

October 30, 1998

Ms. Laura Hysjulien  
Project Manager  
Minnesota Pollution Control Agency  
520 Lafayette Road  
St. Paul, MN 55155



**RE: Annual Monitoring Report (Fact Sheet 3.26), Closure Request  
Former Conoco Store #23034, 1126 South Robert, West St. Paul, MN  
LEAK #858**

Dear Ms. Hysjulien:

Enclosed is a copy of the Annual Monitoring Report for the above referenced site. The report brings to date all data collected by DAHL from the site. Included in the report is a request for site closure.

If I can provide you with any additional information or if you have any questions, please call me at our office.

Sincerely,  
DAHL & Associates, Inc.

A handwritten signature in black ink, appearing to read 'Mark Smith'.

Mark Smith  
Project Manager

mps

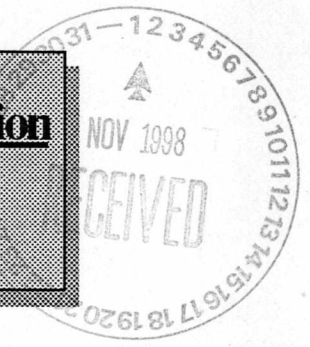
enclosure: Annual Monitoring Report

cc: Ms. Pam Casey, Conoco Inc.  
Mr. John Ehret, Asst. Fire Chief, City of West St. Paul  
Mr. Terry Maruska, Building Inspector, City of West St. Paul

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**Tanks and Emergency Response Section**  
**Minnesota Pollution Control Agency**



**Annual Monitoring Report**

Fact Sheet #3.26

April 1996

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After the corrective action design (CAD) has been approved, this worksheet should be submitted on an annual schedule. If an active remediation system has been installed, the "Corrective Action Design System Monitoring Worksheet" fact sheet #3.31 should be submitted along with this worksheet. The "Corrective Action Design System Monitoring Worksheet" documents data collection of system emissions and operating parameters, as well as any changes to the system.

Under certain circumstances MPCA staff may request submittal of the monitoring information on a quarterly schedule. This should be conducted according to fact sheet 3.25 "Quarterly Monitoring Report."

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Site name and address: Conoco Store #23034

1126 South Robert Street, West St. Paul, MN

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MPCA Leak Number: *LEAK #:* 858

Date submitted: 10 / 23 / 98

**Section I. DISCUSSION**

Discuss the results of the monitoring performed since the remedial investigation (RI) report or the last progress report has been submitted. Include any notable trends in the discussion.

The groundwater pump and treat system at the site was shut down in conjunction with injecting ORC at the site in November 1996. Operation of the soil ventilation, air sparging portion of the remediation system was discontinued in November 1997, with the approval of MPCA hydrogeologist Steve Thompson.

Follow-up monitoring at the site consisted of sampling the monitoring wells on two occasions as described in the DAHL letter of November 14, 1997. The wells were sampled on March 12 and September 22, 1998. The dissolved petroleum hydrocarbon concentrations reported in samples collected from the monitoring wells indicated stable or decreasing concentrations on both occasions.

If vapor impacts were reported during the remedial investigation, discuss the results of the vapor monitoring survey completed during this reporting period. Include in your discussion the sampling instrument and sampling method.

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 612/649-5451 (metro and outside Minnesota) or 1-800-422-0798 (Greater Minnesota). TTY users call 612/297-5353 (V/TTY) or 1-800-627-3529 (V/TTY).

## **Section II. RECOMMENDATIONS**

The recommendations section should present recommendations for additional corrective action, modifications to corrective action, additional monitoring or site closure. If cleanup goals have been achieved at the site, recommendations for termination of corrective actions may be presented.

On behalf of Conco Inc., DAHL requests that this site be considered for closure.

The MPCA clean-up goals established for the site are 100X HRL's. BETX concentrations in MW-2 have been below clean-up goals since December 1994. BETX concentrations in MW-3 have been below clean-up goals since March 1996, with the exception of the June 1996 and June 1997 sampling events. BETX concentrations in MW-3 have been below clean-up goals since the June 1997 sampling event. Sampling indicates that concentrations in both wells are stable or decreasing. In addition, data from MW-4 indicates that the plume at the site is stable.

The groundwater pump and treat system at the site was shut down in conjunction with injecting ORC at the site in November 1996. The reduced vent system effluent concentrations at the time the vent/sparge system was shut down (November 1997) indicated that asymptotic removal rates had been attained and the system had reached the practical limit of its effectiveness. The remediation system and use of ORC has remedied the source area at the site as evidenced by the reduced concentrations in MW-2 and MW-3. Residual petroleum impact remaining at the site will be effectively addressed by the processes of natural attenuation.

There is minimal risk that residual petroleum impact at the site will impact human health or the environment. No water wells or surface water have been identified in the vicinity of the site. In addition, the concentrations remaining at the site have been reduced to the extent that the risk of vapor impact is minimal.

MPCA Factsheet 3.1 specifies that for low risk resource aquifers, a site is eligible for closure if the plume is less than 200 feet, the plume is stable, natural biodegradation is occurring and HRL's are achieved at 200 feet. The plume at the site is less than 200 feet in length. As referenced above, groundwater analytical data indicates that the plume is stable. Also, dissolved oxygen and temperatures at the site are suitable to sustain natural biodegradation. Finally, HRL's have never been exceeded at 200 feet (MW-4). Therefore, it is DAHL's opinion that this site is eligible for closure.

**Section III. TABLES**

**See Attached Table 1**

**Table 1**

Water table summary.

Well Number	Date Sampled	Depth of Water from Top of Casing	Product Thickness	Depth of Water Below Grade	Relative Groundwater Elevation

*Notes: (GW above/below screen, etc.)*

**Table 2.**

**See Attached table 2**

Indicate the laboratory analytical results for water samples collected from each well. All analytical results collected from each well should be included on this table.

Well #	Date	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	GRO	DRO
MW-1								

*Notes: show BTEX/MTBE in ppb and DRO/GRO in ppm (e.g., free product, dry well, etc.)*

**Table 3.**

Indicate other notable contaminants (either petroleum or non-petroleum derived) detected in water samples.

**Dissolved Oxygen Measurements**

Well #	Date Analyzed						

*Notes: units*

#### Section IV. FIGURES

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

1. 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.
2. Site map showing the locations of all groundwater and vapor monitoring points.
3. Updated ground water contour map, using water level elevations from the most recent round of water level measurements. 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.
4. Copies of most recent laboratory reports for ground water analyses, including a copy of the Chain of Custody.
5. Hydrograph for all monitoring and recovery wells.
6. Graph(s) showing contaminant concentrations over time for all monitoring and recovery wells.
7. Table of dissolved oxygen sample results (if collected)

#### FIGURES

- 1 - Site Location Map
- 2 - Groundwater Gradient Map

#### TABLES

- Table 1 - Groundwater Elevation Data (with graphs)
- Table 2 - Groundwater Analytical Data (with graphs)
- Table 3 - Dissolved Oxygen Data

**Section V. APPENDICES**

The appendices section of the report contains sufficient information to document all activities completed since the last report. All reproduced data must be legible. In general this should include all applicable information required for the Appendices section of a RI report.

Appendix A - Laboratory Reports





ENVIRONMENT

**TABLES**

Table 1 - Groundwater Elevation Data (with graphs)

Table 2 - Groundwater Analytical Data (with graphs)

Table 3 - Dissolved Oxygen Measurements

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-1	100.47	10/23/89	0.00	17.99	0.00	82.48
	100.47	12/15/89	0.00	18.89	0.00	81.58
	100.47	01/08/90	0.00	19.15	0.00	81.32
	100.47	02/05/90	0.00	19.61	0.00	80.86
	100.47	03/13/90	0.00	20.12	0.00	80.35
	100.47	03/29/90	0.00	19.81	0.00	80.66
	100.47	04/24/90	0.00	19.94	0.00	80.53
*Resurvey	100.45	05/03/90	0.00	20.07	0.00	80.38
	100.45	05/15/90	0.00	19.66	0.00	80.79
	100.45	06/06/90	0.00	19.40	0.00	81.05
	100.45	06/12/90	0.00	18.75	0.00	81.70
	100.45	06/15/90	0.00	18.66	0.00	81.79
	100.45	06/29/90	0.00	17.82	0.00	82.63
	100.45	07/06/90	0.00	17.52	0.00	82.93
	100.45	07/13/90	0.00	17.30	0.00	83.15
	100.45	07/20/90	0.00	17.04	0.00	83.41
	100.45	08/22/90	0.00	15.90	0.00	84.55
	100.45	09/10/90	0.00	15.90	0.00	84.55
	100.45	10/10/90	0.00	15.90	0.00	84.55
	100.45	11/06/90	0.00	16.64	0.00	83.81
	100.45	01/14/91	0.00	17.77	0.00	82.68
	100.45	02/05/91	0.00	18.29	0.00	82.16
	100.45	03/13/91	0.00	18.76	0.00	81.69
	100.45	04/04/91	0.00	18.51	0.00	81.94
	100.45	05/10/91	0.00	17.81	0.00	82.64
	100.45	06/16/91	0.00	16.32	0.00	84.13
	100.45	07/03/91	0.00	15.56	0.00	84.89
	100.45	08/06/91	0.00	15.22	0.00	85.23
	100.45	09/09/91	0.00	15.15	0.00	85.30
	100.45	09/10/91	0.00	15.30	0.00	85.15
	100.45	10/08/91	0.00	14.68	0.00	85.77
	100.45	11/19/91	0.00	15.32	0.00	85.13
	100.45	12/26/91	0.00	14.93	0.00	85.52
	100.45	01/13/92	0.00	14.79	0.00	85.66
	100.45	02/10/92	0.00	15.02	0.00	85.43
	100.45	03/13/92	0.00	14.56	0.00	85.89
	100.45	04/20/92	0.00	14.27	0.00	86.18
	100.45	05/11/92	0.00	13.94	0.00	86.51
	100.45	06/12/92	0.00	14.11	0.00	86.34
	100.45	09/10/92	0.00	13.72	0.00	86.73
*Resurvey	100.45	12/23/92	0.00	14.30	0.00	86.15
	100.45	03/09/93	0.00	15.87	0.00	84.58
	100.45	06/10/93	0.00	13.90	0.00	86.55
	100.45	07/19/93	0.00	11.99	0.00	88.46
	100.45	07/28/93	0.00	12.08	0.00	88.37
	100.45	09/17/93	0.00	12.55	0.00	87.90
	100.45	09/29/93	0.00	12.75	0.00	87.70
	100.45	09/29/93	0.00	12.72	0.00	87.73

