PEER

Peer Environmental & Engineering Resources, Inc.

January 4, 1995

Ms. Jessica Ebertz
Minnesota Pollution Control Agency
Hazardous Waste Division
Tanks and Spills Section
520 Lafayette Road
St. Paul, MN 55155

RE: Quarterly Ground Water Monitoring Results
University of Minnesota
Oak Street and 5th Street Southeast
Minneapolis, Minnesota
MPCA Site ID #: LEAK00006134

Dear Ms. Ebertz:

Enclosed is a copy of the Site Monitoring Worksheet (Fact Sheet #7) for the above referenced site. The worksheet documents the results of the fourth round of quarterly ground water sampling which was completed on December 8, 1994.

For the first two rounds of sampling completed in March and June of 1994, all four monitoring wells at the site were sampled according to the Minnesota Pollution Control Agency (MPCA) CAD approval letter dated December 29, 1993. Because no target petroleum constituents were detected in MW-1, MW-2, or MW-3 during these sampling events, we proposed in our second quarterly report dated July 8, 1994 that the sampling for the last two quarters be limited only to MW-4. This was approved by Mr. Steve Geyen, the MPCA project hydrologist, in a telephone conversation on September 6, 1994.

As with the previous three quarterly sampling events, laboratory analytical results for the fourth round indicates limited ground water impacts. Only diesel range organics (DRO) were detected in MW-4. The DRO concentration in this well increased somewhat over the levels of the previous rounds.

Based on the limited ground water impacts detected in all four rounds of sampling and the localization of the impacts to the area near MW-4, we recommend that no additional ground water monitoring be performed at the property. Therefore, file closure is requested.

Should you have any questions, please feel free to contact us at your convenience at (612) 831-3341.

Sincerely,

Peer Environmental & Engineering Resources, Inc.

Todd M. Lantto
Environmental Engineer

Stephen T. Jansen, M. S.
Vice President

TML/STJ:ab
Enclosures

pc: Mr. Gordon Girtz, University of Minnesota

SITE MONITORING WORKSHEET

Fact Sheet #7

Minnesota Pollution Control Agency
LUST Cleanup Program
April 1993
(Form retyped by Peer Environmental & Engineering Resources, Inc.)

The Minnesota Pollution Control Agency (MPCA) staff expect this worksheet to simplify the required post-investigation site monitoring reports. Submit this worksheet:

- quarterly, after the remedial investigation (RI) is complete but before corrective action is taken;
- quarterly, during corrective action design (CAD) installation; and
- quarterly, after CAD is operational, along with "CAD System Monitoring Worksheet," (fact sheet #11).

Completion and submittal according to the above schedule fulfills your quarterly site monitoring report requirements. You may include a short cover letter whenever circumstances require. However, you must still submit an annual progress report as described in "Petroleum Tank Release Reports" (fact sheet #3). [NOTE: MPCA staff may reduce the frequency of progress reporting on a site specific basis.]

Where attachments are requested (tables, maps, graphs, etc.), please check off those items attached. The only table not mandatory is that for dissolved oxygen.

MPCA Leak Number: **LEAK00006134, University of Minnesota, Oak St. and 5th St. SE. Minneapolis, Minnesota.**

I. GROUND WATER MONITORING (December 8, 1994)

Please attach the following:

√* Cumulative table of ground water monitoring results, including all sample blanks.
√ Copies of most recent laboratory reports for ground water analyses, including a copy of the Chain of Custody.
√ Cumulative table of ground water elevation and product thickness results.
** Hydrograph for all monitoring and recovery wells.
** Graph(s) showing contaminant concentrations over time for all monitoring and recovery wells.
√ Ground water contour map based on the most recent ground water elevation data.
N/A Table of dissolved oxygen sample results (if collected).

