US EPA RECORDS CENTER REGION 5
550706

DEPARTMENT OF NATURAL RESOURCES
Interoffice Communication

Region II Headquarters
P.O. Box 128
Roscommon, Michigan 48653
April 25, 1988

TO: Jean Tolanda, Hydrogeologic Unit, Rose Lake

FROM: John M. Alford, Environmental Quality Analyst, Environmental Response Division, Roscommon District

SUBJECT: Iron Skillet, Lincoln Hardware

Attached are copies of lab data from monitor wells at the two referenced sites. As you will note, only Monitor Well #4 indicates contamination (13 ppb 1,1,1-trichloroethane). This may be from a small industrial plant just north of the well.

I do not know why all the other wells did not show any contamination. When time allows, I will resample.

JMA:amp

attch: Lab Data (88-03-096)

cc: Thornton/file
c.file

Alfred

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Environmental Response-Roscoe

D. Hartig 4-14-88

Results by Sample

[illegible] MW 5 [illegible] Beer & Water
Date [illegible] 07/01/88 11:50:00 Image

ANALYST KAJIYA
[illegible] 03/04/88
[illegible] 1

[illegible] ug/L ppb

CAS#	COMPOUND	RESULT	REMARK	DETECTION LIMIT
75-01-4	Vinyl chloride	ND		5.0
74-87-3	*Chloromethane	ND		5.0
75-00-3	*Chloroethane	ND		5.0
75-01-4	*Trichlorofluoromethane	ND		5.0
75-35-4	1,1-Dichloroethene	ND		1.0
75-09-2	*Methylene chloride	ND		5.0
156-60-5	trans-1,2-Dichloroethene	ND		1.0
75-34-3	*1,1-Dichloroethane	ND		1.0
156-59-2	cis-1,2-Dichloroethene	ND		1.0
67-66-3	*Chloroform	ND		1.0
71-55-6	*1,1,1-Trichloroethane	ND		1.0
56-23-5	*Carbon tetrachloride	ND		1.0
107-06-2	*1,2-Dichloroethane	ND		1.0
79-01-6	Trichloroethene	ND		1.0
78-87-5	*1,2-Dichloropropane	ND		1.0
75-27-4	*Bromodichloromethane	ND		1.0
10061-01-5	cis-1,3-Dichloropropene	ND		1.0
10061-02-6	trans-1,3-Dichloropropene	ND		1.0
79-00-5	*1,1,2-Trichloroethane	ND		1.0
127-18-4	Tetrachloroethene	ND		1.0
124-48-1	*Dibromochloromethane	ND		1.0
108-90-7	Chlorobenzene	ND		5.0
75-25-2	*Bromoform	ND		1.0
79-34-5	*1,1,2,2-Tetrachloroethane	ND		1.0

COMMENTS _____

ND = not detected at the specified detection limit.
* Compound identity not confirmed by second independent technique.

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Page 2 INR Laboratory REPORT Work Order # [illegible]
Received: 03/22/88 Results by Sample

SAMPLE ID MW 5 TRACKING 01A TEST CODE SC 2 [illegible] Scan 2 Water
Date & Time Collected: 03/21/88 11:50:00 Category

ANALYST KAJIYA
ANALYZED 04/04/88
DILUTION 1

UNITS ug/L ppb

CAS#	COMPOUND	RESULT	REMARK	DETECTION LIMIT
71-43-2	Benzene	ND		1.0
108-88-3	Toluene	ND		1.0
100-41-4	Ethyl benzene	ND		1.0
108-38-3	Xylene isomers	ND		1.0

COMMENTS

ND = not detected at the specified detection limit.

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Page 1 [illegible]

Received: 03/03/88 Results by Sample

SAMPLE ID MW 4 [illegible] Shar 1 Water

Sample Date/Time: 03/01/88 12:45:00 Lab#: [illegible]

