Methyl ethyl ketone	<5.0	5.0	ug/L							
Methyl isobutyl ketone	<5.0	5.0	ug/L							

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0910-BLK1)				Prepared & Analyzed: 08/09/04						
Methyl tert-butyl ether	<0.50	0.50	ug/L							
Methylene chloride	<5.0	5.0	ug/L							
Naphthalene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
p,m-Xylene	<1.0	1.0	ug/L							
p-Isopropyltoluene	<0.50	0.50	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
Tetrachloroethene	<0.50	0.50	ug/L							
Tetrahydrofuran	<5.0	5.0	ug/L							
Toluene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropene	<0.50	0.50	ug/L							
Trichloroethene	<0.50	0.50	ug/L							
Trichlorofluoromethane	<1.0	1.0	ug/L							
Trichlorotrifluoroethane	<5.0	5.0	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
Surrogate: 4-Fluorochlorobenzene	*9.48*		*ug/L*	*10.0*		94.8	*75-120*			
Blank (B4H0910-BLK2)				Prepared: 08/09/04 Analyzed: 08/10/04						
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							

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775 Vandalia Street
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0910-BLK2)				Prepared: 08/09/04 Analyzed: 08/10/04						
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethene	<0.50	0.50	ug/L							
1,1-Dichloropropene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
Acetone	<10	10	ug/L							
Allyl chloride	<1.0	1.0	ug/L							
Benzene	<0.50	0.50	ug/L							

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775 Vandalia Street
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0910-BLK2)				Prepared: 08/09/04 Analyzed: 08/10/04						
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<2.0	2.0	ug/L							
Carbon tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<1.0	1.0	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<2.0	2.0	ug/L							
cis-1,2-Dichloroethene	<0.50	0.50	ug/L							
cis-1,3-Dichloropropene	<0.50	0.50	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
Dichlorodifluoromethane	<2.0	2.0	ug/L							
Dichlorofluoromethane	<2.0	2.0	ug/L							
Ethyl ether	<5.0	5.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Hexachlorobutadiene	<0.50	0.50	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
Methyl ethyl ketone	<5.0	5.0	ug/L							
Methyl isobutyl ketone	<5.0	5.0	ug/L							
Methyl tert-butyl ether	<0.50	0.50	ug/L							
Methylene chloride	<5.0	5.0	ug/L							

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Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651 642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Blank (B4H0910-BLK2)				Prepared: 08/09/04 Analyzed: 08/10/04						
Naphthalene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
p,m-Xylene	<1.0	1.0	ug/L							
p-Isopropyltoluene	<0.50	0.50	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
Tetrachloroethene	<0.50	0.50	ug/L							
Tetrahydrofuran	<5.0	5.0	ug/L							
Toluene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropene	<0.50	0.50	ug/L							
Trichloroethene	<0.50	0.50	ug/L							
Trichlorofluoromethane	<1.0	1.0	ug/L							
Trichlorotrifluoroethane	<5.0	5.0	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
Surrogate: 4-Fluorochlorobenzene	*10.1*		*ug/L*	*10.0*		101	*75-120*			
LCS (B4H0910-BS1)				Prepared: 08/09/04 Analyzed: 08/10/04						
1,1-Dichloroethene	9.15		ug/L	10.0		91.5	75-125			
Benzene	9.55		ug/L	10.0		95.5	75-125			
Chlorobenzene	9.74		ug/L	10.0		97.4	75-125			
Toluene	9.56		ug/L	10.0		95.6	75-125			

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
LCS (B4H0910-BS1)				Prepared: 08/09/04 Analyzed: 08/10/04						
Trichloroethene	9.65		ug/L	10.0		96.5	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.75*		*ug/L*	*10.0*		87.5	*75-120*			
LCS (B4H0910-BS2)				Prepared: 08/09/04 Analyzed: 08/10/04						
1,1-Dichloroethene	8.71		ug/L	10.0		87.1	75-125			
Benzene	9.58		ug/L	10.0		95.8	75-125			
Chlorobenzene	9.59		ug/L	10.0		95.9	75-125			
Toluene	9.56		ug/L	10.0		95.6	75-125			
Trichloroethene	9.63		ug/L	10.0		96.3	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.68*		*ug/L*	*10.0*		86.8	*75-120*			
Matrix Spike (B4H0910-MS1)		**Source: 0402140-01**		Prepared: 08/09/04 Analyzed: 08/10/04						
1,1-Dichloroethene	9.76		ug/L	10.0	<	97.6	75-125			
Benzene	9.65		ug/L	10.0	<	96.5	75-125			
Chlorobenzene	9.64		ug/L	10.0	<	96.4	75-125			
Toluene	9.40		ug/L	10.0	<	94.0	75-125			
Trichloroethene	9.88		ug/L	10.0	<	98.8	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.74*		*ug/L*	*10.0*		87.4	*75-120*			
Matrix Spike (B4H0910-MS2)		**Source: 0402112-01**		Prepared: 08/09/04 Analyzed: 08/10/04						
1,1-Dichloroethene	9.40		ug/L	10.0	<	94.0	75-125			
Benzene	9.68		ug/L	10.0	<	96.8	75-125			
Chlorobenzene	9.62		ug/L	10.0	<	96.2	75-125			
Toluene	9.43		ug/L	10.0	<	94.3	75-125			
Trichloroethene	9.58		ug/L	10.0	<	95.8	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.66*		*ug/L*	*10.0*		86.6	*75-120*			
Matrix Spike Dup (B4H0910-MSD1)		**Source: 0402140-01**		Prepared: 08/09/04 Analyzed: 08/10/04						

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4H0910 - EPA 5030 Water (Purge and Trap)										
Matrix Spike Dup (B4H0910-MSD1)		**Source: 0402140-01**		Prepared: 08/09/04		Analyzed: 08/10/04				
1,1-Dichloroethene	9.70		ug/L	10.0	<	97.0	75-125	0.617	20	
Benzene	9.64		ug/L	10.0	<	96.4	75-125	0.104	20	
Chlorobenzene	9.60		ug/L	10.0	<	96.0	75-125	0.416	20	
Toluene	9.37		ug/L	10.0	<	93.7	75-125	0.320	20	
Trichloroethene	9.87		ug/L	10.0	<	98.7	75-125	0.101	20	
Surrogate: 4-Fluorochlorobenzene	*8.65*		*ug/L*	*10.0*		86.5	*75-120*			
Matrix Spike Dup (B4H0910-MSD2)		**Source: 0402112-01**		Prepared: 08/09/04		Analyzed: 08/10/04				
1,1-Dichloroethene	9.20		ug/L	10.0	<	92.0	75-125	2.15	20	
Benzene	9.69		ug/L	10.0	<	96.9	75-125	0.103	20	
Chlorobenzene	9.62		ug/L	10.0	<	96.2	75-125	0.00	20	
Toluene	9.40		ug/L	10.0	<	94.0	75-125	0.319	20	
Trichloroethene	9.16		ug/L	10.0	<	91.6	75-125	4.48	20	
Surrogate: 4-Fluorochlorobenzene	*8.67*		*ug/L*	*10.0*		86.7	*75-120*			

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LEGEND
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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Nate Hunke	August 17, 2004

Notes and Definitions

H	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
<	Less than value listed
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
NA	Not applicable. The %RPD is not calculated from values less than the reporting limit.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

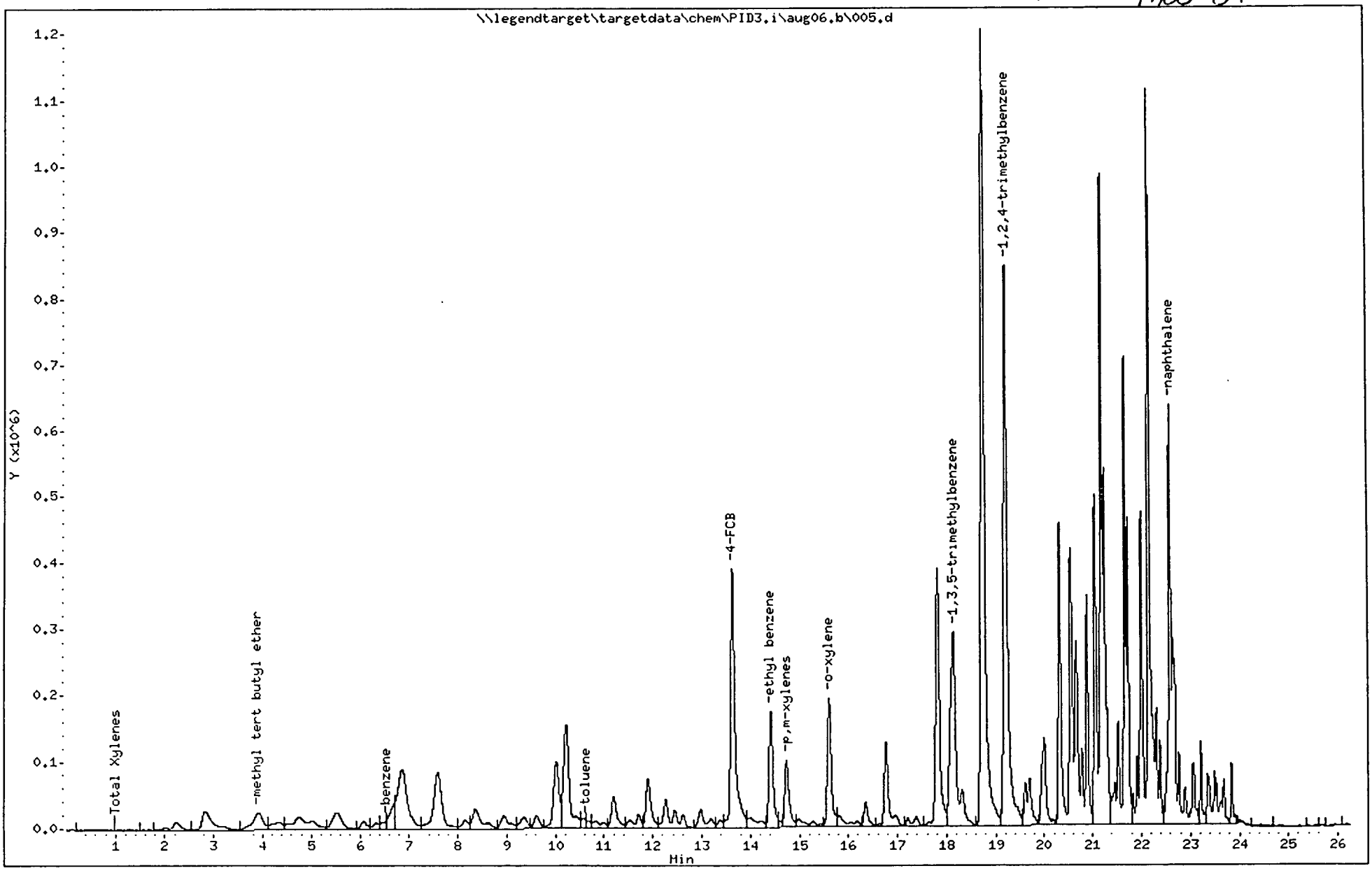
Data File: \\legendtarget\targetdata\chem\PID3.i\aug06.b\005.d
Date : 06-AUG-2004 14:19
Client ID:
Sample Info: 0402140-04