UMR-2822

*** Monitoring wells MW-1, MW-2 and MW-3 were initially sampled on 3/11/93 (GRO, DRO and MDH 465D analyses) and 5/21/93 (MDH 465D analysis) as part of the remedial investigation by Delta Environmental Consultants, Inc. The sampling results are included in Tables 3 and 4. Target petroleum compounds are listed in Table 2.**

**** Hydrographs and contamination concentration graphs are not included with this worksheet.**

Please describe unusual circumstances that may have influenced the sampling results: **None.**

Please detail significant observations made at the site: **The ground water sample collected from MW-4 was moderately turbid and had a petroleum odor and a slight sheen.**

II. VAPOR IMPACT MONITORING

If vapor impacts were detected during the removal investigation, please attach:

N/A A cumulative table of vapor monitoring results. The table should identify the location of all vapor monitoring points (i.e., sewer manholes, basements, etc.).
N/A A map of vapor monitoring locations.

Sampling instrument used: **N/A**
Sampling method: **N/A**

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 MPCA spills unit at voice (612) 297-8610, TDD (612) 297-5353 or Greater Minnesota TDD 1-800-627-3529.

Vapor mitigation is required.

III. RECOMMENDATIONS

Use this space to detail any recommendations for modifying the current monitoring schedule:

One year of quarterly monitoring was performed in accordance with the MPCA Corrective Action Design approval letter dated December 29, 1993 as modified by Mr. Steven Geyen of the MPCA, to establish trends in concentrations of target petroleum constituents. Based on the limited impacts to ground water and the localization of these impacts to the area near MW-4, we recommend that no additional ground water monitoring be performed at the property. Therefore, file closure is requested.

Upon request, this document can be made available in other formats, including Braille, large print and audio tape. TDD Users, call the Minnesota State Relay Service, (612) 297-5353 or Greater Minnesota TDD 1-800-627-3529.

TABLES

TABLE 1 WATER LEVEL MEASUREMENT DATA				
Well	Date	Elevation of TOR (feet)	Water Level Below TOR (feet)	Water Level Elevation (feet)
MW-1	3/11/93	832.04	15.37	816.67
	3/26/93	832.04	15.47	816.57
	6/21/93	832.04	15.14	816.90
	3/10/94	832.04	14.78	817.26
	6/15/94	832.04	14.49	817.55
	9/14/94	832.04	14.56	817.48
	12/8/94	832.04	14.45	817.59
MW-2	3/11/93	834.79	14.06	820.73
	3/26/93	834.79	14.37	820.42
	6/21/93	834.79	13.88	820.91
	3/10/94	834.79	14.20	820.59
	6/15/94	834.79	13.70	821.09
	9/14/94	834.79	13.70	821.09
	12/8/94	834.79	13.43	821.36
MW-3	3/11/93	833.32	16.66	816.66
	3/26/93	833.32	16.74	816.58
	6/21/93	833.32	16.40	816.92
	3/10/94	833.32	16.45	816.87
	6/15/94	833.32	16.97	816.35
	9/14/94	833.32	15.90	817.42
	12/8/94	833.32	15.71	817.61
MW-4	6/21/93	832.18	15.00	817.18
	3/10/94	832.18	14.85	817.33
	6/15/94	832.18	14.60	817.58
	9/14/94	832.18	14.49	817.69
	12/8/94	832.18	14.33	817.85
NOTES: TOR = Top Of Riser				

TABLE 2
SUMMARY OF GROUND WATER ANALYTICAL RESULTS

Compound/ Parameter	MW-1				MW-2				MDH RAL
	3/11/93	5/21/93	3/10/94	6/15/94	3/11/93	5/21/93	3/10/94	6/15/94	
Benzene	ND (0.1)	ND (0.2)	ND (1.0)	ND (1.0)	ND (0.1)	0.46	ND (1.0)	ND (1.0)	10
Ethyl benzene	ND (0.1)	0.25	ND (1.0)	ND (1.0)	ND (0.1)	0.17	ND (1.0)	ND (1.0)	700
Toluene	ND (0.6)	ND (0.6)	ND (1.0)	ND (1.0)	ND (0.6)	ND (0.6)	ND (1.0)	ND (1.0)	1,000
Total Xylenes	ND (0.1)	0.35	ND (2.0)	ND (2.0)	ND (0.1)	0.23	ND (2.0)	ND (2.0)	10,000
DRO	24	NT	ND (100)	ND (100)	ND (10)	NT	ND (100)	ND (100)	NE
GRO	ND (20)	NT	NT	NT	ND (20)	NT	NT	NT	NE

