MINNESOTA POLLUTION CONTROL AGENCY

520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 02-1-074200 Reason for Inspection Transfer of property

Local regulatory authority info: Aitkin county planning and zoning Phone#218-927-7342

Property address: 66805 185th.pl.,Jacobson,MN.

Owner/representative: Greg Strickler Owner's phone: 651-269-6756

Brief system description: 1350 gallon septic tank that gravity drains into a 10' x 55' drainfeild.

System status

System status on date (mm/dd/yyyy): 6/13/2022

☐ **Compliant – Certificate of compliance***

*(**Valid for 3 years from report date** unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)*

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

☒ **Noncompliant – Notice of noncompliance**

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- ☐ Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- ☐ Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- ☐ Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- ☐ Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- ☐ System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- ☒ Soil separation (Compliance component #5) – *Failing to protect groundwater*
- ☐ Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

***By typing my name below**, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.*

Business name: Farley sewer systems Certification number: C-4744

Inspector signature: Jerry Farley License number: L-1919

(This document has been electronically signed)

Phone: 218-839-4737

Necessary or locally required supporting documentation (must be attached)

☒ Soil observation logs ☒ System/As-Built ☐ Locally required forms ☐ Tank Integrity Assessment ☐ Operating Permit

☐ Other information (list):

Property Address: 66805 185th.pl.,Jacobson,MN.

Business Name: Farley sewer systems Date: 6/13/2022

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:	
System discharges sewage to the ground surface	☐ Yes* ☒ No
System discharges sewage to drain tile or surface waters.	☐ Yes* ☒ No
System causes sewage backup into dwelling or establishment.	☐ Yes* ☒ No

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

Attached supporting documentation:

☐ Other:

☐ Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:	
System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	☐ Yes* ☒ No
Sewage tank(s) leak below their designed operating depth?	☐ Yes* ☒ No
If yes, which sewage tank(s) leaks:	

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Kangas Ent

License number of maintenance business: L-2526

Date of maintenance: 6/13/2022

☐ Existing tank integrity assessment (Attach)

Date of maintenance (mm/dd/yyyy): (must be within three years)

(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))

☐ Tank is Noncompliant (pumping not necessary – explain below)

☐ Other:

Property Address: 66805 185th.pl.,Jacobson,MN.

Business Name: Farley sewer systems Date: 6/13/2022

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

☐ Yes* ☒ No ☐ Unknown

3b. Other issues *(electrical hazards, etc.)* to immediately and adversely impact public health or safety? ☐ Yes* ☒ No ☐ Unknown

Yes to 3a or 3b - System is an imminent threat to public health and safety.

3c. System is non-protective of ground water for other conditions as determined by inspector? ☐ Yes* ☒ No

3d. System not abandoned in accordance with Minn. R. 7080.2500? ☐ Yes* ☒ No

Yes to 3c or 3d - System is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation: ☐ Not applicable ☐ _____

4. Operating permit and nitrogen BMP* – Compliance component #4 of 5 ☒ Not applicable

Is the system operated under an Operating Permit? ☐ Yes ☐ No **If "yes", A below is required**

Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No **If "yes", B below is required**

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria:

a. Have the operating permit requirements been met? ☐ Yes ☐ No

b. Is the required nitrogen BMP in place and properly functioning? ☐ Yes ☐ No

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation: ☐ Operating permit (Attach) ☐

Property Address: 66805 185th.pl.,Jacobson,MN.

Business Name: Farley sewer systems Date: 6/13/2022

5. Soil separation – Compliance component #5 of 5

Date of installation 7/16/1987 *(mm/dd/yyyy)* ☐ Unknown

Shoreland/Wellhead protection/Food beverage lodging? ☒ Yes ☐ No

Compliance criteria (select one):

5a. *For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:* Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*
5b. *Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:* Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	☐ Yes ☒ No*
5c. *"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day)* Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*

***Any "no" answer above indicates the system is failing to protect groundwater.**

Attached supporting documentation:

☒ Soil observation logs completed for the report

☐ Two previous verifications of required vertical separation

☐ Not applicable (No soil treatment area)

☐ _____

Indicate depths or elevations

A. Bottom of distribution media	98
B. Periodically saturated soil/bedrock	98
C. System separation	0
D. Required compliance separation*	36"

*May be reduced up to 15 percent if allowed by Local Ordinance.

Describe verification methods and results:

Upgrade requirements: *(Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.*

HOLDING TANK PUMPING SERVICE AGREEMENT

Permit # _____ Address 66805 185th

THIS AGREEMENT entered into by and between Aitkin County Registered Septic Tank Pumper, Kanaus Ent. hereinafter refered to as "Contractor", and hereinafter refered to as "Homeowner".

WHEREAS, Homeowner desires and is required to retain individual sewage treatment system holding tank services to protect the environment and to obtain a certificate of complinace from Aitkin County; and

WHEREAS, the Contractor desires to provide sewage treatment system pumping services to Homeowner as necessary and in accordance with the terms and conditions outlined herein.