Instrument: PID3.i

Operator: YTP
Column diameter: 2.00

Column phase:

GRO MW-04



Page 1 of 1

LEGEND TECHNICAL SERVICES, INC.

775 Vandalia Street, St. Paul, MN 55114 - Telephone: 651-642-1150, Fax: 651-642-1239

CHAIN-OF-CUSTODY RECORD

Client Name: COTEAU ENVIRONMENTAL

Address: 728 JANES CIRCLE DR ALEXANDRIA, MN 56308

Attn: NATE OR SCOTT

Phone: 320-846-4668

Bill To: SAME

Address:

PO #:

Fax. 605-882-4152

Project Name: KC KWIK STOP

Project #: BRODTEN, MN

LEGEND Project #: 0402140

Turnaround Time:
- [x] Normal
- [ ] RUSH Date: _____

Condition Received:
- [ ] Received at 10.6 °C
- [x] Received on ice
- [ ] Received on blue ice
- [ ] Received ambient
- [ ] No temp. blank
- [ ] Acceptable

Item No.	Field ID No.	Sample Description	Collection Date	Collection Time	Sample Matrix	Lab ID No.	Number of Containers	Analysis: VOC's	Analysis: GRO	Analysis: BTEX			
1	MW-01	WATER	8/2/04	0903	WATER	-1	6	✓	✓				
2	02			0950		-2	6	✓	✓				
3	06			1042		-3	6	✓	✓				
4	04			1138		-4	6	✓	✓				
5	03			1225		-5	6	✓	✓				
6	05			1335		-6	6	✓	✓				
7	07		↓	1340		-7	3		✓	✓			
8	TRIP BLANK					-8	1			✓			
9	TEMP BLANK						1						
10													

Sample Collector (please print):	Item No	Relinquished By:	Date:	Time.	Accepted By:	Date:	Time:
SCOTT HUNKE			8/3/04	0800			
Comments:	**Item No.**	**Relinquished By:**	**Date:**	**Time:**	**Received By Lab:**	**Date:**	**Time.**
					VY Kay Lejan	8/4/04	16:45

PLEASE REVIEW TERMS AND CONDITIONS ON BACK BEFORE SIGNING

Form LAB-268 (02/03)

White Copy - Original Accompanies Shipment to Lab **Yellow Copy** - Lab **Pink Copy** - Customer or Field Copy

LEGEND
Technical Services, Inc.
www.legend-group.com

775 Vandalia Street
St. Paul, MN 55114
Tel: 651.642.1150
Fax: 651.642.1239

November 19, 2004

Mr. Scott Hunke
Coteau Environmental
728 Janes Circle Drive SW
Alexandria, MN 56308

Work Order Number: 0403756
RE: KC-Kwik Stop-Brooten, MN

Enclosed are the results of analyses for samples received by the laboratory on 11/04/04. If you have any questions concerning this report, please feel free to contact me.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

Minnesota Certification # 027-123-295

Prepared by,
LEGEND TECHNICAL SERVICES, INC

Karla Reps
Client Representative

Chris Bremer
Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	November 19, 2004
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	

GRO/8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0403756-01) Groundwater Sampled: 11/03/04 07:54 Received: 11/04/04 16:45										
Gasoline range organics	<100	100	29	ug/L	1	B4K1003	11/10/04	11/10/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*90.8*			*80-120 %*		"	"	"	"	
MW-02 (0403756-02) Groundwater Sampled: 11/03/04 08:46 Received: 11/04/04 16:45										
Gasoline range organics	<100	100	29	ug/L	1	B4K1003	11/10/04	11/10/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*91.6*			*80-120 %*		"	"	"	"	
MW-06 (0403756-03) Groundwater Sampled: 11/03/04 09:42 Received: 11/04/04 16:45										
Gasoline range organics	<100	100	29	ug/L	1	B4K1108	11/11/04	11/11/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*81.2*			*80-120 %*		"	"	"	"	
MW-04 (0403756-04) Groundwater Sampled: 11/03/04 10:38 Received: 11/04/04 16:45										
Gasoline range organics	**640**	100	29	ug/L	1	B4K1002	11/10/04	11/10/04	Wisc Mod GRO	H
Surrogate: 4-Fluorochlorobenzene	*106*			*80-120 %*		"	"	"	"	
MW-03 (0403756-05) Groundwater Sampled: 11/03/04 11:40 Received: 11/04/04 16:45										
Gasoline range organics	**740**	100	29	ug/L	1	B4K1002	11/10/04	11/11/04	Wisc Mod GRO	H
Surrogate: 4-Fluorochlorobenzene	*97.6*			*80-120 %*		"	"	"	"	
MW-05 (0403756-06) Groundwater Sampled: 11/03/04 12:32 Received: 11/04/04 16:45										
Gasoline range organics	**19000**	1000	290	ug/L	10	B4K1002	11/10/04	11/11/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*104*			*80-120 %*		"	"	"	"	
MW-07 (0403756-07) Groundwater Sampled: 11/03/04 12:37 Received: 11/04/04 16:45										
Gasoline range organics	**21000**	2500	720	ug/L	25	B4K1108	11/11/04	11/11/04	Wisc Mod GRO	
Surrogate: 4-Fluorochlorobenzene	*103*			*80-120 %*		"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0403756-01) Groundwater Sampled: 11/03/04 07:54 Received: 11/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0403756-01) Groundwater Sampled: 11/03/04 07:54 Received: 11/04/04 16:45										
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	<0.50	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	

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Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-01 (0403756-01) Groundwater Sampled: 11/03/04 07:54 Received: 11/04/04 16:45										
Trichloroethene	<0.50	0.50	0.074	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*110*			*75-120*	*%*	"	"	"	"	
MW-02 (0403756-02) Groundwater Sampled: 11/03/04 08:46 Received: 11/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental 728 Janes Circle Drive SW Alexandria MN, 56308	Project: KC-Kwik Stop-Brooten, MN Project Number: KC Kwik Stop-Brooten, MN Project Manager: Mr. Scott Hunke	**Date Reported:** November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-02 (0403756-02) Groundwater Sampled: 11/03/04 08:46 Received: 11/04/04 16:45

