

Well Construction Report WISCONSIN UNIQUE WELL NUMBER				CP882		Drinking Water and Groundwater - DG/5 Department of Natural Resources, Box 7921 Madison WI 53707				Form 3300-077A															
Property Owner WALTER THOM						Phone # (414)349-3556		1. Well Location				Fire # (if avail.)													
Mailing Address HICKORY RD						Town of HUSTISFORD						Street Address or Road Name and Number HICKORY RD													
City HUSTISFORD				State WI		Zip Code 53034																			
County Dodge		Co. Permit #		Notification #		Completed 03-27-1990		Subdivision Name			Lot #		Block #												
Well Constructor (Business Name) STENERSON KARL I				Lic. # 368		Facility ID # (Public Wells)				Latitude / Longitude in Decimal Degree (DD) 43.35853 °N -88.59226 °W			Method Code GPS008												
Address 225 JACKSON STREET BEAVER DAM WI 53916				Well Plan Approval #		SW SW Section Township Range or Govt Lot # 3 10 N 16 E		2. Well Type New Well of previous unique well # constructed in Reason for replaced or reconstructed well ? SUPPLY DUPLEX																	
				Approval Date (mm-dd-yyyy)																					
Hicap Permanent Well #			Common Well #			Specific Capacity 0.3			Construction Type Drilled																
3. Well serves 1 # of DUPLEX Private, potable Heat Exchange ___ # of drillholes						Hicap Well ? No Hicap Property ? No Hicap Potable ?																			
4. Potential Contamination Sources - ON REVERSE SIDE																									
5. Drillhole Dimensions and Construction Method												8. Geology													
Dia. (in.) From (ft.) To (ft.)			Upper Enlarged Drillhole Lower Open Bedrock						Geology Codes		Type, Caving/Noncaving, Color, Hardness, etc...		From (ft.) To (ft.)												
8 Surface 100			Yes Rotary - Mud Circulation Rotary - Air Rotary - Air & Foam Drill-Through Casing Hammer Reverse Rotary Cable-tool Bit ___ in. dia... Dual Rotary Temp. Outer Casing ___ in. dia Removed? ___ depth ft. (If NO explain on back side)						S C		SOFT CLAY		Surface 90												
6 100 145									H C		HARD CLAY		90 100												
									L		LIMESTONE		100 145												
6. Casing, Liner, Screen												9. Static Water Level				11. Well Is									
Dia. (in.)		Material, Weight, Specification Manufacturer & Method of Assembly				From (ft.)		To (ft.)		40 ft. below ground surface				24 in. above grade											
6		NEW 18.97 LB. STEEL A-53 GR. B PE SUMOTOMO METALSW/SHOE				Surface		100		10. Pump Test Pumping level 87 ft. below surface Pumping at 15 GP for 2 Hrs. Pumping Method ?				Developed ? Yes Disinfected ? Yes Capped ? Yes											
Dia. (in.)		Screen type, material & slot size				From (ft.)		To (ft.)		12. Notified Owner of need to fill & seal ? Filled & Sealed Well(s) as needed? Yes															
7. Grout or Other Sealing Material Method												13. Constructor / Supervisory Driller													
Kind of Sealing Material				From (ft.)		To (ft.)		# Sacks Cement		Lic #										Date Signed					
DRILLING MUD/CUTTING				Surface		100				KS										04-04-1990					
												Drill Rig Operator				Lic or Reg #				Date Signed					

4a. Potential Contamination SourcesIs the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
Building Overhang		12	Collector Sewer - San or Storm		53
Clearwater Sump		45	Sewer - Building Sanitary		22

Comment:

Created On: 05-10-1990

Updated On: 08-25-2022

Review Status:

Laboratory Report
#OCD043026-03



May 1st, 2026

8605 W. Freistadt Road, Mequon, WI 53097 * 414-350-1100

Home Owner: Lucas Marks
Well Address: N4560 Hickory Road
City/State/Zip: Hustisford, WI 53034
County: Washington
Sample Location: Pressure Tank Tap
Date Collected: 04/30/26
Reason for Test: Real Estate

**Well Constructor / Operator
/ Inspector**
OC Dynamics, LLC.
9019 W. Poplar Drive
Mequon, WI 53097
License #9239

Test	Result	Units	LOD	LOQ	MCL	Dil	Run Date	Mthd	QC Code
Coliform	<1	mpn/100mL	1	1	<1	1	04/30/26	9223B	1
E. Coli	<1	mpn/100mL	1	1	<1	1	04/30/26	9223B	1

Coliform Bacteria are a broad group of microorganisms that are naturally occurring in the environment and are commonly used as an indicator that pathogenic (disease causing) organisms could be present due to contamination from soil, vegetation or fecal matter (human or animal wastes). E.coli is a species of fecal coliform bacteria whose presence indicates an immediate health risk and the possible presence of other disease-causing pathogens. **A result of <1 mpn/100 mL indicates that bacteria were not detected in this sample. A result that is highlighted in red means that bacteria were present in this sample.**

NOTE: The absence of bacteria does not necessarily mean that other pollutants are not present in the water. If you are concerned about other contaminants, further testing will be necessary.