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-1	100.45	09/30/93	0.00	12.40	0.00	88.05
	100.45	10/07/93	0.00	12.79	0.00	87.66
	100.45	10/22/93	0.00	13.51	0.00	86.94
	100.45	12/21/93	0.00	14.59	0.00	85.86
	100.45	01/25/94	0.00	15.46	0.00	84.99
	100.45	01/28/94	0.00	15.38	0.00	85.07
	100.45	01/28/94	0.00	15.38	0.00	85.07
	100.45	01/28/94	0.00	15.38	0.00	85.07
	100.45	02/03/94	0.00	15.65	0.00	84.80
	100.45	02/04/94	0.00	15.70	0.00	84.75
	100.45	02/11/94	0.00	15.93	0.00	84.52
	100.45	02/18/94	0.00	15.87	0.00	84.58
	100.45	03/21/94	0.00	16.48	0.00	83.97
	100.45	04/15/94	0.00	16.54	0.00	83.91
	100.45	05/31/94	0.00	15.37	0.00	85.08
	100.45	06/30/94	0.00	14.78	0.00	85.67
	100.45	07/08/94	0.00	14.71	0.00	85.74
	100.45	07/19/94	0.00	14.62	0.00	85.83
	100.45	08/15/94	0.00	14.92	0.00	85.53
	100.45	08/15/94	0.00	14.92	0.00	85.53
	100.45	08/31/94	0.00	14.91	0.00	85.54
	100.45	10/31/94	0.00	13.92	0.00	86.53
	100.45	11/17/94	0.00	13.83	0.00	86.62
	100.45	12/27/94	0.00	14.94	0.00	85.51
	100.45	01/16/95	0.00	15.22	0.00	85.23
	100.45	02/09/95	0.00	17.74	0.00	82.71
	100.45	03/09/95	0.00	16.51	0.00	83.94
	100.45	04/06/95	0.00	16.24	0.00	84.21
	100.45	05/11/95	0.00	15.52	0.00	84.93
	100.45	06/20/95	0.00	14.78	0.00	85.67
	100.45	07/31/95	0.00	13.82	0.00	86.63
	100.45	08/29/95	0.00	13.62	0.00	86.83
	100.45	09/21/95	0.00	14.11	0.00	86.34
	100.45	10/03/95	0.00	14.44	0.00	86.01
	100.45	11/21/95	0.00	15.02	0.00	85.43
	100.45	12/22/95	0.00	15.67	0.00	84.78
	100.45	01/12/96	0.00	16.10	0.00	84.35
	100.45	02/27/96	0.00	17.47	0.00	82.98
	100.45	03/14/96	0.00	16.92	0.00	83.53
	100.45	04/15/96	0.00	16.27	0.00	84.18
	100.45	05/09/96	0.00	15.99	0.00	84.46
	100.45	06/07/96	0.00	15.74	0.00	84.71
	100.45	07/09/96	0.00	14.90	0.00	85.55
	100.45	08/08/96	0.00	15.15	0.00	85.30
	100.45	09/11/96	0.00	15.60	0.00	84.85
	100.45	10/11/96	0.00	16.04	0.00	84.41
	100.45	11/08/96	0.00	16.36	0.00	84.09
INACCESSABL	100.45	12/10/96				

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-1	100.45	01/06/97				
INACCESSABL	100.45	02/03/97				
INACCESSABL	100.45	03/12/97				
	100.45	04/04/97	0.00	15.07	0.00	85.38
	100.45	04/28/97	0.00	14.52	0.00	85.93
	100.45	05/29/97	0.00	14.50	0.00	85.95
	100.45	06/12/97	0.00	14.66	0.00	85.79
	100.45	07/17/97	0.00	13.91	0.00	86.54
	100.45	08/11/97	0.00	12.64	0.00	87.81
	100.45	09/22/97	0.00	13.61	0.00	86.84
	100.45	10/07/97	0.00	13.65	0.00	86.80
	100.45	03/12/98	0.00	16.25	0.00	84.20
	100.45	09/22/98	0.00	14.12	0.00	86.33
MW-2	100.77	10/23/89	0.00	19.23	0.00	81.54
	100.77	12/15/89	0.00	20.14	0.00	80.63
	100.77	01/08/90	0.00	20.40	0.00	80.37
	100.77	02/05/90	0.00	20.93	0.00	79.84
	100.77	03/13/90	0.00	21.30	0.00	79.47
	100.77	03/29/90	0.00	20.87	0.00	79.90
	100.77	04/24/90	0.00	21.18	0.00	79.59
Resurvey	100.74	05/03/90	0.00	21.48	0.00	79.26
	100.74	05/15/90	0.00	20.89	0.00	79.85
	100.74	06/06/90	0.00	20.62	0.00	80.12
	100.74	06/12/90	0.00	19.92	0.00	80.82
	100.74	06/15/90	0.00	19.85	0.00	80.89
	100.74	06/29/90	0.00	18.93	0.00	81.81
	100.74	07/06/90	0.00	18.63	0.00	82.11
	100.74	07/13/90	0.00	18.39	0.00	82.35
	100.74	07/20/90	0.00	18.15	0.00	82.59
	100.74	08/22/90	0.00	16.93	0.00	83.81
	100.74	09/10/90	0.00	17.00	0.00	83.74
	100.74	10/10/90	0.00	17.13	0.00	83.61
	100.74	11/06/90	0.00	17.81	0.00	82.93
	100.74	01/14/91	0.00	19.00	0.00	81.74
	100.74	02/05/91	0.00	19.50	0.00	81.24
	100.74	03/13/91	0.00	19.92	0.00	80.82
	100.74	04/04/91	0.00	19.51	0.00	81.23
	100.74	05/10/91	0.00	19.30	0.00	81.44
	100.74	06/16/91	0.00	17.38	0.00	83.36
	100.74	07/03/91	0.00	16.55	0.00	84.19
	100.74	08/06/91	0.00	16.29	0.00	84.45
	100.74	09/09/91	0.00	16.23	0.00	84.51
	100.74	09/10/91	0.00	16.36	0.00	84.38
	100.74	10/08/91	0.00	15.68	0.00	85.06
	100.74	11/19/91	0.00	16.30	0.00	84.44
	100.74	12/26/91	0.00	16.03	0.00	84.71
	100.74	01/13/92	0.00	15.94	0.00	84.80

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-2	100.74	02/10/92	0.00	16.20	0.00	84.54
	100.74	03/13/92	0.00	15.65	0.00	85.09
	100.74	04/20/92	0.00	15.30	0.00	85.44
	100.74	05/11/92	0.00	14.85	0.00	85.89
	100.74	06/12/92	0.00	15.00	0.00	85.74
	100.74	09/10/92	0.00	14.70	0.00	86.04
*Resurvey	100.77	12/23/92	0.00	15.40	0.00	85.37
	100.77	03/09/93	0.00	16.96	0.00	83.81
	100.77	06/10/93	0.00	14.90	0.00	85.87
	100.77	07/19/93	0.00	12.85	0.00	87.92
	100.77	07/28/93	0.00	12.99	0.00	87.78
	100.77	09/17/93	0.00	13.49	0.00	87.28
	100.77	09/29/93	0.00	13.73	0.00	87.04
	100.77	09/29/93	0.00	13.70	0.00	87.07
	100.77	09/30/93	0.00	13.37	0.00	87.40
	100.77	10/07/93	0.00	13.78	0.00	86.99
	100.77	10/22/93	0.00	14.69	0.00	86.08
	100.77	12/21/93	0.00	15.67	0.00	85.10
	100.77	01/25/94	0.00	16.61	0.00	84.16
	100.77	01/28/94	0.00	16.50	0.00	84.27
	100.77	01/28/94	0.00	16.50	0.00	84.27
	100.77	01/28/94	0.00	16.50	0.00	84.27
	100.77	02/03/94	0.00	16.86	0.00	83.91
	100.77	02/04/94	0.00	16.99	0.00	83.78
	100.77	02/11/94	0.00	17.17	0.00	83.60
	100.77	02/18/94	0.00	17.11	0.00	83.66
	100.77	03/21/94	0.00	17.74	0.00	83.03
	100.77	04/15/94	0.00	17.94	0.00	82.83
	100.77	05/31/94	0.00	16.53	0.00	84.24
	100.77	06/30/94	0.00	15.95	0.00	84.82
	100.77	07/08/94	0.00	15.86	0.00	84.91
	100.77	07/19/94	0.00	15.76	0.00	85.01
	100.77	08/15/94	0.00	16.00	0.00	84.77
	100.77	08/15/94	0.00	16.00	0.00	84.77
	100.77	08/31/94	0.00	14.92	0.00	85.85
	100.77	10/31/94	0.00	14.97	0.00	85.80
	100.77	11/17/94	0.00	13.75	0.00	87.02
	100.77	12/27/94	0.00	14.91	0.00	85.86
	100.77	01/16/95	0.00	15.56	0.00	85.21
100.77	02/09/95	0.00	18.07	0.00	82.70	
100.77	03/09/95	0.00	17.88	0.00	82.89	
100.77	04/06/95	0.00	16.73	0.00	84.04	
100.77	05/11/95	0.00	15.64	0.00	85.13	
100.77	06/20/95	0.00	14.69	0.00	86.08	
100.77	07/31/95	0.00	14.32	0.00	86.45	
100.77	08/31/95	0.00	13.78	0.00	86.99	
100.77	09/21/95	0.00	13.72	0.00	87.05	
100.77	10/03/95	0.00	13.94	0.00	86.83	

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.	
MW-2	100.77	11/21/95	0.00	14.56	0.00	86.21	
	100.77	12/22/95	0.00	17.16	0.00	83.61	
	100.77	01/12/96	0.00	16.22	0.00	84.55	
	100.77	02/27/96	0.00	17.50	0.00	83.27	
	100.77	03/14/96	0.00	17.01	0.00	83.76	
	100.77	04/15/96	0.00	15.38	0.00	85.39	
	100.77	05/09/96	0.00	15.91	0.00	84.86	
	100.77	06/07/96	0.00	15.45	0.00	85.32	
	100.77	07/09/96	0.00	14.34	0.00	86.43	
	100.77	08/08/96	0.00	14.71	0.00	86.06	
	100.77	09/11/96	0.00	15.28	0.00	85.49	
	100.77	10/11/96	0.00	15.97	0.00	84.80	
	100.77	11/08/96	0.00	16.19	0.00	84.58	
	100.77	12/10/96	0.00	15.47	0.00	85.30	
	100.77	01/06/97	0.00	16.73	0.00	84.04	
	100.77	02/03/97	0.00	17.89	0.00	82.88	
	100.77	03/12/97	0.00	17.03	0.00	83.74	
	100.77	04/04/97	0.00	14.49	0.00	86.28	
	100.77	04/28/97	0.00	13.74	0.00	87.03	
	100.77	05/29/97	0.00	13.60	0.00	87.17	
	100.77	06/12/97	0.00	13.76	0.00	87.01	
	100.77	07/17/97	0.00	12.82	0.00	87.95	
	100.77	08/11/97	0.00	11.49	0.00	89.28	
100.77	09/22/97	0.00	12.45	0.00	88.32		
100.77	10/07/97	0.00	12.69	0.00	88.08		
100.77	03/12/98	0.00	17.64	0.00	83.13		
100.77	09/22/98	0.00	15.26	0.00	85.51		
MW-3	101.05	10/23/89	0.00	20.77	0.00	80.28	
	101.05	12/15/89	21.54	22.35	0.81	78.70	
	101.05	01/08/90	22.07	22.47	0.40	78.58	
	101.05	02/05/90	22.53	22.91	0.38	78.14	
	101.05	03/13/90	22.91	23.37	0.46	77.68	
	101.05	03/29/90	22.82	23.14	0.32	77.91	
	101.05	04/24/90	22.99	23.39	0.40	77.66	
	*Resurvey	101.05	05/03/90	22.99	23.30	0.31	77.75
		101.05	05/15/90	22.71	22.92	0.21	78.13
		101.05	06/06/90	21.33	22.60	1.27	78.45
101.05		06/12/90	22.22	23.00	0.78	78.05	
101.05		06/15/90	21.20	21.74	0.54	79.31	
101.05		06/29/90	19.39	20.08	0.69	80.97	
101.05		07/06/90	19.67	19.70	0.03	81.35	
101.05		07/13/90	0.00	19.41	0.00	81.64	
101.05		07/20/90	0.00	19.22	0.00	81.83	
101.05		08/22/90	0.00	18.04	0.00	83.01	
101.05		09/10/90	0.00	18.27	0.00	82.78	
101.05		10/10/90	0.00	18.49	0.00	82.56	
101.05		11/06/90	0.00	19.24	0.00	81.81	