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	<0.50	0.50	0.067	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	<0.50	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-02 (0403756-02) Groundwater Sampled: 11/03/04 08:46 Received: 11/04/04 16:45										
Styrene	<0.50	0.50	0.060	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*114*			*75-120 %*		"	"	"	"	
MW-06 (0403756-03) Groundwater Sampled: 11/03/04 09:42 Received: 11/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	November 19, 2004
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-06 (0403756-03) Groundwater Sampled: 11/03/04 09:42 Received: 11/04/04 16:45										
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	<5.0	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-06 (0403756-03) Groundwater Sampled: 11/03/04 09:42 Received: 11/04/04 16:45										
Naphthalene	<0.50	0.50	0.045	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
n-Butylbenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	<0.50	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	<0.50	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*118*			*75-120*	*%*	"	"	"	"	
MW-04 (0403756-04) Groundwater Sampled: 11/03/04 10:38 Received: 11/04/04 16:45										
1,1,1,2-Tetrachloroethane	<1.0	1.0	0.066	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,1,1-Trichloroethane	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1,2-Trichloroethane	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,1-Dichloroethane	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,1-Dichloroethene	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
1,1-Dichloropropene	<0.50	0.50	0.052	ug/L	1	"	"	"	"	
1,2,3-Trichlorobenzene	<0.50	0.50	0.026	ug/L	1	"	"	"	"	
1,2,3-Trichloropropane	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
1,2,4-Trichlorobenzene	<0.50	0.50	0.022	ug/L	1	"	"	"	"	
1,2,4-Trimethylbenzene	**25**	0.50	0.059	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-04 (0403756-04) Groundwater Sampled: 11/03/04 10:38 Received: 11/04/04 16:45										
1,2-Dibromo-3-chloropropane	<0.50	0.50	0.025	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,2-Dibromoethane (EDB)	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
1,2-Dichlorobenzene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
1,2-Dichloroethane	<0.50	0.50	0.054	ug/L	1	"	"	"	"	
1,2-Dichloropropane	<0.50	0.50	0.048	ug/L	1	"	"	"	"	
1,3,5-Trimethylbenzene	**8.7**	0.50	0.058	ug/L	1	"	"	"	"	
1,3-Dichlorobenzene	<0.50	0.50	0.057	ug/L	1	"	"	"	"	
1,3-Dichloropropane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
1,4-Dichlorobenzene	<0.50	0.50	0.058	ug/L	1	"	"	"	"	
2,2-Dichloropropane	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
2-Chlorotoluene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
4-Chlorotoluene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Acetone	<10	10	2.0	ug/L	1	"	"	"	"	
Allyl chloride	<1.0	1.0	0.27	ug/L	1	"	"	"	"	
Benzene	**2.9**	0.50	0.067	ug/L	1	"	"	"	"	
Bromobenzene	<0.50	0.50	0.039	ug/L	1	"	"	"	"	
Bromochloromethane	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Bromodichloromethane	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Bromoform	<0.50	0.50	0.038	ug/L	1	"	"	"	"	
Bromomethane	<2.0	2.0	0.058	ug/L	1	"	"	"	"	
Carbon tetrachloride	<0.50	0.50	0.025	ug/L	1	"	"	"	"	
Chlorobenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Chloroethane	<1.0	1.0	0.074	ug/L	1	"	"	"	"	
Chloroform	<0.50	0.50	0.061	ug/L	1	"	"	"	"	
Chloromethane	<2.0	2.0	0.074	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
cis-1,3-Dichloropropene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
Dibromochloromethane	<0.50	0.50	0.055	ug/L	1	"	"	"	"	
Dibromomethane	<0.50	0.50	0.033	ug/L	1	"	"	"	"	
Dichlorodifluoromethane	<2.0	2.0	0.063	ug/L	1	"	"	"	"	
Dichlorofluoromethane	<2.0	2.0	0.23	ug/L	1	"	"	"	"	
Ethyl ether	<5.0	5.0	0.26	ug/L	1	"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-04 (0403756-04) Groundwater Sampled: 11/03/04 10:38 Received: 11/04/04 16:45										
Ethylbenzene	**18**	0.50	0.064	ug/L	1	B4K0907	11/09/04	11/09/04	EPA 8021B	
Hexachlorobutadiene	<0.50	0.50	0.049	ug/L	1	"	"	"	"	
Isopropylbenzene	**6.3**	0.50	0.064	ug/L	1	"	"	"	"	
Methyl ethyl ketone	**5.4**	5.0	0.35	ug/L	1	"	"	"	"	
Methyl isobutyl ketone	<5.0	5.0	0.23	ug/L	1	"	"	"	"	
Methyl tert-butyl ether	<0.50	0.50	0.24	ug/L	1	"	"	"	"	
Methylene chloride	<5.0	5.0	0.44	ug/L	1	"	"	"	"	
Naphthalene	**13**	0.50	0.045	ug/L	1	"	"	"	"	
n-Butylbenzene	**8.1**	0.50	0.062	ug/L	1	"	"	"	"	
n-Propylbenzene	**18**	0.50	0.070	ug/L	1	"	"	"	"	
o-Xylene	**3.6**	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	**2.4**	1.0	0.13	ug/L	1	"	"	"	"	
p-Isopropyltoluene	**0.50**	0.50	0.063	ug/L	1	"	"	"	"	
sec-Butylbenzene	**4.9**	0.50	0.067	ug/L	1	"	"	"	"	
Styrene	<0.50	0.50	0.060	ug/L	1	"	"	"	"	
tert-Butylbenzene	<0.50	0.50	0.063	ug/L	1	"	"	"	"	
Tetrachloroethene	<0.50	0.50	0.075	ug/L	1	"	"	"	"	
Tetrahydrofuran	<5.0	5.0	0.28	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
trans-1,3-Dichloropropene	<0.50	0.50	0.059	ug/L	1	"	"	"	"	
Trichloroethene	<0.50	0.50	0.074	ug/L	1	"	"	"	"	
Trichlorofluoromethane	<1.0	1.0	0.060	ug/L	1	"	"	"	"	
Trichlorotrifluoroethane	<5.0	5.0	0.16	ug/L	1	"	"	"	"	
Vinyl chloride	<0.50	0.50	0.065	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*113*			*75-120 %*		"	"	"	"	

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LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

MW-03 (0403756-05) Groundwater Sampled: 11/03/04 11:40 Received: 11/04/04 16:45

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1,2-Tetrachloroethane	<20	20	1.3	ug/L	20	B4K0908	11/09/04	11/10/04	EPA 8021B	
1,1,1-Trichloroethane	<10	10	1.3	ug/L	20	"	"	"	"	
1,1,2,2-Tetrachloroethane	<10	10	1.1	ug/L	20	"	"	"	"	
1,1,2-Trichloroethane	<10	10	1.0	ug/L	20	"	"	"	"	
1,1-Dichloroethane	<10	10	1.1	ug/L	20	"	"	"	"	
1,1-Dichloroethene	<10	10	1.2	ug/L	20	"	"	"	"	
1,1-Dichloropropene	<10	10	1.0	ug/L	20	"	"	"	"	
1,2,3-Trichlorobenzene	<10	10	0.52	ug/L	20	"	"	"	"	
1,2,3-Trichloropropane	<10	10	1.2	ug/L	20	"	"	"	"	
1,2,4-Trichlorobenzene	<10	10	0.44	ug/L	20	"	"	"	"	
1,2,4-Trimethylbenzene	**99**	10	1.2	ug/L	20	"	"	"	"	
1,2-Dibromo-3-chloropropane	<10	10	0.50	ug/L	20	"	"	"	"	
1,2-Dibromoethane (EDB)	<10	10	0.78	ug/L	20	"	"	"	"	
1,2-Dichlorobenzene	<10	10	1.2	ug/L	20	"	"	"	"	
1,2-Dichloroethane	<10	10	1.1	ug/L	20	"	"	"	"	
1,2-Dichloropropane	<10	10	0.96	ug/L	20	"	"	"	"	
1,3,5-Trimethylbenzene	<10	10	1.2	ug/L	20	"	"	"	"	
1,3-Dichlorobenzene	<10	10	1.1	ug/L	20	"	"	"	"	
1,3-Dichloropropane	<10	10	1.3	ug/L	20	"	"	"	"	
1,4-Dichlorobenzene	<10	10	1.2	ug/L	20	"	"	"	"	
2,2-Dichloropropane	<10	10	1.5	ug/L	20	"	"	"	"	
2-Chlorotoluene	<10	10	1.2	ug/L	20	"	"	"	"	
4-Chlorotoluene	<10	10	1.2	ug/L	20	"	"	"	"	
Acetone	<200	200	40	ug/L	20	"	"	"	"	
Allyl chloride	<20	20	5.4	ug/L	20	"	"	"	"	
Benzene	<10	10	1.3	ug/L	20	"	"	"	"	
Bromobenzene	<10	10	0.78	ug/L	20	"	"	"	"	
Bromochloromethane	<10	10	1.2	ug/L	20	"	"	"	"	
Bromodichloromethane	<10	10	1.3	ug/L	20	"	"	"	"	
Bromoform	<10	10	0.76	ug/L	20	"	"	"	"	
Bromomethane	<40	40	1.2	ug/L	20	"	"	"	"	
Carbon tetrachloride	<10	10	0.50	ug/L	20	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0403756-05) Groundwater Sampled: 11/03/04 11:40 Received: 11/04/04 16:45										
Chlorobenzene	<10	10	1.3	ug/L	20	B4K0908	11/09/04	11/10/04	EPA 8021B	
Chloroethane	<20	20	1.5	ug/L	20	"	"	"	"	
Chloroform	<10	10	1.2	ug/L	20	"	"	"	"	
Chloromethane	<40	40	1.5	ug/L	20	"	"	"	"	
cis-1,2-Dichloroethene	<10	10	1.1	ug/L	20	"	"	"	"	
cis-1,3-Dichloropropene	<10	10	1.3	ug/L	20	"	"	"	"	
Dibromochloromethane	<10	10	1.1	ug/L	20	"	"	"	"	
Dibromomethane	<10	10	0.66	ug/L	20	"	"	"	"	
Dichlorodifluoromethane	<40	40	1.3	ug/L	20	"	"	"	"	
Dichlorofluoromethane	<40	40	4.6	ug/L	20	"	"	"	"	
Ethyl ether	<100	100	5.2	ug/L	20	"	"	"	"	
Ethylbenzene	**210**	10	1.3	ug/L	20	"	"	"	"	
Hexachlorobutadiene	<10	10	0.98	ug/L	20	"	"	"	"	
Isopropylbenzene	<10	10	1.3	ug/L	20	"	"	"	"	
Methyl ethyl ketone	<100	100	7.0	ug/L	20	"	"	"	"	
Methyl isobutyl ketone	<100	100	4.6	ug/L	20	"	"	"	"	
Methyl tert-butyl ether	<10	10	4.8	ug/L	20	"	"	"	"	
Methylene chloride	<100	100	8.8	ug/L	20	"	"	"	"	
Naphthalene	**20**	10	0.90	ug/L	20	"	"	"	"	
n-Butylbenzene	<10	10	1.2	ug/L	20	"	"	"	"	
n-Propylbenzene	**19**	10	1.4	ug/L	20	"	"	"	"	
o-Xylene	**24**	10	1.2	ug/L	20	"	"	"	"	
p,m-Xylene	**100**	20	2.6	ug/L	20	"	"	"	"	
p-Isopropyltoluene	<10	10	1.3	ug/L	20	"	"	"	"	
sec-Butylbenzene	<10	10	1.3	ug/L	20	"	"	"	"	
Styrene	<10	10	1.2	ug/L	20	"	"	"	"	
tert-Butylbenzene	<10	10	1.3	ug/L	20	"	"	"	"	
Tetrachloroethene	<10	10	1.5	ug/L	20	"	"	"	"	
Tetrahydrofuran	<100	100	5.6	ug/L	20	"	"	"	"	
Toluene	**12**	10	1.4	ug/L	20	"	"	"	"	
trans-1,2-Dichloroethene	<10	10	1.2	ug/L	20	"	"	"	"	
trans-1,3-Dichloropropene	<10	10	1.2	ug/L	20	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	November 19, 2004
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-03 (0403756-05) Groundwater Sampled: 11/03/04 11:40 Received: 11/04/04 16:45										
Trichloroethene	<10	10	1.5	ug/L	20	B4K0908	11/09/04	11/10/04	EPA 8021B	
Trichlorofluoromethane	<20	20	1.2	ug/L	20	"	"	"	"	
Trichlorotrifluoroethane	<100	100	3.2	ug/L	20	"	"	"	"	
Vinyl chloride	<10	10	1.3	ug/L	20	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*113*			*75-120*	*%*	"	"	"	"	
MW-05 (0403756-06) Groundwater Sampled: 11/03/04 12:32 Received: 11/04/04 16:45										
1,1,1,2-Tetrachloroethane	<500	500	33	ug/L	500	B4K0907	11/09/04	11/09/04	EPA 8021B	
1,1,1-Trichloroethane	<250	250	32	ug/L	500	"	"	"	"	
1,1,2,2-Tetrachloroethane	<250	250	28	ug/L	500	"	"	"	"	
1,1,2-Trichloroethane	<250	250	26	ug/L	500	"	"	"	"	
1,1-Dichloroethane	<250	250	28	ug/L	500	"	"	"	"	
1,1-Dichloroethene	<250	250	30	ug/L	500	"	"	"	"	
1,1-Dichloropropene	<250	250	26	ug/L	500	"	"	"	"	
1,2,3-Trichlorobenzene	<250	250	13	ug/L	500	"	"	"	"	
1,2,3-Trichloropropane	<250	250	30	ug/L	500	"	"	"	"	
1,2,4-Trichlorobenzene	<250	250	11	ug/L	500	"	"	"	"	
1,2,4-Trimethylbenzene	**570**	250	30	ug/L	500	"	"	"	"	
1,2-Dibromo-3-chloropropane	<250	250	12	ug/L	500	"	"	"	"	
1,2-Dibromoethane (EDB)	<250	250	20	ug/L	500	"	"	"	"	
1,2-Dichlorobenzene	<250	250	31	ug/L	500	"	"	"	"	
1,2-Dichloroethane	<250	250	27	ug/L	500	"	"	"	"	
1,2-Dichloropropane	<250	250	24	ug/L	500	"	"	"	"	
1,3,5-Trimethylbenzene	<250	250	29	ug/L	500	"	"	"	"	
1,3-Dichlorobenzene	<250	250	28	ug/L	500	"	"	"	"	
1,3-Dichloropropane	<250	250	32	ug/L	500	"	"	"	"	
1,4-Dichlorobenzene	<250	250	29	ug/L	500	"	"	"	"	
2,2-Dichloropropane	<250	250	38	ug/L	500	"	"	"	"	
2-Chlorotoluene	<250	250	30	ug/L	500	"	"	"	"	
4-Chlorotoluene	<250	250	30	ug/L	500	"	"	"	"	
Acetone	<5000	5000	1000	ug/L	500	"	"	"	"	
Allyl chloride	<500	500	140	ug/L	500	"	"	"	"	

