

Foth & Van Dyke

10340 Viking Drive
Suite 100
Eden Prairie, MN 55344
612/942-0396
FAX: 612/942-0865

LEAK 990

July 9, 1991

91W43-1

Mr. Bruce Weaver
Waste Management of Minnesota, Inc.
14730 Sunfish Lake Boulevard
P.O. Box 67
Anoka, MN 55303

RECEIVED

JUL 11 1991

**MPCA, HAZARDOUS
WASTE DIVISION**

Dear Mr. Weaver:

RE: Waste Management - Savage
Groundwater Monitoring Results for MW-2

Enclosed please find a copy of the results for our June sampling of MW-2. The sampling was done on June 5, 1991 and submitted to Pace, Inc. on June 5, 1991.

Mr. Mike Bluma, Foth & Van Dyke's technician who collected the sample, also attempted to sample the private, capped well located inside the building (unique number 207947) as requested by Mr. Lundy of the Minnesota Pollution Control Agency (MPCA). An inspection of the capped well resulted in the decision that collecting a sample was not possible.

The results show a continued decrease in benzene, the only parameter that previously was above the Minnesota Department of Health's (MDH) Recommended Allowable Limits (RAL) of 10 ug/l. This analysis had 10 ug/l of benzene compared to 15 ug/l in December 1990, the date of the previous sampling and analysis.

Please contact us if you have questions regarding this data.

Sincerely,

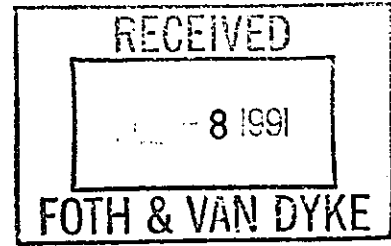
FOTH & VAN DYKE


Craig L. Johanesen
Associate

CLJ:jmk

cc: James R. Lundy, Minnesota Pollution Control Agency
Fred J. Doran, P.E., Foth & Van Dyke
Gerard M. Hamblin, P.E., Waste Management-Milwaukee
Mike Berkopec, Waste Management-Savage

July 02, 1991



Mr. Craig Johanesen
Foth & Van Dyke & Associates
10340 Viking Drive
Suite 100
Eden Prairie, MN 55344

Scope ID. 91W43
File # _____

RE: PACE Project No. 910606.503
90W56

Dear Mr. Johanesen:

Enclosed is the report of laboratory analyses for samples received June 06, 1991.

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

Sincerely,

Karen Reilly
R. Lorraine Vokaty
Project Manager

Enclosures

Foth & Van Dyke & Associates
 10340 Viking Drive
 Suite 100
 Eden Prairie, MN 55344

July 02, 1991
 PACE Project Number: 910606503

Attn: Mr. Craig Johanesen

90W56

PACE Sample Number:		10 0203882	10 0203890
Date Collected:		06/05/91	06/05/91
Date Received:		06/06/91	06/06/91
Parameter	Units	MDL	MW-2 Trip Blank

INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead, Dissolved	mg/L	0.1	ND	-
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ORGANIC ANALYSIS

VOLATILE PETROLEUM RELATED COMPOUNDS

Date Analyzed			E 06/12/91	E 06/12/91
Benzene	ug/L	1.0	10	ND
Toluene	ug/L	1.0	1.5	ND
Ethylbenzene	ug/L	1.0	21	ND
Xylenes	ug/L	2.0	96	ND
Total hydrocarbons as gasoline	ug/L	10	830	ND

HEXANE EXTRACTION FOR PETROLEUM PRODUCTS

Date Analyzed			B 06/15/91	-
Date Extracted			06/07/91	-
Fuel Oil #1	mg/L	0.10	ND	-
Fuel Oil #2	mg/L	0.10	ND	-

MDL Method Detection Limit
 ND Not detected at or above the MDL.

Mr. Craig Johanesen
Page 2

July 02, 1991
PACE Project Number: 910606503

90W56

These data have been reviewed and are approved for release.



Starla Enger
Inorganic Chemistry Manager



Liesa A. Shanahan
Organic Chemistry Manager

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client FOTH & VAN DYKE
Address 10340 VIKING DR. SUITE 100
EDEN PRAIRIE, MN 55394
Phone 942-0396

Report To: CRAIG JOHANSEN
Bill To: FOTH & VAN DYKE
P.O. # / Billing Reference 90W56
Project Name / No. 90W56

Pace Client No. 150401
Pace Project Manager RLV
Pace Project No. 916606503
*Requested Due Date: 6/07

Sampled By (PRINT):
MICHAEL BLUMA
Sampler Signature [Signature] Date Sampled 6/5/91

NO. OF CONTAINERS	PRESERVATIVES				ANALYSES REQUEST
	UNPRESERVED	H ₂ SO ₄	HNO ₃	VOA	
					BETA THC GAS THC OF FUEL OIL DIS LEAD

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H ₂ SO ₄	HNO ₃	VOA	ANALYSES REQUEST	REMARKS
1	MW-2	10:00	WATER	20388.2	5	1	1	3		X X X X	
2	TRIP BLANK		WATER	20389.0	2			2		X	
3											
4											
5											
6											
7											
8											

COOLER NOS.	BAILERS	SHIPMENT METHOD	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
		OUT / DATE RETURNED / DATE		<u>[Signature]</u> F&V D	<u>[Signature]</u>	<u>6/5</u>	<u>11:30</u>

Additional Comments