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-3	101.05	01/14/91	20.50	20.58	0.08	80.47
	101.05	02/05/91	21.00	21.05	0.05	80.00
	101.05	03/13/91	21.66	21.68	0.02	79.37
	101.05	04/04/91	0.00	21.28	0.00	79.77
	101.05	05/10/91	0.00	20.42	0.00	80.63
	101.05	06/16/91	0.00	18.26	0.00	82.79
	101.05	07/03/91	0.00	17.62	0.00	83.43
	101.05	08/06/91	0.00	17.36	0.00	83.69
	101.05	09/09/91	0.00	17.51	0.00	83.54
	101.05	09/10/91	0.00	17.67	0.00	83.38
	101.05	10/08/91	0.00	16.96	0.00	84.09
	101.05	11/19/91	0.00	17.81	0.00	83.24
	101.05	12/26/91	0.00	17.38	0.00	83.67
	101.05	01/13/92	0.00	17.39	0.00	83.66
	101.05	02/10/92	0.00	17.65	0.00	83.40
	101.05	03/13/92	0.00	17.28	0.00	83.77
	101.05	04/20/92	0.00	16.57	0.00	84.48
	101.05	05/11/92	0.00	16.04	0.00	85.01
	101.05	06/12/92	0.00	16.42	0.00	84.63
	101.05	09/10/92	0.00	16.00	0.00	85.05
*Resurvey	101.04	12/23/92	0.00	16.61	0.00	84.43
	101.04	03/09/93	0.00	18.38	0.00	82.66
	101.04	06/10/93	0.00	16.02	0.00	85.02
	101.04	07/19/93	0.00	13.79	0.00	87.25
	101.04	07/28/93	0.00	14.12	0.00	86.92
	101.04	09/17/93	0.00	14.71	0.00	86.33
	101.04	09/29/93	0.00	14.97	0.00	86.07
	101.04	09/29/93	0.00	15.52	0.00	85.52
	101.04	09/30/93	0.00	15.48	0.00	85.56
	101.04	10/07/93	0.00	15.08	0.00	85.96
	101.04	10/22/93	0.00	16.86	0.00	84.18
	101.04	12/21/93	0.00	17.17	0.00	83.87
	101.04	01/25/94	0.00	18.04	0.00	83.00
	101.04	01/28/94	0.00	17.94	0.00	83.10
	101.04	01/28/94	0.00	18.28	0.00	82.76
	101.04	01/28/94	0.00	18.30	0.00	82.74
	101.04	02/03/94	0.00	19.02	0.00	82.02
	101.04	02/04/94	0.00	19.15	0.00	81.89
	101.04	02/11/94	0.00	19.34	0.00	81.70
	101.04	02/18/94	0.00	19.37	0.00	81.67
	101.04	03/21/94	0.00	19.90	0.00	81.14
	101.04	04/15/94	0.00	20.43	0.00	80.61
	101.04	05/31/94	0.00	18.52	0.00	82.52
	101.04	06/30/94	0.00	17.88	0.00	83.16
	101.04	07/08/94	0.00	17.78	0.00	83.26
	101.04	07/19/94	0.00	17.70	0.00	83.34
	101.04	08/15/94	0.00	17.34	0.00	83.70
	101.04	08/15/94	0.00	17.35	0.00	83.69

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-3	101.04	08/31/94	0.00	17.51	0.00	83.53
	101.04	10/31/94	0.00	16.66	0.00	84.38
	101.04	11/17/94	0.00	16.93	0.00	84.11
	101.04	12/27/94	0.00	18.04	0.00	83.00
	101.04	01/16/95	0.00	18.41	0.00	82.63
	101.04	02/09/95	0.00	18.84	0.00	82.20
	101.04	03/09/95	0.00	19.84	0.00	81.20
	101.04	04/06/95	0.00	19.81	0.00	81.23
	101.04	05/11/95	0.00	19.08	0.00	81.96
	101.04	06/20/95	0.00	18.20	0.00	82.84
	101.04	07/31/95	0.00	16.21	0.00	84.83
	101.04	08/31/95	0.00	15.78	0.00	85.26
	101.04	09/21/95	0.00	18.00	0.00	83.04
	101.04	10/03/95	0.00	17.76	0.00	83.28
	101.04	11/21/95	0.00	18.48	0.00	82.56
	101.04	12/22/95	0.00	19.14	0.00	81.90
	101.04	01/12/96	0.00	19.36	0.00	81.68
	101.04	02/27/96	0.00	20.16	0.00	80.88
	101.04	03/14/96	0.00	20.34	0.00	80.70
	101.04	04/15/96	0.00	20.11	0.00	80.93
	101.04	05/09/96	0.00	19.38	0.00	81.66
	101.04	06/07/96 ****	0.00	18.73	0.00	82.31
	101.04	07/09/96	0.00	18.12	0.00	82.92
	101.04	08/08/96	0.00	18.34	0.00	82.70
	101.04	09/11/96	0.00	19.16	0.00	81.88
	101.04	10/11/96	0.00	19.25	0.00	81.79
	101.04	11/08/96	0.00	19.78	0.00	81.26
	101.04	12/10/96	0.00	19.06	0.00	81.98
	101.04	01/06/97	0.00	19.19	0.00	81.85
	101.04	02/03/97	0.00	19.56	0.00	81.48
	101.04	03/12/97	0.00	20.03	0.00	81.01
	101.04	04/04/97	0.00	17.52	0.00	83.52
	101.04	04/28/97	0.00	16.75	0.00	84.29
101.04	05/29/97	0.00	17.06	0.00	83.98	
101.04	06/12/97	0.00	17.21	0.00	83.83	
101.04	07/17/97	0.00	16.04	0.00	85.00	
101.04	08/11/97	0.00	14.82	0.00	86.22	
101.04	09/22/97	0.00	15.92	0.00	85.12	
101.04	10/07/97	0.00	16.21	0.00	84.83	
101.04	03/12/98	0.00	19.01	0.00	82.03	
101.04	09/22/98	0.00	16.54	0.00	84.50	
MW-4	100.68	10/23/89				
	100.68	12/15/89				
	100.68	01/08/90				
	100.68	02/05/90				
	100.68	03/13/90				
	100.68	03/29/90				

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-4	100.68	04/24/90				
	100.68	05/03/90	0.00	23.93	0.00	76.75
	100.68	05/15/90				
	100.68	06/06/90				
	100.68	06/12/90				
	100.68	06/15/90				
	100.68	06/29/90				
	100.68	07/06/90				
	100.68	07/13/90	0.00	19.82	0.00	80.86
	100.68	07/20/90	0.00	19.65	0.00	81.03
	100.68	08/22/90	0.00	18.60	0.00	82.08
	100.68	09/10/90	0.00	18.94	0.00	81.74
	100.68	10/10/90	0.00	19.22	0.00	81.46
	100.68	11/06/90	0.00	19.99	0.00	80.69
	100.68	01/14/91	0.00	21.30	0.00	79.38
	100.68	02/05/91	0.00	21.83	0.00	78.85
	100.68	03/13/91	0.00	22.35	0.00	78.33
	100.68	04/04/91	0.00	22.21	0.00	78.47
	100.68	05/10/91	0.00	21.14	0.00	79.54
	100.68	06/16/91	0.00	18.53	0.00	82.15
	100.68	07/03/91	0.00	18.14	0.00	82.54
	100.68	08/06/91	0.00	18.10	0.00	82.58
	100.68	09/09/91	0.00	18.35	0.00	82.33
	100.68	09/10/91	0.00	18.40	0.00	82.28
	100.68	10/08/91	0.00	17.76	0.00	82.92
	100.68	11/19/91	0.00	17.70	0.00	82.98
	100.68	12/26/91	0.00	18.10	0.00	82.58
	100.68	01/13/92	0.00	18.18	0.00	82.50
	100.68	02/10/92	0.00	18.50	0.00	82.18
	100.68	03/13/92	0.00	17.88	0.00	82.80
	100.68	04/20/92	0.00	17.22	0.00	83.46
	100.68	05/11/92	0.00	16.63	0.00	84.05
	100.68	06/12/92	0.00	17.19	0.00	83.49
	100.68	09/10/92	0.00	16.84	0.00	83.84
*Resurvey	100.66	12/23/92	0.00	17.42	0.00	83.24
	100.66	03/09/93	0.00	19.19	0.00	81.47
	100.66	06/10/93	0.00	16.20	0.00	84.46
	100.66	07/19/93	0.00	14.42	0.00	86.24
	100.66	07/28/93	0.00	14.90	0.00	85.76
	100.66	09/17/93	0.00	15.57	0.00	85.09
	100.66	09/29/93	0.00	15.81	0.00	84.85
	100.66	09/29/93	0.00	15.78	0.00	84.88
	100.66	09/30/93	0.00	15.49	0.00	85.17
	100.66	10/07/93	0.00	15.96	0.00	84.70
	100.66	10/22/93	0.00	16.96	0.00	83.70
	100.66	12/21/93	0.00	18.07	0.00	82.59
	100.66	01/25/94	0.00	18.89	0.00	81.77
	100.66	01/28/94	0.00	18.80	0.00	81.86

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-4	100.66	01/28/94	0.00	18.80	0.00	81.86
	100.66	01/28/94	0.00	18.80	0.00	81.86
	100.66	02/03/94	0.00	19.14	0.00	81.52
	100.66	02/04/94	0.00	19.15	0.00	81.51
	100.66	02/11/94	0.00	19.40	0.00	81.26
	100.66	02/18/94	0.00	19.40	0.00	81.26
	100.66	03/21/94	0.00	19.88	0.00	80.78
	100.66	04/15/94	0.00	20.15	0.00	80.51
	100.66	05/31/94	0.00	18.47	0.00	82.19
	100.66	06/30/94	0.00	19.93	0.00	80.73
	100.66	07/08/94	0.00	17.90	0.00	82.76
	100.66	07/19/94	0.00	17.79	0.00	82.87
	100.66	08/15/94	0.00	18.17	0.00	82.49
	100.66	08/15/94	0.00	18.17	0.00	82.49
	100.66	08/31/94	0.00	18.39	0.00	82.27
	100.66	10/31/94	0.00	16.56	0.00	84.10
	100.66	11/17/94	0.00	16.87	0.00	83.79
	100.66	12/27/94	0.00	18.23	0.00	82.43
	100.66	01/16/95	0.00	18.72	0.00	81.94
	100.66	02/09/95	0.00	19.15	0.00	81.51
	100.66	03/09/95	0.00	19.95	0.00	80.71
	100.66	04/06/95	0.00	19.61	0.00	81.05
	100.66	05/11/95	0.00	18.51	0.00	82.15
	100.66	06/20/95	0.00	17.83	0.00	82.83
	100.66	07/31/95	0.00	16.93	0.00	83.73
	100.66	08/31/95	0.00	16.59	0.00	84.07
	100.66	09/21/95	0.00	17.54	0.00	83.12
	100.66	10/03/95	0.00	17.78	0.00	82.88
	100.66	11/21/95	0.00	18.34	0.00	82.32
	100.66	12/22/95	0.00	19.12	0.00	81.54
	100.66	01/12/96	0.00	19.57	0.00	81.09
	100.66	02/27/96	0.00	20.27	0.00	80.39
	100.66	03/14/96	0.00	20.48	0.00	80.18
	100.66	04/15/96	0.00	19.77	0.00	80.89
	100.66	05/09/96	0.00	19.38	0.00	81.28
	100.66	06/07/96	0.00	18.85	0.00	81.81
	100.66	07/09/96	0.00	17.79	0.00	82.87
	100.66	08/08/96	0.00	18.45	0.00	82.21
	100.66	09/11/96	0.00	19.11	0.00	81.55
	100.66	10/11/96	0.00	19.57	0.00	81.09
	100.66	11/08/96	0.00	19.82	0.00	80.84
	100.66	12/10/96	0.00	19.11	0.00	81.55
	100.66	01/06/97	0.00	19.81	0.00	80.85
	100.66	02/03/97	0.00	20.06	0.00	80.60
	100.66	03/12/97	0.00	20.22	0.00	80.44
	100.66	04/04/97	0.00	17.96	0.00	82.70
	100.66	04/28/97	0.00	17.14	0.00	83.52
	100.66	05/29/97	0.00	17.73	0.00	82.93

