

TIME OF TRANSFER INSPECTION TOT# 22534 JAMES SULLIVAN CERT # 13653

Site Information

Parcel Description: **Guthrie County, 02-78-30**

Address: **2927 Zero Lane, Redfield, IA 50233**

County: **Guthrie**

Owner Information

Property is owned by a business: ☒

Business Name:

Owner Name:

Email Address:

Address: **2927 Zero Lane, Redfield, IA 50023**

Phone No:

Additional Contact Information

Name

Email Address

Affiliate Type

Site related information

No Of Bedrooms: **3**

Facility Type: **Residential**

Last Occupied:

Permit issued by County: **Yes**

All plumbing fixtures enter septic system: **No**

Inspection Date: **07/23/2026**

Currently Occupied: **Yes**

System Installation Date: **11/07/1978**

Permit Number: **643**

County contacted for records: **Yes**

Property Information Comments:

Upon inspection of the plumbing inside the house, it was determined that NOT all of necessary plumbing is entering the septic system.

Primary Treatment

Septic Tank

Tank Name: **Septic Tank**

Tank Material: **Concrete**

No. of Compartments: **2**

Type: **Septic Tank**

Tank Corrosion Type: **Excessive**

Pump Tank Chamber: **No**

Tank Size (Gal): **1000**

Liquid Level Type: **Normal**

Licensed Pumper Name: **DJ Services**

Date Pumped: 7/23/2026	Meets Setback to Well: Yes	Well Type: Private
Distance To Well (Ft.): 100	Is Accessible: Yes	Lid Intact: No
Risers Intact: No	Effluent Filter Present: No	Watertight: No
Tank/Vault Pumped: Yes	Inlet Baffle Present: Yes	Outlet Baffle Present: Yes
Functioning as Designed: No		
Tank Comments:		

General Primary Treatment Comments:

Upon inspection of the septic tank, it was discovered that the tank is no longer water tight. The concrete has corroded to the point that the tank is no longer water tight. It was also discovered that the concrete end cap on the outlet side of the tank, has broken corners, and can no longer properly seal the tank.

Distribution Type

Distribution Box 1

Label: Distribution Box 1	Material Type: Plastic	Accessible: Yes
Box Opened: Yes	Baffle Present: Yes	Speed Levelers Present: Yes
Watertight: No	Functioning As Designed: No	

General Distribution System Comments : **Upon inspection of the D-box, it was discovered that the bottom of the D-box is broken. The D-box is not longer watertight.**

Secondary Treatment

Lateral Field1

Distribution Type: Distribution Box	Material Type: Gravelless Pipe	Trench Width: 24
Lines: 4	Total Length of Absorption Line: 365	System Hydraulic Loaded: Yes
Gallons Loaded: 300	Meets Setback to Well: Yes	Well Type: Private
Distance To Well (Ft.): 100	Lateral Lines Probed: Yes	Saturation or Ponding Present: No
Grass Cover Present: Yes	Lateral Lines Equal Length: Yes	System Located on Owner Property: Yes
Easement Present: N/A	Functioning as Designed: Yes	
Comments:		

General Secondary Treatment Comments: **Upon inspection of the lateral field, it was discovered that a patch of unmanaged t rees and shrubs have began growing on about the last 30 feet of each lateral. The laterals showed no signs of being plugge d up due to roots yet. If left unmanaged, the roots potentially could plug up the laterals.**

Narrative Report

TOT Inspection Report Overall Narrative Comments: **Upon inspection of the plumbing inside of the house, it was discovered that NOT all of the necessary inside plumbing is entering the septic. The septic line leaves the house and runs South across the driveway, where it then enters the septic tank. The septic tank is a 1,000 gallon concrete septic tank, installed in 1978. The concrete tank has excessive corrosion around the inlet and outlet of the tank, rendering it not water tight. The influent, effluent, and center wall baffle are all still present, but corrosion has severely weakened them. It was also discovered that the concrete lid on the outlet side, has broken corners and can no longer properly seal the tank. After the**

septic tank, it runs South East to the plastic distribution box. The D-box contains all speed-levelers, and an inlet baffle. Upon inspection it was discovered that the bottom of the D-box is broken and no longer watertight. After the D-box, it enters 4 laterals, which are about 90 feet each. All laterals passed the hydraulic load test, without any backflow, or showing any signs of being plugged up or oversaturated. Upon inspection of the lateral field, it was discovered that there is a patch of unmanaged trees and shrubs growing on the last 30 feet of the entire lateral field, which could potentially cause issues in the future. The lateral field is functioning as designed at the time of inspection

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Owner Name: [REDACTED]

Address: 2927 Zero Lane , Redfield , IA 50233

County: Guthrie

Inspection Date: 07/23/2026 Submitted Date: 7/29/2026

