BARR

Barr Engineering Company
4700 West 77th Street • Minneapolis, MN 55435-4803
Phone: 952-832-2600 • Fax: 952-832-2601 • www.barr.com

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EPA Region 5 Records Ctr.
378984

May 16, 2007

Mr. Gary Krueger
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155

Re: Former Nutting Truck and Caster Company Site
Faribault, Minnesota

Dear Mr. Krueger:

The attached Fourth Quarter 2006 Tier 2 Monitoring Report for the Former Nutting Truck and Caster Company Site (Site) was prepared on behalf of Prairie Avenue Leasing, Ltd. The samples were collected and analyzed as required by the Long-Term Monitoring Plan (Barr, 2003) and the Final Close Out Report (Barr, 2003) for the Site.

Water quality concentrations in samples from the former groundwater extraction wells PW17 and PW18 have remained stable or decreased slightly over the past three years since the pumps were removed. Trichloroethylene (TCE) was detected at concentrations of 17 ug/L and 18 ug/L in source wells B4 and W13, and 3.1 ug/L and 8.6 ug/L in former extraction wells PW17 and PW18. No VOCs have been detected in samples from downgradient sentinel wells W8, W12 and W14. It is unlikely that this trend will change since the source in the soil was removed over 20 years ago and the groundwater extraction system operated for approximately 10 years.

Monitoring will continue at the Site. However, because TCE concentrations continue to decrease, source removal has been completed, and VOCs have not been detected in downgradient monitoring wells, Barr requests that MPCA and U.S. EPA consider discontinuing groundwater monitoring and close the Nutting Truck and Caster Company file. Following Site closure, the Site should be removed from the U.S. EPA National Priorities List and Minnesota's Permanent List of Priorities.

Please contact me if you have any questions or comments regarding this request. Your timely response will be greatly appreciated.

Sincerely,

Martha Tyson for:

Janet Dalgleish

c: Stewart Shaft
Mark Kaster

Fourth Quarter 2006 Tier 2 Monitoring Report
Former Nutting Truck and Caster Company Site

Nutting Truck and Caster Site — **Monitoring Period: Fourth Quarter 2006**
Tier 2 Groundwater Monitoring Program — **Date: October 23, 2006**

Sample Collection and Analysis Completeness: 100%

Samples were collected from wells B4, B5, B8, B12, W13, W14, PW17, and PW18 and analyzed by Legend Technical Services for trichloroethylene, 1,1-dichlorothylene, cis-1,2-dichlorothylene, and trans-1,2-dichlorothylene and vinyl chloride.

Contingency Plan Criteria Elements

Sentinel Wells B8, B12, W14

COC concentrations are less than detection limit: Yes

Wells PW17 and PW18

TCE concentration trend is stable or decreasing: Yes, see Figures 3a and 3b

Quality Assurance Review (See Laboratory Report for Details):

Holding Time: All holding times were met by Legend Technical Services.

Duplicates: PW17, Relative Percent Difference was less than 10% for TCE (the only detected compound). *Duplicate results are included on Table 2.*

Blanks: All parameters were reported as less than the detection limit in the trip, field and method blanks.

Surrogate Recovery: Met QA/QC requirements.

Matrix Spike Duplicate Recovery: Met QA/QC requirements.

List of Tables:	**Table 1 Groundwater Elevations** **Table 2 Water Quality Data**
List of Figures:	**Figure 1 Site Map** **Figure 2 Groundwater Elevations** **Figures 3A and 3B Mann Kendall Test Analysis**
Attachments	**Attachment A Field Data Report** **Attachment B Laboratory Data Report**

Report was prepared by:

Marta Nelson for: **Janet B. Dalgleish PG No. 30407**	**Date: May 15, 2007**

Tables

Table 1
Tier 2 Monitoring Results
Groundwater Elevation Data
1996-2006

(elevations in ft./MSL)

Location	B4	B5	B8	B12	W13	W14	PW17	PW18
11/25/1987	974.44	--	972.37	972.06	974.83	973.51	972.38	972.41
12/03/1987	973.89	--	972.77	970.73	974.19	971.97	946.96	971.03
12/11/1987	974.83	--	972.66	971.86	975.15	972.90	933.59	971.14
12/21/1987	973.82	--	972.64	970.72	974.16	971.88	933.59	971.58
01/13/1988	973.71	--	972.64	970.62	974.03	971.85	940.38	971.56
02/04/1988	973.64	--	972.62	970.59	973.98	971.82	938.41	971.68
03/21/1988	974.16	--	972.86	970.89	974.36	972.10	933.29	972.17
05/18/1988	974.03	--	972.04	971.79	974.33	972.16	933.28	972.34
07/27/1988	973.58	--	971.45	971.35	973.74	971.61	942.56	972.02
09/01/1988	973.27	--	971.23	970.97	973.53	971.30	949.86	962.17
11/18/1988	973.14	--	971.15	970.93	973.35	971.27	951.68	961.94
04/07/1989	--	--	--	--	--	--	945.35	964.95
05/15/1989	973.46	--	971.51	971.30	973.65	971.63	950.04	965.89
08/16/1989	*972.81*	--	--	--	*973.0*	--	*951.68*	*964.98*
10/23/1989	972.54	--	970.45	970.50	972.76	970.86	947.09	964.49
01/02/1990	--	--	--	--	972.54	--	937.61	965.04
05/08/1990	972.55	--	970.66	970.76	972.76	970.89	950.17	962.97
08/20/1990	--	--	--	--	--	--	933.39	961.99
12/11/1990	973.15	--	971.02	971.11	973.40	971.42	932.99	959.76
03/11/1991	--	--	--	--	973.08	--	933.31	961.81
06/18/1991	974.63	--	972.67	972.47	974.85	972.79	933.53	--
09/10/1991	--	--	--	--	--	--	946.68	960.22
11/21/1991	974.09	--	972.11	971.87	974.43	972.22	943.93	962.04
06/11/1992	974.86	--	972.75	972.50	975.20	972.85	949.69	967.75
09/22/1992	--	--	--	--	--	--	955.49	965.84
11/24/1992	974.75	--	--	--	975.15	--	948.14	965.00
03/29/1993	--	--	--	--	--	--	961.48	965.09
07/14/1993	976.74	--	974.51	974.24	977.13	974.63	964.16	966.60
09/08/1993	--	--	--	--	--	--	974.28	970.89
11/11/1993	975.68	--	--	--	976.15	--	966.19	966.39
05/12/1994	975.41	978.84	973.13	972.86	975.80	973.24	973.44	966.51
10/25/1994	975.60	--	--	--	975.96	--	968.19	967.04
05/24/1995	975.03	978.34	972.73	972.50	975.39	972.86	967.87	963.09
09/25/1995	974.63	--	--	--	975.07	--	962.47	966.44
08/02/1996	975.30	978.34	972.58	972.36	975.35	972.70	969.02	962.29
11/20/1996	974.49	--	--	--	974.74	--	952.89	961.59
05/30/1997	974.58	--	972.42	972.16	975.00	972.54	950.75	965.39
11/26/1997	974.94	--	--	--	975.44	--	950.84	966.39
06/02/1999	*975.51*	*978.90*	*973.38*	*973.12*	*975.95*	*973.50*	*958.19*	*963.59*
05/02/2000	974.16	977.45	972.10	969.82	974.61	972.19	964.63	961.66
03/21/2001	973.75	976.84	971.76	971.52	974.15	971.88	966.74	961.61
05/08/2002	973.84	976.97	971.78	971.56	974.27	971.93	955.92	961.59
04/17/2003	973.48	976.36	971.50	971.25	973.84	971.60	966.41	972.03
05/12/2004	973.12	975.72	971.24	970.96	973.69	971.33	955.99	961.91
12/02/2004	974.10	976.99	972.08	971.84	974.39	972.17	972.78	972.75
05/10/2005	974.09	976.78	971.99	971.72	974.36	972.08	972.71	972.68
10/25/2005	974.84	977.9	972.58	972.33	975.1	972.68	973.38	973.35
5/24/2006	975.07	978.12	972.82	972.54	975.38	972.91	973.59	973.56
10/23/2006	974.03	977.07	971.93	971.68	974.34	972.02	972.65	972.60

