



John A. Raber & Associates, Inc.

4314-A Crystal Lake Rd • McHenry, IL 60050 • voice 815.344.4020 • fax 815.344.2208 • johnraber.com

Mold Inspections
Radon Testing - Soil Suitability
Well and Septic Evaluations

September 21, 2016

Natalie Torres
Harding Real Estate
P.O. Box 340
Woodstock, IL 60098

RE: 20712 Lembcke Rd., Harvard, IL

Dear Ms. Torres:

The sanitary evaluation of the subject property has been completed.

A water sample was taken on September 20, 2016, and was found to be bacteriologically safe.

Nitrate/Nitrite as (N) was found to be below 1 milligram per liter meeting the requirements for a safe water sample.

This is a drilled well with the well head located above ground.

This well was timed to deliver five (5) gallons of water or greater within one (1) minute.

Per your request, distances from the private water well area are as follows:

To: Septic tank: 73' Septic field: 80' House: 10+' Lot line: 10+'.

These distances meet the minimum requirements of the local health authority.

The septic tank and field were inspected on September 20, 2016, and no sanitary defects were observed in the operation of the system. The condition of the gravel in the trenches was dry and no saturation of the field was noted. The effluent level in the tank was at its proper operating level and the outlet line baffle was intact and functional.

As of this date, this Sanitarian has received no information from the city of Harvard, that city sewer and water will be put into the above location. No city sewer and water facilities are available to this property at this time.

This letter states what this Sanitarian found at the time the evaluation of the well and septic system on the subject property was done. This property was vacant at the time of this inspection. It should be understood that it is not possible to simulate normal operating conditions when a septic system has not been in use prior to the inspection. The conclusion of this report is based on the fact that there was no visible evidence of previous septic drainage problems. This letter is not a guarantee that the well or the septic system will continue to function nor is there any way that this Sanitarian can estimate the longevity of any well or septic system.

Sincerely,

JOHN A. RABER & ASSOCIATES, INC.

Preston R. Rea, R.S.
Sanitarian

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McHenry Analytical Water Laboratory, Inc.

4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

LABORATORY RESULTS

John A. Raber & Associates
Attn: Cathy Tryon
4314-A Crystal Lake Road
McHenry, IL 60050

Date Received: 9/20/16 15:59
Report Date: 9/21/2016
Customer #:
Permit Number: Raber Drinking Water
Facility:

Sample No: **1612064-03**

Client ID: **John A. Raber & Associates**

Collect Date: **09/20/16 13:15**

Site: **20712 Lembcke Rd., Harvard**

Parameter	Result	Units	Analysis Date & Time	Qualifier	Analyst
Nitrate-Nitrite Aquacheck Hach					
Nitrate/Nitrite as N	<1.0	mg/L	09/20/16 16:45	satisfactory	BA
Total Coliform (Q-Tray by MPN) SM21st Ed. 9223 B.					
Coliform, Total	<1.0	100ml	09/20/16 16:45	satisfactory	BA
Coliform, E. Coli	<1.0	"	" 16:45	satisfactory	BA

QUALIFIERS

** Results contained in this report relate only to the items tested or to the samples received by the Laboratory
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McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mark Mueller, Project Manager