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

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 0102621120016 Reason for Inspection Transfer of title

Local regulatory authority info: Washington County

Property address: 11698 122ND ST S, TOWN OF DENMARK

Owner/representative: WAIBEL MICHAEL J Owner's phone: 651-336-8225

Brief system description: Two septic tanks, 1 pump tank to drainfield

System status

System status on date (mm/dd/yyyy): 9/20/2023

☒ **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: SS Septic Solutions, LLC.

Certification number: 9917

Inspector signature: Shelley Schlomka

(This document has been electronically signed)

License number: 4137

Phone: 651-343-9117

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: 11698 122ND ST S, TOWN OF DENMARK

Business Name: SS Septic Solutions, LLC. Date: 9/20/2023

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.

Attached supporting documentation:

☐ Other:

☐ Not applicable

Describe verification methods and results:

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: Meyers

License number of maintenance business:

Date of maintenance: 9/20/2023

☐ 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: 11698 122ND ST S, TOWN OF DENMARK

Business Name: SS Septic Solutions, LLC. Date: 9/20/2023

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: 11698 122ND ST S, TOWN OF DENMARK

Business Name: SS Septic Solutions, LLC. Date: 9/20/2023

5. Soil separation – Compliance component #5 of 5

Date of installation 5/1/2002 *(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	**Attached supporting documentation:** ☐ Soil observation logs completed for the report ☒ Two previous verifications of required vertical separation ☐ Not applicable (No soil treatment area) ☐ _____
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	**Indicate depths or elevations** A. Bottom of distribution media: 12" B. Periodically saturated soil/bedrock: 36" C. System separation: 48" D. Required compliance separation*: 36" *May be reduced up to 15 percent if allowed by Local Ordinance.
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.

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.*

LOG OF SOIL BORINGS

Job: Lot 1, Block 6, Eagles Watch, Denmark Twshp.
date: 10/27/01

Depth Feet	B1	B2	B3	B4
1	Dark brown silty loam 10yr 3/3 8 Yellow brown fine sandy silty loam 10yr 5/6	Dark brown silty loam 10yr 3/3 8 yellow brown very fine sandy loam	Dark brown silty loam 10yr 3/3 9 Yellow brown silt loam 10yr 5/6	Dark brown silt loam 10yr 3/3 5 Pale brown medium
2		24	20 Pale brown fine	to fine sand (mottled @ 26")
3	30 Pale brown fine sand (mottled sand at 16")	Pale brown fine sandy loam (mottled sand @ 42")	sand (mottled at 28")	
4	10yr 6/3			
5			48	48
6				
7	78	78		
8				

LOG OF SOIL BORINGS

job: Lot 1 Block 6 Eagles Watch Denmark Tshp
date: 12-14-01

Depth Feet	B-5	B6	B7	B4
1	Dark brown loam to Sandy loam 10 yr 3/3 12	Dark brown loam 10 yr 3/3.	Dark brown loam 10 yr 3/3 8	
2	Medium brown fine loamy	14 Dark to med brown SANDY loam	Dark to med brown SANDY loam 10 yr 3/3	
3	SAND 10 yr 4/3	10 yr 3/3 28	30 med to pale brown	
4		Medium brown fine loamy SAND 10 yr 4/3	Loamy SAND. Looks like fine mottle 10 yr 5/3 48	
5		60	Grey mottle at 48"	
6	66			
7				
8				

STANDARD SYSTEM DESIGN
INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY PUBLIC HEALTH & ENVIRONMENT
14949 62ND STREET NORTH, P.O. BOX 3803, STILLWATER, MN 55082-3803
651/430-6688 OR 651/430-6655 FAX 651/430-6730

Owner's Name Kingsborough Homes Geo Code

Job Site Address Lot 1, Block 6 Eagles Watch

City or Township Denmark

Use of Building 5-Bedroom Home

Design Flow Rate 750	Perc Rate 25.25	Land Slope 7	Percent
Two Required Tank Sizes . 1500 Gallons	1000 Gallons	Lift Station Tank Size 1500 .	Gallons
Type of System (standard, at grade, or rockless pipe add 20%)		Standard Chambered	
System Size: 1250 -Square Feet	416 -Lineal Feet	36" -Trench Width	
Depth of rock below pipe 12.		Depth of Rock Above Pipe 2	
MINimum Depth of Trench From Existing Grade 12	Inches	MAXimum Depth of Trench From Existing Grade 12"	Inches
Recommended Number of Trenches 4		Recommended Length of Trenches 104	
Trench Spacing Measured Center to Center 5 to 7			Feet
Any Other Special Conditions			

IF PRESSURE DISTRIBUTION IS USED, COMPLETE THE PRESSURE DISTRIBUTION WORK SHEET ATTACHED.