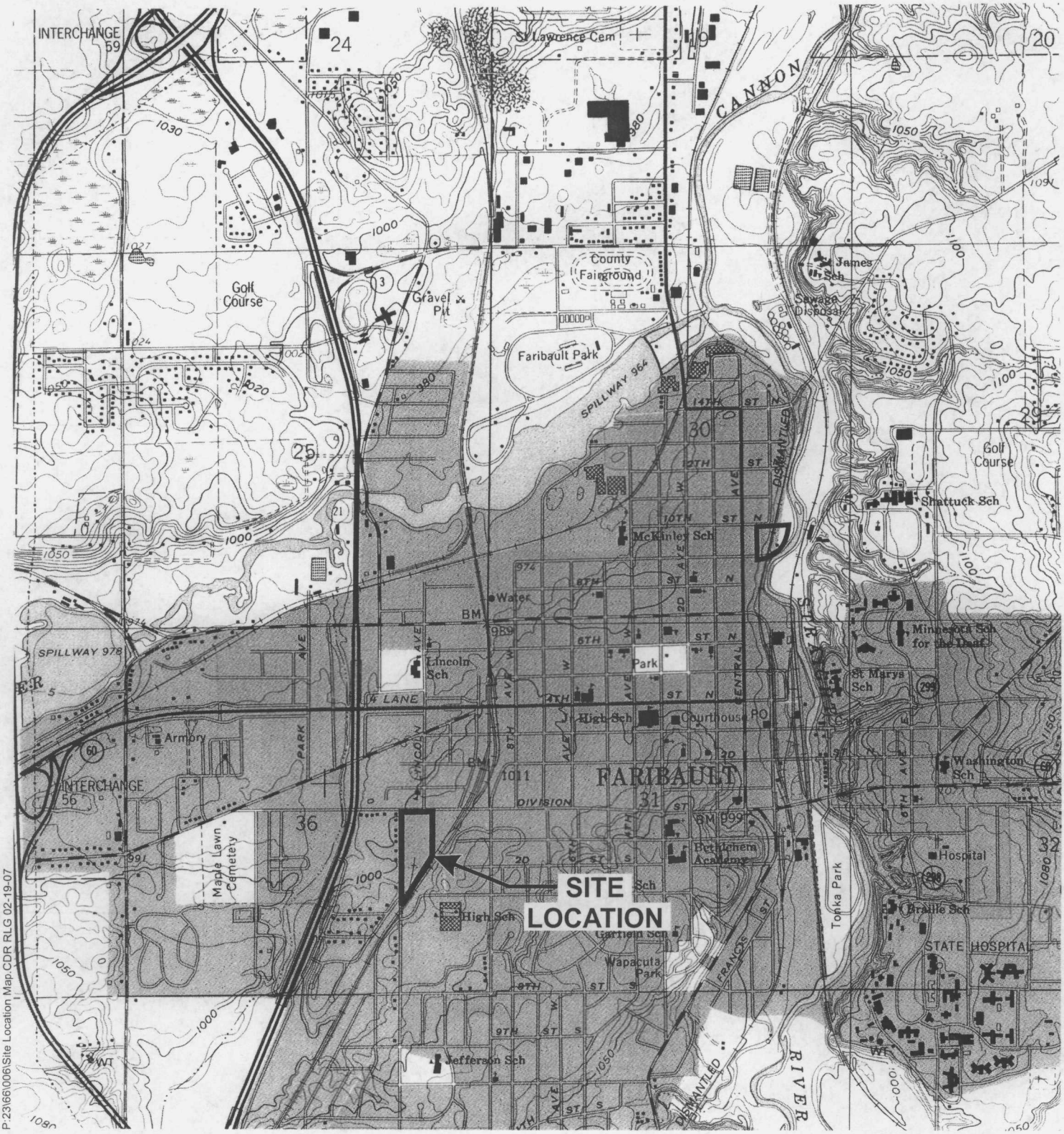
-- Not measured.

Table 2
Tier 2 Monitoring Results
Selected Volatile Organic Compounds
4th Quarter 2006

(concentrations in ug/L)

Location Date Lab Dup	B4 10/23/2006 Legend	B5 10/23/2006 Legend	B8 10/23/2006 Legend	B12 10/23/2006 Legend	W13 10/23/2006 Legend	W14 10/23/2006 Legend	PW17 10/23/2006 Legend	PW17 10/23/2006 Legend DUP	PW18 10/23/2006 Legend
1,1-Dichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethylene, cis	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethylene, trans	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene	**18**	<1.0	<1.0	<1.0	**17**	<1.0	**3.1**	**3.1**	**8.6**
Vinyl chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Figures