NOTES:

All units reported in ug/L which is equivalent to parts per billion (ppb).
NT = Not Tested.
ND ( ) = Compound or parameter not detected at or above concentration listed in parentheses.
MDH HRL = Minnesota Department of Health Risk Limits.
NE = Not established.
Sampling results from March 1993 and May 1993 are also included on Table 3 and Table 4 of the RI report prepared by Delta.
MW-1, MW-2 and MW-3 were not sampled on the September 14, 1994 round.

TABLE 2 (CONTINUED)
SUMMARY OF GROUND WATER ANALYTICAL RESULTS

Compound/ Parameter	MW-3				MW-4					MDL HRL
	3/12/93	5/21/93	3/10/94	6/15/94	5/21/93	3/10/94	6/15/94	9/14/94	12/8/94	
Benzene	ND (0.1)	0.35	ND (1.0)	ND (1.0)	1.4	ND (1.0)	ND (1.0)	ND (1.0)	ND (5.0)	10
Ethyl benzene	ND (0.1)	ND (0.1)	ND (1.0)	ND (1.0)	ND (0.5)	ND (1.0)	21	1.5	ND (5.0)	700
Toluene	ND (0.6)	ND (0.6)	ND (1.0)	ND (1.0)	ND (3.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (5.0)	1,000
Total Xylenes	ND (0.1)	0.25	ND (2.0)	ND (2.0)	74.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (5.0)	10,000
DRO	ND (10)	NT	ND (100)	ND (100)	NT	2,100	7,800	7,700	10,000	NE
GRO	ND (2.0)	NT	NT	NT	NT	NT	NT	NT	NT	NE

NOTES:

All units reported in ug/L which is equivalent to parts per billion (ppb).
NT = Not Tested.
ND ( ) = Compound or parameter not detected at or above concentration listed in parentheses.
MDH HRL = Minnesota Department of Health Risk Limits.
NE = Not established.
Sampling results from March 1993 and May 1993 are also included on Table 3 and Table 4 of the RI report prepared by Delta.
MW-1, MW-2 and MW-3 were not sampled on the September 14, 1994 round.

TABLE 3

Soil and Ground Water Chemistry Results - March 1993
4th and Oak Streets
University of Minnesota
Minneapolis, Minnesota
Delta No. 11-93-201

Parameter Units	SB-1[1]	SB-3	SB-4	SB-5C	SB-6	SB-9	MW-1	MW-2	MW-3
GRO	16						<20	<20	<20
DRO	430	310	<0.6	<0.6	8.5	<0.6	24	<10	<10
Volatile Organics[1] (MDH Method 465D)									
Sec-butylbenzene		0.54			0.094		0.59		
Tert-butylbenzene		1.4			0.12				
Ethylbenzene		0.44			0.13				
Isopropyl benzene		0.89			0.077				
p-Isopropyl toluene					0.032				
Methyl Isobutyl Ketone		0.48							
Naphthalene		0.12			0.034				
o-Xylene						0.0011			
Toluene						0.0017			
Trichloroethene									1.3
1,2,4-Trimethylbenzene				0.0006		0.0011			
m,p-Xylenes		0.072			0.072	0.0011			

ll soil concentrations expressed in milligrams per kilogram (mg/kg) and all ground water concentrations in micrograms per liter.
GRO = Gasoline Range Organics (mg/kg) MDH = Minnesota Department of Health
DRO = Diesel Range Organics (mg/kg)
= The chromatogram from this soil sample had a higher baseline concentration so method detection limits were higher.
= Only detected volatile organic compounds (VOC) are listed. A blank spot on the table or the absence of a VOC indicate it was not detected in that sample.

s.0-10593

Taken from the Remedial Investigation and Corrective Action Design Report, 4th and Oak Streets, MPCA Leak No.: 6134, July 23, 1993, Delta Environmental Consultants, Inc.