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-4	100.66	06/12/97	0.00	17.85	0.00	82.81
	100.66	07/17/97	0.00	16.58	0.00	84.08
	100.66	08/11/97	0.00	15.53	0.00	85.13
	100.66	09/22/97	0.00	16.58	0.00	84.08
	100.66	10/07/97	0.00	17.04	0.00	83.62
	100.66	03/12/98	0.00	19.83	0.00	80.83
	100.66	09/22/98	0.00	17.40	0.00	83.26
MW-5	102.13	12/23/92	0.00	17.03	0.00	85.10
	102.13	03/09/93	0.00	18.73	0.00	83.40
	102.13	06/10/93	0.00	16.53	0.00	85.60
	102.13	07/19/93	0.00	14.40	0.00	87.73
	102.13	07/28/93	0.00	14.62	0.00	87.51
	102.13	09/17/93	0.00	15.15	0.00	86.98
	102.13	09/20/93				
	102.13	09/27/93				
	102.13	09/29/93	0.00	15.41	0.00	86.72
	102.13	09/29/93	0.00	15.43	0.00	86.70
	102.13	09/30/93	0.00	15.28	0.00	86.85
	102.13	10/07/93	0.00	15.10	0.00	87.03
	102.13	10/22/93	0.00	16.67	0.00	85.46
	102.13	12/08/93				
	102.13	12/21/93	0.00	17.54	0.00	84.59
	102.13	01/25/94	0.00	18.45	0.00	83.68
	102.13	01/28/94	0.00	18.35	0.00	83.78
	102.13	01/28/94	0.00	18.37	0.00	83.76
	102.13	01/28/94	0.00	18.37	0.00	83.76
	102.13	02/03/94	0.00	18.91	0.00	83.22
	102.13	02/04/94	0.00	19.05	0.00	83.08
	102.13	02/11/94	0.00	19.25	0.00	82.88
	102.13	02/18/94	0.00	19.26	0.00	82.87
	102.13	03/21/94	0.00	19.81	0.00	82.32
	102.13	04/15/94	0.00	20.15	0.00	81.98
	102.13	05/31/94	0.00	18.61	0.00	83.52
	102.13	06/30/94	0.00	17.91	0.00	84.22
	102.13	07/08/94	0.00	17.72	0.00	84.41
	102.13	07/19/94	0.00	17.73	0.00	84.40
	102.13	08/15/94	0.00	17.77	0.00	84.36
	102.13	08/15/94	0.00	17.78	0.00	84.35
	102.13	08/31/94	0.00	17.78	0.00	84.35
	102.13	10/31/94	0.00	16.82	0.00	85.31
	102.13	11/17/94	0.00	16.87	0.00	85.26
102.13	12/27/94	0.00	18.17	0.00	83.96	
102.13	01/16/95	0.00	18.44	0.00	83.69	
102.13	02/09/95	0.00	18.97	0.00	83.16	
102.13	03/09/95	0.00	19.88	0.00	82.25	
102.13	04/06/95	0.00	19.64	0.00	82.49	
102.13	05/11/95	0.00	18.85	0.00	83.28	

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
MW-5	102.13	06/20/95	0.00	17.99	0.00	84.14
	102.13	07/31/95	0.00	16.49	0.00	85.64
	102.13	08/31/95	0.00	16.14	0.00	85.99
	102.13	09/21/95	0.00	17.22	0.00	84.91
	102.13	10/03/95	0.00	17.40	0.00	84.73
	102.13	11/21/95	0.00	18.30	0.00	83.83
	102.13	12/22/95	0.00	19.12	0.00	83.01
	102.13	01/12/96	0.00	19.54	0.00	82.59
	102.13	02/27/96	0.00	19.83	0.00	82.30
	102.13	03/14/96	0.00	19.97	0.00	82.16
	102.13	04/15/96	0.00	19.92	0.00	82.21
	102.13	05/09/96	0.00	19.17	0.00	82.96
	102.13	06/07/96	0.00	18.99	0.00	83.14
	102.13	07/09/96	0.00	18.02	0.00	84.11
	102.13	08/08/96	0.00	18.39	0.00	83.74
	102.13	09/11/96	0.00	18.94	0.00	83.19
	102.13	10/11/96	0.00	19.51	0.00	82.62
	102.13	11/08/96	0.00	19.59	0.00	82.54
	102.13	12/10/96	0.00	19.05	0.00	83.08
	102.13	01/06/97	0.00	19.64	0.00	82.49
	102.13	02/03/97	0.00	20.05	0.00	82.08
	102.13	03/12/97	0.00	20.04	0.00	82.09
	102.13	04/04/97	0.00	18.13	0.00	84.00
	102.13	04/28/97	0.00	17.34	0.00	84.79
	102.13	05/29/97	0.00	17.21	0.00	84.92
	102.13	06/12/97	0.00	17.33	0.00	84.80
	102.13	07/17/97	0.00	16.58	0.00	85.55
	102.13	08/11/97	0.00	14.78	0.00	87.35
	102.13	09/22/97	0.00	14.78	0.00	87.35
	102.13	10/07/97	0.00	16.13	0.00	86.00
102.13	03/12/98	0.00	19.67	0.00	82.46	
102.13	09/22/98	0.00	17.00	0.00	85.13	
RW-1	100.61	12/23/92	0.00	16.00	0.00	84.61
	100.61	03/09/93	0.00	17.92	0.00	82.69
	100.61	06/10/93	0.00	15.54	0.00	85.07
	100.61	07/19/93	0.00	13.82	0.00	86.79
	100.61	07/28/93	0.00	14.13	0.00	86.48
	100.61	09/17/93	0.00	14.74	0.00	85.87
	100.61	09/20/93	0.00	16.13	0.00	84.48
	100.61	09/27/93	0.00	14.12	0.00	86.49
	100.61	09/29/93	0.00	14.94	0.00	85.67
	100.61	09/29/93	0.00	25.40	0.00	75.21
	100.61	09/30/93	0.00	25.64	0.00	74.97
	100.61	10/07/93	0.00	15.10	0.00	85.51
	100.61	10/22/93	0.00	25.72	0.00	74.89
	100.61	12/08/93	0.00	16.65	0.00	83.96
	100.61	12/21/93	0.00	16.92	0.00	83.69

**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
RW-1	100.61	01/25/94				
	100.61	01/28/94	0.00	17.71	0.00	82.90
	100.61	01/28/94	0.00	27.20	0.00	73.41
	100.61	01/28/94	0.00	27.35	0.00	73.26
	100.61	02/03/94	0.00	28.20	0.00	72.41
	100.61	02/04/94	0.00	27.05	0.00	73.56
	100.61	02/11/94	0.00	27.35	0.00	73.26
	100.61	02/18/94	0.00	28.35	0.00	72.26
	100.61	03/21/94	0.00	27.07	0.00	73.54
	100.61	04/15/94	0.00	28.62	0.00	71.99
	100.61	05/31/94	0.00	28.58	0.00	72.03
	100.61	06/30/94	0.00	26.96	0.00	73.65
	100.61	07/08/94	0.00	26.20	0.00	74.41
	100.61	07/19/94	0.00	25.98	0.00	74.63
	100.61	08/15/94				
	100.61	08/15/94	0.00	13.90	0.00	86.71
	100.61	08/31/94	0.00	17.39	0.00	83.22
	100.61	10/31/94	0.00	26.18	0.00	74.43
	100.61	11/17/94	0.00	26.80	0.00	73.81
	100.61	12/27/94	0.00	25.86	0.00	74.75
	100.61	01/16/95	0.00	16.22	0.00	84.39
	100.61	02/09/95	0.00	27.63	0.00	72.98
	100.61	03/09/95	0.00	26.58	0.00	74.03
	100.61	04/06/95	0.00	26.30	0.00	74.31
	100.61	05/11/95	0.00	27.31	0.00	73.30
	100.61	06/20/95	0.00	26.58	0.00	74.03
	100.61	07/31/95	0.00	14.32	0.00	86.29
	100.61	08/31/95	0.00	15.55	0.00	85.06
	100.61	09/21/95	0.00	26.52	0.00	74.09
	100.61	10/03/95	0.00	26.65	0.00	73.96
	100.61	11/21/95	0.00	26.35	0.00	74.26
	100.61	12/22/95	0.00	26.77	0.00	73.84
	100.61	01/12/96	0.00	20.69	0.00	79.92
	100.61	02/27/96	0.00	25.26	0.00	75.35
	100.61	03/14/96	0.00		0.00	
	100.61	04/15/96	0.00	24.14	0.00	76.47
	100.61	05/09/96	0.00		0.00	
	100.61	06/07/96	0.00		0.00	
	100.61	07/09/96	0.00		0.00	100.61
	100.61	08/08/96	0.00		0.00	
	100.61	09/11/96	0.00		0.00	100.61
	100.61	10/11/96	0.00		0.00	
	100.61	11/08/96	0.00		0.00	
	100.61	12/10/96	0.00	19.05	0.00	81.56
	100.61	01/06/97	0.00	17.72	0.00	82.89
	100.61	02/03/97	0.00	18.71	0.00	81.90
	100.61	03/12/97	0.00	18.72	0.00	81.89
	100.61	04/04/97	0.00	15.87	0.00	84.74

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**TABLE 1**

**GROUNDWATER ELEVATION DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

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WELL #	ELEVATION	DATE	D.T.P	D.T.W	P.T.	W.T.E.
RW-1	100.61	04/28/97	0.00	15.54	0.00	85.07
	100.61	05/29/97	0.00	15.98	0.00	84.63
	100.61	06/12/97	0.00	16.02	0.00	84.59
	100.61	07/17/97	0.00	13.19	0.00	87.42
	100.61	08/11/97	0.00	11.71	0.00	88.90
	100.61	09/22/97	0.00	13.00	0.00	87.61
	100.61	10/07/97	0.00	13.10	0.00	87.51
	100.61	03/12/98	0.00	19.05	0.00	81.56
	100.61	09/22/98				