P:23\66\006\Site Location Map.CDR RLG 02-19-07

Source: USGS 7.5' Quadrangle, Faribault, MN 1991

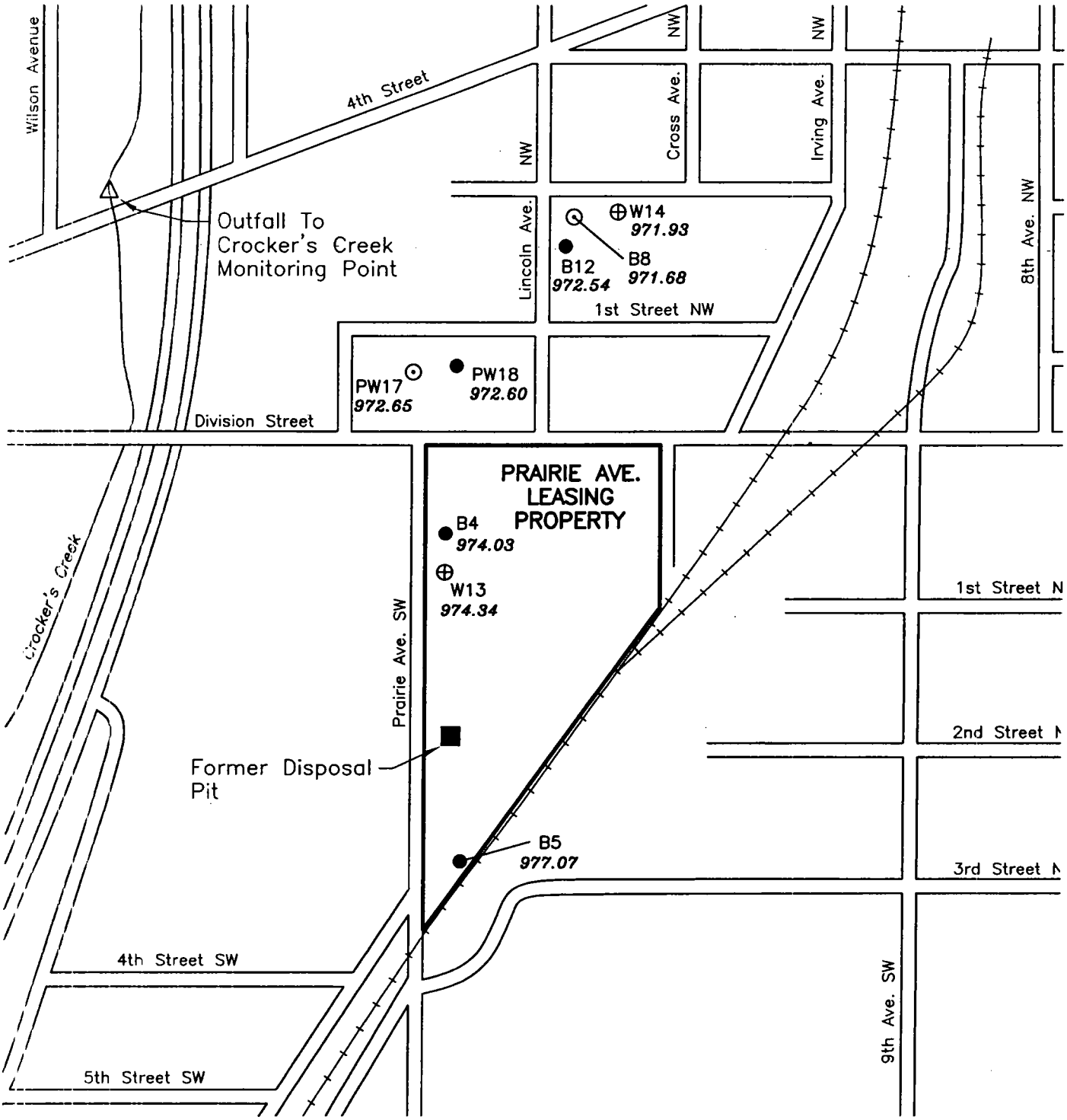
QUADRANGLE LOCATION

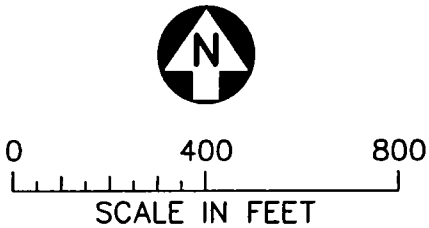
0 2000 4000

Approximate Scale in Feet

Figure 1

SITE LOCATION MAP
Prairie Avenue Leasing
Faribault, Minnesota





RLG M:\CAD\2366006\25700_1.DWG Plot at 1 02/19/2007 15:29:25

Monitoring Wells

- Glacial Drift Aquifer
- St. Peter Sandstone Aquifer
- Praire du Chien Aquifer

Figure 2

GROUNDWATER ELEVATIONS
OCTOBER 2006
Nutting Truck and Caster Site
Faribault, Minnesota

Figure 3A

MANN-KENDALL STATISTICAL ANALYSIS

PW-17 Trichloroethene

Trichloroethene Concentrations

Date	06/02/1999	05/02/2000	03/21/2001	05/08/2002	04/17/2003	05/12/2004	12/02/2004	05/10/2005	10/25/2005	05/24/2006	10/23/2006	
Sampling Event	Event 1	Event 2	Event 3	Event 4	Event 5	Event 6	Event 7	Event 8	Event 9	Event 10	Event 11	
Trichloroethene Concentrations	4.9	4	4	3.3	6.2	2.6	3.5	3	3.2	3.3	3.1	**Sum of Rows**
Compare to Event 1		1	-1	-1	1	-1	-1	-1	-1	-1	-1	-6
Compare to Event 2			0	-1	1	-1	-1	-1	-1	-1	-1	-6
Compare to Event 3				-1	1	-1	-1	-1	-1	-1	-1	-6
Compare to Event 4					1	-1	1	-1	-1	0	-1	-2
Compare to Event 5						-1	-1	-1	-1	-1	-1	-6
Compare to Event 6							1	1	1	1	1	5
Compare to Event 7								-1	-1	-1	-1	-4
Compare to Event 8									1	1	1	3
Compare to Event 9										1	-1	0
Compare to Event 10											-1	-1
	11	10	9	8	7	6	5	4	3	2	1	

Mann-Kendall Statistic (Total) =	-23.000
Total Number of Variables	55.000
Standard Deviation	1.026
tau	-0.418
Mean	3.736
COV	0.275
VAR(S)	164.000
Z	-1.718
Probability	0.043
MAROS Trend Conclusion	Decreasing