ANALYST KAJIYA

ANALYZED 04/04/88

DILUTION 1

UNIT ug/L ppb

CAS#	COMPOUND	RESULT	REMARK	DETECTION LIMIT
75-01-4	Vinyl Chloride	ND		5.0
74-83-9	*Bromomethane	ND		5.0
75-00-3	*Chloroethane	ND		5.0
75-69-4	*Trichlorofluoromethane	ND		5.0
75-35-4	1,1-Dichloroethene	ND		1.0
75-09-2	*Methylene chloride	ND		5.0
156-60-5	trans-1,2-Dichloroethene	ND		1.0
75-34-3	1,1-Dichloroethane	ND		1.0
156-59-2	cis-1,2-Dichloroethene	ND		1.0
67-66-3	*Chloroform	ND		1.0
71-55-6	*1,1,1-Trichloroethane	13		1.0
56-23-5	*Carbon tetrachloride	ND		1.0
107-06-2	*1,2-Dichloroethane	ND		1.0
79-01-6	Trichloroethene	ND		1.0
78-87-5	*1,2-Dichloropropane	ND		1.0
75-27-4	*Bromodichloromethane	ND		1.0
10061-01-5	cis-1,3-Dichloropropene	ND		1.0
10061-02-6	trans-1,3-Dichloropropene	ND		1.0
79-00-5	*1,1,2-Trichloroethane	ND		1.0
127-18-4	Tetrachloroethene	ND		1.0
124-48-1	*Dibromochloromethane	ND		1.0
108-90-7	Chlorobenzene	ND		5.0
75-25-2	*Bromoform	ND		1.0
79-34-5	*1,1,2,2-Tetrachloroethane	ND		1.0

COMMENTS

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Page 2 [illegible]

Received [illegible] Results by Sample

[illegible] MW 4 [illegible] 02A [illegible] SC 2 [illegible] Sign 2 Water

[illegible] 03/21/88 12:45:00 [illegible]

ANALYST KAJIYA

ANALYZED 04/04/88

[illegible] 1

[illegible] ug/L ppb

CAS#	COMPOUND	RESULT	REMARK	DETECTION LIMIT
[illegible]	Benzene	ND		1.0
[illegible]	Toluene	ND		1.0
[illegible]	Ethylbenzene	ND		1.0
[illegible]	Xylene Isomers	ND		1.0

COMMENTS _____

ND = not detected at the specified detection limit.

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Page 6

Received: 07/22/88

Results by Sample

SAMPLE ID: MW 3 [illegible] 88 1 [illegible] Grab Water

Date & Time Collected: 07/21/88 17:15:00 Comment

ANALYST: KAJIWA

ANALYZED: 04/04/88

DILUTION: 1

UNITS: ug/L 100

CAS#	COMPOUND	RESULT	REMARK	DETECTION LIMIT
75-01-4	Vinyl chloride	ND		5.0
74-87-3	*Chloromethane	ND		5.0
75-00-3	*Chloroethane	ND		5.0
75-35-4	*1,1-Dichloroethylene	ND		5.0
75-34-3	1,1-Dichloroethane	ND		1.0
75-09-2	*Methylene chloride	ND		5.0
156-60-5	trans-1,2-Dichloroethene	ND		1.0
75-34-3	*1,1-Dichloroethane	ND		1.0
156-59-2	cis-1,2-Dichloroethene	ND		1.0
67-66-3	*Chloroform	ND		1.0
71-55-6	*1,1,1-Trichloroethane	ND		1.0
56-23-5	*Carbon tetrachloride	ND		1.0
107-06-2	*1,2-Dichloroethane	ND		1.0
79-01-6	Trichloroethene	ND		1.0
78-87-5	*1,2-Dichloropropane	ND		1.0
75-27-4	*Bromodichloromethane	ND		1.0
10061-01-5	cis-1,3-Dichloropropene	ND		1.0
10061-02-6	trans-1,3-Dichloropropene	ND		1.0
79-00-5	*1,1,2-Trichloroethane	ND		1.0
127-18-4	Tetrachloroethene	ND		1.0
124-48-1	*Dibromochloromethane	ND		1.0
108-90-7	Chlorobenzene	ND		5.0
75-25-2	*Bromoform	ND		1.0
79-34-5	*1,1,2,2-Tetrachloroethane	ND		1.0

COMMENTS

ND = not detected at the specified detection limit.

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Received: 03/22/88

Results by Sample

[illegible] MW 7 [illegible] 03A [illegible] SD 2 [illegible] Scan 2 Water

[illegible] 03/21/88 17:15:00 [illegible]

ANALYST KAJIYA
ANALYZED 04/04/88
SOLUTION 1

[illegible] ug/L ppb

CAS#	COMPOUND	RESULT	REMARK	DETECTION LIMIT
71-43-2	Benzene	ND		1.0
108-88-3	Toluene	ND		1.0
100-41-4	Ethylbenzene	ND		1.0
108-38-3	Xylene Isomers	ND		1.0

COMMENTS

ND = not detected at the specified detection limit

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