List of Abbreviations:

LOD – Limit of Detection - The lowest quantity of a substance that can be distinguished from the absence of that substance (a *blank value*) within a stated confidence limit.

LOQ – Limit of Quantitation – The lowest concentration of analyte in a control sample that can be quantitatively detected with reasonable repeatability and accuracy.

MCL - Maximum Contaminant Level – Maximum Contaminant Levels are enforceable standards that are set by the United States Environmental Protection Agency (EPA) for drinking water quality. An MCL is the legal threshold limit on the amount of a substance that is allowed in public water systems under the Safe Drinking Water Act.

ND-None Detected – The result was less than the LOD.

Units - MPN – Most Probable Number - a statistical method for estimating the number of microorganisms in a liquid sample; **mg/L -milligrams per liter** or parts per million; **ug/L – micrograms per liter** or parts per billion.

N/A-There is no EPA-established Maximum Contaminant Level for this contaminant in drinking water.

QC Code 1 - All laboratory QC requirements were met for this sample.

Authorized Signature: _____

Analytical Chemist

WI DNR Lab Certification #246103990 & WI Laboratory Certification # 105-461 & USEPA Lab ID # WI01119

The above mentioned result was performed by Water Diagnostics, LLC with an approved E.P.A method for the detection of Coliform / E. Coli Bacteria in accordance with the State of Wisconsin Department of Natural Resources and the Wisconsin Department of Agriculture, Trade, and Consumer Protection.

Laboratory Report
#OCD043026-04-05



May 4th, 2026

8605 W. Freistadt Road, Mequon, WI 53097 * 414-350-1100

Home Owner: Lucas Marks
Well Address: N4560 Hickory Road
City/State/Zip: Hustisford, WI 53034
County: Washington
Sample Location: Pressure Tank Tap
Date Collected: 04/30/26
Reason for Test: Real Estate

**Well Constructor / Operator
/ Inspector**
OC Dynamics, LLC.
9019 W. Poplar Drive
Mequon, WI 53097
License #9239

Test	Result	Units	LOD	LOQ	MCL	Dil	Dig Date	Run Date	Mthd	QC Code
Arsenic	ND	ug/L	0.8	2.7	10			05/04/26	3113B	1

(as total As) Arsenic is a naturally occurring element in the Earth's crust and can be found in soil and bedrock throughout Wisconsin. Under certain conditions arsenic can dissolve naturally from soil and bedrock into groundwater and be drawn into wells. Arsenic can also come from human activities such as the use of arsenic based-pesticides in the past. Arsenic is toxic and carcinogenic (cancer-causing) when consumed over long periods. The EPA has set a maximum contaminant level (MCL) for arsenic in drinking water at 10 ug/L (parts per billion).

Test	Result	Units	LOD	LOQ	MCL	Dil	Dig Date	Run Date	Mthd	QC Code
Nitrate	ND	mg/L	0.11	0.38	10	1		04/30/26	10206	1

Nitrogen

Nitrate (as NO₃-N) Nitrate contamination in Wisconsin's groundwater is a significant environmental and public health concern, especially in rural areas where agricultural activities are prevalent. Common sources of nitrate include fertilizers, manure, and decaying plant debris. Elevated levels may serve as an indicator of other potential contaminants, such as pesticides or chemicals associated with septic system effluent. Infants under six months of age are the most vulnerable to the harmful effects of high nitrate levels and may develop a condition known as methemoglobinemia, or blue baby syndrome. For adults, long-term exposure to high nitrate levels may be associated with the risks of certain cancers. The maximum contaminant level (MCL) for nitrate set by the EPA is 10 mg/L (parts per million).

List of Abbreviations:

LOD – Limit of Detection - The lowest quantity of a substance that can be distinguished from the absence of that substance (a *blank value*) within a stated confidence limit.

LOQ – Limit of Quantitation – The lowest concentration of analyte in a control sample that can be quantitatively detected with reasonable repeatability and accuracy.

MCL - Maximum Contaminant Level – Maximum Contaminant Levels are enforceable standards that are set by the United States Environmental Protection Agency (EPA) for drinking water quality. An MCL is the legal threshold limit on the amount of a substance that is allowed in public water systems under the Safe Drinking Water Act.