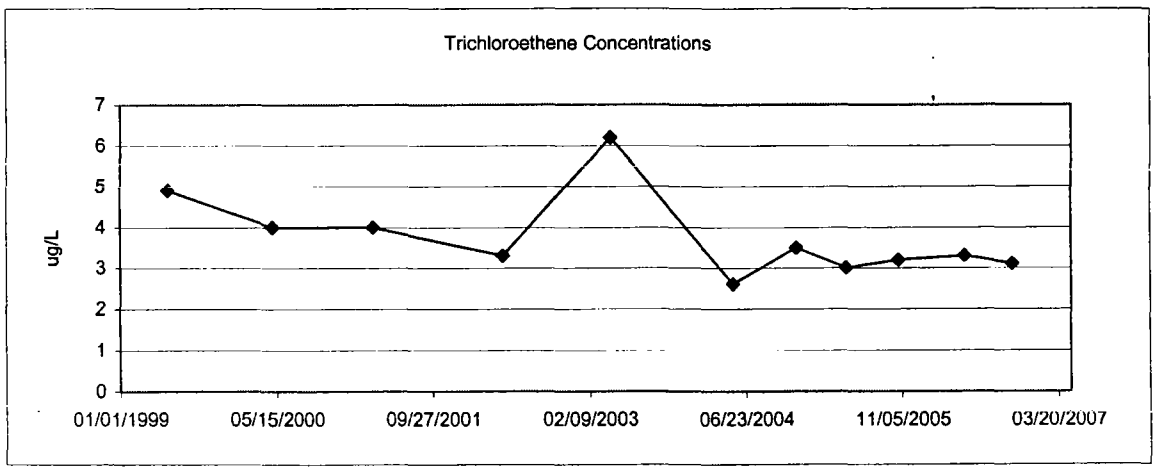


Figure 3B

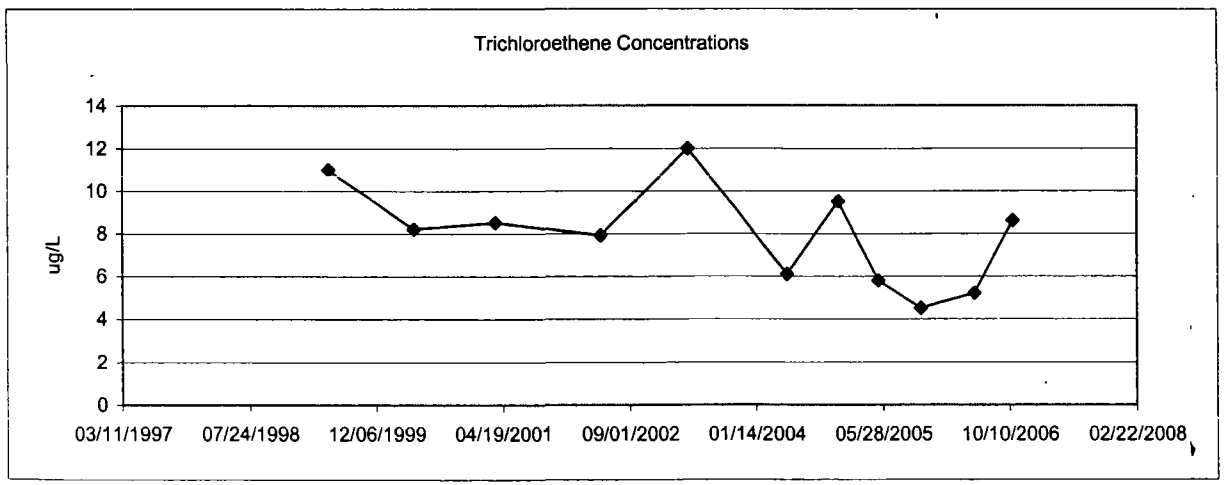
MANN-KENDALL STATISTICAL ANALYSIS

PW-18

Trichloroethene Concentrations

Date	06/02/1999	05/02/2000	03/21/2001	05/08/2002	04/17/2003	05/12/2004	12/02/2004	05/10/2005	10/25/2005	05/24/2006	10/23/2006	
Sampling Event	Event 1	Event 2	Event 3	Event 4	Event 5	Event 6	Event 7	Event 8	Event 9	Event 10	Event 11	
Contaminant Concentration	11	8.2	8.5	7.9	12	6.1	9.5	5.8	4.5	5.2	8.0	Sum of Rows
Compare to Event 1		-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-8
Compare to Event 2			1	-1	1	-1	1	-1	-1	-1	1	-1
Compare to Event 3				-1	1	-1	1	-1	-1	-1	1	-2
Compare to Event 4					1	-1	1	-1	-1	-1	1	-1
Compare to Event 5						-1	-1	-1	-1	-1	-1	-6
Compare to Event 6							1	-1	-1	-1	1	-1
Compare to Event 7								-1	-1	-1	-1	-4
Compare to Event 8									-1	-1	1	-1
Compare to Event 9										1	1	2
Compare to Event 10											1	1
	11	10	9	8	7	6	5	4	3	2	1	

Mann-Kendall Statistic (Total) =	-21
Total Number of Variables	55.000
Standard Deviation	2.375
tau	-0.382
Mean	7.936
COV	0.299
VAR(S)	165.000
Z	-1.557
Probability	0.060
MAROS Trend Conclusion	Probably Decreasing



5/16/2007 9:08 AM
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Attachments

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

88 Empire Drive
St. Paul, MN 55103
Tel: 651.642.1150
Fax: 651.642.1239

M-1 = PW17

November 01, 2006

RECEIVED
NOV - 3 2006
BARR ENGINEERING CO.

Ms. Marta Nelson
Barr Engineering Co.
4700 W 77th St
Minneapolis, MN 55435

Work Order Number: 0604947
RE: 23/66-006

Enclosed are the results of analyses for samples received by the laboratory on 10/25/06. 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

Lisa Bloomgren
Project Manager
lbloomgren@legend-group.com

Shanna Miller
Client Representative
smiller@legend-group.com

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.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co. 4700 W 77th St Minneapolis MN, 55435	Project: 23/66-006 Project Number: 23/66-006Y06 Project Manager: Ms. Marta Nelson	**Date Reported:** November 01, 2006

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W14	0604947-01	Groundwater	10/23/06 12:00	10/25/06 11:05
B12	0604947-02	Groundwater	10/23/06 12:55	10/25/06 11:05
B8	0604947-03	Groundwater	10/23/06 13:55	10/25/06 11:05
B5	0604947-04	Groundwater	10/23/06 14:40	10/25/06 11:05
W13	0604947-05	Groundwater	10/23/06 17:05	10/25/06 11:05
B4	0604947-06	Groundwater	10/23/06 17:35	10/25/06 11:05
PW16	0604947-07	Groundwater	10/23/06 18:50	10/25/06 11:05
PW17	0604947-08	Groundwater	10/23/06 20:05	10/25/06 11:05
M-1	0604947-09	Groundwater	10/23/06 00:00	10/25/06 11:05
FB-1	0604947-10	Liquid	10/23/06 00:00	10/25/06 11:05
Trip Blank	0604947-11	Liquid	10/23/06 00:00	10/25/06 11:05

Shipping container information

Default Cooler Temperature: 2.4

Received on ice: Yes
Received on melt water: No
Custody seals: No

Temperature blank was present
Ambient: No

Received on blue ice: No
Acceptable (IH/ISO only): No

Case Narrative:

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LEGEND
Technical Services, Inc.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co. 4700 W 77th St Minneapolis MN, 55435	Project: 23/66-006 Project Number: 23/66-006Y06 Project Manager: Ms. Marta Nelson	**Date Reported:** November 01, 2006

