



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Scott Hassett, Secretary  
Scott Humrickhouse, Regional Director

Wausau Service Center  
5301 Rib Mountain Drive  
Wausau, Wisconsin 54401  
Telephone 715-359-6514  
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May 4, 2006

**BRRTS #02-37-000054**

MR CHARLES GHIDORZI  
CHARLES GHIDORZI CONSTRUCTION  
2100 STEWART AVENUE  
WAUSAU, WI 54401

FILE COPY  
FILE COPY

Subject: Completion of Groundwater Investigation, Former Wausau Dry Cleaners Site,  
1806-1808 West Stewart Avenue, Wausau, Wisconsin

Dear Mr. Ghidorzi:

I have reviewed the additional groundwater flow maps and groundwater quality data collected by REI and Foth & Van Dyke (1986) with the Closure Committee. Based on the information and discussions with the Closure Committee, we believe additional groundwater investigation is warranted.

Chlorinated compounds like tetrachloroethene (PCE) do not degrade like petroleum compounds. They can linger in the groundwater for a long time. In the mid-1980's a number of private water supplies to the south of Stewart Avenue were impacted with chlorinated compounds. At the time Foth & Van Dyke's study concluded that groundwater is moving to the south possibly southeast. REI's groundwater flow maps indicate groundwater is moving south-southwest. It is very possible that groundwater flow has changed.

As part of the groundwater investigation you must determine the extent of the contaminant plume. Based on the differing groundwater flows and the concentrations of PCE in the monitoring wells on the eastern side of your plume, we would like you to further define the extent to the south.

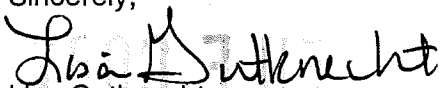
We are requesting that four geoprobes be placed at two residential properties where PCE was detected in their water supplies. These geoprobes should be located in the vicinity of 506 S. 18<sup>th</sup> Avenue and 1717 Garfield Avenue. The geoprobes do not have to be placed on private property but rather located in the right-of-way or road in front of these properties. Two geoprobes should be placed at each location. The shallower geoprobes should be at the depth of the former private wells and the deeper geoprobes should be at 65 feet below ground surface. I have included well construction logs for both addresses. After you have submitted the results of the geoprobe groundwater samples we will evaluate the need for additional monitoring wells. You need to continue sampling the monitoring wells on a quarterly basis.

A change order should be submitted for this additional work. The change order must be approved before any work is performed on this task. You should review your groundwater monitoring budget to determine if additional monies will be needed to continue with quarterly groundwater monitoring.

I would like to remind you that since you are in the VPLE program time spent on the groundwater portion of this review is being charged toward your advanced deposit. After the deposit has been used you will be charged on a quarterly basis for the hours spent on review. The hourly rate is \$85.00.

We appreciate the efforts you have taken at this site to restore the environment. If you have any questions regarding the geoprobe work or the VPLE program, please contact me at (715) 359-6514.

Sincerely,



Lisa Gutknecht

Remediation & Redevelopment Program

Enclosures

c: Bill Evans, Eau Claire (via e-mail)  
Loren Brumberg, Eau Claire (via e-mail)  
Jeff Soellner, CF/8 – Madison (via e-mail)  
Dave Larsen, REI

**WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH**  
See Instructions on Reverse Side

1. County Marathon Town  Stettin  
Village   
City  Check one and give name
2. Location 506 - 18<sup>th</sup> Ave. So. Wausau, Wis. [NW NE Sec 34 T29 R7E]  
Name of street and number of premise or Section, Town and Range numbers
3. Owner  or Agent  Fred Kopplin  
Name of individual, partnership or firm
4. Mail Address 508 - 18<sup>th</sup> Ave. So. Wausau, Wis. 848-2735  
Complete address required
5. From well to nearest: Building 5 ft; sewer 5 ft; drain 15 ft; septic tank — ft;  
 dry well or filter bed — ft; abandoned well — ft.
6. Well is intended to supply water for: Home

**7. DRILLHOLE:**

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
6	0	58			

**8. CASING AND LINER PIPE OR CURBING:**

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Std. Steel	0	56 1/2
5 1/2	Stainless Screen	56 1/2	58

**9. GROUT:**

Kind	From (ft.)	To (ft.)
None		

**11. MISCELLANEOUS DATA:**

Yield test: 2 Hrs. at 7 GPM.  
 Depth from surface to water-level: 20 ft.  
 Water-level when pumping: 50 ft.  
 Water sample was sent to the state laboratory at:  
Wausau, Wis. on 11-28 1960  
City

**10. FORMATIONS:**

Kind	From (ft.)	To (ft.)
Fine Sand	0	49
Sand + Gravel	49	58

**RECEIVED**

DEC 12 1960

**SANITARY ENGINEERING**

Construction of the well was completed on:

Sept. 16 1960

The well is terminated 8 inches  
 above, below  the permanent ground surface.

Was the well disinfected upon completion?

Yes  No

Was the well sealed watertight upon completion?

Yes  No

Signature Hubert J. Lang  
 Registered Well Driller

Marathon, Wis.  
 Complete Mail Address

Please do not write in space below

Rec'd Yes No No  
 Ans'd \_\_\_\_\_  
 Interpretation \_\_\_\_\_

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	0	0	0	0	0
48 hrs.	0	0	0	0	0
Confirm					
B. Coli	0	0	0	0	0

Examiner \_\_\_\_\_

# WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Marathon Town  Stettin  
Village   
City  Check one and give name

2. Location 1717 Garfield Ave., Wausau, Wis. **RECEIVED**  
Name of street and number of premise or Section, Town and Range numbers

3. Owner  or Agent  Walter North **JUL 1 1955**  
Name of individual, partnership or firm

4. Mail Address 1717 Garfield Ave., Wausau, Wis. **ENVIRONMENTAL SANITATION**  
Complete address required

5. From well to nearest: Building 8 ft; sewer      ft; drain      ft; septic tank      ft;  
 dry well or filter bed      ft; abandoned well      ft. No Sewer Construction

6. Well is intended to supply water for: Private Home

### 7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
6	0	50			

### 8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Standard Weight		
	Steel Pipe	0	47
6	Well Screen	44	50

### 9. GROUT:

Kind	From (ft.)	To (ft.)
None		

### 11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 4 1/2 GPM.  
 Depth from surface to water-level: 14 ft.  
 Water-level when pumping: 0 ft.  
 Water sample was sent to the state laboratory at:  
Wausau, Wis. on June 26, 1955  
City

### 10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Sand & Gravel	0	13
Sand & Clay	13	46
Sand & Gravel	46	50

Construction of the well was completed on:  
10/18 1955

The well is terminated 8 inches  
 above, below  the permanent ground surface.

Was the well disinfected upon completion?  
 Yes X No     

Was the well sealed watertight upon completion?  
 Yes X No     

Signature Hugo H. Lang  
 Registered Well Driller

905 So. 20th Ave., Wausau, Wis.  
 Complete Mail Address

Rec'd 6-27-55 No. 4857  
 Ans'd \_\_\_\_\_  
 Interpretation \_\_\_\_\_

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	0	0	0	0	0
48 hrs.	0	0	0	0	+
Confirm					
B. Coli	0	0	0	0	+

Examiner \_\_\_\_\_