

Evaluation Report: Water Supply – Sewage System

Evaluation Date: 07/18/2022	Parcel #: 53-012-105-011-00
Site Address: 6265 N. Larson Rd. Fountain, MI 49410	
Township: Sheridan	Section: 5
Subdivision and Lot #: Blue Lake Lot #11	
Present Owner: [REDACTED]	
Applicant Name: [REDACTED]	

ON-SITE Water Supply

Well Log Available	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depth: Unknown	Age: Unknown
Protected Aquifer (10 feet/more of clay or shale)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Permit # N/A	
Satisfactory Bacteriological Analysis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Satisfactory Nitrate Concentration	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Satisfactory - Other:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Corrections Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments:

Well is located bellow ground in a pit west of the home next to the wooden staircase leading to the home. It is a shallow jet pump type well. There are no records on file for the well so the depth and age are unknown. The well is not the required isolation distance to the septic system. This well does not meet the current water well code and it is recommended that it be replaced at the next major repair.

Meets Regulations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If No, degree of hazard*	Priority	I <input type="radio"/> II <input checked="" type="radio"/> III <input type="radio"/> IV <input type="radio"/>
			Sub code (if applicable)	A <input type="radio"/> B <input type="radio"/> C <input type="radio"/>

ON-SITE Sewage Treatment System

Size of Septic Tank	Type of Septic System	Record of Permit on File
Age of Septic System	Size of Septic System	Permit #
Date Septic Tank Last Pumped:	Corrections Required	<input type="checkbox"/> Yes <input type="checkbox"/> No

Comments:

Meets Regulations	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, degree of hazard*	Priority	I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/>
			Sub code (if applicable)	A <input type="radio"/> B <input type="radio"/> C <input type="radio"/>

Environmental Health Representative
Signature and Date

[Signature] 7/22/22

NOTICE: A number of factors affect the longevity of an on-site sewage system. Routine, periodic pumping of the septic tank and the use of water conservation practices are encouraged. Garbage disposal units are not recommended.

While every effort has been made by District Health Department #10 to provide a careful disclosure of available facts and observations, this report does not signify "approval" or "non-approval" and does not constitute a guarantee concerning future sanitary or operational adequacy.

* See reverse side for explanation on degree of hazard.

Water Supply – Degree of Hazard Defined**Priority I – Substantial Hazard**

- A. Unsatisfactory bacteriological and/or chemical content of water samples from the supply.
- B. Sewage, surface water or other pollutants can enter the water supply.

Recommendations:

- 1. Discontinue the use of the water for all human consumption.
- 2. Provide water from an approved water supply until corrections are completed.
- 3. Consult with the health department concerning water treatment possibilities.

Priority II – Potential Hazard

- A. Well terminates in an unapproved pit where water has been known to accumulate.
- B. Buried well seal or unprotected suction line is jeopardized by a high water table.
- C. Unprotected suction line within specified minimum isolation distances.

Recommendations:

- 1. Contact a licensed well driller and/or the health department as to upgrading the well construction. A permit may be needed.
- 2. Sample the water at least yearly.

Priority III – Minimal Hazard

- A. A buried well seal or an approved suction line not jeopardized by a high water table.
- B. Well terminates in an unapproved pit where water does not accumulate.

Recommendation:

- 1. Contact a licensed well driller and/or the health department as to upgrading the well construction. A permit may be needed.

Priority IV – Deviation

When a water supply does not fully comply and the deficiencies do not constitute a potential hazard, a deviation may be authorized if constructed prior to current standards. This will be documented and be made a part of the permanent records for the facility(ies.)

NOTICE: Follow-up water sampling is the responsibility of the property owner. Health Department staff may review the results of water samples to assure compliance.

Sewage System – Degree of Hazard Defined**Priority I – Substantial Hazard**

- A. Sewage is surfacing onto the ground. This is a violation of the Sanitary Code and must be corrected as soon as possible. A new septic system is needed. A permit must be obtained from the health department.
- B. Sewage is accumulating in the septic system. This condition indicates that the septic system is under stress and will likely need to be replaced. A permit from the health department is needed.
- C. Sewage is flowing back into the building. Obtain a contractor to remove any blockage in the sewer lines.

Priority II – Potential Hazard

Septic system is considerably undersized for its expected amount of wastewater. Institute strict water conservation practices. It is recommended that the septic system be expanded. If so, a permit is needed from the health department.

Priority III – Minimal Hazard

Septic system is somewhat undersized. Institute strict water conservation practices and pump out the septic tank on a yearly basis.

Priority IV – Deviation

The septic system does not fully comply with the Sanitary Code but does not appear to present a foreseeable public health hazard. No changes are required to the system except for regular maintenance

- A. Septic system was permitted, installed and approved under a previous sanitary code. Due to code changes, the septic system does not meet current sizing requirements.