VOC GCMS 8260B
Legend Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W14 (0604947-01) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 12:00										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	<1.0	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*			*80-120 %*		"	"	"	"	
Surrogate: Dibromofluoromethane	*107*			*80-120 %*		"	"	"	"	
Surrogate: Toluene-d8	*103*			*80-120 %*		"	"	"	"	
B12 (0604947-02) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 12:55										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	<1.0	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*106*			*80-120 %*		"	"	"	"	
Surrogate: Dibromofluoromethane	*110*			*80-120 %*		"	"	"	"	
Surrogate: Toluene-d8	*104*			*80-120 %*		"	"	"	"	
B8 (0604947-03) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 13:55										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	<1.0	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*			*80-120 %*		"	"	"	"	
Surrogate: Dibromofluoromethane	*108*			*80-120 %*		"	"	"	"	
Surrogate: Toluene-d8	*103*			*80-120 %*		"	"	"	"	

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.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co. 4700 W 77th St Minneapolis MN, 55435	Project: 23/66-006 Project Number: 23/66-006Y06 Project Manager: Ms. Marta Nelson	**Date Reported:** November 01, 2006

VOC GCMS 8260B
Legend Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B5 (0604947-04) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 14:40										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	<1.0	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*106*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*111*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*105*			*80-120*	*%*	"	"	"	"	
W13 (0604947-05) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 17:05										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	**1.6**	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	**17**	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*104*			*80-120*	*%*	"	"	"	"	
B4 (0604947-06) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 17:35										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	**18**	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*108*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*104*			*80-120*	*%*	"	"	"	"	

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LEGEND
Technical Services, Inc.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co. 4700 W 77th St Minneapolis MN, 55435	Project: 23/66-006 Project Number: 23/66-006Y06 Project Manager: Ms. Marta Nelson	**Date Reported:** November 01, 2006

VOC GCMS 8260B
Legend Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PW18 (0604947-07) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 18:50										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	**8.6**	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*108*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*103*			*80-120*	*%*	"	"	"	"	
PW17 (0604947-08) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 20:05										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	**3.1**	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.9*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*104*			*80-120*	*%*	"	"	"	"	
M-1 (0604947-09) Groundwater Received:10/25/06 11:05 Sampled:10/23/06 00:00										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	**3.1**	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*110*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*104*			*80-120*	*%*	"	"	"	"	

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LEGEND
Technical Services, Inc.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co.	Project: 23/66-006	
4700 W 77th St	Project Number: 23/66-006Y06	Date Reported:
Minneapolis MN, 55435	Project Manager: Ms. Marta Nelson	November 01, 2006

VOC GCMS 8260B
Legend Technical Services, Inc

Analyte	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FB-1 (0604947-10) Liquid Received:10/25/06 11:05 Sampled:10/23/06 00:00										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	<1.0	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*110*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*104*			*80-120*	*%*	"	"	"	"	
Trip Blank (0604947-11) Liquid Received:10/25/06 11:05 Sampled:10/23/06 00:00										
1,1-Dichloroethene	<1.0	1.0	0.20	ug/L	1	B6J3020	10/30/06	10/30/06	EPA 8260B	
Benzene	<1.0	1.0	0.039	ug/L	1	"	"	"	"	
cis-1,2-Dichloroethene	<1.0	1.0	0.29	ug/L	1	"	"	"	"	
trans-1,2-Dichloroethene	<1.0	1.0	0.17	ug/L	1	"	"	"	"	
Trichloroethene	<1.0	1.0	0.28	ug/L	1	"	"	"	"	
Vinyl chloride	<1.0	1.0	0.31	ug/L	1	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*			*80-120*	*%*	"	"	"	"	
Surrogate: Dibromofluoromethane	*110*			*80-120*	*%*	"	"	"	"	
Surrogate: Toluene-d8	*106*			*80-120*	*%*	"	"	"	"	

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LEGEND
Technical Services, Inc.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co. 4700 W 77th St Minneapolis MN, 55435	Project: 23/66-006 Project Number: 23/66-006Y06 Project Manager: Ms. Marta Nelson	**Date Reported:** November 01, 2006

VOC GCMS 8260B - Quality Control
Legend Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B6J3020 - Volatiles										
Blank (B6J3020-BLK1)				Prepared & Analyzed: 10/30/06						
1,1-Dichloroethene	<1.0	1.0	ug/L							
Benzene	<1.0	1.0	ug/L							
cis-1,2-Dichloroethene	<1.0	1.0	ug/L							
trans-1,2-Dichloroethene	<1.0	1.0	ug/L							
Trichloroethene	<1.0	1.0	ug/L							
Vinyl chloride	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*62.0*		*ug/L*	*61.0*		102	*80-120*			
Surrogate: Dibromofluoromethane	*65.9*		*ug/L*	*61.0*		108	*80-120*			
Surrogate: Toluene-d8	*62.6*		*ug/L*	*61.0*		103	*80-120*			
LCS (B6J3020-BS1)				Prepared & Analyzed: 10/30/06						
1,1-Dichloroethene	51.0	1.0	ug/L	50.0		102	80-125			
Benzene	49.5	1.0	ug/L	50.0		99.0	80-120			
cis-1,2-Dichloroethene	51.9	1.0	ug/L	50.0		104	80-120			
trans-1,2-Dichloroethene	52.1	1.0	ug/L	50.0		104	80-122			
Trichloroethene	50.0	1.0	ug/L	50.0		100	75-125			
Vinyl chloride	49.5	1.0	ug/L	50.0		99.0	70-125			
Surrogate: 4-Bromofluorobenzene	*68.1*		*ug/L*	*61.0*		112	*80-120*			
Surrogate: Dibromofluoromethane	*64.5*		*ug/L*	*61.0*		106	*80-120*			
Surrogate: Toluene-d8	*65.5*		*ug/L*	*61.0*		107	*80-120*			
Matrix Spike (B6J3020-MS1)		**Source: 0604947-01**		Prepared & Analyzed: 10/30/06						
1,1-Dichloroethene	52.2	1.0	ug/L	50.0	<1.0	104	80-125			
Benzene	49.5	1.0	ug/L	50.0	<1.0	99.0	80-120			
cis-1,2-Dichloroethene	52.7	1.0	ug/L	50.0	<1.0	105	80-120			
trans-1,2-Dichloroethene	52.4	1.0	ug/L	50.0	<1.0	105	80-124			
Trichloroethene	50.7	1.0	ug/L	50.0	<1.0	101	80-120			

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LEGEND
Technical Services, Inc.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co. 4700 W 77th St Minneapolis MN, 55435	Project: 23/66-006 Project Number: 23/66-006Y06 Project Manager: Ms. Marta Nelson	**Date Reported:** *November 01, 2006*

