

**Twin Ports Testing, Inc.**

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Facsimile Memorandum

From: Laura Novitzki
To: Sarah Larsen
Fax: 651-296-9707
Re: Junction F-N-F (#3534)
Pages: 2 including cover letter

Twin Ports Testing, Inc.
Cc:
Phone:
Date: 8/21/08
TPT #: 96E-0604

Urgent For Review Please Reply Please Comment Original to Be Mailed

Sarah,

Attached is the well and boring record for the drinking water well at Junction F-N-F. Apparently the Casa Latte, the business currently onsite, is running low on water and the question has been posed whether or not they could perform hydro-fracking on the well. Being that the well is located near contaminated groundwater, I'd like to find out whether or not that would be a possible option. Thanks for your help.

Laura Novitzki, Project Manager
Twin Ports Testing, Inc.

Unique No. 00559694

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD

Update Date 2005/01/06

County Name St. Louis

Minnesota Statutes Chapter 1031

Entry Date 1998/12/18

Township Name Township Range Dir Section Subsection
50 15 W 4

Well Depth 500 ft. Depth Completed 500 ft. Date Well Completed 1997/11/09

Well Name FOOD N FUEL, 2

Drilling Method Air Rotary

Contact's Name FOOD N FUEL
5493 MILLER TRUNK HY
HERMANTOWN MN 55811

Drilling Fluid Well Hydrofractured? Yes No
From ft. to ft.

Use Public Supply/non-comm.-transient

Casing Drive Shoe? Yes No Hole Diameter in. to 500 ft.

GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO
GRAVEL	GRAY	MEDIUM	0	20
CLAY	RED	MEDIUM	20	55
GRAVELY CLAY	RED	MEDIUM	55	60
GRANITE	GRAY	MEDIUM	60	500

Casing Diameter Weight(lbs/ft)
10 in. to 60 ft
6 in. to 102 ft 18.97

Screen N Open Hole From ft. to ft.
Make Type

Static Water Level 80 ft. from Land surface Date 1997/11/09

PUMPING LEVEL (below land surface)
470 ft. after 0 hrs. pumping 10 g.p.m.

Well Head Completion
Pitless adapter mfr Model
Casing Protection 12 in. above grade
 At-grade (Environmental Wells and Borings ONLY)

Grouting Information Well grouted? Yes No
Material From To (ft.) Amount(yds/bags)
G 0 102 80 S

Nearest Known Source of Contamination
150 ft. direction N type SDF
Well disinfected upon completion? Yes No

Pump Not Installed Date Installed N
Mfr name Model HP Volts
Drop Pipe Length ft. Capacity g.p.m.
Type

Any not in use and not sealed well(s) on property? Yes No

Was a variance granted from the MDH for this Well? Yes No

Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. 68672

License Business Name
Name of Driller GRAVES, J

REMARKS, ELEVATION, SOURCE OF DATA, etc.

WELL #2

USGS Quad: Adolph
Aquifer:

Elevation 1414
Alt Id: 5690407S02

Report Copy