

Septic System

SEPTIC SYSTEM INFORMATION

Type of Septic System:	•Conventional
Location of Septic System:	•South Side of Structure (underground)
Septic Tank Visible Riser Present?	•No
Vents through Roof of Structure?	•Yes
Property Occupied?	•Not Occupied
Number of Bedrooms in Structure:	•Two
Clearance from Property Well:	•At Least 50 Feet

SYSTEM OPERATION

Evaluation Method:	•Flurosine Tracer Dye Test
Dye / Water Introduction Location:	•Toilet
Water / Dye Run for 30 Minutes?	•Yes
Effluent Visible?	•No
Drainage Functional?	•Yes

OVERALL EVALUATION: SYSTEM PASSED (Note: Septic tank should be pumped prior to occupancy)

PURPOSE AND DEFINITION OF SEPTIC SYSTEM INSPECTION

This inspection is a visual, non-destructive inspection of the septic system. It includes a visual inspection of the waste drains and vents as well as ground surfaces in and around the drain field. An inspection of the underground components is not performed during this inspection. The approval of the septic system is not meant to, nor does it imply a guarantee of future performance. This inspection is limited to revealing visual overflows, odors, and backups. The longer a system remains unused, the more difficult an accurate evaluation becomes.

Well Water Analysis

WELL WATER INFORMATION

Type of Well:	•Conventional
Size of Well:	•Four Inch
Location of Well:	•North Side of Structure (front yard)
Well Head Visible?	•Yes
Property Occupied?	•Not Occupied
Clearance from Septic System:	•At Least 50 Feet

SAMPLE COLLECTION

Sample Collection Location:	•Bathroom Sink
Water run for 30 Minutes?	•Yes
Discoloration Visible?	•No
Collection Date/Time	•7/30/08 (8:00pm)
Received at Lab Date/Time	•7/31/08 (11:16am)

Partial Chemistry Analysis

<u>Analyte Name</u>	<u>Results (mg/L)</u>	<u>Detection Limit</u>	<u>Max Limit</u>
Fluoride	0.06	0.05	4.00
Chloride	6.7	0.5	
Nitrite	<0.05	0.05	1.00
Nitrate	<0.05	0.05	10.00
Sulfate	44.7	1.0	
Hardness*	340	30	
Iron	0.4	0.1	
Sodium	3.2	3.0	
Coliform / E. coli	Neg	-	

OVERALL EVALUATION: Satisfactory water quality with no bacteria present (*Note: elevated hardness levels were detected, recommend installing water softener)

PURPOSE AND DEFINITION OF WELL WATER ANALYSIS

The purpose of the well water test is to determine whether or not the potable water being introduced into the building (from the well) is safe for drinking, bathing, and other normal household uses. The water test results shown above are for informational purposes only and may not be used for compliance monitoring or purpose that requires drinking water certification. If the water test results are above the maximum limits set for Nitrate, Nitrite, or Fluoride, please contact the Kalamazoo County Environmental Health Department.

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