VOC GCMS 8260B - Quality Control
Legend Technical Services, Inc

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B6J3020 - Volatiles										
Matrix Spike (B6J3020-MS1)		**Source: 0604947-01**		Prepared & Analyzed: 10/30/06						
Vinyl chloride	49.8	1.0	ug/L	50.0	<1.0	99.6	70-130			
Surrogate: 4-Bromofluorobenzene	*65.9*		*ug/L*	*61.0*		108	*80-120*			
Surrogate: Dibromofluoromethane	*64.9*		*ug/L*	*61.0*		106	*80-120*			
Surrogate: Toluene-d8	*64.2*		*ug/L*	*61.0*		105	*80-120*			
Matrix Spike Dup (B6J3020-MSD1)		**Source: 0604947-01**		Prepared & Analyzed: 10/30/06						
1,1-Dichloroethene	51.6	1.0	ug/L	50.0	<1.0	103	80-125	1.16	20	
Benzene	50.1	1.0	ug/L	50.0	<1.0	100	80-120	1.20	20	
cis-1,2-Dichloroethene	52.2	1.0	ug/L	50.0	<1.0	104	80-120	0.953	20	
trans-1,2-Dichloroethene	52.6	1.0	ug/L	50.0	<1.0	105	80-124	0.381	20	
Trichloroethene	51.6	1.0	ug/L	50.0	<1.0	103	80-120	1.76	20	
Vinyl chloride	49.3	1.0	ug/L	50.0	<1.0	98.6	70-130	1.01	20	
Surrogate: 4-Bromofluorobenzene	*67.4*		*ug/L*	*61.0*		110	*80-120*			
Surrogate: Dibromofluoromethane	*66.0*		*ug/L*	*61.0*		108	*80-120*			
Surrogate: Toluene-d8	*64.5*		*ug/L*	*61.0*		106	*80-120*			

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LEGEND
Technical Services, Inc.

88 Empire Drive
St Paul, MN 55103
651.642.1150

Barr Engineering Co.	Project: 23/66-006	
4700 W 77th St	Project Number: 23/66-006Y06	**Date Reported:**
Minneapolis MN, 55435	Project Manager: Ms. Marta Nelson	November 01, 2006

Notes and Definitions

<	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.

BARR

Chain of Custody

4700 West 77th Street
Minneapolis, MN 55435-4803
(952) 832-2600 06004947

Project Number: 23/66-086Y06

Project Name

№ 23186

COC ____ of ____

Project Manager: MSH

Project Contact: MSH

Sampled by: KSJ

Laboratory: Legend

Number of Containers/Preservative — Water: Volatile Organics (Pres.) *1; Semivolatile Organics *2; Dissolved Metals (HNO_3); Total Metals (HNO_3); General (Unpreserved) *3; Cyanide (NaOH); Nutrients (H_2SO_4) *4; Oil and Grease (H_2SO_4); Sulfide (Zn Acetate); Methane; Bacteria ($Na_2S_2O_3$); DRO (HCl). Soil: VOCs (2-oz tared MeOH) *1; GRO, BTEX (2-oz tared MeOH) *1; DRO (2-oz tared) - 25 grams; Metals (2-oz unpreserved); SVOCs (2 or 4-oz unpres.) *2; % Moisture (plastic vial, unpres.)

	Sample Identification	Collection Date	Collection Time	Matrix: Water	Matrix: Soil	Type: Grab	Type: Comp.	Type: QC	Volatile Organics (Pres.) *1	Total No. Of Containers	Remarks
01	1. W14	10/23/06	1200	✓		✓			3	3	Partial List VOC's
02	2. B12		1255	✓		✓			3	3	
03	3. B8		1355	✓		✓			3	3	
04	4. B5		1440	✓		✓			3	3	
05	5. W13		1705	✓		✓			3	3	
06	6. B4		1735	✓		✓			3	3	
07	7. PW18		1850	✓		✓			3	3	
08	8. PW17		2005	✓		✓			3	3	
09	9. M-1			✓		✓		✓	3	3	
10	10. FB-1			✓				✓	3	3	
11	11. TB	↓		✓				✓	1	1	on ice
	12.										2.4°C

Common Parameter/Container - Preservation Key

- *1 - Volatile Organics = BTEX, GRO, TPH, Full List
- *2 - Semivolatile Organics = PAHs, PCP, Dioxins, Full List, Herbicide/Pesticide/PCBs
- *3 - General = pH, Chloride, Flouride, Alkalinity, TSS, TDS, TS, Sulfate
- *4 - Nutrients = COD, TOC, Phenols, Ammonia Nitrogen, TKN

Relinquished By:	On Ice?	Date	Time	Received by:	Date	Time
Dan Hanneser	(Y) N					
Relinquished By:	On Ice? Y N	Date	Time	Received by: Rachel Meisner LTS	Date 10/25/06	Time 11:05

Samples Shipped VIA: ☐ Air Freight ☐ Federal Express ☐ Sampler ☐ Other ____

Air Bill Number:

Distribution: White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator

H:RLG\STDFORMS\Chain Of Custody Form RLG Rev. 07/01/05

BARR

FIELD SAMPLING REPORT

Date: 10/23/2006

Project: Prairie Avenue Leasing

Contact: Marta Nelson
Barr Engineering Company
4700 W. 77th Street
Minneapolis, MN 55435-4803

Field Sampling

2nd Tier groundwater monitoring was conducted at the Prairie Avenue site on October 23, 2006

Field Report

Attachments:

* Field log cover sheet
* Field log data summary
* Field log data sheets
* Meter calibration summary
* COC # 23186
* Analytical parameter table

Laboratory Analysis Status

Samples were delivered to Legend Technical Laboratories on October 25, 2006

Kim Johannessen
Sr. Environmental Technician

BARR

FIELD LOG COVER SHEET
WATER SAMPLING

Client: **Prairie Avenue Leasing** **Project No:** **23/66-006**

Technician: **KSJ** **Sampling Period:** 10/23/2006

Date	Temperature	Wind Speed	Wind Direction	Cloud Cover
10/23/2006	37-45	5-15	NW	overcast

Summary of Field Activities

* Routine methods for purging and sampling for this site were followed.
* Blind duplicate sample M-1 was collected at PW17
* Field blank FB-1 was collected at PW17
* All wells were in good condition and sampling was consistent with previous events.