TABLE 4
Ground Water Volatile Organic Hydrocarbon Chemistry Results
May 1993
4th and Oak Street
Minneapolis, Minnesota

	UNIT ug/l	MW-1	MW-2	MW-3	MW-4	COMMENTS
Acetone						
Allyl chloride						
Benzene		0.46	0.35	1.4		
Bromobenzene						
Bromochlorobenzene						
Bromodichloromethane						
Bromoform						
n-butylbenzene		0.97			59	
sec-Butylbenzene		0.38			37	
tert-Butylbenzene		0.39				
Carbon tetrachloride						
Chlorobenzene						
Chloroethane						
Chloroform						
Chloromethane						
2-Chlorotoluene						
4-Chlorotoluene						
1,2-Dibromo-3-chloropropane						
Dibromochloromethane						
1,2-Dibromoethane						
Dibromomethane						
1,2-Dichlorobenzene						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene						
Dichlorodifluoromethane						
1,1-Dichloroethane						
1,2-Dichloroethane						
1,1-Dichloroethene						
cis-1,2-Dichloroethene		0.65	0.58			
trans-1,2-Dichloroethene						
Dichlorofluoromethane						
1,2-Dichloropropane						
1,3-Dichloropropane						
2,2-Dichloropropane			0.84			

	UNIT ug/l	MW-1	MW-2	MW-3	MW-4	COMMENTS
1,1-Dichloropropene						
cis-1,3-Dichloropropene						
trans-1,3-Dichloropropene						
Ethyl ether						
Ethyl benzene		0.25	0.17			
Hexachlorobutadiene						
Isopropylbenzene					11	
p-Isopropyltoluene						
Methyl ethyl ketone						
Methyl isobutyl ketone						
Methyl-tert-butyl ether						
Methylene chloride						
Naphthalene		0.6	0.22	0.29	291	
n-Propylbenzene						
1,1,1,2-Tetrachloroethane						
1,1,2,2-Tetrachloroethane						
Tetrachloroethylene						
Tetrahydrofuran						
Toluene						
1,2,3-Trichlorobenzene						
1,2,4-Trichlorobenzene						
1,1,1-Trichloroethane						
1,1,2-Trichloroethane						
Trichloroethylene				1.1		
Trichlorofluoromethane						
1,2,3-Trichloropropane						
Trichlorotrifluoroethane						
1,2,4-Trimethylbenzene		0.34	0.41	0.32	27	
1,3,5-Trimethylbenzene					26	
Vinyl chloride						
o-Xylene, Styrene (1)		0.35	0.23	0.25	71	Styrene 11 M
m-p-Xylenes (1)					3.7	

Minnesota Department of Health Method 465D
(1) Compounds not separated by this method.

Taken from the Remedial Investigation and Corrective Action Design Report, 4th and Oak Streets, MPCA Leak No.: 6134, July 23, 1993, Delta Environmental Consultants, Inc.