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Coteau Environmental 728 Janes Circle Drive SW Alexandria MN, 56308	Project: KC-Kwik Stop-Brooten, MN Project Number: KC Kwik Stop-Brooten, MN Project Manager: Mr. Scott Hunke	**Date Reported:** November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-05 (0403756-06) Groundwater Sampled: 11/03/04 12:32 Received: 11/04/04 16:45										
Benzene	**860**	250	34	ug/L	500	B4K0907	11/09/04	11/09/04	EPA 8021B	
Bromobenzene	<250	250	20	ug/L	500	"	"	"	"	
Bromochloromethane	<250	250	30	ug/L	500	"	"	"	"	
Bromodichloromethane	<250	250	32	ug/L	500	"	"	"	"	
Bromoform	<250	250	19	ug/L	500	"	"	"	"	
Bromomethane	<1000	1000	29	ug/L	500	"	"	"	"	
Carbon tetrachloride	<250	250	12	ug/L	500	"	"	"	"	
Chlorobenzene	<250	250	32	ug/L	500	"	"	"	"	
Chloroethane	<500	500	37	ug/L	500	"	"	"	"	
Chloroform	<250	250	30	ug/L	500	"	"	"	"	
Chloromethane	<1000	1000	37	ug/L	500	"	"	"	"	
cis-1,2-Dichloroethene	<250	250	28	ug/L	500	"	"	"	"	
cis-1,3-Dichloropropene	<250	250	32	ug/L	500	"	"	"	"	
Dibromochloromethane	<250	250	28	ug/L	500	"	"	"	"	
Dibromomethane	<250	250	16	ug/L	500	"	"	"	"	
Dichlorodifluoromethane	<1000	1000	32	ug/L	500	"	"	"	"	
Dichlorofluoromethane	<1000	1000	120	ug/L	500	"	"	"	"	
Ethyl ether	<2500	2500	130	ug/L	500	"	"	"	"	
Ethylbenzene	**910**	250	32	ug/L	500	"	"	"	"	
Hexachlorobutadiene	<250	250	24	ug/L	500	"	"	"	"	
Isopropylbenzene	<250	250	32	ug/L	500	"	"	"	"	
Methyl ethyl ketone	<2500	2500	180	ug/L	500	"	"	"	"	
Methyl isobutyl ketone	<2500	2500	120	ug/L	500	"	"	"	"	
Methyl tert-butyl ether	<250	250	120	ug/L	500	"	"	"	"	
Methylene chloride	**5000**	2500	220	ug/L	500	"	"	"	"	
Naphthalene	**690**	250	22	ug/L	500	"	"	"	"	
n-Butylbenzene	<250	250	31	ug/L	500	"	"	"	"	
n-Propylbenzene	<250	250	35	ug/L	500	"	"	"	"	
o-Xylene	**990**	250	31	ug/L	500	"	"	"	"	
p,m-Xylene	**2600**	500	65	ug/L	500	"	"	"	"	
p-Isopropyltoluene	<250	250	32	ug/L	500	"	"	"	"	
sec-Butylbenzene	<250	250	34	ug/L	500	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-05 (0403756-06) Groundwater Sampled: 11/03/04 12:32 Received: 11/04/04 16:45										
Styrene	<250	250	30	ug/L	500	B4K0907	11/09/04	11/09/04	EPA 8021B	
tert-Butylbenzene	<250	250	32	ug/L	500	"	"	"	"	
Tetrachloroethene	<250	250	38	ug/L	500	"	"	"	"	
Tetrahydrofuran	<2500	2500	140	ug/L	500	"	"	"	"	
Toluene	**6900**	250	34	ug/L	500	"	"	"	"	
trans-1,2-Dichloroethene	<250	250	30	ug/L	500	"	"	"	"	
trans-1,3-Dichloropropene	<250	250	30	ug/L	500	"	"	"	"	
Trichloroethene	<250	250	37	ug/L	500	"	"	"	"	
Trichlorofluoromethane	<500	500	30	ug/L	500	"	"	"	"	
Trichlorotrifluoroethane	<2500	2500	80	ug/L	500	"	"	"	"	
Vinyl chloride	<250	250	32	ug/L	500	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*111*			*75-120 %*		"	"	"	"	
MW-07 (0403756-07) Groundwater Sampled: 11/03/04 12:37 Received: 11/04/04 16:45										
1,1,1,2-Tetrachloroethane	<20	20	1.3	ug/L	20	B4K0908	11/09/04	11/10/04	EPA 8021B	
1,1,1-Trichloroethane	<10	10	1.3	ug/L	20	"	"	"	"	
1,1,2,2-Tetrachloroethane	<10	10	1.1	ug/L	20	"	"	"	"	
1,1,2-Trichloroethane	<10	10	1.0	ug/L	20	"	"	"	"	
1,1-Dichloroethane	<10	10	1.1	ug/L	20	"	"	"	"	
1,1-Dichloroethene	<10	10	1.2	ug/L	20	"	"	"	"	
1,1-Dichloropropene	<10	10	1.0	ug/L	20	"	"	"	"	
1,2,3-Trichlorobenzene	<10	10	0.52	ug/L	20	"	"	"	"	
1,2,3-Trichloropropane	<10	10	1.2	ug/L	20	"	"	"	"	
1,2,4-Trichlorobenzene	<10	10	0.44	ug/L	20	"	"	"	"	
1,2,4-Trimethylbenzene	**610**	100	12	ug/L	200	"	"	11/11/04	"	
1,2-Dibromo-3-chloropropane	<10	10	0.50	ug/L	20	"	"	11/10/04	"	
1,2-Dibromoethane (EDB)	<10	10	0.78	ug/L	20	"	"	"	"	
1,2-Dichlorobenzene	<10	10	1.2	ug/L	20	"	"	"	"	
1,2-Dichloroethane	<10	10	1.1	ug/L	20	"	"	"	"	
1,2-Dichloropropane	<10	10	0.96	ug/L	20	"	"	"	"	
1,3,5-Trimethylbenzene	**180**	10	1.2	ug/L	20	"	"	"	"	
1,3-Dichlorobenzene	<10	10	1.1	ug/L	20	"	"	"	"	