WATER LEVEL REPORT

Project: PRAIRIE AVE. LEASING

Project Number: 23/66-006

Staff: KSJ Date: 10-23-06

Monitoring Location	Measuring point elevation	Water level depth	Total well depth	Static water elevation	Comments
B4	1006.54	32.51	44.0	974.03	
B5	1008.74	31.67	40.0	977.07	
B8	999.28	27.35	67.0	971.93	
B12	998.16	26.48	47.0	971.68	
W13	1006.74	32.40	96.0	974.34	
W14	999.00	26.98	79.0	972.02	
B15	1007.43	32.40	43.0	975.03	
PW17	1007.39	34.74	73.0	972.65	
PW18	1007.39	34.79	48.5	972.60	

WATER LEVEL REPORT

Project: PRAIRIE AVE. LEASING

Project Number: 23/66-006

Staff: KSJ Date: 10-23-06

Monitoring Location	Measuring point elevation	Water level depth	Total well depth	Static water elevation	Comments
B4	1006.54	32.51	44.0	--	
B5	1008.74	31.67	40.0	--	
B8	999.28	27.35	67.0	--	
B12	998.16	26.48	47.0	--	
W13	1006.74	32.40	96.0	--	
W14	999.00	26.98	79.0	--	
B15	1007.43		43.0	--	
PW17	1007.39	34.74	73.0	--	
PW18	1007.39	34.79	48.5	--	

FIELD DATA SUMMARY

Project: PRAIRIE AVE. LEASING

Project number: 23/66-006

Staff: KSJ

Monitoring location	Date	Temp (oC)	Conductivity @ 25 oC	pH	Eh	DO mg/l
W14	**10/23/06**	**10.2**	**593**	**7.17**	**-55**	**1.25**
B12	"	**10.9**	**657**	**7.12**	**21**	**2.48**
B8	"	**10.5**	**585**	**7.19**	**-63**	**0.27**
B5	"	**10.9**	**643**	**6.78**	**102**	**7.12**
B4	"	**12.2**	**826**	**6.82**	**194**	**5.63**
W13	"	**11.5**	**659**	**7.04**	**-24**	**2.01**
PW17	"	**10.9**	**648**	**7.15**	**-32**	**0.68**
PW18	"	**11.1**	**660**	**7.05**	**129**	**2.08**

BARR

Barr Engineering Company
Field Log Data Sheet

Client:	Prairie Ave Leasing	Monitoring Point:	W 14
Location:	Faribault	Date:	10-23-06
Project #:	23/66-006	Sample Time:	1200

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	4"	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	79	0944/34g	10.3	535	7.63	-207	4.08	clear
Static water level:*	26.98	1018/68g	10.2	569	7.39	-77	1.29	"
Water depth:*	52	1052/102g	10.2	587	7.27	-62	1.58	"
Well volume: (gal)	34	1126/136g	10.2	589	7.21	-59	1.37	"
Purge method:	Submersible	1200/170g	10.2	593	7.17	-55	1.25	"
Sample method:	"							
Start time:	0910	Odor: none detected						
Stop time:	1200	Purge Appearance: Clear						
Duration: (minutes)	170	Sample Appearance: clear						
Rate, gpm:	1	Comments:						
Volume, purged:	170 gal							
Duplicate collected?	–							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: ✓ COLLAR: ✓ LOCK: ✓ OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

Barr Engineering Company
Field Log Data Sheet

Client: Prairie Ave Leasing	Monitoring Point: B12
Location: Faribault	Date: 10-23-06
Project #: 23/66-006	Sample Time: 1255

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	2" SS	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	47	1237/10g.	10.9	667	7.13	-1	2.73	clear
Static water level:*	26.48	1243/13g.	10.9	661	7.13	5	2.59	"
Water depth:*	20.5	1251/17g.	10.9	657	7.12	21	2.48	"
Well volume: (gal)	3.3							
Purge method:	Submersible							
Sample method:	"							
Start time:	1217	Odor: none detected						
Stop time:	1251	Purge Appearance: Begin - cloudy brown/end - clear						
Duration: (minutes)	34	Sample Appearance: Clear						
Rate, gpm:	.5	Comments:						
Volume, purged:	17 gal							
Duplicate collected?	—							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: ✓ COLLAR: ✓ LOCK: ✓ OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

P:\23\19\268\LTF\FieldLogDataSheet-LTF.doc

Barr Engineering Company
Field Log Data Sheet

Client:	Prairie Ave Leasing	**Monitoring Point:**	B8
Location:	Faribault	**Date:**	10/23/06
Project #:	23/66-006	**Sample Time:**	1355

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	2" SS	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	67	1326/19g.	10.5	558.	7.44	-91	0.43	Clear
Static water level:*	27.35	1333/26g.	10.5	565	7.37	-72	0.27	"
Water depth:*	39.7	1339/32g.	10.5	577	7.29	-68	0.24	"
Well volume: (gal)	6.5	1346/39g.	10.5	583	7.23	-65	0.25	"
Purge method:	Submersible	1353/46g.	10.5	585	7.19	-63	0.27	"
Sample method:	"							
Start time:	1307	Odor: none detected						
Stop time:	1353	Purge Appearance: Clear						
Duration: (minutes)	46	Sample Appearance: Clear						
Rate, gpm:	1	Comments:						
Volume, purged:	46 gal							
Duplicate collected?	—							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: ✓ COLLAR: ✓ LOCK: ✓ OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

BARR

Barr Engineering Company
Field Log Data Sheet

Client:	Prairie Ave Leasing	Monitoring Point:	B5
Location:	Faribault	Date:	10/23/06
Project #:	23/66-006	Sample Time:	1440

GENERAL DATA		STABILIZATION TEST						
Bar lock:	YES							
Casing diameter:	2" PVC	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	40.	1428/4g.	10.9	.634	6.85	109	6.79	clear
Static water level:*	31.67	1432/5g.	10.9	640	6.81	105	6.93	"
Water depth:*	8.3	1440/7g.	10.9	643	6.78	102	7.12	"
Well volume: (gal)	1.4							
Purge method:	Submersible							
Sample method:	"							
Start time:	1412	Odor: none detected						
Stop time:	1440	Purge Appearance: clear						
Duration: (minutes)	28	Sample Appearance: clear						
Rate, gpm:	.25	Comments:						
Volume, purged:	7 gal							
Duplicate collected?	–							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: ✓ COLLAR: LOCK: ✓ OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

BARR

Barr Engineering Company
Field Log Data Sheet

Client:	Prairie Ave Leasing	Monitoring Point:	W13
Location:	Faribault	Date:	10/23/06
Project #:	23/66-006	Sample Time:	1705

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	4"	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	96.0	1539/42g	11.5	651	7.12	-44	1.88	clear
Static water level:*	32.40	1631/84g	11.5	656	7.07	-33	1.93	"
Water depth:*	63.6	1703/126g	11.5	659	7.04	-24	2.01	"
Well volume: (gal)	42							
Purge method:	Submersible							
Sample method:	"							
Start time:	1457	Odor: none detected						
Stop time:	1703	Purge Appearance: clear						
Duration: (minutes)	126	Sample Appearance: clear						
Rate, gpm:	1	Comments:						
Volume, purged:	126 gal							
Duplicate collected?	—							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: COLLAR: LOCK: OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

BARR

Barr Engineering Company
Field Log Data Sheet

Client:	Prairie Ave Leasing	Monitoring Point:	B4
Location:	Faribault	Date:	10/23/06
Project #:	23/66-006	Sample Time:	1735