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*Explanation:*

*All measurments are recorded in feet (ft).*

*D.T.P = Depth to product*

*D.T.W = Depth to water*

*P.T. = Product thickness*

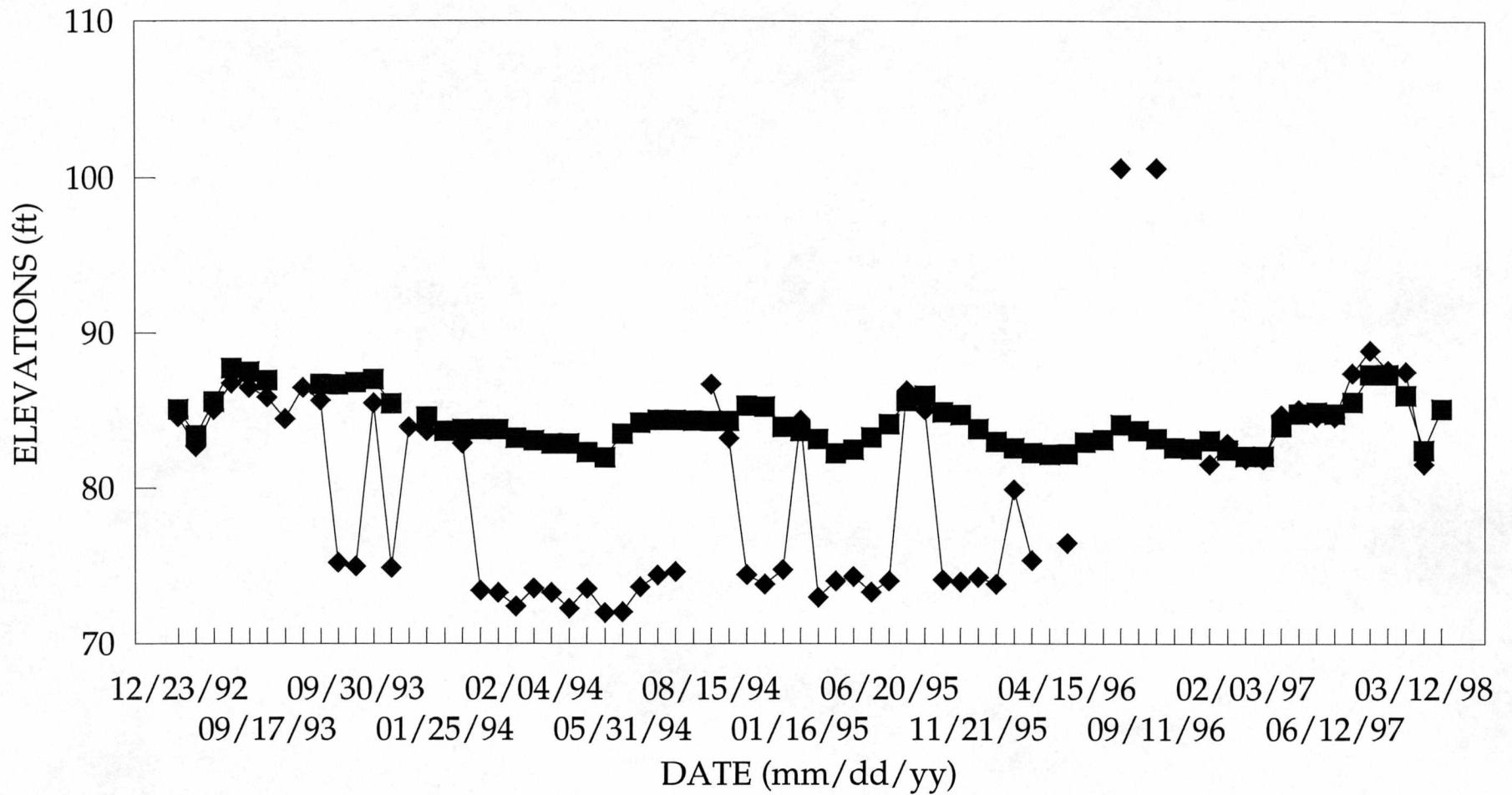
*W.T.E = Water table elevation*

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**DAHL**

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**GROUNDWATER ELEVATIONS, MW-5 & RW-1**  
 Former Conoco Store # 23034, W. St. Paul, MN (24930601)

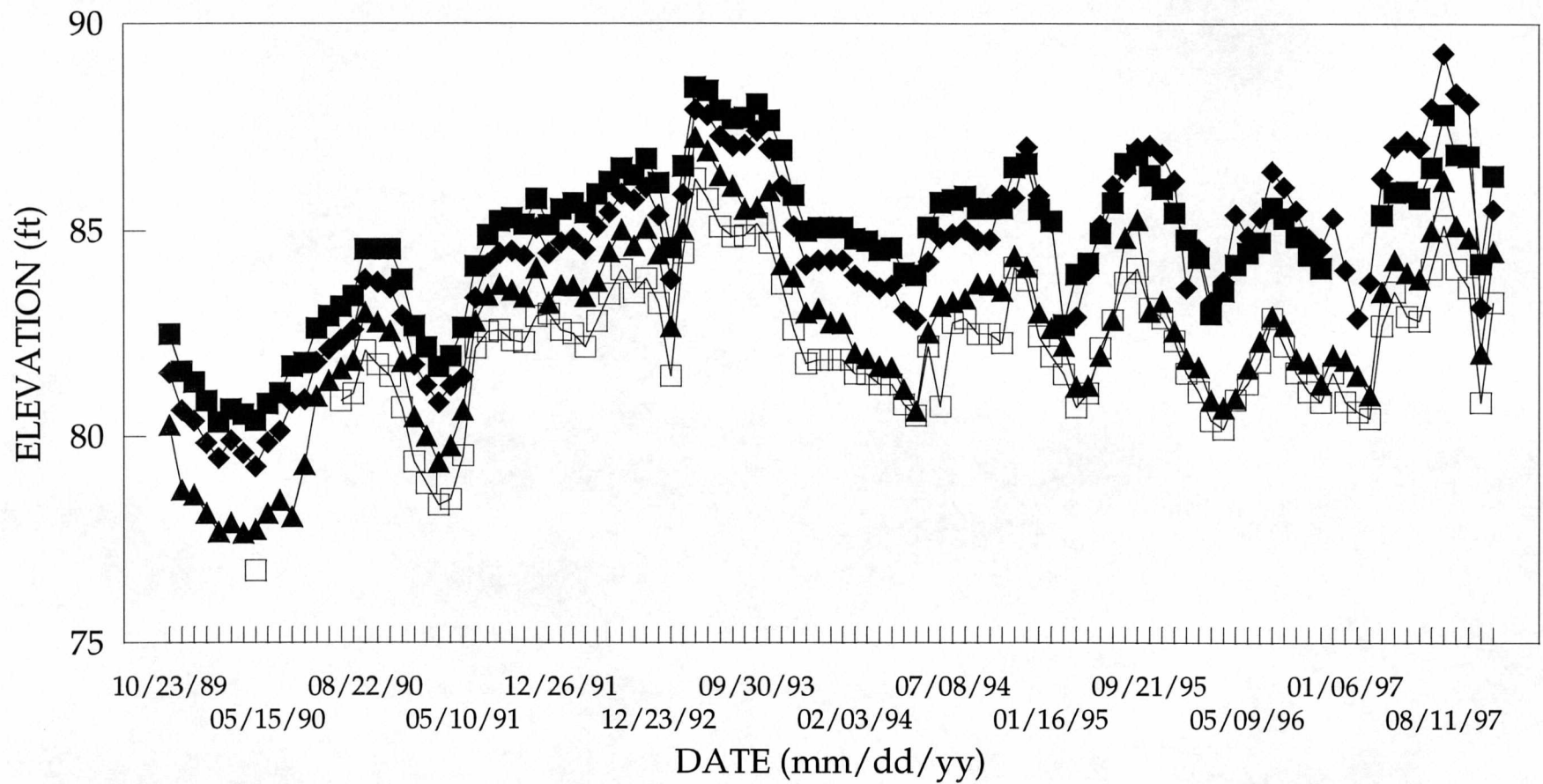


0601MW5.RW1

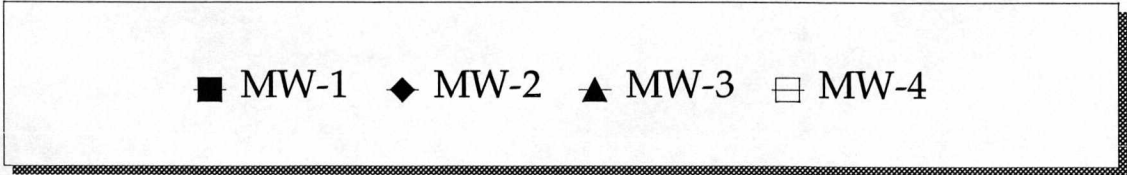
■ MW-5    ◆ RW-1

# GROUNDWATER ELEVATION DATA

Former Conoco Store # 23034, W. St. Paul, MN (24930601)



0601WTE.ALL



**TABLE 2**

**GROUNDWATER ANALYTICAL DATA**

*Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)*

WELL #	DATE	B	E	T	X	THG/GRO	MTBE	
MW-1	05/03/90	ND	ND	ND	ND	ND	ND	
	09/10/90	ND	ND	ND	ND	ND	ND	
	03/13/91	ND	ND	ND	ND	ND	ND	
	09/09/91	ND	ND	ND	ND	ND	ND	
	12/26/91	ND	ND	ND	ND	ND	ND	
	03/13/92	ND	ND	ND	ND	ND	ND	
	06/12/92	ND	ND	ND	ND	ND	ND	
	09/10/92	ND	ND	ND	ND	ND	ND	
	12/23/92	ND	ND	ND	ND	ND	ND	
	03/09/93	ND	ND	ND	ND	ND	ND	
	06/10/93	ND	ND	ND	ND	ND	ND	
	09/17/93	ND	ND	ND	ND	ND	ND	
	12/21/93	ND	ND	ND	ND	ND	ND	
	03/21/94	ND	ND	ND	ND	ND	ND	
	06/30/94	ND	ND	ND	ND	ND	ND	
	08/31/94	ND	ND	ND	ND	ND	ND	
	12/27/94	ND	ND	ND	ND	ND	36	ND
	03/09/95	ND	ND	ND	ND	ND	ND	ND
	06/20/95	ND	ND	ND	ND	ND	ND	ND
	09/21/95	ND	ND	ND	ND	ND	ND	ND
	12/22/95	ND	ND	ND	ND	ND	ND	ND
	03/12/98	ND	ND	ND	ND	ND	ND	ND
	09/22/98	ND	ND	ND	ND	ND	ND	ND
	MW-2	05/03/90	6600	4	12	6900	27000	1600
		09/10/90	7300	950	17000	9600	48000	1600
03/13/91		8200	1200	13000	10000	68000	3000	
09/09/91		8500	1300	9300	10000	48000	3000	
12/26/91		3800	1200	1100	4400	23000	ND	
03/13/92		2100	800	1200	2300	11000	ND	
06/12/92		2500	1100	1000	2600	17000	220	
09/10/92		4200	1300	1400	3100	19000	ND	
12/23/92		5800	1500	2800	4000	27000	ND	
03/09/93		5300	1300	3800	4500	21000	ND	
06/10/93		240	ND	120	230	1200	ND	
09/17/93		210	250	ND	370	3100	ND	
12/21/93		4100	1500	360	1900	15000	ND	
03/21/94		5300	1800	2800	4800	29000	270	
06/30/94		5700	1800	3700	6500	31000	200	
08/31/94		2700	630	1900	3400	15000	ND	
12/27/94		42	8	31	67	400	ND	
03/09/95		550	160	210	610	2700	ND	
06/20/95		170	59	240	480	1800	ND	
09/21/95		7	5.7	7.3	23	120	ND	
12/22/95		43.5	20	39	74.1	540	ND	
03/14/96		117	86	167	422	1980	ND	
06/07/96		102	98	164	612	2480	49.9	
09/11/96		17.7	25	38	142	670	10	

**TABLE 2**

**GROUNDWATER ANALYTICAL DATA**

Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)