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775 Vandalia Street
St Paul, MN 55114
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-07 (0403756-07) Groundwater	**Sampled: 11/03/04 12:37**			**Received: 11/04/04 16:45**						
1,3-Dichloropropane	<10	10	1.3	ug/L	20	B4K0908	11/09/04	11/10/04	EPA 8021B	
1,4-Dichlorobenzene	<10	10	1.2	ug/L	20	"	"	"	"	
2,2-Dichloropropane	<10	10	1.5	ug/L	20	"	"	"	"	
2-Chlorotoluene	<10	10	1.2	ug/L	20	"	"	"	"	
4-Chlorotoluene	<10	10	1.2	ug/L	20	"	"	"	"	
Acetone	<200	200	40	ug/L	20	"	"	"	"	
Allyl chloride	<20	20	5.4	ug/L	20	"	"	"	"	
Benzene	**1000**	100	13	ug/L	200	"	"	11/11/04	"	
Bromobenzene	<10	10	0.78	ug/L	20	"	"	11/10/04	"	
Bromochloromethane	<10	10	1.2	ug/L	20	"	"	"	"	
Bromodichloromethane	<10	10	1.3	ug/L	20	"	"	"	"	
Bromoform	<10	10	0.76	ug/L	20	"	"	"	"	
Bromomethane	<40	40	1.2	ug/L	20	"	"	"	"	
Carbon tetrachloride	<10	10	0.50	ug/L	20	"	"	"	"	
Chlorobenzene	<10	10	1.3	ug/L	20	"	"	"	"	
Chloroethane	<20	20	1.5	ug/L	20	"	"	"	"	
Chloroform	<10	10	1.2	ug/L	20	"	"	"	"	
Chloromethane	<40	40	1.5	ug/L	20	"	"	"	"	
cis-1,2-Dichloroethene	<10	10	1.1	ug/L	20	"	"	"	"	
cis-1,3-Dichloropropene	<10	10	1.3	ug/L	20	"	"	"	"	
Dibromochloromethane	<10	10	1.1	ug/L	20	"	"	"	"	
Dibromomethane	<10	10	0.66	ug/L	20	"	"	"	"	
Dichlorodifluoromethane	<40	40	1.3	ug/L	20	"	"	"	"	
Dichlorofluoromethane	<40	40	4.6	ug/L	20	"	"	"	"	
Ethyl ether	<100	100	5.2	ug/L	20	"	"	"	"	
Ethylbenzene	**980**	100	13	ug/L	200	"	"	11/11/04	"	
Hexachlorobutadiene	<10	10	0.98	ug/L	20	"	"	11/10/04	"	
Isopropylbenzene	**37**	10	1.3	ug/L	20	"	"	"	"	
Methyl ethyl ketone	<100	100	7.0	ug/L	20	"	"	"	"	
Methyl isobutyl ketone	<100	100	4.6	ug/L	20	"	"	"	"	
Methyl tert-butyl ether	<10	10	4.8	ug/L	20	"	"	"	"	
Methylene chloride	<100	100	8.8	ug/L	20	"	"	"	"	

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775 Vandalia Street
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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-07 (0403756-07) Groundwater Sampled: 11/03/04 12:37 Received: 11/04/04 16:45										
Naphthalene	**230**	10	0.90	ug/L	20	B4K0908	11/09/04	11/10/04	EPA 8021B	
n-Butylbenzene	**24**	10	1.2	ug/L	20	"	"	"	"	
n-Propylbenzene	**110**	10	1.4	ug/L	20	"	"	"	"	
o-Xylene	**1100**	100	12	ug/L	200	"	"	11/11/04	"	
p,m-Xylene	**3000**	200	26	ug/L	200	"	"	"	"	
p-Isopropyltoluene	<10	10	1.3	ug/L	20	"	"	11/10/04	"	
sec-Butylbenzene	<10	10	1.3	ug/L	20	"	"	"	"	
Styrene	<10	10	1.2	ug/L	20	"	"	"	"	
tert-Butylbenzene	<10	10	1.3	ug/L	20	"	"	"	"	
Tetrachloroethene	<10	10	1.5	ug/L	20	"	"	"	"	
Tetrahydrofuran	<100	100	5.6	ug/L	20	"	"	"	"	
Toluene	**7800**	100	14	ug/L	200	"	"	11/11/04	"	E1
trans-1,2-Dichloroethene	<10	10	1.2	ug/L	20	"	"	11/10/04	"	
trans-1,3-Dichloropropene	<10	10	1.2	ug/L	20	"	"	"	"	
Trichloroethene	<10	10	1.5	ug/L	20	"	"	"	"	
Trichlorofluoromethane	<20	20	1.2	ug/L	20	"	"	"	"	
Trichlorotrifluoroethane	<100	100	3.2	ug/L	20	"	"	"	"	
Vinyl chloride	<10	10	1.3	ug/L	20	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*117*			*75-120*	*%*	"	"	"	"	
Trip Blank (0403756-08) Groundwater Sampled: 05/04/04 00:00 Received: 11/04/04 16:45										H3b
Benzene	<0.50	0.50	0.067	ug/L	1	B4K0908	11/09/04	11/10/04	EPA 8021B	
Ethylbenzene	<0.50	0.50	0.064	ug/L	1	"	"	"	"	
o-Xylene	<0.50	0.50	0.062	ug/L	1	"	"	"	"	
p,m-Xylene	<1.0	1.0	0.13	ug/L	1	"	"	"	"	
Toluene	<0.50	0.50	0.069	ug/L	1	"	"	"	"	
Surrogate: 4-Fluorochlorobenzene	*117*			*75-120*	*%*	"	"	"	"	

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

GRO/8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K1002 - EPA 5030 Water (Purge and Trap)										
Blank (B4K1002-BLK1)				Prepared & Analyzed: 11/10/04						
Gasoline range organics	<100	100	ug/L							
Surrogate: 4-Fluorochlorobenzene	*25.0*		*ug/L*	*25.0*		100	*80-120*			
LCS (B4K1002-BS1)				Prepared & Analyzed: 11/10/04						
Gasoline range organics	1050	100	ug/L	1000		105	80-120			
Surrogate: 4-Fluorochlorobenzene	*27.3*		*ug/L*	*25.0*		109	*80-120*			
LCS Dup (B4K1002-BSD1)				Prepared: 11/10/04 Analyzed: 11/11/04						
Gasoline range organics	1010	100	ug/L	1000		101	80-120	3.88	20	
Surrogate: 4-Fluorochlorobenzene	*26.6*		*ug/L*	*25.0*		106	*80-120*			
Duplicate (B4K1002-DUP1)			**Source: 0403673-01**	Prepared: 11/10/04 Analyzed: 11/11/04						
Gasoline range organics	<100	100	ug/L		<100			NA	20	
Surrogate: 4-Fluorochlorobenzene	*25.6*		*ug/L*	*25.0*		102	*80-120*			
Matrix Spike (B4K1002-MS1)			**Source: 0403673-01**	Prepared: 11/10/04 Analyzed: 11/11/04						
Surrogate: 4-Fluorochlorobenzene	*25.9*		*ug/L*	*25.0*		104	*80-120*			
Batch B4K1003 - EPA 5030 Water (Purge and Trap)										
Blank (B4K1003-BLK1)				Prepared & Analyzed: 11/10/04						
Gasoline range organics	<100	100	ug/L							
Surrogate: 4-Fluorochlorobenzene	*22.8*		*ug/L*	*25.0*		91.2	*80-120*			
LCS (B4K1003-BS1)				Prepared & Analyzed: 11/10/04						
Gasoline range organics	1030	100	ug/L	1000		103	80-120			
Surrogate: 4-Fluorochlorobenzene	*26.9*		*ug/L*	*25.0*		108	*80-120*			

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

GRO/8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K1003 - EPA 5030 Water (Purge and Trap)										
LCS Dup (B4K1003-BSD1)				Prepared: 11/10/04 Analyzed: 11/11/04						
Gasoline range organics	1040	100	ug/L	1000		104	80-120	0.966	20	
Surrogate: 4-Fluorochlorobenzene	*26.0*		*ug/L*	*25.0*		104	*80-120*			
Duplicate (B4K1003-DUP1)		**Source: 0403734-04**		Prepared: 11/10/04 Analyzed: 11/11/04						
Gasoline range organics	<100	100	ug/L		<100			NA	20	
Surrogate: 4-Fluorochlorobenzene	*22.2*		*ug/L*	*25.0*		88.8	*80-120*			
Batch B4K1108 - EPA 5030 Water (Purge and Trap)										
Blank (B4K1108-BLK1)				Prepared & Analyzed: 11/11/04						
Gasoline range organics	<100	100	ug/L							
Surrogate: 4-Fluorochlorobenzene	*22.8*		*ug/L*	*25.0*		91.2	*80-120*			
LCS (B4K1108-BS1)				Prepared & Analyzed: 11/11/04						
Gasoline range organics	1010	100	ug/L	1000		101	80-120			
Surrogate: 4-Fluorochlorobenzene	*27.9*		*ug/L*	*25.0*		112	*80-120*			
LCS Dup (B4K1108-BSD1)				Prepared: 11/11/04 Analyzed: 11/12/04						
Gasoline range organics	1020	100	ug/L	1000		102	80-120	0.985	20	
Surrogate: 4-Fluorochlorobenzene	*25.2*		*ug/L*	*25.0*		101	*80-120*			
Duplicate (B4K1108-DUP1)		**Source: 0403739-05**		Prepared & Analyzed: 11/11/04						
Gasoline range organics	<100	100	ug/L		<100			NA	20	
Surrogate: 4-Fluorochlorobenzene	*21.7*		*ug/L*	*25.0*		86.8	*80-120*			
Matrix Spike (B4K1108-MS1)		**Source: 0403739-05**		Prepared: 11/11/04 Analyzed: 11/12/04						
Surrogate: 4-Fluorochlorobenzene	*25.4*		*ug/L*	*25.0*		102	*80-120*			

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728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	November 19, 2004
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0907 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0907-BLK1)				Prepared & Analyzed: 11/09/04						
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethene	<0.50	0.50	ug/L							
1,1-Dichloropropene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
Acetone	<10	10	ug/L							

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Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0907 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0907-BLK1)				Prepared & Analyzed: 11/09/04						
Allyl chloride	<1.0	1.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<2.0	2.0	ug/L							
Carbon tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<1.0	1.0	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<2.0	2.0	ug/L							
cis-1,2-Dichloroethene	<0.50	0.50	ug/L							
cis-1,3-Dichloropropene	<0.50	0.50	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
Dichlorodifluoromethane	<2.0	2.0	ug/L							
Dichlorofluoromethane	<2.0	2.0	ug/L							
Ethyl ether	<5.0	5.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Hexachlorobutadiene	<0.50	0.50	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
Methyl ethyl ketone	<5.0	5.0	ug/L							
Methyl isobutyl ketone	<5.0	5.0	ug/L							