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	2"	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	44.0	1724/6g.	12.2	826	6.84	233	5.45	Clear
Static water level:*	32.51	1728/8g.	12.2	827	6.83	199	5.72	"
Water depth:*	11.5	1732/10g	12.2	826	6.82	194	5.63	"
Well volume: (gal)	1.9							
Purge method:	Submersible							
Sample method:	"							
Start time:	1712	Odor: none detected						
Stop time:	1732	Purge Appearance: clear						
Duration: (minutes)	20	Sample Appearance: clear						
Rate, gpm:	.5	Comments:						
Volume, purged:	10 gal							
Duplicate collected?	—							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: COLLAR: LOCK: OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

BARR

Barr Engineering Company
Field Log Data Sheet

Client: Prairie Ave Leasing	Monitoring Point: PW 18
Location: Faribault	Date: 10/23/06
Project #: 23/66-006	Sample Time: - 1850

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	8"	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	48.5	1816/33g.	11.1	665	7.12	95	1.75	Clear
Static water level:*	34.79	1832/66g	11.1	663	7.09	117	1.93	"
Water depth:*	13.7	1849/99g.	11.1	660	7.05	129	2.08	"
Well volume: (gal)	33							
Purge method:	Submersible							
Sample method:	"							
Start time:	1759	Odor: none detected						
Stop time:	1849	Purge Appearance: Clear						
Duration: (minutes)	50	Sample Appearance: clear						
Rate, gpm:	2	Comments:						
Volume, purged:	99 gal							
Duplicate collected?	—							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: COLLAR: LOCK: OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

Barr Engineering Company
Field Log Data Sheet

Client:	Prairie Ave Leasing	**Monitoring Point:**	PW 17
Location:	Faribault	**Date:**	10/23/06
Project #:	23/66-006	**Sample Time:**	2005

GENERAL DATA		STABILIZATION TEST						
Barr lock:	YES							
Casing diameter:	8"	Time/ Volume	Temp. °C	Cond. @ 25	pH	Eh	D.O.	Turbidity Appearance
Total well depth:*	73.0	1833/91g.	10.9	654	7.22	-60	0.62	clear
Static water level:*	34.74	1919/182g.	10.9	650	7.18	-41	0.65	"
Water depth:*	38.3	2005/273g	10.9	648	7.15	-32	0.68	"
Well volume: (gal)	91							
Purge method:	Submersible							
Sample method:	"							
Start time:	1748	Odor: none detected						
Stop time:	2005	Purge Appearance: clear						
Duration: (minutes)	137	Sample Appearance: clear						
Rate, gpm:	2	Comments:						
Volume, purged:	273 gal	FB-1						
Duplicate collected?	M-1							
Sample collection by:	KSJ	CO2-	Mn2-	Fe(T)-	Fe2-			

Others present:

WELL INSPECTION (answer for each category, state if lock replaced, detail any repairs needed on back of form)

CASING & CAP: COLLAR: LOCK: OTHER:

MW: groundwater monitoring well WS: water supply well SW: surface water SE: sediment other:

VOC- 3+3 semi-volatile- general- nutrient- cyanide- DRO- Sulfide-

oil,grease- bacteria- total metal- filtered metal- methane- filter-

Others:

*Measurements are referenced from top of riser pipe, unless otherwise indicated.

BARR ENGINEERING COMPANY
METER CALIBRATION SUMMARY

PROJECT Nutting
TECHNICIAN KSJ

WEATHER CONDITIONS

Date	Wind Direction	Wind Speed	Temperature F	Cloud Cover	Comments
10-23-06	NW	5-15	37-45	Overcast	

Meter type and number	Date	Time	Temperature C	Standard Solution	pH Meter Reading	Cond. Cell Result	ORP Reading
YSI 556	10-23-06	0850	3	7 / 10	7.00/10.00	1000 umhos	259 mV
231+- 10mV @ 25C							

231mV = Display Value + [(Display Temp. - 25 C) x (1.3 mV)]

BARR

Chain of Custody

4700 West 77th Street
Minneapolis, MN 55435-4803
(952) 832-2600

COC _____ of _____

Project Number: 23/66-006Y06

Project Name:

23186

Project Manager: MSH

Project Contact: MSH

Sampled by: KSJ

Laboratory: Legend

	Sample Identification	Collection Date	Collection Time	Matrix: Water	Matrix: Soil	Matrix:	Type: Grab	Type: Comp.	Type: QC	Water: Volatile Organics (Pres.) *1	Water: Semivolatile Organics *2	Water: Dissolved Metals (HNO_3)	Water: Total Metals (HNO_3)	Water: General (Unpreserved) *3	Water: Cyanide (NaOH)	Water: Nutrients (H_2SO_4) *4	Water: Oil and Grease (H_2SO_4)	Water: Sulfide (Zn Acetate)	Water: Methane	Water: Bacteria ($Na_2S_2O_3$)	Water: DRO (HCl)	Soil: VOCs (2-oz tared MeOH) *1	Soil: GRO, BTEX (2-oz tared MeOH) *1	Soil: DRO (2-oz tared) - 25 grams	Soil: Metals (2-oz unpreserved)	Soil: SVOCs (2 or 4-oz unpres.) *2	Soil: % Moisture (plastic vial, unpres.)	Total No. Of Containers	Remarks
1.	W14	10/23/06	1200	✓			✓			3																		3	Partial List VOC's
2.	B12		1255	✓			✓			3																		3	
3.	B8		1355	✓			✓			3																		3	
4.	B5		1440	✓			✓			3																		3	
5.	W13		1705	✓			✓			3																		3	
6.	B4		1735	✓			✓			3																		3	
7.	PW18		1850	✓			✓			3																		3	
8.	PW17 (M-1)		2005	✓			✓			3																		3	
9.	M-1			✓			✓		✓	3																		3	
10.	FB-1			✓					✓	3																		3	
11.	TB			✓					✓	1																		1	
12.																													

Number of Containers/Preservative — Water / Soil

Common Parameter/Container - Preservation Key

- *1 - Volatile Organics = BTEX, GRO, TPH, Full List
- *2 - Semivolatile Organics = PAHs, PCP, Dioxins, Full List, Herbicide/Pesticide/PCBs
- *3 - General = pH, Chloride, Flouride, Alkalinity, TSS, TDS, TS, Sulfate
- *4 - Nutrients = COD, TOC, Phenols, Ammonia Nitrogen, TKN

Relinquished By:	On Ice?	Date	Time	Received by:	Date	Time
Ken Hansen	(Y) N					
Relinquished By:	On Ice? Y N	Date	Time	Received by: Kathleen Meier LTS	Date 10/25/06	Time 11:05

Samples Shipped VIA: ☐ Air Freight ☐ Federal Express ☐ Sampler ☐ Other _____

Air Bill Number:

Distribution: White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator

H:RLG\STDFORMS\Chain Of Custody Form RLG Rev. 07/01/05