



*Protecting, maintaining, and improving the health of all Minnesotans*

## Environmental Health Division

Northeastern District Office  
320 West Second Street, Room 703  
Duluth, MN 55802

**WELL MANAGEMENT SECTION**  
[www.health.state.mn.us/divs/eh/wells](http://www.health.state.mn.us/divs/eh/wells)

FACSIMILE COVER SHEET  
Fax Number: (218) 723-4920

**To:**

**Company:**

**Fax:** 2188460719

**From:** Sandra Beck

**Phone:** (218) 723-4653

**Subject:** Junction Food & Fuel Well Sealing Record

**REMARKS:** Attn: Paul Stock

Here's the sealing record for the old Junction Food & Fuel well. Likely geology for well sealing record was merely extracted from newly constructed well record.  
Sandy

**Date:** 01/02/07

**Time:** 11:35 AM CST

**Pages Sent:** 3

**If transmission is incomplete or illegible, please call sender (shown at "FROM" above).**

General Information: (651) 201-5000 - TDD/TTY: (651) 201-5797 - Minnesota Relay Service: (800) 627-3529 - [www.health.state.mn.us](http://www.health.state.mn.us)

For directions to any of the MDH locations, call (651) 201-5000 - An equal opportunity employer.



WELL OR BORING LOCATION  
 County Name  
97 Louis

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING SEALING RECORD**  
 Minnesota Statutes, Chapter 103J

Sealing No. **H 54321 E**  
 Minnesota Unique No. or W-series No. (Leave blank if not known)

Township Name Hermantown Township No. 50 Range No. 15 Section No. 4 Fraction (sm. lg.) NE 1/4

Date Sealed 5 25 98

Approximate Date Well or Boring Constructed 19 20's

Numerical Street Address or Fire Number and City or Boring Location  
5493 Miller Trunk Hwy

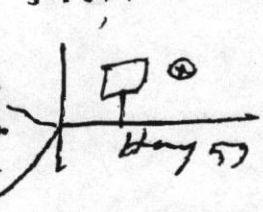
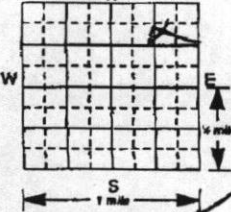
Depth Before Sealing 60 ft. Original Depth 60 ft.

Static Water Level  Accurate  Approximate

Show exact location of well or boring in sketch (indicate well or boring location, showing property lines, roads, and buildings.)

Sketch map of well or boring location, showing property lines, roads, and buildings.

\_\_\_\_\_ ft. \_\_\_\_\_ below \_\_\_\_\_ above land surface



Single Aquifer  Multi-aquifer

CASING TYPE

Steel  Plastic  Tile  Other \_\_\_\_\_

Screen from \_\_\_\_\_ to \_\_\_\_\_ ft. Open Hole from \_\_\_\_\_ to \_\_\_\_\_ ft.

OBSTRUCTION/DEBRIS/FILL

Obstruction  Debris  Fill

Type of debris/obstruction \_\_\_\_\_

Obstruction/Debris/Fill removed?  Yes  No

PUMP

Removed  Not Present  Other \_\_\_\_\_

PROPERTY OWNER'S NAME  
Food N Fuel

Mailing Address if differs than property address indicated above.

4999 Miller Trunk Hwy  
Hermantown MN 55811

GEOLOGICAL MATERIAL COLOR HARDNESS OF FORMATION FROM TO

If not known, indicate estimated formation log from nearby well or boring.

clay Red nd 0 55

sandy clay RP nd 55 60

CASING

Diameter Depth Set in oversized hole? Annular space initially grouted?

4 in. from 0 to 60 ft.  Yes  No  Yes  No  Unknown

\_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.  Yes  No  Yes  No  Unknown

\_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.  Yes  No  Yes  No  Unknown

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:

No Annular Space Exists

Annular space grouted with tremie pipe

Casing Perforation/Removal

\_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.  Perforated  Removed

\_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.  Perforated  Removed

Type of perforator \_\_\_\_\_

Other \_\_\_\_\_

GROUTING MATERIAL

Grouting material port grout from 0 to 60 ft. \_\_\_\_\_ yards 6 bags

\_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_ yards \_\_\_\_\_ bags

\_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_ yards \_\_\_\_\_ bags

\_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_ yards \_\_\_\_\_ bags

UNSEALED WELLS AND BORINGS

Other unsealed well or boring on property?  Yes  No

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION

This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Gavin Blue Orth 65672

Contractor Business Name License or Registration No.

Dale Blue 53098

Authorized Representative Signature Date

Dan Gray  
 Name of Person Sealing Well or Boring

REMARKS, SOURCE OF DATA, DISCREPANCIES IN SEALING

ADDITIONAL DATA ADDED TO THIS DOCUMENT

MAY 23 2000

RECEIVED

WELL MGT.

MINN. DEPT OF HEALTH COPY H 54321