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VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0907 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0907-BLK1)				Prepared & Analyzed: 11/09/04						
Methyl tert-butyl ether	<0.50	0.50	ug/L							
Methylene chloride	<5.0	5.0	ug/L							
Naphthalene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
p,m-Xylene	<1.0	1.0	ug/L							
p-Isopropyltoluene	<0.50	0.50	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
Tetrachloroethene	<0.50	0.50	ug/L							
Tetrahydrofuran	<5.0	5.0	ug/L							
Toluene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropene	<0.50	0.50	ug/L							
Trichloroethene	<0.50	0.50	ug/L							
Trichlorofluoromethane	<1.0	1.0	ug/L							
Trichlorotrifluoroethane	<5.0	5.0	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
Surrogate: 4-Fluorochlorobenzene	*10.5*		*ug/L*	*10.0*		105	*75-120*			
LCS (B4K0907-BS1)				Prepared & Analyzed: 11/09/04						
1,1-Dichloroethene	7.79		ug/L	10.0		77.9	75-125			
Benzene	9.42		ug/L	10.0		94.2	75-125			

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
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Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0907 - EPA 5030 Water (Purge and Trap)										
LCS (B4K0907-BS1)				Prepared & Analyzed: 11/09/04						
Chlorobenzene	9.53		ug/L	10.0		95.3	75-125			
Toluene	8.65		ug/L	10.0		86.5	75-125			
Trichloroethene	7.74		ug/L	10.0		77.4	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.57*		*ug/L*	*10.0*		85.7	*75-120*			
Matrix Spike (B4K0907-MS1)			**Source: 0403756-01**	Prepared & Analyzed: 11/09/04						
1,1-Dichloroethene	8.79		ug/L	10.0	<	87.9	75-125			
Benzene	9.17		ug/L	10.0	<	91.7	75-125			
Chlorobenzene	9.29		ug/L	10.0	<	92.9	75-125			
Toluene	8.35		ug/L	10.0	<	83.5	75-125			
Trichloroethene	8.89		ug/L	10.0	<	88.9	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.60*		*ug/L*	*10.0*		86.0	*75-120*			
Matrix Spike Dup (B4K0907-MSD1)			**Source: 0403756-01**	Prepared & Analyzed: 11/09/04						
1,1-Dichloroethene	9.20		ug/L	10.0	<	92.0	75-125	4.56	20	
Benzene	9.53		ug/L	10.0	<	95.3	75-125	3.85	20	
Chlorobenzene	9.65		ug/L	10.0	<	96.5	75-125	3.80	20	
Toluene	8.66		ug/L	10.0	<	86.6	75-125	3.64	20	
Trichloroethene	9.53		ug/L	10.0	<	95.3	75-125	6.95	20	
Surrogate: 4-Fluorochlorobenzene	*8.78*		*ug/L*	*10.0*		87.8	*75-120*			
Batch B4K0908 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0908-BLK1)				Prepared: 11/09/04 Analyzed: 11/10/04						
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	November 19, 2004
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0908 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0908-BLK1)				Prepared: 11/09/04 Analyzed: 11/10/04						
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,1-Dichloroethene	<0.50	0.50	ug/L							
1,1-Dichloropropene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
Acetone	<10	10	ug/L							
Allyl chloride	<1.0	1.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							

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Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
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Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0908 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0908-BLK1)				Prepared: 11/09/04 Analyzed: 11/10/04						
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<2.0	2.0	ug/L							
Carbon tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<1.0	1.0	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<2.0	2.0	ug/L							
cis-1,2-Dichloroethene	<0.50	0.50	ug/L							
cis-1,3-Dichloropropene	<0.50	0.50	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
Dichlorodifluoromethane	<2.0	2.0	ug/L							
Dichlorofluoromethane	<2.0	2.0	ug/L							
Ethyl ether	<5.0	5.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Hexachlorobutadiene	<0.50	0.50	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
Methyl ethyl ketone	<5.0	5.0	ug/L							
Methyl isobutyl ketone	<5.0	5.0	ug/L							
Methyl tert-butyl ether	<0.50	0.50	ug/L							
Methylene chloride	<5.0	5.0	ug/L							
Naphthalene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0908 - EPA 5030 Water (Purge and Trap)										
Blank (B4K0908-BLK1)				Prepared: 11/09/04 Analyzed: 11/10/04						
n-Propylbenzene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
p,m-Xylene	<1.0	1.0	ug/L							
p-Isopropyltoluene	<0.50	0.50	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
Tetrachloroethene	<0.50	0.50	ug/L							
Tetrahydrofuran	<5.0	5.0	ug/L							
Toluene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropene	<0.50	0.50	ug/L							
Trichloroethene	<0.50	0.50	ug/L							
Trichlorofluoromethane	<1.0	1.0	ug/L							
Trichlorotrifluoroethane	<5.0	5.0	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
Surrogate: 4-Fluorochlorobenzene	*11.7*		*ug/L*	*10.0*		117	*75-120*			
LCS (B4K0908-BS1)				Prepared: 11/09/04 Analyzed: 11/10/04						
1,1-Dichloroethene	8.56		ug/L	10.0		85.6	75-125			
Benzene	9.14		ug/L	10.0		91.4	75-125			
Chlorobenzene	9.19		ug/L	10.0		91.9	75-125			
Toluene	8.27		ug/L	10.0		82.7	75-125			
Trichloroethene	8.68		ug/L	10.0		86.8	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.71*		*ug/L*	*10.0*		87.1	*75-120*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental 728 Janes Circle Drive SW Alexandria MN, 56308	Project: KC-Kwik Stop-Brooten, MN Project Number: KC Kwik Stop-Brooten, MN Project Manager: Mr. Scott Hunke	**Date Reported:** November 19, 2004

VOC GC 8021B - Quality Control
LEGEND Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B4K0908 - EPA 5030 Water (Purge and Trap)										
Matrix Spike (B4K0908-MS1)	**Source: 0403675-04**			Prepared: 11/09/04		Analyzed: 11/10/04				
1,1-Dichloroethene	9.66		ug/L	10.0	<	96.6	75-125			
Benzene	9.66		ug/L	10.0	<	96.6	75-125			
Chlorobenzene	9.78		ug/L	10.0	<	97.8	75-125			
Toluene	8.82		ug/L	10.0	<	88.2	75-125			
Trichloroethene	9.98		ug/L	10.0	<	99.8	75-125			
Surrogate: 4-Fluorochlorobenzene	*8.77*		*ug/L*	*10.0*		87.7	*75-120*			
Matrix Spike Dup (B4K0908-MSD1)	**Source: 0403675-04**			Prepared: 11/09/04		Analyzed: 11/10/04				
1,1-Dichloroethene	8.42		ug/L	10.0	<	84.2	75-125	13.7	20	
Benzene	9.56		ug/L	10.0	<	95.6	75-125	1.04	20	
Chlorobenzene	9.98		ug/L	10.0	<	99.8	75-125	2.02	20	
Toluene	8.57		ug/L	10.0	<	85.7	75-125	2.88	20	
Trichloroethene	9.50		ug/L	10.0	<	95.0	75-125	4.93	20	
Surrogate: 4-Fluorochlorobenzene	*8.91*		*ug/L*	*10.0*		89.1	*75-120*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LEGEND
Technical Services, Inc.

775 Vandalia Street
St Paul, MN 55114
651.642.1150

Coteau Environmental	Project: KC-Kwik Stop-Brooten, MN	**Date Reported:**
728 Janes Circle Drive SW	Project Number: KC Kwik Stop-Brooten, MN	
Alexandria MN, 56308	Project Manager: Mr. Scott Hunke	November 19, 2004

Notes and Definitions

H3b	The trip-blank sample was received and analyzed past holding time.
H	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
E1	Concentration estimated. Analyte exceeded calibration range. Reanlaysis not possible due to insufficient sample.
<	Less than value listed
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
NA	Not applicable. The %RPD is not calculated from values less than the reporting limit.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 1 of 1

LEGEND TECHNICAL SERVICES, INC.

775 Vandalia Street, St. Paul, MN 55114 - Telephone: 651-642-1150, Fax: 651-642-1239

CHAIN-OF-CUSTODY RECORD

Client Name: COTEAU ENVIRONMENTAL

Address: 728 JAMES CIRCLE DR ALEXANDRIA, MN 56308

Attn: NATE OR SCOTT

Bill To: SAME

Address:

PO #:

Phone: 320-846-4668 Fax: 605-882-4152

Project Name: KC KWIK STOP Project #: BROOTEN, MN

LEGEND Project #: 0403756

Turnaround Time:
- [x] Normal
- [ ] RUSH Date: _____

Condition Received:
- [ ] Received at 4.5 °C
- [x] Received on ice
- [ ] Received on blue ice
- [ ] Received ambient
- [ ] No temp. blank
- [ ] Acceptable

Item No.	Field ID No.	Sample Description	Grab	Comp	Collection Date	Collection Time	Sample Matrix	Lab ID No.	Number of Containers	Analysis: VOC's	Analysis: 8260	Analysis: BTEX			
1	MW-01	WATER	✓		11/3/04	0754		-1	6	✓	✓				
2	02		✓			0846		-2	6	✓	✓				
3	06		✓			0942		-3	6	✓	✓				
4	04		✓			1038		-4	6	✓	✓				
5	03		✓			1140		-5	6	✓	✓				
6	05		✓			1232		-6	6	✓	✓				
7	07 [redacted]		✓			1237		-7	3	✓	✓	[redacted]			
8	TRIP BLANK				5/4/04			-8	1			✓			
9	TRIP BLANK								1						
10	[redacted]										✓	✓			

Sample Collector (please print):	Item No	Relinquished By:	Date:	Time	Accepted By:	Date:	Time:
SCOTT HUNKE			11/3/04	1500			
Comments:	Item No	Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:
					VY by Legend	11-4-04	16:45

PLEASE REVIEW TERMS AND CONDITIONS ON BACK BEFORE SIGNING

Form LAB-268 (04/04)

White Copy - Original Accompanies Shipment to Lab **Yellow Copy** - Lab **Pink Copy** - Customer or Field Copy

APPENDIX II

METHODOLOGIES AND PROCEDURES

METHODOLOGIES

Fluid Level Monitoring

Fluid levels in all monitor wells will be monitored using an electronic water level indicator, steel tape or interface probe. An interface probe or chalk and paste will be used to measure fluid levels when free product exists in the well. The fluid level will be obtained by lowering the measuring device into the well until the water surface has been encountered and by recording the distance from the top of the inside casing to the measuring device to the nearest 0.10 foot. Prior to each measurement, the fluid level measuring device will be cleaned with alcohol and distilled water.

