

Septic Check

6074 Keystone Rd
Milaca, MN 56353

320-983-2447
Fax: 320-983-2151

Mail To: Kelly Mayo
9163 Woodland Drive
Minnetrista, MN
55375

PROPERTY INFORMATION

Location: 44655 - 237th Lane
Aitkin
Tax ID: 11-1-113300

Use: Residential, Single Family (3 bdrm)
System Design Flow: 200
GENERAL SYSTEM TYPE: ECO POD Res. 2x Yr. w/Test

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ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION REPORT

Inspected: 04/29/2024 - Inspection Type: ROUTINE - Correction Status: No corrections made

Company:
Septic Check

Work Performed By:
Kyle Wade

Submitted 04/30/2024 by:
Heather Johnson

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COMMENTS & GENERAL INSPECTION NOTES

Deficiencies Noted: deficiencies must be corrected to ensure proper longevity of the Onsite Sewage System.

The uv light was disconnected within the panel when I arrived. I connected the fuse to test it and the uv works fine. After speaking with Kelly, we decided to leave the uv off for the time being and see if the sample that I took today passes . If it does not pass we will need to come back and get it running and resample.
Everything else is in good working order.

GENERAL SITE & SYSTEM CONDITIONS

The General Site and System Conditions were:	Fully Inspected
Components accessible for service:	YES
All required service performed (if no - specify omitted inspection items in notes):	YES
Surfacing effluent from any component (including mound seepage):	NO
Components appear to be watertight - no visual leaks:	YES
Improper encroachment (structures/impervious surfaces); cover; or settling problems observed:	NO

ONSITE SEWAGE SYSTEM INSPECTION DETAIL

TANK: Septic Tank - 1 Compartment - 600 Gallon Trash Tank

Manufacturer: Local Manufacturer

This component was:	Fully Inspected	
Effluent level within operational limits (if NO explain in comments):	YES	
All required baffles in place (N/A = No baffles required):	YES	
Compartment 1 Scum accumulation (Inches, if other specify):	1	
Compartment 1 Sludge accumulation (Inches, if other specify):	1	
Pumping recommended:	NO	

Aerobic Treatment Unit: ATU - Delta Ecopod, Manufacturer= Delta Environmental Products, Inc. - ECOPOD-E50 - 1,000 Gal Eco Pod E50

Manufacturer: Delta Environmental Products, Inc. Model: ECOPOD-E50

This component was:	Fully Inspected	
Effluent level within operational limits (if NO explain in comments):	YES	
Dissolved Oxygen within normal operating range (1.5 to 3.0 mg/L) (if less than 1.5 check blower and re-check):	N/A	
Field sample performance results within operational limits (Enter N/A if not performed):	N/A	
Trash Compartment solids accumulation within operational limits per manufacturer:	YES	
Clarifying Chamber solids accumulation within manufacturer operational limits:	YES	
Digester settleable solids test resulted in greater than 25% settleable solids: (If Yes, pumping needed):	NO	
Intake vent at blower housing and exhaust vent at digester clear of obstructions and operating	YES	
Applicable filters cleaned	YES	
Pumping needed:	NO	

Disinfection: Ultra Violet, Manufacturer= Salcor Engineering - 3G

Manufacturer: Salcor Engineering Model: 3G

This component was:	Fully Inspected	
Alarm mechanism functioning as intended:	YES	
Disinfection unit light on:	NO	Deficient

TANK: Pump Tank - 1,650 Gallon Pump Tank

Manufacturer: Local Manufacturer

This component was:	Fully Inspected	
Compartment 1 Scum accumulation (Inches, if other specify):	0	
Compartment 1 Sludge accumulation (Inches, if other specify):	0	
Pumping recommended:	NO	

Panel: Control - 1 Pump - Drainfield Dose Panel

This component was:	Fully Inspected	
Panel functioning (including alarm):	YES	
Pump 1: on minutes (override in parentheses - if present):	2.5 min	
Pump 1: off hours (override in parentheses - if present):	4	
Pump 1: gallons per dose (override in parentheses - if present):	-	
Pump 1: ETM hours (override in parentheses - if present):	68.39	
Pump 1: Cycle Count (override in parentheses - if present):	2433	

Pump: Effluent Pump - Drainfield Dose Pump

This component was:	Fully Inspected	
Controls functioning:	YES	
Tested gallons per minute flow:	41.9	

Media Filter: Mound - 10' x 38' Mound Rockbed

Manufacturer: Site Constructed

This component was:	Fully Inspected	
Slope integrity maintained:	YES	
Lateral lines flushed:	NO	
Ponding present? If YES explain in comments:	NO	
Average squirt height (if performed) (feet, if other specify):	-	

SAMPLING REPORT

Location: 44655 - 237th Lane
Aitkin
11-1-113300

Owner: Kelly Mayo
Use: Single Family

Service Company:

Septic Check
6074 Keystone Rd
Milaca, MN 56353
320-983-2447

Laboratory: A W Labs

Sample Date: 04/29/2024 Sample entered by: Heather Johnson Report submitted: 05/10/2024

Notes:

ONSITE SEWAGE SYSTEM SAMPLING DETAIL

COMPONENT	TYPE	SAMPLE	LIMIT	RESULT
Control - 1 Pump - Drainfield Dose Panel	Effluent	Flow	200 GPD	24.1
Pump Tank - 1,650 Gallon Pump Tank	Effluent	Fecal	1,000 mg/L	7030 -Limit Exceeded