This design must be accompanied by a site plan that clearly shows the location of the area tested and approved by the following:

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show ALL property boundaries, rights-of-way, easements, wetlands. If necessary, an enlarged detail of the house site may also be required.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system.
5. Show location of water supply (well and/or community supply line).
6. Dimension all setbacks and separation distances.

This system has been designed by a Pollution Control Agency (PCA) Certified Professional.

Designer Name Barry Brown PCA Certification # 1772

Address 3041 Woodlane Dr. Woodbury 55125 Phone # 651-735-7321

Signature Barry J Brown Date 12-16-01

WASHINGTON COUNTY, MINNESOTA
Department of Public Health and Environment 651/430-6688

Scanned 8/25/08 DM

PERMIT NUMBER

DENMARK TOWNSHIP
000401035 SEWAGE PERMIT

Owner : KINGSBOROUGH HOMES
8750 90TH ST S
COTTAGE GROVE MN 55016
Applicant : TODD FEATHERSTONE 612-366-4100

NEW DRAINFIELD PERMIT	180.00
SEPTIC APPLICATION/SOIL REVIEW	175.00
Total Fees :	355.00
Total Paid :	255.00
Total Due :	100.00

40033

$100.00

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following described property upon express condition that said persons and their agents, employees and workmen shall conform in all respects to the provisions of the Building Code, and/or Ordinances.
This permit may be revoked at any time upon the violation of any of the provisions of said code and ordinances.

Project Address : 11688 122ND ST S HASTINGS MN 55033
Legal Description:
Geo : 1-026-21-12-0016
Flow Capacity 750 Gal/Day Tank Volume 2500
Soil Conditions: Depth to Restriction 48 Inches Perc Rate 25 Min/Inch

Soil Treatment Type:
Bottom Area 1250 Rock Depth 12

Authorized Work / Special Conditions
- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
- 12" SYSTEM FOLLOW CONTOURS. CHAMBERED SYSTEM RECOMENDED.

** Permit Expiration Date : Sewage Treatment : 2003-01-02

A CERTIFICATE OF OCCUPANCY MUST BE REQUESTED AND ISSUED PRIOR TO USE OR OCCUPANCY OF WORK PERMITTED BY A BUILDING PERMIT.
** This permit shall expire and be null and void if the work authorized by the Building Permit is not commenced within 60 days of the date of issuance or if work is abandoned or suspended for a period of 120 days. Term of the Building Permit is 12 months from date of issue. Term of sewage treatment permit is 12 months from date of issue.
Penalty for violation of any of the provisions of building code: Fine not to exceed five hundred dollars ($500.00) or imprisionment for not more than ninety (90) days, or both.

Permit Issue Date 2002-01-02 Code Enforcement Officer P Clauzel

FILE

SCALE – ■ = 10'

