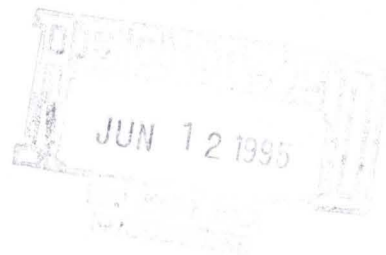




P O Box 16083 • Duluth, MN 55816-0083
Office: 218-628-0454
Fax: 218-628-0455

June 7, 1995

Chris Saari
Wisconsin Department of Natural Resources
6250 South Ranger Road, Box 125
Brule, WI 54820-0125



RE: Monthly Progress Report for the Moose Junction Lounge LUST Investigation near Dairyland, WI. Wisconsin Unique ID# 0301.

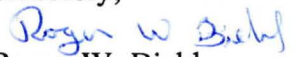
Mr. Saari:

Earth Burners Inc. (EBI) presents this monthly progress report as required by Administrative Order No. NWD-92-023. The following actions were completed in May, 1995:

- * Groundwater Sampling on May 19, 1995. MW-1 was not sampled due to a defective well cap. The cap will be replaced at the next opportunity.
- * Review groundwater analytical results. MW-2 GRO results were lower than normal but continues to be grossly contaminated. MW-4, the down-gradient well, has intermittently shown very low level BTEX contamination. The laboratory report is attached.
- * Compare costs for the proposed RAP (a pilot groundwater pump and treat through diffusion) and a soil vent/vapor extraction system. EBI's cost to install a soil vent system versus converting MW-2 into a low volume pilot pump and treat system are would increase costs four fold.

EBI will contact the WDNR when all bids for the soil vent/vapor extraction systems are received to compare remedial costs. Additionally, EBI has not been able to get an access agreement with the executor of estate concerning the property of the late Margaret Dickman. It should be noted that some Norway pine trees on the this property may have to be removed to install a soil vent/vapor extraction system near MW-2 locate on that property. This may increase the likelihood of not receiving an access agreement. Using MW-2 as a recovery well would probably eliminate the need to remove any trees. If you have any questions concerning any aspect of this progress report, please call me at (218) 628-0454 during business hours.

Sincerely,


Roger W. Biebl
Project Hydrogeologist

pc: John Anderson, DILHR
Dale Schultz

Environmental Engineering/Consulting/Contracting • Tank Removal/Installation • Soil/Water Treatment

Earth Burners recycles and we hope you do, too!

LAKE SUPERIOR LABORATORIES



728 GARFIELD AVENUE • DULUTH, MINNESOTA 55802
 MN (218) 722-1911 • FAX (218) 722-3295

A DIVISION OF TWIN PORTS TESTING, INC.

SERIAL NUMBER
 No 12654

LABORATORY REQUEST AND CHAIN OF CUSTODY RECORD

Project Name/No. Moose Junction 1 9308 P.O. # _____

Client EARTH Burners Report To EARTH Burners

Address _____

BM To EARTH Burners

Phone 628-0454

Sampler Signature Wayne Orrey

Sampler (Print) Wayne Orrey

Remarks
Total PB filtered
Rec'd on ice

Sample No./Location	Date	Time	Matrix			Number of Containers	Preservative	Analyses										LSL No.				
			Air	Liquid	Solid			URO/PVOC	Total PB													
MW-2	5-19	9:40	X			4		3	1												2636 2636	
MW-4	5-19	10:35	X			4		3	1												2637 2637	
MW-3	5-19	11:05	X			4		3	1												2638 2638	
Relinquished By <u>Wayne Orrey</u>	Date/Time <u>5-19 4:07</u>	Received By <u>L. Hanson</u>	Date/Time <u>5/19/95</u>	Relinquished By	Date/Time	Received By						Relinquished By	Date/Time	Received By								
Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By						Relinquished By	Date/Time	Received By								

Turnaround Time: 24 Hour Rush _____ 2-5 Day _____ 2 Week _____

MAY 30 '95 02:51PM TWIN PORTS TESTING

LABORATORY ANALYSIS REPORT

Client
Earth Burners Inc.
500 Leisure Street
P.O. Box 16083
Duluth, MN 55816

Project: Moose Junction Lounge
Project ID: 9308

Collected By: Wayne Orrey
Delivered By: Wayne Orrey

Chem. Lab ID	2636-95LS	2637-95LS	2638-95LS		
Sample Type	Water	Water	Water		
Collected Received Reported	05/19/95 05/19/95 05/30/95	05/19/95 05/19/95 05/30/95	05/19/95 05/19/95 05/30/95		
Sample Description	MW-2	MW-4	MW-3		
Analysis	Date Analyzed	MDL			
Gasoline Range Organics	05/23/95	0.100 mg/l	101 mg/l	0.123 mg/l	ND
Methyl tert-Butyl Ether	05/23/95	0.005 mg/l	ND	ND	ND
Benzene	05/23/95	0.005 mg/l	32.100 mg/l	0.072 mg/l	ND
Toluene	05/23/95	0.005 mg/l	29.000 mg/l	ND	ND
Ethylbenzene	05/23/95	0.005 mg/l	1.860 mg/l	ND	ND
Xylenes, Total	05/23/95	0.015 mg/l	10.900 mg/l	ND	ND
1,3,5-Trimethyl Benzene	05/23/95	0.005 mg/l	0.585 mg/l	ND	ND
1,2,4-Trimethyl Benzene	05/23/95	0.005 mg/l	1.960 mg/l	ND	ND
Lead	05/27/95	0.001 mg/l	0.132 mg/l	0.080 mg/l	0.072 mg/l

Remarks

2636-95LS GRO/PVOC elevated detection limit = .1mg/l.

MDL ⇒ Method Detection Limit

ND ⇒ Not Detected at or above MDL