NOW THEREFORE, in consideration of the mutual promises contained herein, Parties do hereby agree as follows:

1. **TERM**. The term of this Agreement shall be from 7-27-2022 to final installation of an Aitkin County approved sewage treatment system or connection to a Municipal Sewage Treatment System, unless earlier terminated as provided herein. The parties understand and agree that this Agreement is intended to arrange for the provision of pumping services so that Homeowner may occupy the home pursuant to a certificate of compliance to be issued by the Aitkin County Environmental Services Department upon execution of this Agreement. Homeowner further agrees that at the earliest possible date, Homeowner shall have a permanent sewage treatment system installed in accordance with the Aitkin County Individual Sewage Treatment System and Wastewater Ordinance No.1 and as approved by the Aitkin County Environmental Services Department or connect to a Minicipal Sewage Treatment System. Upon approval by the County of Aitkin of the individual sewage treatment system or connection to a municipal sewer, or approval by Aitkin County Environmental Services of an amended or different contract, this Agreement shall terminate.

2. **FREQUENCY OF PUMPING**. Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

Two 1500 gallon
Tank size (gal.) 3000 gal. / (number of household occupants multipied by 75 gallons per day) = frequency of pumping: or

Within 24 hours of indication by tank alarm of lack of capacity (applicable only if system has a functional alarm):

Whichever is greater

Contractor agrees to provide pumping services according to the regular pumping schedule or as needed to prevent discharge. Homeowner shall compensate Contractor as agreed by the parties for pumping services rendered.

3. **REPORTING**. Grievances of Homeowner or Contractor shall be reported to the Aitkin County Environmental Services Department by Homeowner or Contractor. Homeowner and Contractor understand that failure to have holding tank pumped as herein specified or the discharge of any contents from the holding tank, regardless of fault, may result in the suspension, cancellation or revocation of the certificate of compliance, and the homeowner may be required to vacate the premises.

Tony Kanaus
Contractor

Date 7-27-2022

Homeowner

Date 7-27-2022

University of Minnesota Site Evaluation Form 5/16/2005

ONSITE SEWAGE TREATMENT PROGRAM

Property Owner(s) Greg Strickler Phone Number 651-269-6756

Address 66805 185th. Pl.Jacobson,MN. Design for two 1500 gallon Holding tanks

P.I.D. 02-1-074200 Section __ Township _____ N Range _____

Date 7/14/2022 Time 7:00 AM Weather conditions sunny and clear

Location Information *(check all that apply)*

x Two 1500 gal. holding tanks
__ connecting to a compliant system
__ replacement system
__
__ other establishment
__ new home construction

Homeowner Information

No. of bedrooms *(if applicable)* 2 bedrooms (includes possible additions)

No. of residents in home x adults __ children

Estimated flow 300 gpd

Well casing depth deep feet

Water using devices *(check)*

		Discharge location if checked
__ Garbage disposal	__ Water softener	
__ Dishwasher	__ Sump pump	
__ Large bathtub	__ High eff. furnace	
__ Laundry/large tub on 2nd floor	__ Jucuzzi/hottub	

Water use concerns *(check)*

__ Toilet/faucet leaks __ Max load laundry/day __ Long term prescription medications
__ Home business __ Lint screen __ Antibact. soap __ Frequent parties or out of town guests

Soil Data

Soil texture classification: silt loam

Unnatural soil *(check)*	x Yes	__ No			
Type of observation *(check)*	__ Probe	__ Pit	x Boring		
Parent material *(check)*	x Till	__ Outwash	__ Loess	__ Bedrock	__ Alluvium
Vegetation type *(check)*	__ Wet	x Dry	__ Unknown		
Slope form *(check)*	__ Summit	__ Shoulder	x Back	__ Foot	__ Toe
Drainage *(check)*	x Good	__ Fair	__ Poor	__ Ponding	__ Flooding
Located in floodplain *(check)*	__ Yes	x No			

Site Summary Data

Standing water: n/a inches
Bedrock: n/a inches
Saturated soil: _____ inches
Maximum depth of system: _____ inches
Max elevation at system bottom: _____ feet
Soil sizing factor (SSF): _____ gpd/ft^2
Linear loading rate (LLR): _____ gpd/ft
Was a perc test done ? __ Yes _____ mpi
x No

Soil Survey Data	Soil #1	Soil #2
Map unit sym & name		
Landscape position		
Flooding		
Slope		
Watertable depth		
Bedrock depth		
Possible system depth		
Texture at depth		
Permeability (P)		
Perc(MPI) = 60 / P		
NRCS onsite suitability		

Soil Boring Data

Boring 1 Elevation: Location:

Soil Horizons Depth (inches)	Texture	Color	Structure	Consistence

Boring 2 Elevation: Location:

Soil Horizons Depth (inches)	Texture	Color	Structure	Consistence

Site Evaluation Map

Elavations.