Ground Water Sampling

Ground water sampling procedures will be conducted in accordance with the Minnesota Pollution Control Agency (MPCA) requirements. Monitor wells will be sampled from the suspected cleanest to the most contaminated. The field protocol for monitor well sampling will consist of fluid level measurement, monitor well development, and sample collection. The fluid level will be measured in the well to the nearest 0.01 foot. Following fluid level measurement, the well volume will be calculated and a minimum of 5 well casing volumes will be removed from the well prior to sampling using a dedicated stainless-steel or polyethylene bailer. Well stabilization data may be recorded during purging in the form of temperature, pH and electrical conductivity. Following sample collection, the samples will be shipped to a specified laboratory following appropriate documentation, preservation, and chain of custody procedures. Data collected during the sampling procedure will be documented in the field. All equipment utilized during sample collection will be cleaned with alcohol and deionized water.

Laboratory Analysis

Laboratory analysis of the soil and ground water samples will be conducted by a certified laboratory using standard EPA methods. Benzene, toluene, ethyl benzene, xylenes (BTEX), total petroleum hydrocarbons (TPH) as gasoline, TPH as fuel oil, and naphthalene analyses will be conducted in accordance with the California/USGS Method or equivalent method approved by the MPCA.

Vapor Survey

Based on the results of the survey of all potentially-impacted structures, a vapor survey will be conducted to identify any impacts of volatile organic compounds to the structures. A photoionization detector (PID) calibrated to benzene using an isobutylene gas standard in combination with an explosimeter, will be utilized to conduct the vapor survey. Readings of total petroleum hydrocarbons (TPH) in parts per million (ppm) and the lower explosive limit (LEL) will be recorded during the vapor survey by sampling air inside the potentially-impacted structures with the PID/explosimeter.

APPENDIX III

FIELD DATA SHEETS

CLIENT: FORMER KC KWICK STOP

LOCATION: BROOTEN, MN

FLUID LEVEL SHEET

DATE 8/14/03

NAME SSY

WELL NUMBER	TOC ELEV	REF. POINT	MEAS. POINT	DEPTH TO PRODUCT	REF. POINT	MEAS. POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV. DEPTH TO WATER	ORDER	WELL NUMBER
MW-01					11	.79	10.21		19.93	10.24	1	MW-01
MW-02					13	.10	12.90		22.16	12.97	2	MW-02
MW-03					14	.92	13.08		22.42	12.20	5	MW-03
MW-04					14	.79	13.21		21.83	12.32	4	MW-04
MW-05					11	.94	10.06		19.20	10.16	6	MW-05
MW-06					11	.42	10.58		19.64	10.74	3	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS. DUP = 1300

8/4/03KC KwikSAMPLFM

COTEAU ENVIRONMENTAL

WATER SAMPLING DATA

DATE:	8/14/03
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-01
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.93
DEPTH TO WATER:	10.21
COLUMN LENGTH:	9.72
WELL VOLUME:	1.56
TOTAL VOLUME REMOVED:	7.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUNI, 80's
SAMPLE DESCRIPTION:	BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	0845

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	8/14/03
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-02
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.16
DEPTH TO WATER:	12.90
COLUMN LENGTH:	9.26
WELL VOLUME:	1.48
TOTAL VOLUME REMOVED:	7.5
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 80's
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	0937

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	8/14/03
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.42
DEPTH TO WATER:	13.08
COLUMN LENGTH:	9.34
WELL VOLUME:	1.49
TOTAL VOLUME REMOVED:	7.5
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 80's
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1200

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	8/14/03
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	21.83
DEPTH TO WATER:	13.21
COLUMN LENGTH:	8.62
WELL VOLUME:	1.38
TOTAL VOLUME REMOVED:	7
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 80's
SAMPLE DESCRIPTION:	
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1108

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	8/14/03
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.20
DEPTH TO WATER:	10.06
COLUMN LENGTH:	9.14
WELL VOLUME:	1.46
TOTAL VOLUME REMOVED:	7.5
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUNNY 80's
SAMPLE DESCRIPTION:	32 OUNCE, STRONG ODOR - SMELLS LIKE SEWAGE
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1247

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	8/14/03
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.64
DEPTH TO WATER:	10.58
COLUMN LENGTH:	9.06
WELL VOLUME:	1.45
TOTAL VOLUME REMOVED:	7.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS.	SUN 80's
SAMPLE DESCRIPTION:	BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME	1015

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

DATE 11/4/05

CLIENT: FORMER KC KWICK STOP

LOCATION: BROOTEN, MN

NAME SDH

FLUID LEVEL SHEET

WELL NUMBER	TOC ELEV.	REF. POINT	MEAS. POINT	DEPTH TO PRODUCT	REF. POINT	MEAS. POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV. DEPTH TO WATER	ORDER	WELL NUMBER
MW-01					12	.52	11.48		19.93	10.21	1	MW-01
MW-02					15	.85	14.15		22.16	12.90	2	MW-02
MW-03					15	.61	14.39		22.42	13.08	5	MW-03
MW-04					15	.53	14.47		21.83	13.21	4	MW-04
MW-05					12	.65	11.35		19.20	10.06	6	MW-05
MW-06					12	.15	11.85		19.64	10.58	3	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS:

COTEAU ENVIRONMENTAL

WATER SAMPLING DATA

DATE:	
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-01
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	
DEPTH TO WATER:	
COLUMN LENGTH:	
WELL VOLUME:	
TOTAL VOLUME REMOVED:	
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	
SAMPLE DESCRIPTION:	BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	0832

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-02
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	
DEPTH TO WATER:	
COLUMN LENGTH:	
WELL VOLUME:	
TOTAL VOLUME REMOVED:	
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	0917

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	
DEPTH TO WATER:	
COLUMN LENGTH:	
WELL VOLUME:	
TOTAL VOLUME REMOVED:	
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	
SAMPLE DESCRIPTION:	LIGHT BROWN SLIGHT ODOR
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1137

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

DATE:	
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	
DEPTH TO WATER:	
COLUMN LENGTH:	
WELL VOLUME:	
TOTAL VOLUME REMOVED:	
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS.	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1050

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE. For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

DATE:	
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	
DEPTH TO WATER:	
COLUMN LENGTH:	
WELL VOLUME:	
TOTAL VOLUME REMOVED:	
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	
SAMPLE DESCRIPTION:	LIGHT GRAY SLIGHT ODOR
REMARKS.	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1215

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	
DEPTH TO WATER:	
COLUMN LENGTH:	
WELL VOLUME:	
TOTAL VOLUME REMOVED:	
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1002

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

CLIENT FORMER KC KWICK STOP

LOCATION BROOTEN, MN

FLUID LEVEL SHEET

2/9/04 DATE

NAME SDU

WELL NUMBER	TOC ELEV	REF POINT	MEAS POINT	DEPTH TO PRODUCT	REF POINT	MEAS POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV DEPTH TO WATER	ORDER	WELL NUMBER
MW-01							12.13		19 93	10 21	1	MW-01
MW-02							14.75		22 16	12 90	2	MW-02
MW-03							15.05		22 42	13 08	5	MW-03
MW-04							15.14		21 83	13 21	4	MW-04
MW-05							12.00		19 20	10 06	6	MW-05
MW-06							12.51		19 64	10 58	3	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS: MW-07 (dup.) 1155

VAPOR MONITORING

Date: 2/9/04

Site: KC KWIK STOP, BLOOTER, MN

Location	PID	O2	LEL	Notes:
MH-8	0.0	19.6	0	
HOUSE ~~110~~ 110	550.7	19.8	0	TAKEN AROUND THE DRAIN IN BASEMENT FLOOR — MORRIS CROSS 320-346-2497
100				NO ONE HOME
111				"
120				"
MH-9 + THE				} COULD NOT LOCATE MH-9 +
2 STORM DRAINS				} 2 STORM DRAINS WERE
				PLUGED W/ SNOW + ICE

WATER SAMPLING DATA

DATE:	9-Feb-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-01
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.93
DEPTH TO WATER:	12.13
COLUMN LENGTH:	7.80
WELL VOLUME:	1.25
TOTAL VOLUME REMOVED:	6.24
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	CLOUDY 15-20°
SAMPLE DESCRIPTION:	BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1148

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	9-Feb-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-02
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.16
DEPTH TO WATER:	14.75
COLUMN LENGTH:	7.41
WELL VOLUME:	1.19
TOTAL VOLUME REMOVED:	6
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	CLOUDY 15-20°
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1235

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	9-Feb-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.42
DEPTH TO WATER:	15.05
COLUMN LENGTH:	7.37
WELL VOLUME:	1.18
TOTAL VOLUME REMOVED:	6
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	CLOUDY, LIGHT SNOW 15 - 20°
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1457

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	9-Feb-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	21.83
DEPTH TO WATER:	15.14
COLUMN LENGTH:	6.69
WELL VOLUME:	1.07
TOTAL VOLUME REMOVED:	5.5
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	CLOUDS 15-20°
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1405