FIGURES

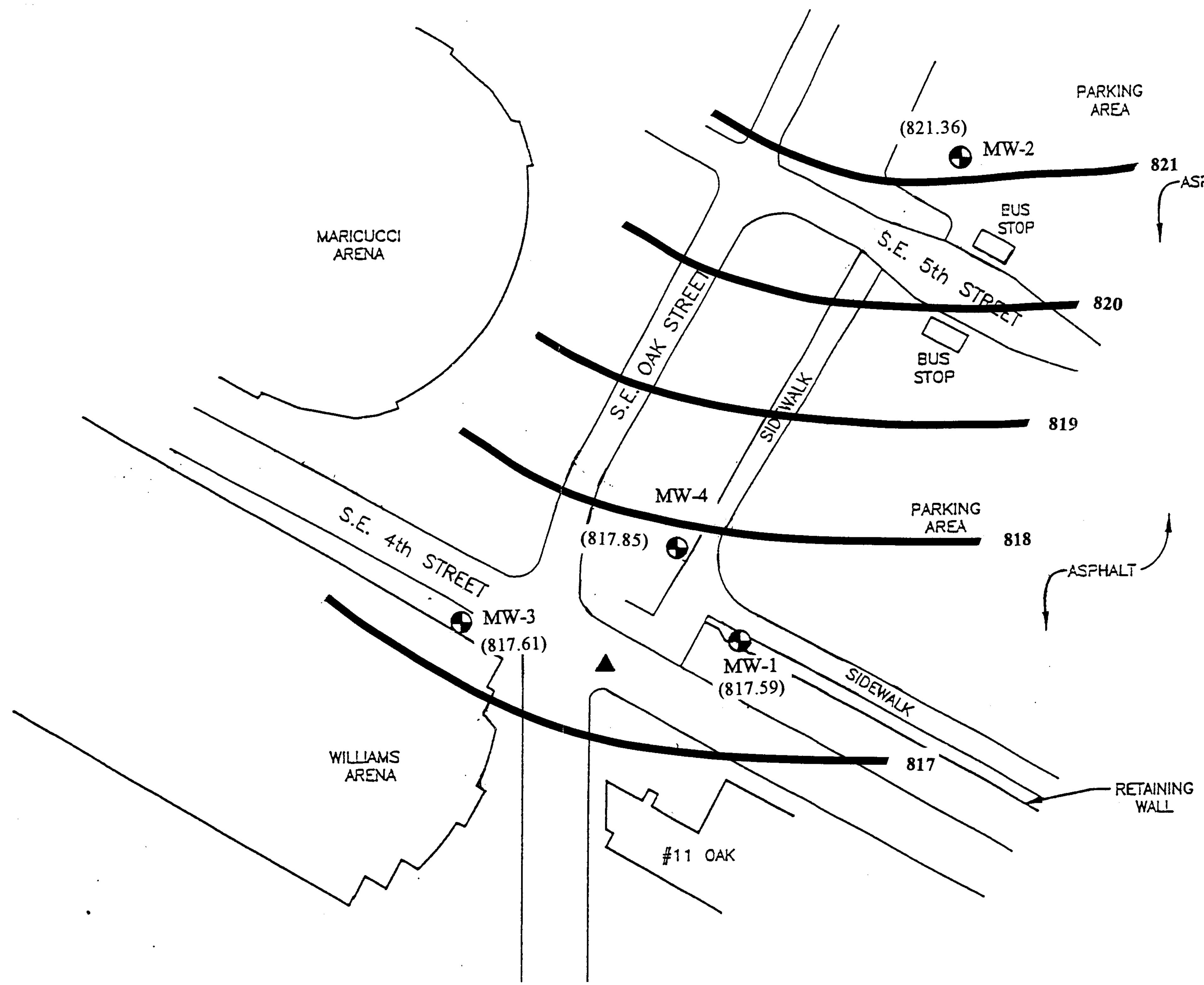
SCALE IN MILES

0 0.5 1.0

Taken from St. Paul West, Minnesota
7.5 Minute Series Topographic Map
1977, United States Geological Survey.

N

Peer Environmental & Engineering Resources, Inc. Minneapolis, Minnesota	Site Location Map University of Minnesota Oak Street and Fifth Street Southeast Minneapolis, Minnesota	**Dec. 94** 1



LEGEND

- Monitoring Well
- Water Table Contour
- (817.59) Water Table Elevation
- ▲ Benchmark Elevation 828.25'

SCALE IN FEET

0 — 100

N

Peer Environmental & Engineering Resources, Inc. Minneapolis, Minnesota	Water Table Configuration - 12/8/94 University of Minnesota Oak Street and Fifth Street Southeast Minneapolis, Minnesota	Dec. 94
		2

MONITORING WELL
SAMPLING DATA FORMS

MONITORING WELL SAMPLING DATA FORM	Peer Environmental & Engineering Resources, Inc. 7710 Computer Avenue, Minneapolis, MN 55435 Phone: (612) 831-3341 Fax: (612) 831-4552

Project/Client Name: U of M - oak + 4th		Project Number:
Well Number: MW-4	Date Sampled: 12-8-94	Time Collected: 11:15
MDH #: 526189	Sampling Order: only MW-4 was sampled	

GENERAL DATA

Casing Diameter, in: 2	Well Volume*, gal: 1.22	Well Locked? (Y) N
Static Depth, ft: 14.33	TOR Elev., ft: 832.18	Key Number 3753
Casing Length, ft: 21.84	Water Elev., ft: 817.85	Well Condition: good
*Well Volume Calculation: (casing length - static depth) x 0.163	Approximately three full bailers is equal to one gallon.	

