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: 2802921130001 Reason for Inspection Transfer of deed

Local regulatory authority info: Washington County

Property address: 8742 15TH ST N, CITY OF LAKE ELMO

Owner/representative: GEFFRE DENNIS E JR & LEE A Owner's phone: 612-380-5037

Brief system description: Two septic tank, one pump tank to drainfield installed in 2015.

System status

System status on date (mm/dd/yyyy): 5/4/2024

☒ **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 License number: 4137

(This document has been electronically signed) 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: 8742 15TH ST N, CITY OF LAKE ELMO

Business Name: SS Septic Solutions, LLC. Date: 5/4/2024

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: Meyers

License number of maintenance business:

Date of maintenance: 04/05/2024

☐ 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: 8742 15TH ST N, CITY OF LAKE ELMO

Business Name: SS Septic Solutions, LLC. Date: 5/4/2024

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: 8742 15TH ST N, CITY OF LAKE ELMO

Business Name: SS Septic Solutions, LLC. Date: 5/4/2024

5. Soil separation – Compliance component #5 of 5

Date of installation 10/21/2015 *(mm/dd/yyyy)* ☐ Unknown

Shoreland/Wellhead protection/Food beverage lodging? ☐ 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)

☐ _____

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*

Indicate depths or elevations

A. Bottom of distribution media	48"
B. Periodically saturated soil/bedrock	84"
C. System separation	36"
D. Required compliance separation*	36"

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

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.*

- There are to be seven-1.25 inch laterals, 43 feet long, spaced 36 inches apart with 3/16" perforations spaced 36 inches apart. The manifold can be on the end of the laterals.
- **Installer**: verify amount of rock and other materials needed.

In winter, it is best to leave the snow on the treatment system and over the septic tanks uncompacted for better insulation to prevent freezing.

Footing or roof drains, chemically-treated hot tubs, pool water, paint, drain cleaners, floor stripping waste, degreasers and other products containing hazardous chemicals must not discharge into the sewage treatment system.

Low-flow shower heads and toilets can cut down on water usage. Leaky faucets and toilets can add too much water to the treatment system and should be fixed promptly. Multi shower heads should be avoided.

If problems occur, a pumper/maintainer should be called promptly.

It is the homeowner's responsibility to get the septic tanks pumped in accordance with your local government's ordinances. A licensed maintainer (pumper) will be required to do this. Washington County requires pumping no less than once every 3 years.

This design must be reviewed by Washington County Public Health and a permit must be obtained before the installation of any part the subsurface sewage treatment system.

If you have any questions or concerns, please feel free to call me. I would be glad to help.

Sincerely,

Ed Eklin

Ed Eklin

SOILS
DESIGNER #1
SIGNATURE

9/10/15
SOILS
FOR
DESIGN

MPCA License #3321

Certification #C3268

SEPTIC SYSTEM DESIGNS • PERCOLATION TESTS
SOIL BORINGS • SUB-DIVISION PLANNING

UNIVERSITY OF MINNESOTA

OSTP Soil Observation Log

Project ID:

v 12.04.25

Client/ Address:	Travis Schwab	Legal Description/ GPS:	8742 15th St. N, Lake Elmo, MN

Soil parent material(s): (Check all that apply) ☐ Outwash ☐ Lacustrine ☑ Loess ☑ Till ☐ Alluvium ☐ Bedrock ☐ Organic Matter

Landscape Position: (check one) ☐ Summit ☐ Shoulder ☑ Back/Side Slope ☐ Foot Slope ☐ Toe Slope Slope shape: linear/linear

Vegetation	trees	Soil survey map units	153B	Slope%	2.0	Elevation:	
Weather Conditions/Time of Day:	sunny 9:55 AM				Date	09/10/15	
Observation #/Location:	BH1			Observation Type:	☑ Auger ☐ Probe ☐ Pit		

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure: Shape	Structure: Grade	Structure: Consistence
0-36	Silt Loam		10yr 5/4				Blocky		
36-84	Fine Sandy Loam		10yr 5/4				Blocky		

Comments: Sandy at 36", OK 7'

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

(Designer) (Signature) (License #) (Date)

Additional Soil Observation Logs

Project ID:

Client/ Address:		Legal Description/ GPS:	
Soil parent material(s): (Check all that apply)	☐ Outwash ☐ Lacustrine ☑ Loess ☑ Till ☐ Alluvium ☐ Bedrock ☐ Organic Matter		
Landscape Position: (check one)	☐ Summi ☐ Shoulder ☑ Back/Side Slope ☐ Foot Slope ☐ Toe	Slope shape	linear/linear
Vegetation: trees	Soil survey map units: 153B	Slope%: 2.0	Elevation:
Weather Conditions/Time of Day:	sunny 10:15 AM	Date	09/10/15
Observation #/Location:	BH2	Observation Type:	☑ Auger ☐ Probe ☐ Pit