Site Plan

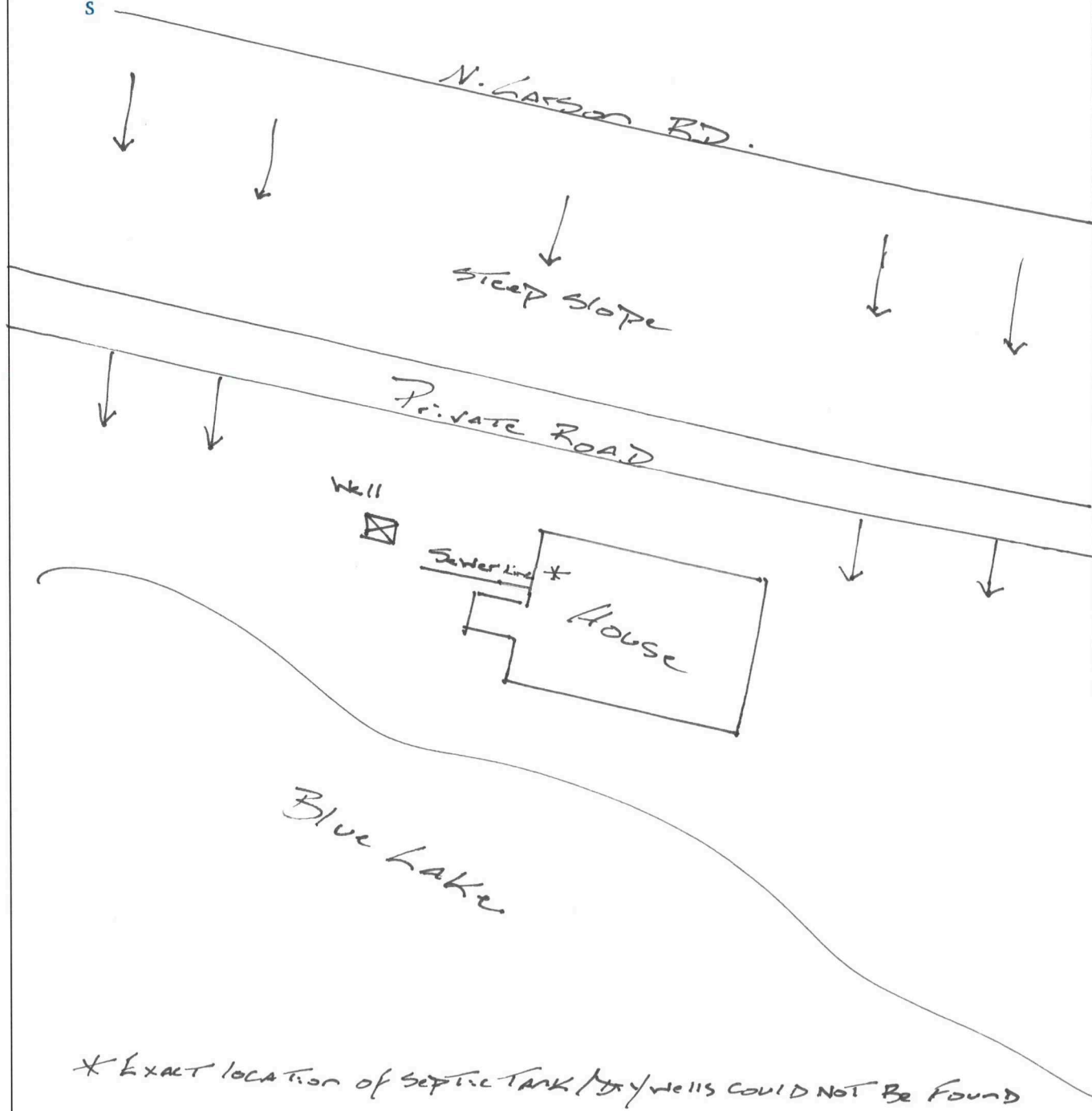
Septic Permit #:

Well Permit #:

N/A

Site Address: 6265 N. Larson Rd. Fountain, MI 49410

Property Tax ID #: 53-012-105-011-00

Site Plan Area Drawing*(drawing not to scale)*



WATER ANALYSIS REPORT

MDEQ# 9990

Date Reported: 7/19/2022

Site Information

Claire Baird
6265 N. Larson
Fountain, MI, 49410

Parcel #: 53-012-105-011-00

Township: Sheridan

County: Mason

Source: Residential

WSSN #/Source ID/Well #:

Test Purpose: Real Estate Transaction

Report Information

Lisa Hofmann

DHD #10

Collection Information

Sample Point: Kitchen Tap

Date/Time Collected: 7/18/2022 2:13 PM

Sample Collected By: Lisa Hofmann

Sample Matrix: Drinking Water

Date/Time Received: 7/18/2022 4:00 PM

Results

Sample ID #	Analysis	Result	Date/Time Analyzed	Standard Method
26066	Total Coliform	ABSENT	7/18/2022 5:00 PM	9223 B*
26066	E.Coli	ABSENT	7/18/2022 5:00 PM	9223 B*
26067	Nitrate	< 1 mg/L	7/18/2022 5:00 PM	10206*

Maximum Contaminant Levels (MCL): Coliform Nitrate
Absent 10 mg/L

Comments

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