

Mr. Dave Navecky

Surface Transportation Board

Sir I am writing you about our concern of the railroad coming through Spring Township close to our home. I talked to you at the meeting held in Belvidere Illinois about the aquifer, high water table and springs. I talked to George Roadcap with the Illinois state water survey and he looked at where our house is located. Mr. Roadcap feels that if there were a train derailment and a spill our well as well as the subdivision would be very susceptible to contamination (see attached email). When I talked to you I explained how when it rains heavy a few days later our sump pumps can fill very fast and run for long periods. Looking at the geological survey of our property with a 30' layer of sand if there were a spill and a hazardous liquid were to get into this sand layer during a wet period it will travel and contaminate the whole area. Being the GLBR will be a private enterprise all they are going to have to do is file bankruptcy and who is going to clean up the waste site and our wells. I do not think cleanup is even going to be possible once it hits the sand layer 2' below the surface.

In conclusion I DO BELIEVE THERE HAS TO BE A SAFER ROUTE THAT DOES NOT INCLUDE A HUGE TURN IN A LOW LYING AREA OF SPRING TOWNSHIP THAT ALREADY HAS WATER ISSUES.

THANK YOU FOR YOUR TIME

VERY CONCERNED PROPERTY OWNERS

CHARLES FRANSON


LORI ZESCHKE

8753 QUAIL DRIVE

BELVIDERE ILLINOIS 61008

Gmail works better with Chrome Yes, get Chrome now No, not interested

Gmail

COMPOSE

Vulnerability of your well to contamination

Inbox

Inbox (6)

Starred

Important

Sent Mail

More labels

chip

No recent chats
Start a new one

Roadcap, George S <roadcap@illinois.edu>

May 6

to me

Dear Mr. Franson

I have attached a copy of the log from your 65-foot well which I downloaded from the online Illinois State Geological Survey database. When assessing whether a well is vulnerable to contamination from a surface spill or a leaking underground storage tank, we look at the well depth and the permeability of geologic materials. Where your well was drilled, there is 30-foot sand layer at the surface on top of a 10-foot clay layer. This 40 feet of unconsolidated material sits on top of the limestone that your well draws groundwater from. The sand and the limestone would be considered very permeable and would allow contamination to easily pass through. The clay layer would have a low permeability and offer the well some protection, however, without extensive test drilling it is impossible to guarantee areal extent and hydraulic competency of the clay layer. Therefore, I would consider your well as being very susceptible to contamination.

If you have any further questions, please contact me.

George

George Roadcap PhD
Hydrogeologist
Illinois State Water Survey
University of Illinois
[217-333-7951](tel:217-333-7951)

Private Water Well	Top	Bottom
top soil	0	2
sand	2	30
clay	30	40
limestone	40	65
Total Depth		65
Casing: 5" BLACK STEEL 15#/FT from 0' to 40'		
Grout: BENTONITE/SLRY from 0 to 40.		
Size hole below casing: 5"		
Water from limestone at 40' to 65'.		
Static level 10' below casing top which is 1' above GL		
Pumping level 20' when pumping at 0 gpm for 4 hours		
Permanent pump installed at 40'		
on October 23, 1992, with a capacity of 10 gpm		
Owner Address: 3783 Spring Center Rd. Belvidere, IL		
Address of well: Quail Trap Rd.		
Add'l loc. info: Lot: 24 Subdivision: River Reach		
Location source: Location from permit		

Permit Date: September 16, 1992

Permit #: 022404

COMPANY Nice, Mark E.

FARM McCoy, Ken

DATE DRILLED October 19, 1992

NO.

ELEVATION 0

COUNTY NO. 22509

LOCATION NE SW NE

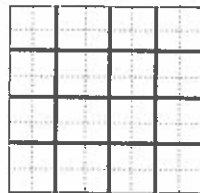
LATITUDE 42.236188

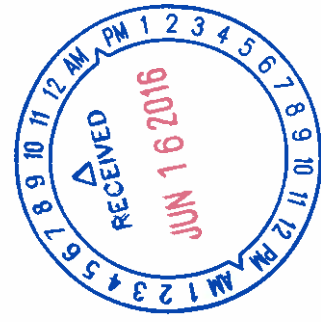
LONGITUDE -88.770071

COUNTY Boone

API 120072250900

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