

AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

307 Second Street NW Room# 219

Aitkin, Minnesota 56431

PH: (218) 927-7342

FX: (218) 927-4372



12/27/2022

Daniel Behrens
5045 Xerxes Ave S
Minneapolis, MN 55410

Re: Operating Permit # 500
Zoning Permit #42122
Parcel # 07-0-021600

Dear Permittee:

This letter is to inform you that your Operating Permit has been renewed until 9/30/2023 .

Please adhere to your monitoring and maintenance contract including monitoring your water use. Failure to do so would violate the agreement to operate your system and could void the operating permit. You should contact your Operation and Maintenance provider directly with questions that you may have during the year.

Thank you for your good stewardship and we hope that your system continues to operate well, protecting groundwater for you and the environment.

Sincerely,

Aitkin County Planning & Zoning

12-19-22

TO : AITKIN CO ENV. SVCS

FROM : DAN BEHRENS

RE : 32553 42TH PL
OPERATING PERMIT #500

OUR 2022 WATER USAGE WAS
ZERO, WE DID NOT USE THE PLACE.

PERHAPS NEXT YEAR...

A handwritten signature in black ink, appearing to read "Dan Behrens", with a long horizontal flourish extending to the right.

Septic Check

6074 Keystone Rd
Milaca, MN 56353

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

Mail To: Daniel Behrens
5045 Xerxes Ave S
Minneapolis, MN
55410

PROPERTY INFORMATION

Location: 32553 420th Place
Aitkin
Tax ID: 07-0-021600

Use: Residential, Single Family (2 bdrm)
System Design Flow: 300
GENERAL SYSTEM TYPE: ECOPOD Res 2 w/Test

Fold
Here

ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION REPORT

Inspected: 06/02/2023 - Inspection Type: ROUTINE - Correction Status: No corrections needed

Company:
Septic Check

Work Performed By:
Kyle Wade

Submitted 06/08/2023 by:
Heather Johnson

Fold
Here

COMMENTS & GENERAL INSPECTION NOTES

No Deficiencies Noted

Service visit performed today.
Blower and UV light not running when I arrived.
Turned on blower and UV to test and make sure they work, which they do.
Turned blower and UV off before I left as it appears to get very little use.
Everything is working as it should.

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, Manufacturer= Infiltrator Systems, Inc. - TW-500 - 500 Gal Septic Tank

Manufacturer: Infiltrator Systems, Inc. Model: TW-500

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):	0	
Compartment 1 Sludge accumulation (Inches, if other specify):	0	
Pumping recommended:	NO	

TANK: Septic Tank - 1 Compartment, Manufacturer= Infiltrator Systems, Inc. - TW - Infiltrator 1,050 Gal Tank

Manufacturer: Infiltrator Systems, Inc. Model: TW

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):	0	
Compartment 1 Sludge accumulation (Inches, if other specify):	0	
Pumping recommended:	NO	

Aerobic Treatment Unit: ATU - Delta Ecopod, Manufacturer= Delta Environmental Products, Inc. - ECOPOD-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:	N/A	
Disinfection unit light on:	YES	

TANK: Pump Tank - Infiltrator TW-500 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):	3	
Pump 1: off hours (override in parentheses - if present):	6	
Pump 1: gallons per dose (override in parentheses - if present):	-	
Pump 1: ETM hours (override in parentheses - if present):	.41	
Pump 1: Cycle Count (override in parentheses - if present):	999841	

Pump: Effluent Pump -Drainfield Dose Pump

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

Drainfield (disposal): Pressure -10'x30' Pressure Bed w/ EZ Flow Distribution Media

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

SAMPLING REPORT

Location: 32553 420th Place

Aitkin

07-0-021600

Owner: Daniel Behrens

Use: Single Family

Service Company:

Septic Check

6074 Keystone Rd

Milaca, MN 56353

320-983-2447

Sample Date: 06/02/2023 Sample entered by: Heather Johnson Report submitted: 06/08/2023

Notes: The etm has been .41 since 5/31/2022

ONSITE SEWAGE SYSTEM SAMPLING DETAIL

COMPONENT	TYPE	SAMPLE	LIMIT	RESULT
Control - 1 Pump - Drainfield Dose Panel	Effluent	Flow	300 GPD	0.0

This report indicates certain characteristics of the sample taken at the time of visit. In no way is this report a guarantee of operation or future performance.

Septic Check

6074 Keystone Rd
Milaca, MN 56353

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Fax: 320-983-2151

Mail To: Daniel Behrens
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PROPERTY INFORMATION

Location: 32553 420th Place
Aitkin
Tax ID: 07-0-021600

Use: Residential, Single Family (2 bdrm)
System Design Flow: 300
GENERAL SYSTEM TYPE: ECOPOD Res 2 w/Test

Fold
Here

ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION REPORT

Inspected: 11/09/2023 - Inspection Type: ROUTINE - Correction Status: No corrections needed

Company:
Septic Check

Work Performed By:
Kyle Wade

Submitted 11/10/2023 by:
Heather Johnson

Fold
Here

COMMENTS & GENERAL INSPECTION NOTES

No Deficiencies Noted

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, Manufacturer= Infiltrator Systems, Inc. - TW-500 - 500 Gal Septic Tank

Manufacturer: Infiltrator Systems, Inc. Model: TW-500

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):	0
Compartment 1 Sludge accumulation (Inches, if other specify):	1
Pumping recommended:	NO

TANK: Septic Tank - 1 Compartment, Manufacturer= Infiltrator Systems, Inc. - TW - Infiltrator 1,050 Gal Tank

Manufacturer: Infiltrator Systems, Inc. Model: TW

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):	0
Compartment 1 Sludge accumulation (Inches, if other specify):	0
Pumping recommended:	NO

Aerobic Treatment Unit: ATU - Delta Ecopod, Manufacturer= Delta Environmental Products, Inc. - ECOPOD-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:	YES	

TANK: Pump Tank - Infiltrator TW-500 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):	3 min	
Pump 1: off hours (override in parentheses - if present):	6	
Pump 1: gallons per dose (override in parentheses - if present):	-	
Pump 1: ETM hours (override in parentheses - if present):	.41	
Pump 1: Cycle Count (override in parentheses - if present):	999844	

Pump: Effluent Pump -Drainfield Dose Pump

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

Drainfield (disposal): Pressure -10'x30' Pressure Bed w/ EZ Flow Distribution Media

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

SAMPLING REPORT

Location: 32553 420th Place
Aitkin
07-0-021600

Owner: Daniel Behrens
Use: Single Family

Service Company:

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

Laboratory: A W Labs

Sample Date: 11/09/2023 Sample entered by: Heather Johnson Report submitted: 11/30/2023

Notes: Used the cycle counter number for flow.

ONSITE SEWAGE SYSTEM SAMPLING DETAIL

COMPONENT	TYPE	SAMPLE	LIMIT	RESULT
Control - 1 Pump - Drainfield Dose Panel	Effluent	Flow	300 GPD	1.4
Pump Tank - Infiltrator TW-500 Pump Tank	Effluent	Fecal	000 cfu/100r	<100

This report indicates certain characteristics of the sample taken at the time of visit. In no way is this report a guarantee of operation or future performance.