IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
LT. GOVERNOR CHRIS COURNOYER
DIRECTOR KAYLA LYON

TIME OF TRANSFER INSPECTION TOT# 14418 KYLE NEKVINDA CERT # 8866

Site Information

Parcel Description: **11271-76008-00000**

Address: **8440 Federalist Road, Marion, IA 52302** County: **Linn**

Owner Information

Property is owned by a business: **No**

Business Name:

Owner Name: **Ben & Lauren Kromminga**

Email Address:

Address: **8440 Federalist Road, Marion, IA 52302**

Phone No:

Site related information

No Of Bedrooms: **4**

Inspection Date: **03/27/2025**

Facility Type: **Residential**

Currently Occupied: **Yes**

Last Occupied:

System Installation Date: **08/25/2008**

Permit issued by County: **Yes**

Permit Number: **11722**

All plumbing fixtures enter septic system: **Yes**

County contacted for records: **Yes**

Property Information Comments:

Primary Treatment

Tank 1

Tank Name: **Tank 1**

Type: **Septic Tank**

Tank Size (Gal): **1,500**

Tank Material: **Concrete**

Tank Corrosion Type: **None**

Liquid Level Type: **Normal**

No. of Compartments: **2**

Pump Tank Chamber: **Yes**

Licensed Pumper Name: **Miene Septic Service**

Date Pumped: **3/27/2025**

Meets Setback to Well: **Yes**

Well Type: **Private**

Distance To Well (Ft.): **50'+**

Is Accessible: **Yes**

Lid Intact: **Yes**

Risers Intact: **Yes** Effluent Filter Present: **Yes** Watertight: **Yes**

Tank/Vault Pumped: **Yes** Inlet Baffle Present: **Yes** Outlet Baffle Present: **Yes** Functioning as Designed: **Yes**

Tank Comments:

General Primary Treatment Comments:

Distribution Type

Distribution System : **No**

General Distribution System Comments :

Secondary Treatment

Pkg Treatment Media Filter1

Media Type: **Textile** Manufacturer: **Orenco** Model Number: **AX-20**

Serial Number: **406316** Maintenance Contract: **Yes**

Maintenance Provider: **Miene Septic Service**

System Hydraulic Loaded: **No** Gallons Loaded: Discharge At Time of Inspection: **Yes**

CBOD5 Results (mg/L): **0** TSS Results (mg/L): **0** DisInfection Present: **No**

Disinfection Type: Tertiary Treatment Present: **No** Tertiary Treatment Type:

Meets Setback to Well: **Yes** Well Type: **Private** Distance To Well (Ft.): **50' +**

GP4 Permitted: **Yes** GP4 Required: **Yes** Vent(s) Present: **Yes**

Media Present: **Yes** Outlet Found: **Yes** Sample Taken: **Yes**

System Located on Owner Property: **Yes** Easement Present: **N/A** Functioning as Designed: **Yes**

Comments: **We are waiting for the sample results from the State Hygenic Lab.**

General Secondary Treatment Comments:

Narrative Report

TOT Inspection Report Overall Narrative Comments: **Narrative Uploaded**

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Owner Name:	**Ben & Lauren Kromminga**		
Address:	**8440 Federalist Road , Marion , IA 52302**		
County:	**Linn**		
Inspection Date:	**03/27/2025**	Submitted Date:	**3/28/2025**

This page certifies a Time of Transfer inspection was conducted and submitted for the property listed above in accordance with Subrule 567 IAC 69.2(8).

Permit # 11722

APPROVED

Completion Report
Private Onsite Waste Treatment System

Owner Ted Priebe

Site Address 8440 Federalist Rd; Marion IA 52302

Mailing Address

Bedrooms 4(1 additional in future) Contractor Miene Septic

Legal Description of Installation Site

Section 27 Township 84 Range 7 Lot #

Addition North Colonial Park Township Name

Water Supply

Municipal Community Well(public) Shared Well Private Well X

Method of Effluent Disposal

Subsurface Absorption Surface Discharge (type) AdvanTex AX2012 406316

Septic Tank

Distance From Well greater than 50 feet Tank Capacity 1500 gallon Croell tank

Depth of tank below finish grade

Absorption Field

Type: Gravel Trench* Other

Total length of laterals Number of absorption lines

Depth of field below finish grade Distance From Well

**Gravel systems only: Gravel type* *Trench width*

Depth of gravel below tile *Total area of trench bottom*

System installed in accordance with permit specifications? Yes X No

Comments:

- Requires NPDES permit from Iowa DNR.
- Discharge point: Latitude ~ 42.06105; Longitude ~ -91.63971
- Old tank was caved in.

8.25.08 JWP

Date of Final Inspection Environmental Health Specialist

This APPROVAL in no way makes the County responsible for the continued operation of this sanitation system.

N

A to B = 30'4"
C to B = 26'3"
B = cleanout
B to tank = 6"
LINE = 2 inch pipe
= 197'

Miene
SEPTIC SERVICE
Office (319) 393-4142
Fax (319) 832-1695
MieneSeptic@mchsi.com

March 28, 2025

Re: Septic Inspection at 8440 Federalist Road
Marion, IA 52302
Seller: Ben & Lauren Kromminga

On March 27, 2025, we inspected the septic system at the above four-bedroom residence. The two-compartment, 1,500-gallon, concrete tank is in good condition with baffles intact. When the tank was pumped there was four inches of crust on the top and six inches of sludge on the bottom. The pump and alarm are functioning properly. Risers exist on the tank to the surface for maintenance purposes. This system contains an effluent filter. The system was installed in 2008 by Miene Septic Service.

We cleaned and inspected the Advantex Pod and found that it is in good condition. We cleaned the pump vault, pump, filter, floats, RSV, and verified these components were all functioning properly. We collected a sample and are awaiting the results from the State Hygienic Lab. There is a yearly maintenance contract on file with Miene Septic, which will need to be renewed September 1, 2025. It should be noted that water softener brine should not be discharged into this type of system as it will damage the filters in the pod. The system is over 50 feet from the well as required by Iowa Code, Chapter 69.

Health Departments recommend septic tanks be pumped every three or four years, depending on the number of people living in the house and the amount of water usage. Wet wipes, tampons, disposable diapers, paint, cigarette butts, cat litter, facial tissues and paper towels should not be flushed into the system, even if the box says it is "septic safe." In addition, it is preferable to use liquid laundry detergent rather than a powder. Fabric softener sheets should be used in the dryer rather than a liquid in the washing machine. Please keep all vehicles off the system. This inspection is an assessment of the current functioning of the system, not a guarantee of its future performance. If you have any questions, please call.

Sincerely,

Chris Boddicker

Inspected by Kyle Nekvinda
Certified Inspector #8866