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure: Shape	Grade	Consistence
0-36	Silt Loam		10yr 5/4				Blocky		
36-78	Fine Sandy Loam		10yr 5/4				Blocky		

Comments: Sandy at 36", OK 7'

Observation #/Location:	BH3	Observation Type:	Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure: Shape	Grade	Consistence
0-36	Silt Loam		10yur 5/4				Blocky		
36-84	Fine Sandy Loam		10yr 5/4				Blocky		

Comments: Sandy at 36", OK 7'

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OSTP Soil Observation Log

Project ID:

Client/ Address:	8742 15th Street N	Legal Description/ GPS:	28.029.21.13.0001

Soil parent material(s): (Check all that apply) ☐ Outwash ☐ Lacustrine ☐ Loess ☑ Till ☐ Alluvium ☐ Bedrock ☐ Organic Matter

Landscape Position: (check one) ☑ Summit ☐ Shoulder ☐ Back/Side Slope ☐ Foot Slope ☐ Toe Slope Slope shape

Vegetation	Lawn	Soil survey map units	153B-Santiago Silt Loam	Slope%		Elevation:	1037
Weather Conditions/Time of Day:	AM/Sunny				Date	10/23/15	
Observation #/Location:	County Verification Observation				Observation Type:	☐ Auger ☐ Probe ☑ Pit	

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure: Shape	Structure: Grade	Structure: Consistence
0-13"	Silt Loam		10YR3/2				Blocky	Moderate	Friable
13-36"	Silt Loam		10YR4/4				Blocky	Moderate	Friable
36-84"	Sandy Loam		10YR5/4				Platey	Moderate	Friable

2nd signature County + Designer verified again

Comments	44°58'15.8672" 92°55'45.2171" Soil observation done with designer 21Oct2015

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

Chris LeClair		C6836	10/23/2015
(County Inspector)	(Signature)	(License #)	(Date)

Washington County

Department of Public Health and Environment
14949 62nd Street North PO Box 6
Stillwater MN 55082-0006
Office: 651-430-6655 TTY: 651-430-6246 Fax: 651-430-6730

Review Fee:	$290.00
Permit Fee:	$305.00
Total Fee:	**$595.00**
Previous Payment	**$595.00**
Balance Due	**$0.00**

Community: Lake Elmo
Permit Number: 0800-15-30
Owner: TRAVIS SCHWAB
83 QUAMWELL AVE S
LAKELAND MN 55043-
Applicant: STEINBRECHER COMPANIES INC

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #179, Washington County Development Code, Chapter Four, Subsurface Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 8742 15th ST N
Geo Code: 28-029-21-13-0001
Designer: Steinbrecher Companies

Type of System: Pressure Bed

Design Criteria		Bed Sizing		
Percolation Rate:	20	Square Feet:	900	
Depth To Restriction:	84	Rock Bed Width:	20	Feet
Land Slope:	2.00%	Rock Bed Length:	45	Feet
Flow Rate:	450	Depth of Rock:	8	Inches
Number of Bedrooms:	3	Bed Depth Maximum:	48	Inches
		Bed Depth Minimum:	48	Inches

Tank Sizes

Tank 1: 1000 Tank 2: 1000 Tank 3: 0 Lift Station: 1000

Pressure Distribution		
Number Of Laterals:	7	
Perforation Spacing:	3	Feet
Perforation Diameter:	3/16	Inch
Head Size:	1.0	Inch
Total Head:	0	
Connection:	End	
Length of Laterals:	43	Feet
Perforations / Lateral:	15	
Total Perforations:	105	
Gallons Per Minute:	44.1	
Lateral Diameter:	1.5	Inches

Authorized Work/Special Conditions

1. Building sewer can be no closer than 20' to well and must be pressure tested within 50 feet of well.
2. Domestic strength waste only. Industrial waste and hazardous wastes cannot enter the septic system.
3. Effluent Filter with Alarm Required
4. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.
5. Maximum trench depth 48 inches into natural soil.
6. Pressurized laterals can be no further apart than 36 inches and require accessible cleanouts at the end of each lateral.
7. Use of tanks registered with the Minnesota Pollution Control Agency required.

Permit Issue Date: 10/30/2015
Permit Expiration Date: 10/29/2016

Christopher W. LeClair, REHS
Senior Environmental Specialist

Steinbrecher Companies, Inc.