WELL #	DATE	B	E	T	X	THG/GRO	MTBE
MW-2	12/10/96	28.6	44	102	370	1110	14.1
	03/12/97	8.45	17.7	21.5	84.1	690	42.8
	06/12/97	23.3	21.3	45.1	115	580	16.4
	09/22/97	9	13.9	31.3	62.4	270	<10
	03/12/98	ND	32.3	23.5	167	960	<10
	09/22/98	80.5	182	446	965	3530	<10
MW-3	05/03/90						
	09/10/90	9700	2000	23000	16000	82000	1500
	03/13/91	9200	3900	23000	26000	110000	2600
	09/09/91	11000	3000	22000	20000	79000	4900
	12/26/91	7700	2300	10000	14000	77000	1600
	03/13/92	10000	2800	17000	15000	64000	ND
	06/12/92	8100	2500	16000	14000	72000	290
	09/10/92	9800	ND	22000	17000	75000	ND
	12/23/92	8100	2700	16000	15000	82000	ND
	03/09/93	6500	3000	20000	17000	74000	ND
	06/10/93	6400	2700	11000	13000	52000	ND
	09/17/93	4300	2200	14000	11000	40000	ND
	12/21/93	5900	3100	20000	16000	64000	ND
	03/21/94	9700	3500	24000	18000	79000	ND
	06/30/94 *	5600	2600	14000	14000	57000	ND
	08/31/94	3100	1800	3100	7900	28000	ND
	12/27/94	ND	ND	ND	ND	ND	ND
	03/09/95	3100	3000	1000	11000	53000	ND
	06/20/95	2000	3100	230	9300	43000	ND
	09/21/95	3140	2810	509	6490	38000	ND
	12/22/95	1650	3580	1730	6340	77500	<250
	03/14/96	889	2650	BDL	3790	21000	<100
	06/07/96	1370	26	<25	3790	24200	1190
	09/11/96	730	2030	31	3400	22900	67.8
	12/10/96	825	1830	69	3370	21900	95.9
	03/12/97	931	2070	101	3350	24600	306
06/12/97	1650	2920	1980	5660	29000	144	
09/22/97	824	1860	929	3620	19200	<100	
03/12/98	581	2750	253	4470	32900	<500	
09/22/98	200	1970	682	3560	14200	<10	
MW-4	05/03/90	ND	ND	ND	2	41	ND
	09/10/90	ND	ND	ND	ND	19	ND
	03/13/91	ND	ND	ND	1	40	ND
	09/09/91	ND	ND	ND	ND	ND	16
	12/26/91	ND	ND	ND	ND	ND	ND
	03/13/92	ND	ND	ND	ND	ND	ND
	06/12/92	ND	ND	ND	ND	ND	ND
	09/10/92	ND	ND	ND	ND	ND	ND
	12/23/92	ND	ND	ND	ND	ND	ND
	03/09/93	ND	ND	ND	ND	ND	ND

**TABLE 2**

**GROUNDWATER ANALYTICAL DATA**

Former Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)

WELL #	DATE	B	E	T	X	THG/GRO	MTBE
MW-4	06/10/93	ND	ND	ND	ND	ND	ND
	09/17/93	ND	ND	ND	ND	ND	ND
	12/21/93	ND	ND	ND	ND	ND	ND
	03/21/94	ND	ND	ND	ND	ND	ND
	06/30/94	ND	ND	ND	ND	ND	ND
	08/31/94	ND	ND	ND	ND	ND	ND
	12/27/94	ND	ND	ND	ND	ND	ND
	03/09/95	ND	ND	ND	ND	ND	ND
	06/20/95	ND	ND	ND	ND	ND	ND
	09/21/95	ND	ND	ND	ND	ND	ND
	12/22/95	ND	ND	4	ND	ND	ND
	12/10/96	BDL	BDL	BDL	BDL	BDL	BDL
	03/12/98	BDL	BDL	BDL	BDL	BDL	BDL
	09/22/98	BDL	BDL	BDL	BDL	BDL	BDL
	MW-5	12/23/92	ND	ND	ND	ND	ND
03/09/93		ND	ND	ND	ND	ND	ND
06/10/93		ND	ND	ND	ND	ND	ND
09/17/93		ND	ND	ND	ND	ND	ND
12/21/93		ND	ND	ND	ND	ND	ND
03/21/94		ND	ND	ND	ND	60	ND
06/30/94		ND	ND	ND	ND	47	ND
08/31/94		ND	ND	ND	ND	ND	ND
12/27/94		ND	ND	ND	ND	56	ND
03/09/95		ND	ND	ND	ND	ND	ND
06/20/95		ND	ND	ND	ND	ND	ND
09/21/95		ND	ND	ND	ND	ND	ND
12/22/95		ND	ND	ND	ND	ND	ND
03/12/98		BDL	BDL	BDL	BDL	BDL	BDL
09/22/98		BDL	BDL	BDL	BDL	BDL	BDL
RW-1	06/12/97	15.5	22.9	17.6	60.1	370	ND

*Explanation:*

B=benzene

E=ethyl benzene

T=toluene

X=total xylenes

THG=total hydrocarbons as gasoline

MTBE=methyl-tert-butyl-ether

GRO=gasoline range organics

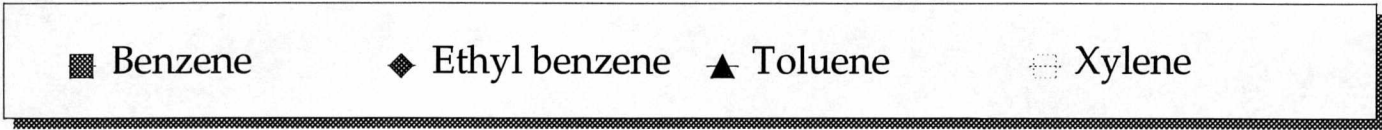
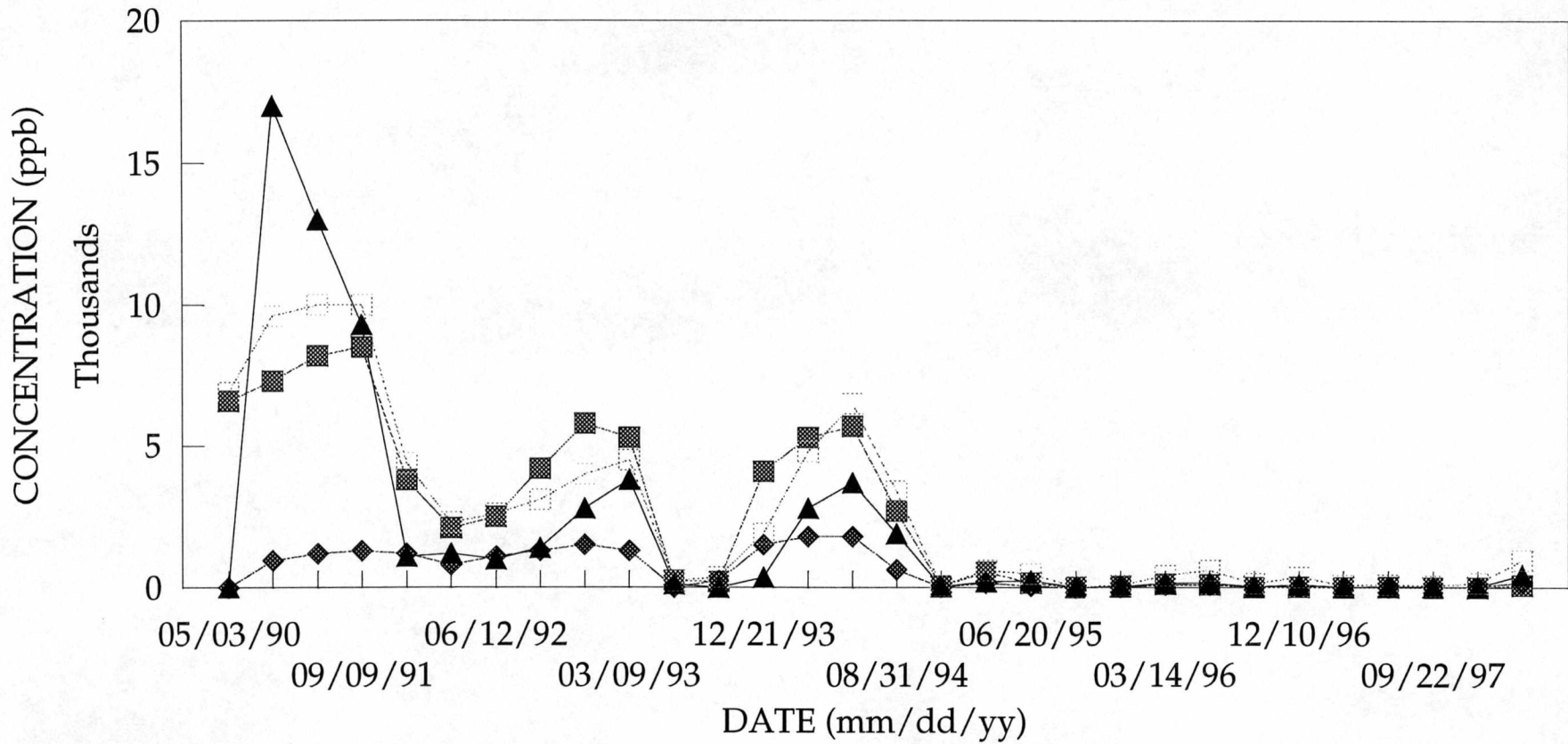
ND = Not detected at the laboratory detection limit.

BDL = Blow laboratory detection limit.

\* = indicates sample contains higher boiling hydrocarbons

# GROUNDWATER ANALYTICAL DATA MW-2

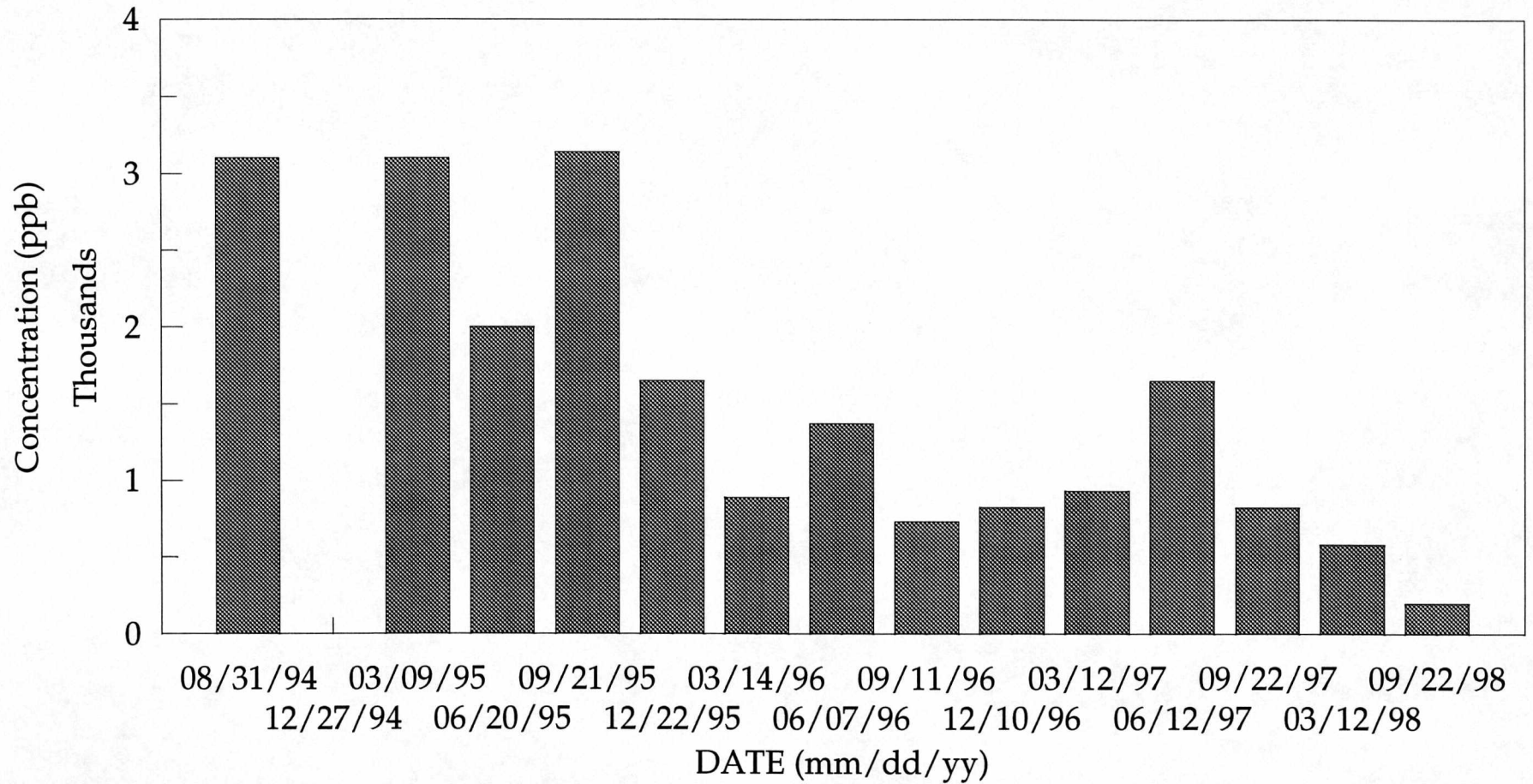
Former Conoco Store # 23034, W. St. Paul, MN (24930601)