INGSBOROUGH HOMES

ot 1

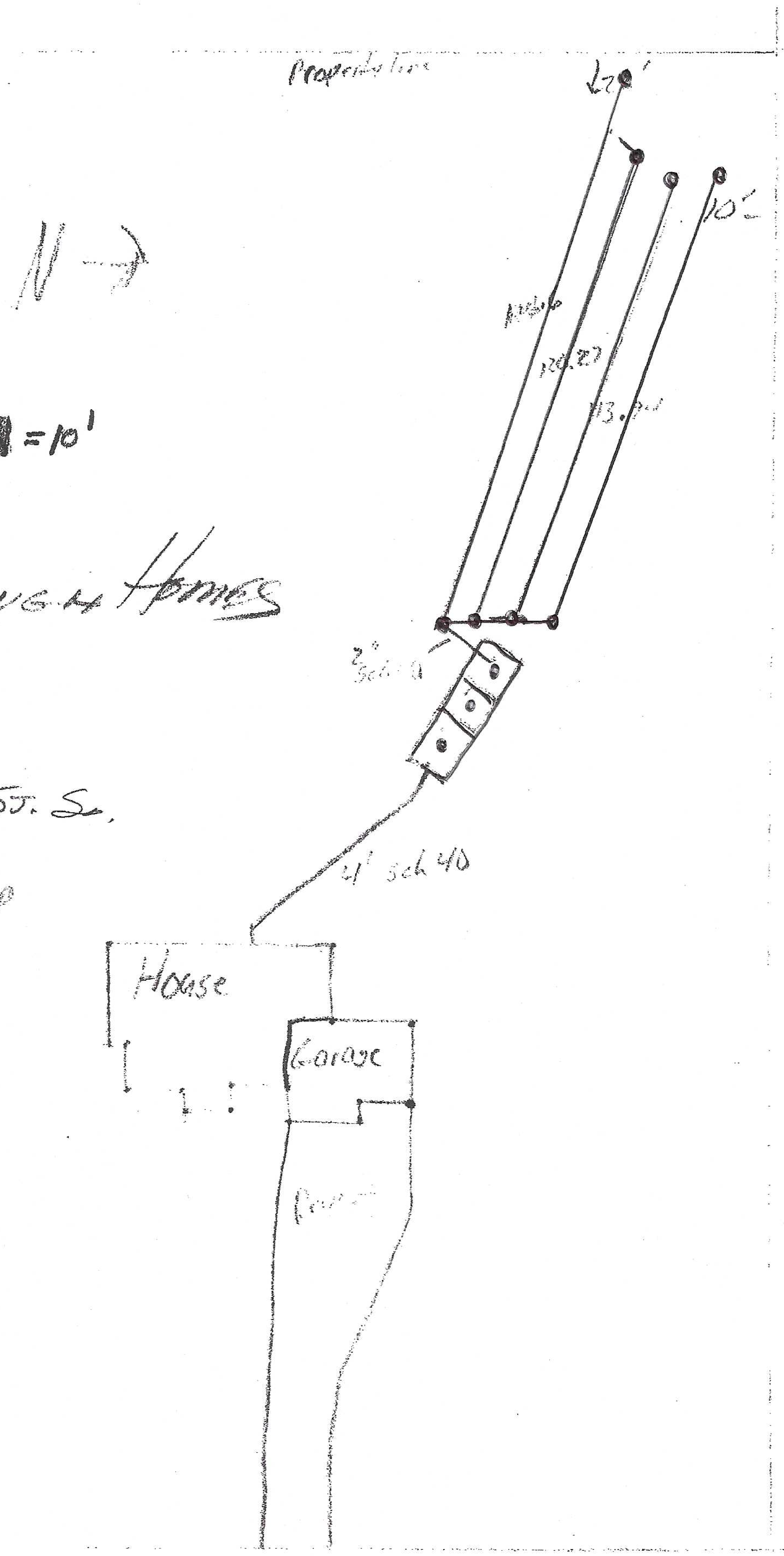
lock 6

698-122ND ST. S.

gleswood

Jermock Township

HASTINGS, MN.



SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions, LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. The report shall not be construed as a warranty that the system will properly function for any period.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a watertight septic tank(s) and lift tank, the required separation from the bottom of the drain field/mound distribution medium and saturated soils, no backup of sewage into the dwelling and no discharge of sewage onto the ground surface or surface water. SS Septic Solutions, LLC does not inspect basement sewage ejector pumps or exterior lift pumps as they are a maintenance item. Sewage backup verification is limited to the information supplied by the last occupants/owner if available. I cannot guarantee that the information given to me is accurate. Some people may attempt to hide or conceal signs of previous backups.
3. Certification of this system does not warranty any future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded because of more people moving into the house than were previously occupying it, improper maintenance, heavy usage, tree roots, freezing conditions, or surface drainage problems. The system could simply stop working due to age.
4. A compliance inspection is not meant to be a test of the longevity of the septic system. The inspection is strictly for the purpose of determining if the septic is polluting the environment at the date and time the inspection is performed. The inspection is not intended to determine if the system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. Winter Work – Client understands that inspections conducted in winter weather conditions are more difficult to perform due to snow cover and frost. Septic system components like tanks, tank covers, drop boxes and soil treatment areas are more difficult to locate in these conditions. Soil borings and drain field locations are also more difficult to perform due to ground frost. The client needs to understand that due to the weather conditions, the same level of standards may not be possible compared to an inspection during the spring/summer/fall months.
6. If hired to perform the compliance inspection, the client hereby agrees that SS Septic Solutions, LLC will not be responsible for any monetary damages, claims or causes of action including attorney fees arising from the performance of this inspection.
7. Nothing other than gray water (laundry, showers, etc.) human waste and toilet tissue should be disposed of into the septic tanks. Garbage disposals are not recommended. Smaller amounts of laundry, soaps, dish soap, cleaning agents, etc. are better for the system. Antibacterial soaps and chlorine agents may kill the bacteria needed to treat effluent properly. Additives are not recommended and may be harmful to your system. Recommend to pump and clean your tanks by a certified pumper every other year if you have 1 tank and every 2-3 years if you have a 2-tank system to ensure proper maintenance.