Bench Mark = Top of cement on garage Door Nearest to the Septic tank = 100.0

Outlet of house = 98.0

Inlet of New tank = 97.0

See attach. Map

List any construction issues: _____

_____

Mapping Checklist

Map scale: _____ ___ indicate north ___ show slope _____ % direction _____

Locate

___ lot dimensions/property lines
___ dwellings and other improvements
___ existing and/or proposed system(s)
___ replacement area
___ unsuitable area(s)
___ public water supply wells
___ pumping access
___ inner wellhead zone

Easements

___ phone
___ electric
gas

Elevations

___ borings
___ benchmark
___ perc tests
___ horiz&vert reference pts

Setbacks

___ building
___ all water wells within 100ft
___ pressure pipe
___ water suction pipe
___ streams, lakes, rivers
___ floodway and fringe

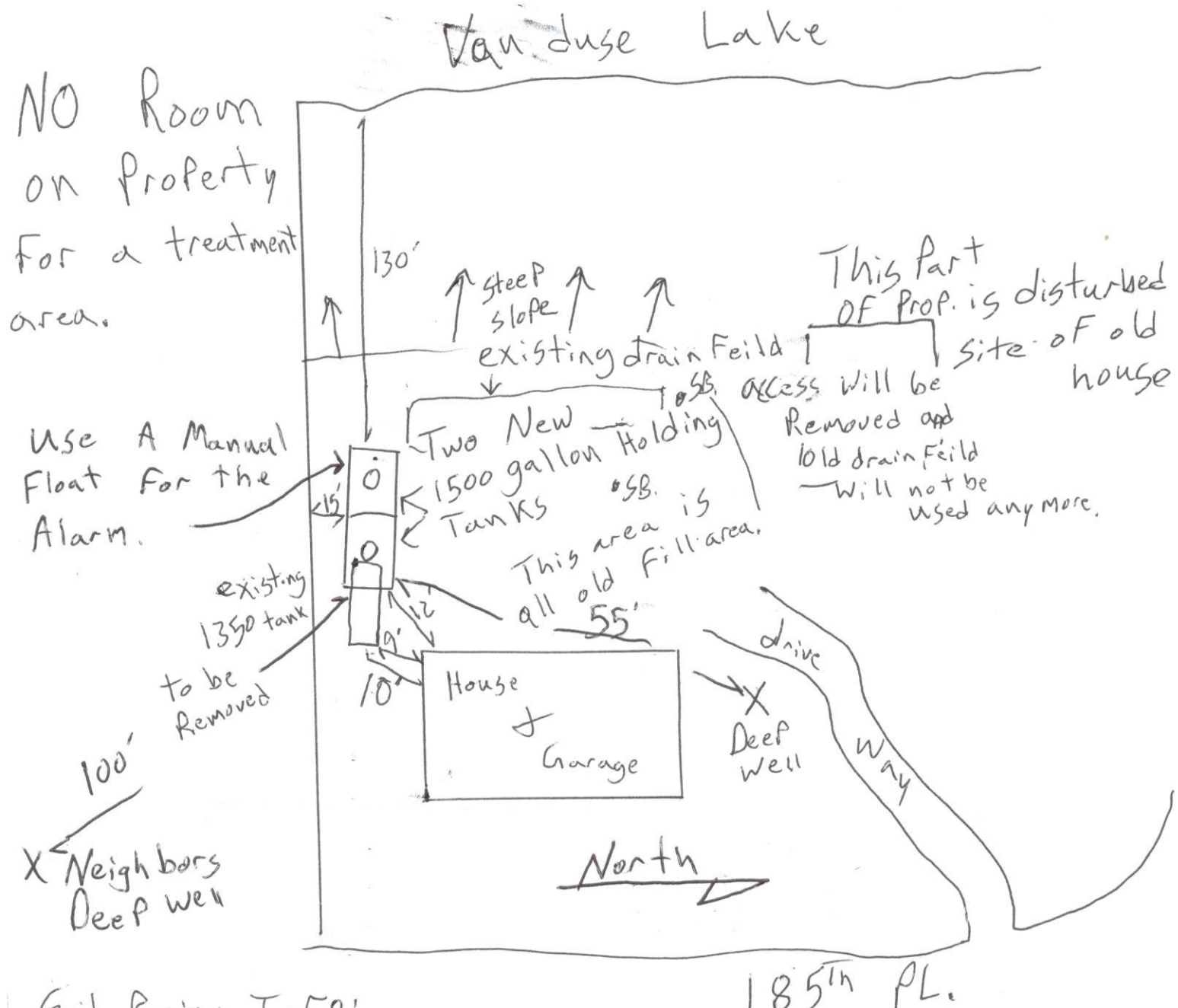
I hereby certify this work has been completed in accordance with all applicable ordinances, rules and laws.

_____ (signature) 7/14/2022 (date)

L-1919 (license #) 218-839-4737 (phone number)

FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION
JAROLD R. FARLEY
P.O. Box 472
McGregor, MN 55760
Bus. Lic. No. L1919
Reg. No. 4744
218-839-4737 cell



Soil Boring INFO!

SB1 0-3" Topsoil 10YR 3/3
3-9" Silt Loam 10YR 4/4
9" Plus Very Rocky - Sand Gravel + 7.5YR 4/6

SB2 0-4" Topsoil 10YR 3/2
4-12" Silt Loam 10YR 4/4
7.5YR 4/6