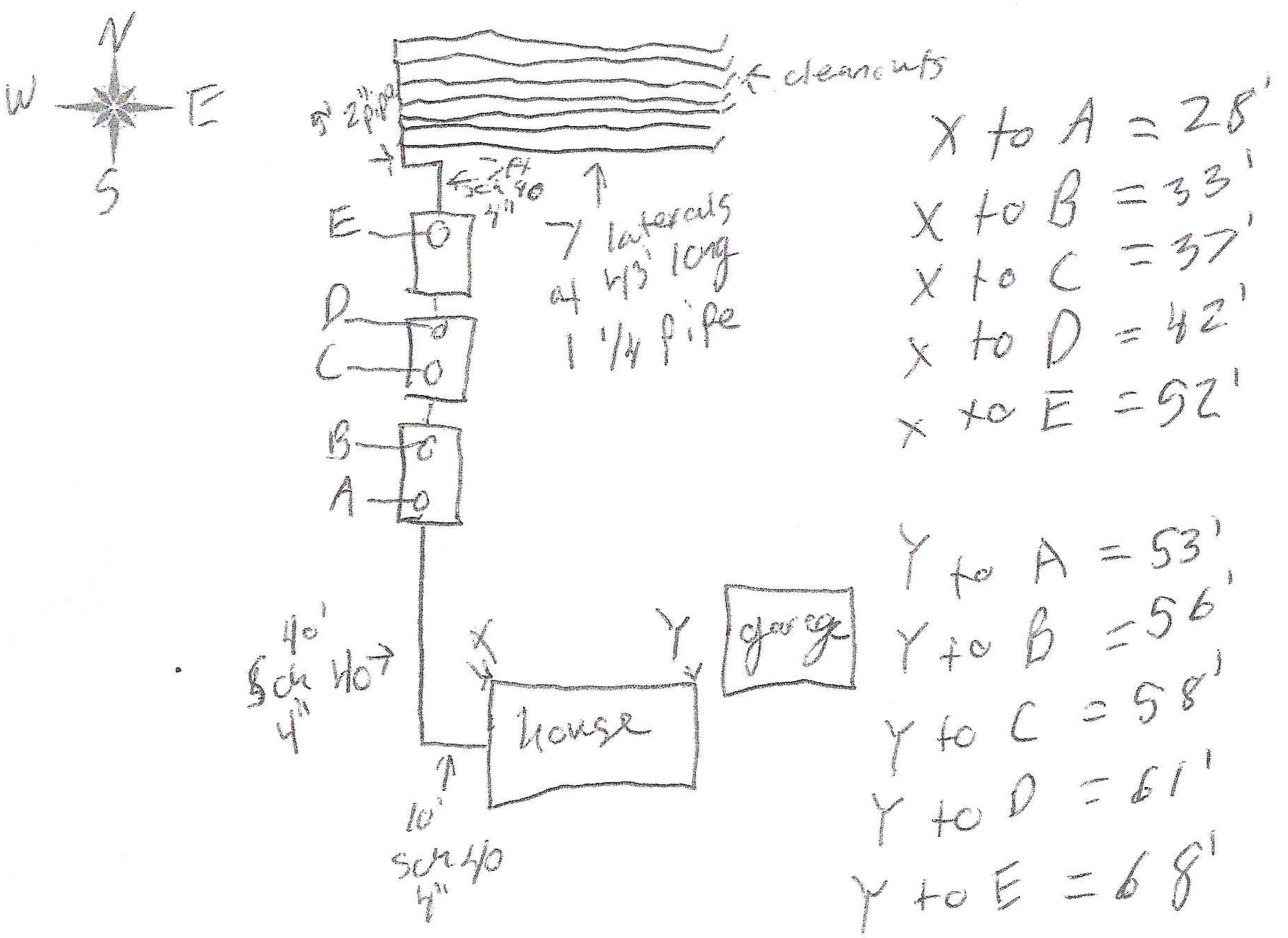
13792 247th Avenue – Zimmerman, MN 55398
Phone (763) 274-0925 Fax (763) 274-0928

Customer Travis Schwab Phone: 651-895-7586

Address 8742 15th Street North, Lake Elmo

Tank Size	1000	Square Footage of Drainfield area	
Tank Size	1000	Circle one: Trench At Grade Mound (Pressure Bed)	
Tank Size	1000 Lift		
Tank Size			

(Show location of house, tank, drainfield, property line and well)



ADDITIONAL JOB NOTES: No Well

MAKE SURE ALL MANHOLE COVERS ARE PROPERLY SECURED. DOUBLE CHECK THAT EVERYTHING IS WORKING PROPERLY. CLEAN UP THE JOB SITE.

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.