0601LABANAL

### Benzene Concentrations, MW-3

Former Conoco Store #23034, 1126 S. Robert St., W. St. Paul, MN (24930601)



■ Benzene

TABLE 3

DISSOLVED OXYGEN DATA

Conoco Store # 23034  
1126 South Robert St., W. St. Paul, Minnesota (24930601)

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	SVV-1	SVV-4	SVV-5	SVV-8	SVV-10	SVV-11	RW-1
07/08/94	2	1.5	2.1	3	6.5	7.5	1.4	2.2	1.9	*	1.8	*
08/15/94	0.6	0.6	1	2.5	2.5	7	*	1.5	1	*	1.5	*
08/15/94	0.7	0.7	1	2.6	2.7	7.2	*	1.5	1	*	1.4	*
01/16/95	*	1	*	*	*	1	4	6.2	0.8	*	1	*
03/09/95	0.5	0.4	0.5	0.5	1.3	*	2.4	*	*	*	*	*
04/06/95	*	*	*	*	*	*	*	1.6	*	*	*	*
05/11/95	*	*	*	*	*	3.6	2.6	9.2	1.6	2.1	2.4	*
06/20/95	1.5	1.2	1.4	1.8	1.5	1.6	2.8	1.4	1	1	0.9	*
08/02/95	0.9	0.8	1	1.2	1.4	1	2.2	1.4	0.8	1	0.8	*
08/29/95	1.4	1.5	1.6	1.6	4.2	2.6	2.2	3.2	1.3	1.6	1.3	*
09/21/95	1.2	1.2	1.4	1.5	2.8	2.8	3	3.8	1.5	2	1.2	*
10/03/95	0.6	1.4	1.1	1.4	1.5	0.7	1	*	*	*	*	*
11/21/95	1.0	1.0	1.3	1.1	3.0	1.0	1.0	1.8	*	*	*	*
12/22/95	*	*	*	*	*	0.6	2.2	*	*	*	*	*
01/12/96	*	*	*	*	*	*	6.2	9.8	*	*	*	*
02/27/96	*	*	*	*	*	5.5	10.4	*	*	*	*	*
03/14/96	2.0	1.2	1.7	1.0	9.3	*	*	*	*	*	*	*
04/15/96	1	*	*	*	*	5.8	7	10.2	*	*	*	*
05/09/96	3.8	1.1	0.9	1.3	8.1	*	*	*	*	*	*	*
06/07/96	3.4	2.7	0.7	0.9	7.1	*	*	*	*	*	*	*
10/31/96	*	*	0.7	*	*	*	*	*	0.9	0.5	0.4	1.5
11/08/96	1.3	1.9	0.8	1.7	4.9	*	*	*	0.5	0.5	0.4	1.5
11/15/96	*	*	0.3	*	*	*	*	*	1.1	0.6	0.8	0.6
11/27/96	*	*	1.8	*	*	*	*	*	5.9	0.7	DRY	0.6
12/10/96	*	2.9	1.7	4.1	5.0	*	*	*	4.7	0.9	DRY	1
12/17/96	*	*	0.5	*	*	*	*	*	7.4	2.3	DRY	1.5
12/23/96	*	*	1.0	*	*	*	*	*	1.6	1.5	*	0.9
01/06/97	*	1.9	0.8	1.1	8.2	*	*	*	5.3	0.7	*	6.7
01/15/97	*	*	1.8	*	*	*	*	*	4.1	1.2	*	2
01/22/97	*	*	2.0	*	*	*	*	*	4.4	1.8	*	2.3
02/03/97	*	1.5	2.4	0.9	6.9	*	*	*	1.3	0.6	*	6
02/19/97	*	*	2.7	*	*	*	*	*	1.5	0.9	*	4.7
02/26/97	*	*	2.3	*	*	*	*	*	*	1.6	*	4.8

TABLE 3

DISSOLVED OXYGEN DATA  
 Conoco Store # 23034  
 1126 South Robert St., W. St. Paul, Minnesota (24930601)

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	SVV-1	SVV-4	SVV-5	SVV-8	SVV-10	SVV-11	RW-1
03/12/97	*	2.2	3.0	1.2	8.1	*	*	*	*	1.1	*	3.9
03/26/97	*	*	2.1	*	*	*	*	*	4.4	1.5	*	1.2
04/04/97	*	*	1.1	*	*	*	*	*	4.7	2.8	*	5.3
04/16/97	*	*	2.3	*	*	*	*	*	5.1	4.1	*	3.2
04/28/97	6.7	3.0	2.4	2.5	7.5	*	*	*	4.7	6.8	*	2.9
05/21/97	*	*	3.7	*	*	*	*	*	5.3	4.8	*	3.4
05/29/97	*	*	1.2	*	*	*	*	*	4.5	6.1	*	5.1
06/12/97	4.5	3.1	1.4	5.5	7.0	*	*	*	4.5	6.1	*	4.3
06/30/97	2.4	*	1.7	*	*	*	*	*	5.0	*	3.0	1.6
07/17/97	0.5	2.2	1.5	0.6	9.0	*	*	*	2.6	3.8	*	3.4
07/29/97	*	*	4.4	*	*	*	*	*	4.7	1.4	*	3.6
08/11/97	0.8	3.8	3.4	1.1	10.6	*	*	*	3.5	1.9	*	3.5
08/25/97	*	*	1.9	*	*	*	*	*	3.0	3.5	*	1.9
09/22/97	*	*	*	*	*	*	*	*	*	*	*	*
10/07/97	1.2	2.1	0.9	0.9	6.1	*	*	*	3.3	2.5	*	5.7
03/12/98	6.4	2.4	4.0	6.2	8.3	*	*	*	*	*	*	*
09/22/98	*	*	*	*	*	*	*	*	*	*	*	*

Explanation:

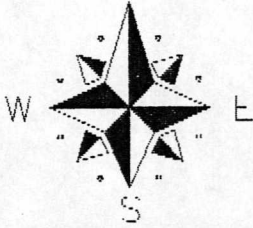
Measurements in mg/l  
 \* = Data not collected

DAHL

**FIGURES**

- 1 - Site Location Map
- 2 - Groundwater Gradient Map

NORTH



# PROJECT SITE LOCATION

LAT. N. 44° 54' 40"  
LONG. W. 93° 04' 45"

T. 28N  
R. 22W  
SEC. 17

U.S.G.S. STANDARD NAME  
ST. PAUL EAST, MINN.



QUADRANGLE LOCATION



SCALE 1:24000

1000 0 1000 2000 3000 4000 5000 6000 FEET

1 5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

Heavy duty Light duty

Medium duty Unimproved dirt

Interstate Route U.S. Route State Route

BASED ON U.S.G.S. 7.5 MINUTE SERIES (TOPOGRAPHIC) MAP

4390 McMenemy Road  
Saint Paul, MN. 55127  
Phone (612)490-2905  
FAX (612)490-3777

# DAHL

& ASSOCIATES, INC.  
Environmental Consultants, Contractors & Engineers

## LOCATION MAP

CONOCO INC.  
1126 ROBERT STREET SOUTH  
WEST ST. PAUL, MINNESOTA

PLOT DATE 06/26/95 AutoCAD FILE NAME 0601-01A PLOT SCALE 1" = 2000'

DATE DRAWN	06/26/95	DRAWN BY	JACOB SZALOMC	APPR. BY	
PROJECT NUMBER	VEMN0601	DRAWING NUMBER	A- 01 -A	FIGURE NUMBER	1

SOUTH ROBERT STREET

DAIRY QUEEN

BUTLER AVENUE

NORTH

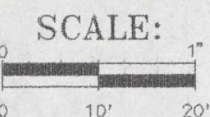


EXPLANATION

NOTE :  
This drawing (including property lines, structures, and locations of buried utilities) is not exact. For precise locations, consult a registered land surveyor and appropriate utility company.