Remove five well volumes: 6.72 gallons = 18.4 bailers

SAMPLE APPEARANCE

Color: gray

Turbidity: high

Odor: petroleum

FIELD EQUIPMENT	COMMENTS
Type of Bailer Used: Reusable PVC Bailer Disposable Polyethylene Bailer Disposable Teflon Bailer Other: ______	The well was quite silty.

Field Team: JDH	Form Completed by: JDH	Date Completed: 12-8-94

UMR-2834

ANALYTICAL TESTING REPORT

UMR-2835

REPORT OF LABORATORY ANALYSIS

December 20, 1994

Mr. James Hall
Peer Environmental & Eng. Resources, Inc
7710 Computer Avenue #101
Minneapolis, MN 55435-5417

RE: PACE Project No. 941208.515
Client Reference: Univ. of Minn- Oak & 4th, 4037

Dear Mr. Hall:

Enclosed is the report of laboratory analyses for samples received December 08, 1994.

Footnotes are given at the end of the report.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Paul D. Ernst
Project Manager

Enclosures

PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Peer Environmental & Eng. Resources, Inc
7710 Computer Avenue #101
Minneapolis, MN 55435-5417

December 20, 1994
PACE Project Number: 941208515

Attn: Mr. James Hall

Client Reference: Univ. of Minn- Oak & 4th, 4037

Parameter	Units	PRL	
PACE Sample Number:			10 0288950
Date Collected:			12/08/94
Time Collected:			11:15
Date Received:			12/08/94
			MW-4
ORGANIC ANALYSIS			
DIESEL RANGE ORGANICS-MOD. 8015			
Date Analyzed			12DEC94 X
Date Extracted			12/09/94
Diesel Range Organic Compounds	mg/L	0.10	10
Pentacosane (Surrogate Std.)	%		67
VOLATILE PETROLEUM RELATED COMPOUNDS			
Date Analyzed			19DEC94 E
Benzene	ug/L	5.0	ND
Toluene	ug/L	5.0	ND
Ethylbenzene	ug/L	5.0	ND
Xylenes	ug/L	10	ND
Fluorobenzene (Surrogate)	%		96.5

These data have been reviewed and are approved for release.

Paul D. Ernst
Project Manager

1710 Douglas Drive North
Minneapolis, MN 55422
TEL: 612-544-5543
FAX: 612-525-3377

PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Mr. James Hall
Page 2

FOOTNOTES
for page 1

December 20, 1994
PACE Project Number: 941208515

Client Reference: Univ. of Minn- Oak & 4th, 4037

ND	Not detected at or above the PRL.
PRL	PACE Reporting Limit

1710 Douglas Drive North
Minneapolis, MN 55422
TEL: 612-544-5543
FAX: 612-525-3377

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

December 20, 1994
PACE Project Number: 941208515

Client Reference: Univ. of Minn- Oak & 4th, 4037

DIESEL RANGE ORGANICS-MOD. 8015
Batch: 10 62549
Samples: 10 0288950

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Date Analyzed			12DEC94
Diesel Range Organic Compounds	mg/L	0.10	ND D3
Pentacosane (Surrogate Std.)	%		76

LABORATORY CONTROL SAMPLE:

Parameter	Units	PRL	Reference Value	Recv
Diesel Range Organic Compounds	mg/L	0.10	1.0	76%