ND-None Detected – The result was less than the LOD.

Units - MPN – Most Probable Number - a statistical method for estimating the number of microorganisms in a liquid sample; **mg/L -milligrams per liter** or parts per million; **ug/L – micrograms per liter** or parts per billion.

N/A-There is no EPA-established Maximum Contaminant Level for this contaminant in drinking water.

QC Code 1 - All laboratory QC requirements were met for this sample.

Authorized Signature: _____

Analytical Chemist

WI DNR Lab Certification #246103990 & WI Laboratory Certification # 105-461 & USEPA Lab ID # WI01119

The above mentioned result was performed by Water Diagnostics, LLC with an approved E.P.A method for the detection of Nitrate & Clean Water Testing (**WI DNR Lab Certification # 445126660**) for Arsenic in accordance with the State of Wisconsin Department of Natural Resources and the Wisconsin Department of Agriculture, Trade, and Consumer Protection.

Property Transfer Well and Pressure System Inspection

Form 3300-221 (R 08/21)

Notice: Pursuant to ch. 280, Wis. Stats., and ch. NR 812, Wis. Adm. Code, this form shall be used to document any well and pressure system inspection conducted as part of a property transfer. Inspections are voluntary, and well owners are not required to bring systems into compliance as a result of the inspection. Inspectors must provide the completed form to the requester of the inspection. Do not send forms to DNR.

Contact Information

Inspection Requested By Fair Deal Home Buyers		Telephone Number	
Mailing Address	City	State	ZIP Code
Well Owner's Name Lucas Marks		Telephone Number	
Mailing Address N4560 Hickory Road	City Hustisford	State WI	ZIP Code 53034

Property Location

Fire Number N4560	Street or Road Hickory Road	☐ City ☒ Town ☐ Village of Hustisford	County Dodge
$\frac{1}{4}$ $\frac{1}{4}$ SW SW	Section 3	Township 10 N	Range 16 W
Latitude (DD, ex. 44.444) 43.358373		Longitude (DD, ex. -89.999) -88.592347	WUWN CP882

Identified noncomplying features (noted below with a check mark)

- | | |
|--|--|
| 1. ☐ Unused Well | 13. ☐ Nonpressure Conduit |
| 2. ☐ Stovepipe or Thin-Walled Well Casing | 14. ☐ Hand Pump |
| 3. ☐ Dug Well | 15. ☐ Offset Pump or Piping Height Above Basement Floor |
| 4. ☐ Buried Suction Line | 16. ☐ Yard Hydrant |
| 5. ☐ Alcove (Subsurface Pumproom) or Pit | 17. ☐ Materials for Pump and Supply Piping |
| 6. ☐ Non-Walkout Basement or Below-Grade Crawl Space Well | 18. ☐ Flowing Well Installation |
| 7. ☐ Poor Well Casing Pipe Condition | 19. ☐ Check Valve Location |
| 8. ☐ Contamination Source less than minimum separation distance from well: | 20. ☐ Well Cap or Seal |
| 9. ☐ Well in Floodway or Flood Fringe | 21. ☐ Casing Height |
| 10. ☐ Well at Risk from Localized Flooding | 22. ☐ Electrical Wires at Wellhead Not Enclosed in Conduit |
| 11. ☐ Cross-Connection | 23. ☒ Sample Faucet is Missing or Noncomplying |
| 12. ☐ Driven Point Well < 25 well casing pipe or installed after 1-31-1991 with no well construction report | 24. ☐ Casing less than 6" in diameter for a well terminating in limestone, dolomite, shale, quartz or granite |
| | 25. ☐ Extreme Health/Safety Hazard |

Comments

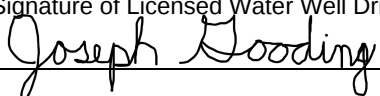
- | | |
|---|--|
| ☐ Evidence of Some Corrosion on Well Casing Pipe | ☐ Pre-1979 Two-Wire Submersible Pump |
| ☐ Inaccessible or Difficult Location for Future Well Work | ☐ Pre-1991 Driven Point Pipe Depth < 25 feet |
| ☐ Inaccessible or Difficult Location for Future Pump Work | ☐ Well Construction Report Not on File or Unlocatable |
| ☐ Unable to confirm whether well terminates in limestone, dolomite, shale, quartz or granite | ☐ Well Located in Special Well Casing Depth Area |
| ☒ Other: <u>Well is shared with N4552 Hickory Rd. Each property has its own pump and pressure system.</u> | |