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	9-Feb-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.20
DEPTH TO WATER:	12.00
COLUMN LENGTH:	7.20
WELL VOLUME:	1.15
TOTAL VOLUME REMOVED:	6
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	CLOUDY, 15-20°
SAMPLE DESCRIPTION:	LIGHT GRAY, SLIGHT ODOR
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1550

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	9-Feb-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	mw-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.64
DEPTH TO WATER:	12.51
COLUMN LENGTH:	7.13
WELL VOLUME:	1.14
TOTAL VOLUME REMOVED:	5.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	Clouds 15-20°
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	SDH
SAMPLER:	
SAMPLE COLLECTION TIME:	1317

DISSOLVED OXYGEN (mg/L): _____

SOLUBLE FERROUS IRON (mg/L): _____

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

CLIENT FORMER KC KWICK STOP

LOCATION BROOTEN, MN

FLUID LEVEL SHEET

5/11/04

NAME SDH

WELL NUMBER	TOC ELEV	REF POINT	MEAS. POINT	DEPTH TO PRODUCT	REF POINT	MEAS POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV DEPTH TO WATER	ORDER	WELL NUMBER
MW-01					12	.31	11.69		19 93	10 21	1	MW-01
MW-02					15	.67	14.33		22 16	12 90	2	MW-02
MW-03					15	.35	14.65		22 42	13 08	5	MW-03
MW-04					15	.27	14.73		21 83	13 21	4	MW-04
MW-05					12	.42	11.58		19 20	10 06	6	MW-05
MW-06					13	.86	12.14		19 64	10 58	3	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS. _____

WATER SAMPLING DATA

DATE:	5/11/04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-01
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.93
DEPTH TO WATER:	11.69
COLUMN LENGTH:	8.24
WELL VOLUME:	1.32
TOTAL VOLUME REMOVED:	6.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	Cloudy 50's
SAMPLE DESCRIPTION:	Brown
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0745

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	5/11/04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	mw-02
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.16
DEPTH TO WATER:	14.33
COLUMN LENGTH:	7.83
WELL VOLUME:	1.25
TOTAL VOLUME REMOVED:	6.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDY WINDY, 50's
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0843

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	5/11/04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.42
DEPTH TO WATER:	14.65
COLUMN LENGTH:	7.77
WELL VOLUME:	1.24
TOTAL VOLUME REMOVED:	6.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDS 60'S
SAMPLE DESCRIPTION:	LIGHT BROWN SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1130

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	5/11/04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	21.83
DEPTH TO WATER:	14.73
COLUMN LENGTH:	7.10
WELL VOLUME:	1.14
TOTAL VOLUME REMOVED:	5.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDS 60°S
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1032

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	5/11/04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.20
DEPTH TO WATER:	11.58
COLUMN LENGTH:	7.62
WELL VOLUME:	1.22
TOTAL VOLUME REMOVED:	6
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDS 60°S WINDY
SAMPLE DESCRIPTION:	LIGHT GRAY, ODOR, RAINBOWS
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1220

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	5/11/04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.64
DEPTH TO WATER:	12.14
COLUMN LENGTH:	7.50
WELL VOLUME:	1.2
TOTAL VOLUME REMOVED:	6
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	CLOUDS 50°S
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0927

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

CLIENT FORMER KC KWICK STOP

LOCATION BROOTEN, MN

FLUID LEVEL SHEET

8/2/04

NAME SD4

WELL NUMBER	TOC ELEV	REF POINT	MEAS POINT	DEPTH TO PRODUCT	REF POINT	MEAS POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV DEPTH TO WATER	ORDER	WELL NUMBER
MW-01					11	.55	10.45		19 93	10 21	1	MW-01
MW-02					14	.84	13.16		22 16	12 90	2	MW-02
MW-03					14	.58	13 42		22 42	13 08	5	MW-03
MW-04					14	.45	13.55		21 83	13 21	4	MW-04
MW-05					11	.68	10.32		19 20	10 06	6	MW-05
MW-06					11	.09	10.91		19 64	10 58	3	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS

8/2/04KC KwikSAMPLFM

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WATER SAMPLING DATA

DATE:	2-Aug-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-01
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.93
DEPTH TO WATER:	10.45
COLUMN LENGTH:	9.48
WELL VOLUME:	1.52
TOTAL VOLUME REMOVED:	7.5
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	Cloudy Sun 70's
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0903

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2-Aug-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-02
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.16
DEPTH TO WATER:	13.16
COLUMN LENGTH:	9.00
WELL VOLUME:	1.44
TOTAL VOLUME REMOVED:	7.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	SUNNY & CLOUDS 70's
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0950

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2-Aug-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.42
DEPTH TO WATER:	13.42
COLUMN LENGTH:	9.00
WELL VOLUME:	1.44
TOTAL VOLUME REMOVED:	7.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	SUNNY & CLOUDS 80'S
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1225

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2-Aug-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	21.83
DEPTH TO WATER:	13.55
COLUMN LENGTH:	8.28
WELL VOLUME:	1.33
TOTAL VOLUME REMOVED:	6.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	SUNNY & CLOUDS 70°S
SAMPLE DESCRIPTION:	LIGHT BROWN, SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1138

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2-Aug-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.20
DEPTH TO WATER:	10.32
COLUMN LENGTH:	8.88
WELL VOLUME:	1.42
TOTAL VOLUME REMOVED:	7.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	SUNNY & CLOUDS 80°S
SAMPLE DESCRIPTION:	LIGHT GRAY STRONG ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1335

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	2-Aug-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.64
DEPTH TO WATER:	10.91
COLUMN LENGTH:	8.73
WELL VOLUME:	1.39
TOTAL VOLUME REMOVED:	7
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	VOC's/TPH-GRO
WEATHER CONDITIONS:	SUN + CLOUDS 70°S
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1042

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

VAPOR MONITORING

Date: 8/2/04

Site: KC KWIK STOP, BROOTEN, MN

Location	PID	O2	LEL	Notes.
MH - 8	0.0		0	
MH - 9	0.0		0	
STORM DRAIN	0.0		0	
STORM DRAIN	0.0		0	
RES. 100				NO ONE HOME
110	0.0		0	NO ODOR
111	0.0		0	NO ODOR
120				NO ONE HOME

LOCATION BROOTEN, MN

FLUID LEVEL SHEET

11/3/04 NAME SD4

WELL NUMBER	TOC ELEV	REF POINT	MEAS POINT	DEPTH TO PRODUCT	REF POINT	MEAS. POINT	DEPTH TO WATER	PRODUCT THICKNESS	TOTAL DEPTH	PREV DEPTH TO WATER	ORDER	WELL NUMBER
MW-01					11	.48	10.52		19 93	10 21	1	MW-01
MW-02					14	.80	13.20		22 16	12 90	2	MW-02
MW-03					14	.51	13.49		22 42	13 08	5	MW-03
MW-04					14	.42	13.58		21 83	13 21	4	MW-04
MW-05					11	.62	10.38		19 20	10 06	6	MW-05
MW-06					11	.03	10.97		19 64	10 58	3	MW-06

* = Contains Product

OBSERVATIONS/COMMENTS _____

VAPOR MONITORING

Date: 11/3/04

Site: KC KWIKSTOP - 32007EN

Location	PID	O2	LEL	Notes:
MH-8	0.0		0	
MH-9	0.0		0	
2 STORMS.	0.0		0	
100				NO ONE HOME
110	128.7		0	
111	0.0		0	
120				NO ONE HOME

WATER SAMPLING DATA

DATE:	3-Nov-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-01
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.93
DEPTH TO WATER:	10.52
COLUMN LENGTH:	9.41
WELL VOLUME:	1.51
TOTAL VOLUME REMOVED:	7.5
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 30°'S
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0754

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	3-Nov-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	mw-02
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	22.16
DEPTH TO WATER:	13.20
COLUMN LENGTH:	8.96
WELL VOLUME:	1.43
TOTAL VOLUME REMOVED:	7.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUNI 30°S
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0846

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	3-Nov-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-03
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	≥22.42
DEPTH TO WATER:	13.49
COLUMN LENGTH:	8.93
WELL VOLUME:	1.43
TOTAL VOLUME REMOVED:	7.25
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 40'S
SAMPLE DESCRIPTION:	LIGHT BROWN - SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1140

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	3-Nov-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-04
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	21.83
DEPTH TO WATER:	13.58
COLUMN LENGTH:	8.25
WELL VOLUME:	1.32
TOTAL VOLUME REMOVED:	6.75
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 40°S
SAMPLE DESCRIPTION:	LIGHT BROWN. SLIGHT ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1038

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	3-Nov-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	MW-05
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.20
DEPTH TO WATER:	10.38
COLUMN LENGTH:	8.82
WELL VOLUME:	1.41
TOTAL VOLUME REMOVED:	7
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUN 40°S
SAMPLE DESCRIPTION:	LIGHT GRAY - STRONG ODOR
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	1232

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!

WATER SAMPLING DATA

DATE:	3-Nov-04
PROJECT:	FORMER KC KWIK STOP
CITY/STATE/ZIP:	BROOTEN MN
LOCATION:	mw-06
KEY NUMBER:	
CASING DIAMETER:	2-inch
WELL DEPTH:	19.64
DEPTH TO WATER:	10.97
COLUMN LENGTH:	8.67
WELL VOLUME:	1.39
TOTAL VOLUME REMOVED:	7
	POLY BAILER
	POLY BAILER
SAMPLE ANALYSIS:	BTEX/TPH-GRO
WEATHER CONDITIONS:	SUNNY 40°S
SAMPLE DESCRIPTION:	LIGHT BROWN
REMARKS:	
SAMPLER:	sdh
SAMPLE COLLECTION TIME:	0942

NOTE: For 2-inch wells, multiply column length in feet times 0.16 to obtain one (1) well volume in gallons.

REMOVE 5 well volumes before sampling!