⊙ MW- MONITORING WELL

GROUNDWATER GRADIENT DATA:  
\* BASED ON DATA COLLECTED ON 09/22/98  
AVERAGE GRADIENT=1.46 x 10<sup>-2</sup> ft/ft



**DAHL**  
& Associates, Inc.  
Environmental Consultants, Contractors & Engineers

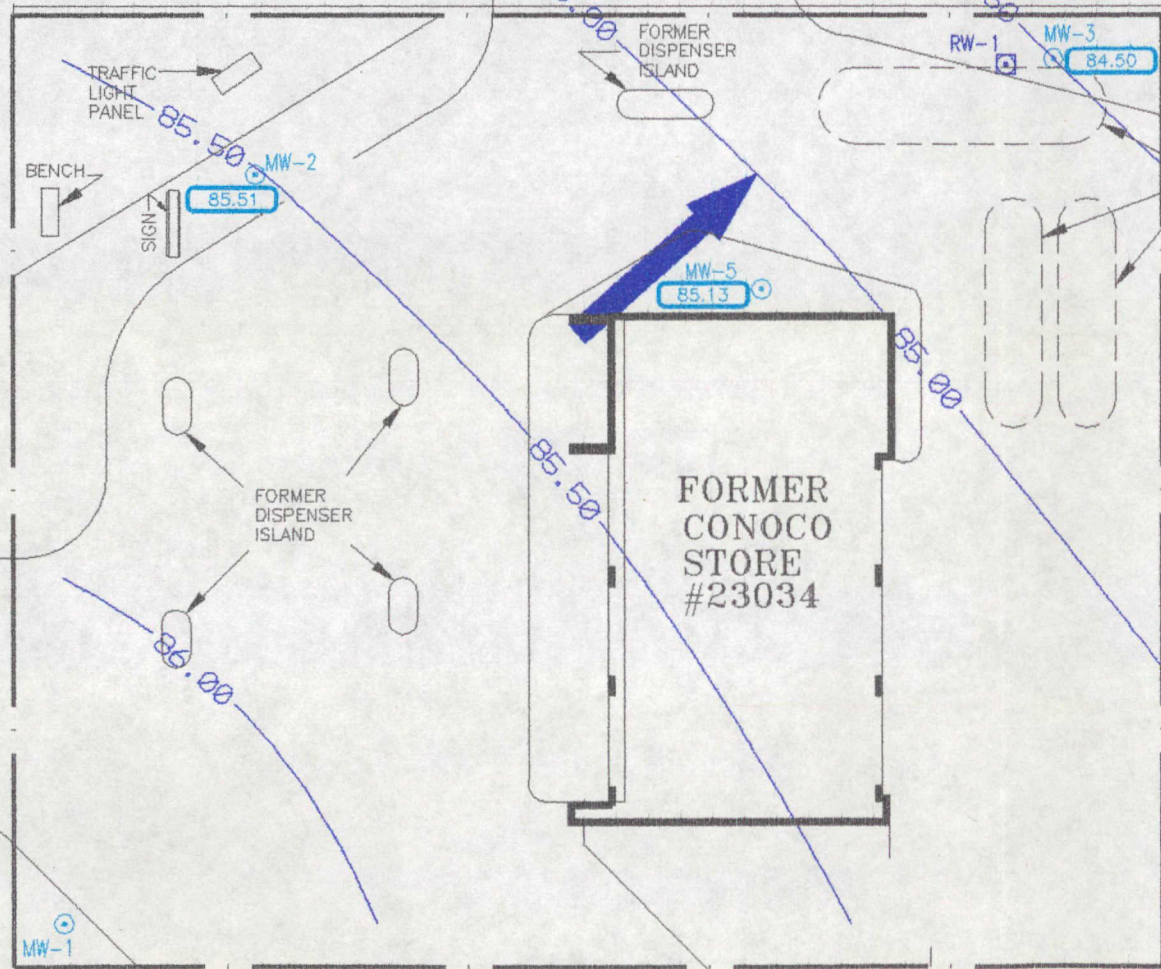
Offices: Santa Barbara, CA - Bettendorf, IA - Ann Arbor, MI  
St. Paul, MN - Ponca City, OK - Tulsa, OK - Fort Worth, TX

DAHL STD NO: N:\VEMN0601\

GROUNDWATER GRADIENT  
09/22/98

FORMER CONOCO - STORE #23034  
1126 ROBERT STREET SOUTH  
WEST ST. PAUL, MINNESOTA

PLOT DATE 10/20/98 AUTOCAD FILE NAME 0601-15R PLOT SCALE 1" = 20'



NANCY RADDATZ DANCE

STOFFEL'S CHIRO

DATE DRAWN	10/20/98
DRAWN BY	Don
REVISION DATE	
DRAWING NUMBER	B-15-R
PROJECT NUMBER	24930601
FIGURE NUMBER	

ENVIRONMENT

**APPENDIX A**

Laboratory Reports

330 SO. CLEVELAND ST.  
P.O. BOX 349  
CAMBRIDGE, MN 55008  
LAB (612) 689-2175  
METRO (612) 444-9270  
FAX (612) 689-3660



## MIDWEST ANALYTICAL SERVICES

LAKE SUPERIOR LABORATORIES

MINNESOTA CERTIFIED LABORATORY  
NUMBER 027-059-156



205 WEST 2ND STREET  
SUITE 105  
DULUTH, MN 55802  
LAB (218) 722-9884  
FAX (218) 722-9964

# Analytical Report

October 13, 1998

Mark Smith  
Dahl & Associates  
4390 McMenemy Road  
St. Paul, MN 55127

### Chain of Custody

Project ID: 24930601

Chain of Custody: 20800

Date Received: 9/23/98 3:18:43 PM by Chris Norman

### Sample Information

SampleID	Description	Date	Matrix
35018	MW-1	9/22/98	Water
35019	MW-2	9/22/98	Water
35020	MW-3	9/22/98	Water
35021	MW-4	9/22/98	Water
35022	MW-5	9/22/98	Water
35023	Dup.	9/22/98	Water
35024	FB (Field Blank)	9/22/98	Water

Analytical results are listed on the following page(s).

### Reviewed By

*Corey Majorowicz FOR R.S.*

Corey Majorowicz  
Organic Chemist

MIDWEST ANALYTICAL SERVICES

October 13, 1998

Page 2

COC 20800

Date Analyzed: 10-01-98

Parameter:	Benzene	Toluene	Ethyl Benzene	Xylenes	Total Hydrocarbons as	
					GRO	DRO
<b>Units:</b>	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)
<b>MDL:</b>	1.0	1.0	1.0	3.0	0.1	0.1
35018 MW-1	BDL	BDL	BDL	BDL	BDL	0.1
35019 MW-2	80.5	446	182	965	3.53	
35020 MW-3	200	682	1970	3560	14.2	3.1
35021 MW-4	BDL	BDL	BDL	BDL	BDL	
35022 MW-5	BDL	BDL	BDL	BDL	BDL	0.1
35023 Dup.	197	311	1800	3080		
35024 Field Blank	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit, MDL = Method Detection Limit

**NOTE:** MTBE analysis was not run due to laboratory check-in error.



330 SO. CLEVELAND ST.  
P.O. BOX 349  
CAMBRIDGE, MN 55008

AND  
REQUEST FOR ANALYSIS

(Instructions on Back of Form)

LAB (612) 689-2175  
METRO (612) 444-9270  
FAX (612) 689-3660

CLIENT: DAHL	SAMPLER NAME: M. SMITH	SHADED AREAS FOR LABORATORY USE ONLY
PROJECT I.D.: 2493 0601	SAMPLER SIGNATURE: <i>M. Smith</i>	
REPORTS TO BE SENT TO: M. SMITH	REMARKS:	

NO. OF CONTAINERS	COMP.	GRAB	DATE	TIME	MATRIX			SAMPLE IDENTIFICATION			GRO (Includes BTEX) & MTBE	DRO	BTEX	VOC (465-D)	PH	Pb (DISS. OR TOTAL)	RCRA 8 METALS	BOD OR CBOD	TSS	FCOL OR TCOL					PRESERVATIVE						
					WATER	SOIL	OTHER	SAMPLE	SAMPLE NO.	LABORATORY I.D. NO.															HCl	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	ICE	OTHER		
4		X	9/22	PM	X			MW-1		35018	X	X														X					
3		X			X			MW-2		35019	X															X					
4		X			X			MW-3		35020	X	X														X					
3		X			X			MW-4		35021	X															X					
4		X			X			MW-5		35022	X	X														X					
3		X			X			DUP		35023			X													X					
3		X			X			FB (FIELD BUND)		35024			X													X					

Relinquished by: (Signature) <i>M. Smith</i>	Date / Time 9/23/01 12:30	Received by: (Signature) <i>Chris M. Wanta</i>	Relinquished by: (Signature) <i>[Signature]</i>	Date / Time	Received by: (Signature)	CHECK HERE FOR DRINKING WATER DETECTION LIMITS <input type="checkbox"/>
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)	
Relinquished by: (Signature) <i>Chris M. Wanta</i>	Date / Time 9/23/01 1:45	Received for Laboratory by: (Signature) <i>[Signature]</i>	Date / Time 9/23 1:50	Temperature	Comments: <i>[Signature]</i>	

330 SO. CLEVELAND ST.  
P.O. BOX 349  
CAMBRIDGE, MN 55008

**MIDWEST ANALYTICAL SERVICES**

LAB (612) 689-2175  
METRO (612) 444-9270  
FAX (612) 689-3660



MINNESOTA CERTIFIED LABORATORY  
NUMBER 027-059-156

**Analytical Report**

March 30, 1998

Mark Smith  
**Dahl & Associates**  
4390 McMenemy Road  
St. Paul, MN 55127

**Chain of Custody**

**Project ID:** 24930601  
**Chain of Custody:** 20786  
**Date Received:** 3/13/98 3:44:31 PM by Sara Van Brunt

**Sample Information**

SampleID	Description	Date	Matrix
26377	24960601 MW-1	3/12/98	Water
26378	24930601 MW-2	3/12/98	Water
26379	24930601 MW-3	3/12/98	Water
26380	24930601 MW-4	3/12/98	Water
26381	24930601 MW-5	3/12/98	Water
26382	24930601 Dup	3/12/98	Water

Analytical results are listed on the following page(s).

**Reviewed By**

  
Chad Holznel  
Chemist

MIDWEST ANALYTICAL SERVICES

March 30, 1998

Page 2

COC 20786

Parameter:	MTBE	Benzene	Toluene	Ethyl Benzene	Xylenes	Total Hydrocarbons as GRO
<b>Units:</b>	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)
<b>MDL:</b>	10.0	1.0	1.0	1.0	3.0	0.1
26377 MW-1	BDL	BDL	BDL	BDL	BDL	BDL*
26378 MW-2	BDL	26.8	23.5	32.3	167	0.96
26379 MW-3	<500	581	253	2750	4470	32.9
26380 MW-4	BDL	BDL	BDL	BDL	BDL	BDL*
26381 MW-5	BDL	BDL	BDL	BDL	BDL	BDL
26382 Dup		831	446	3460	5570	

BDL = Below Detection Limit, MDL = Method Detection Limit

\* = Peaks present in range but below detection limit.



330 SO. CLEVELAND ST.  
P.O. BOX 349  
CAMBRIDGE, MN 55008

AND  
REQUEST FOR ANALYSIS

(Instructions on Back of Form)

LAB (612) 689-2175  
METRO (612) 444-9270  
FAX (612) 689-3660

CLIENT: <u>Dahl</u>				SAMPLER NAME: <u>Dietrich Roggy</u>				SHADED AREAS FOR LABORATORY USE ONLY																					
PROJECT ID: <u>24930601</u>				SAMPLER SIGNATURE: <u>[Signature]</u>																									
REPORTS TO BE SENT TO: <u>Mark Smith</u>				REMARKS:																									
NO. OF CONTAINERS	COMP.	GRAB	DATE	TIME	MATRIX															SAMPLE IDENTIFICATION			GRO (Includes BTEX)	DRO	BTEX	VOC (465-D)		PH	Pb (DISS. OR TOTAL)
3	✓	3/12	1430	X	WATER	SOIL	OTHER	24930601	MW-1	26377	✓	✓																	
↓	✓	↓	1500	X				2		26378	✓	✓																	
↓	✓	↓	1630	X				3		26379	✓	✓																	
↓	✓	↓	1530	X				4		26380	✓	✓																	
↓	✓	↓	1600	X				5		26381	✓	✓																	
↓	✓	↓		X				Dump		26382	✓	✓																	
Relinquished by: (Signature) <u>[Signature]</u>				Date / Time <u>3/13/88</u>		Received by: (Signature) <u>[Signature]</u>				Date / Time		Received by: (Signature)		CHECK HERE FOR DRINKING WATER DETECTION LIMITS <input type="checkbox"/>															
Relinquished by: (Signature) <u>[Signature]</u>				Date / Time		Received by: (Signature)				Date / Time		Received by: (Signature)																	
Relinquished by: (Signature) <u>[Signature]</u>				Date / Time <u>3/15/88</u>		Received for Laboratory by: (Signature) <u>[Signature]</u>				Date / Time		Comments Temperature:		TURNAROUND TIME REQUIRED: <input type="checkbox"/> NORMAL <input type="checkbox"/> RUSH DATE REQUIRED: _____															
Relinquished by: (Signature) <u>[Signature]</u>				Date / Time		Received for Laboratory by: (Signature)				Date / Time		Comments																	