Compliance Determination

Based on my personal inspection of the real property, the well and pressure system: (check one)

- ☐ **Complies** with NR 812, Wis. Adm. Code
- ☒ **Does not Comply** with NR 812, Wis. Adm. Code
- ☐ **Complies** with NR 812, Wis. Adm. Code, except that a more comprehensive search or additional research is needed to evaluate potential violations that may exist but are not fully identifiable as part of the basic visual inspection, such as:
- ☐ an unused well ☐ floodway/floodplain ☐ contamination source
- ☐ other: _____

This form lists the visible conditions of the well and pressure system on the property at the time of inspection and does not imply or give any guarantee. Some features such as well cap, casing height or nonpressure conduit may comply for purposes of this inspection, but may require an upgrade the next time work is done on the well or pressure system.

Printed Name of Licensed Water Well Driller or Pump Installer Joseph Gooding	Individual License # 7960	Telephone Number 262-302-5866
Signature of Licensed Water Well Driller or Pump Installer 		Date May 5, 2026



1. General Information

WELL INSPECTION REPORT

Customer Name: Fair Deal Home Buyers
Property Address: N4560 Hickory Rd. Hustisford, WI 53034
Well Location Description: South side of house, on property line.
Inspector Name / License #: Joe Gooding / 7960
Unique Well Number: CP882
Date of Inspection: April 30, 2026

2. Well Construction & Identification

Well Casing Material:
☒ Steel ☐ PVC ☐ Other: _____
Casing Diameter (in): 6"
Well Depth (ft): 145
Static Water Level (ft): 40
Pump Setting Depth (ft): N/A
Well Casing Height Above Grade (in): 24
Water Line Type:
☐ Copper ☐ Galvanized ☒ Poly ☐ Non-pressurized Conduit
Cap Type:
☒ Sanitary ☐ Overlapping ☐ Damaged ☐ Missing

3. Pump & Pressure System

Pump Type:
☒ Submersible ☐ Jet ☐ Other: _____
Horsepower (HP): 3/4
Voltage (V): 230
Pump Brand / Model: N/A
Pump Age: N/A
Pressure Tank Type:
☒ Diaphragm ☐ Galvanized ☐ Fiberglass Wound ☐ Air Over Water
Tank Brand / Model: Red Lion / RL33
Tank Age: 2004, 22 years
Air Charge (psi): 38
Tank Piping Type:
☐ Copper ☒ Galvanized ☐ PVC ☐ CPVC ☐ PEX
Tank Piping Condition:
☐ OK ☐ Leaking ☒ Corroded
Smooth End Sample Tap Minimum 12" Above Floor:
☐ OK ☒ Missing ☐ Below 12"
Cut-In Pressure (psi): 40
Cut-Out Pressure (psi): 60
Pressure Switch Condition:
☒ OK ☐ Corroded ☐ Contacts burnt
Pressure Gauge Condition:
☒ OK ☐ Damaged

4. Electrical / Controls

Conduit Sealed:

☒ Yes ☐ No

Disconnect Present:

☒ Yes ☐ No

Control Box:

☐ Present and Good Condition ☒ N/A (2-wire pump)

☐ Capacitor exhibits signs of leakage or failure

Wiring Condition:

☒ Properly secured and encased ☐ Exposed ☐ Unsafe

Megger Readings (500 V DC to Ground):

Red → Ground (MΩ): 6.89

Yellow → Ground (MΩ): N/A

Black → Ground (MΩ): 7.09

Typical Insulation Values (500 V Megger):

New (in well): ≥ 2 MΩ

Good (in well): 0.5–2 MΩ

Possible damage: < 0.5 MΩ

5. Water Quality / Sample

Sample Taken:

☒ Yes ☐ No

Sample Type:

☒ Bacteria ☒ Nitrates ☒ Arsenic ☐ Other: _____

Water Appearance:

☒ Clear ☐ Cloudy ☐ Iron Staining

Chlorination Advised:

☐ Yes ☒ No

6. Flow Test

Running Pressure (psi): 50

Measured Flow (GPM): 10

Flow Adequate for Household:

☒ Yes ☐ No

7. System Condition Summary

☐ Satisfactory – System appears functional

☐ Marginal – Maintenance / repair recommended

☒ Unsatisfactory – System requires repair or replacement

Notes / Deficiencies:

Missing smooth end sample tap 12" above floor.

Galvanized pressure tank piping is heavily corroded, near leaking.

Well is shared with N4552 Hickory Rd. Each property has its own pump and pressure system.

Inspector Certification

I certify that this inspection was performed to the best of my knowledge and that the information above is accurate.

Inspector Signature: Joseph Gooding Date: May 5, 2026