REPORT OF LABORATORY ANALYSIS

Mr. James Hall
Page 4

QUALITY CONTROL DATA

December 20, 1994
PACE Project Number: 941208515

Client Reference: Univ. of Minn- Oak & 4th, 4037

PVOC/GRO IN WATER-METHODS 8020/MOD. 8015
Batch: 10 62770
Samples: 10 0288950

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Date Analyzed			19DEC94
Benzene	ug/L	1.0	ND
Toluene	ug/L	1.0	ND
Ethylbenzene	ug/L	1.0	ND
Xylenes	ug/L	2.0	ND
1,3,5-Trimethylbenzene	ug/L	1.0	ND
1,2,4-Trimethylbenzene	ug/L	1.0	ND
Methyl tert-butyl ether	ug/L	4.0	ND
Gasoline Range Organic Compounds	ug/L	50	ND
Fluorobenzene (Surrogate)	%		98.1

LABORATORY CONTROL SAMPLE:

Parameter	Units	PRL	Reference Value	Recv
Benzene	ug/L	1.0	100	91%
Toluene	ug/L	1.0	100	92%
Ethylbenzene	ug/L	1.0	100	90%
Xylenes	ug/L	2.0	300	129%
1,3,5-Trimethylbenzene	ug/L	1.0	100	90%
1,2,4-Trimethylbenzene	ug/L	1.0	100	90%
Methyl tert-butyl ether	ug/L	4.0	100	100%
Gasoline Range Organic Compounds	ug/L	50	1000	97%

ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Mr. James Hall | FOOTNOTES | December 20, 1994
Page 5 | for pages 3 through 4 | PACE Project Number: 941208515

Client Reference: Univ. of Minn- Oak & 4th, 4037

D3	Possible laboratory phthalate contaminant, not part of the hydrocarbon pattern associated with this method, was found in the sample. The observed value was subtracted from this report.
ND	Not detected at or above the PRL.
PRL	PACE Reporting Limit

pace INCORPORATED
THE ASSURANCE OF QUALITY

Report to: PEER Environmental, 7710 Computer Ave, Suite 101, Mpls, MN 55435

205568

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: University of Minnesota
Address: Oak & 4th

Phone:

Report To: Jim Hall / PEER
Bill To: Univ. of Minnesota c/o PEER
P.O. # / Billing Reference:
Project Name / No.: UNIV of Minn - Oak & 4th 4037

Pace Client No.:
Pace Project Manager:
Pace Project No.:
*Requested Due Date:

Sampled By (PRINT): James P. Hall
Sampler Signature: James P. Hall
Date Sampled: 12-8-94

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA	HCl		DRO	BETX	REMARKS
1	MW-4	11:15	Aqueous		4					4		X	X	
2														
3														
4														
5														
6														
7														
8														

COOLER NOS.	BAILERS	SHIPMENT METHOD OUT / DATE	RETURNED / DATE

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
	James P. Hall / PEER	[illegible] / PACE	12/8/94	12:30

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

UMR-2842

pace INCORPORATED
THE ASSURANCE OF QUALITY

Report to: PESR Environmental
7710 Computer Ave, Suite 1__
Mpls., MN 55435

205568

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: University of Minnesota
Address: Oak ___ 4 ___

Phone:

Report To: Jim Hall / PESR
Bill To: Univ. of Minnesota c/o PESR
P.O. # / Billing Reference:
Project Name / No. Univ of Minn – Oak ___ 4037

Pace Client No. 120560
Pace Project Manager: PDC
Pace Project No. 941208.515
Requested Due Date:

Sampled By (PRINT): James P. Hall
Sampler Signature: James P. Hall
Date Sampled: 12-8-94

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA	HCl		ANALYSES REQUEST: DRO	BETX	REMARKS
1	MW-4	11:15	Aqueous	288950	4					4		X	X	
2														
3														
4	Trip Blanks			288969	2									HOLD – [illegible] 12/8/94
5														
6														
7														
8														

COOLER NOS.	BAILERS	SHIPMENT METHOD OUT DATE	RETURNED DATE

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
	James P. Hall / PESR	[illegible] / PACE	12/8/94	12:30

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

UMR-2843