

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions:

Control Agency (MPCA) website at

Instructions for filling out this form are located on the Minnesota Pollution

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 2102820130001 Reason for Inspection Transfer of deed
Local regulatory authority info: Washington County
Property address: 14515 32ND ST S, CITY OF AFTON
Owner/representative: HANNAHAN JOHN J & JENNIFER Owner's phone: 651-280-5752
Brief system description: Two 1000 gallon septic tanks gravity fed to drainfield with 1545 square foot of drainfield

System status

System status on date (mm/dd/yyyy): 6/26/2024

Compliant – Certificate of compliance*

Noncompliant – Notice of noncompliance

(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.)

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

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

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

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other information (list):

Property Address: 14515 32ND ST S, CITY OF AFTON

Business Name: SS Septic Solutions, LLC.

Date: 6/26/2024

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

Compliance criteria:

System discharges sewage to the ground surface	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: Meyer's
 - License number of maintenance business: _____
 - Date of maintenance: 6/26/2024
- 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: _____

Describe verification methods and results:

Tanks water tight at time of inspection.

Property Address: 14515 32ND ST S, CITY OF AFTON

Business Name: SS Septic Solutions, LLC.

Date: 6/26/2024

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

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

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

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

Property Address: 14515 32ND ST S, CITY OF AFTON

Business Name: SS Septic Solutions, LLC.

Date: 6/26/2024

5. Soil separation – Compliance component #5 of 5

Date of installation 11/27/1991 Unknown
(mm/dd/yyyy)

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: Yes No
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

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: Yes No
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*

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) Yes No
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

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	18"
B. Periodically saturated soil/bedrock	54"
C. System separation	36"
D. Required compliance separation*	24"

*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.

Soil Observation Log

Project ID:

v 03.15.2023

Client: Jack Hannahan Location / Address: 14515 32nd Street South - Afton

Soil parent material(s): (Check all that apply) Outwash Lacustrine Loess Till Alluvium Bedrock Organic Matter Disturbed/Fill

Landscape Position: Back/Side Slope Slope shape: Linear, Linear Flooding/Run-On potential:

Vegetation: Lawn Soil survey map units: 340B Surface Elevation-Relative to benchmark:

Date/Time of Day/Weather Conditions: 6/26/2024 warm sunny Limiting Layer Elevation:

Observation #/Location: _____ Observation Type: Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure	
							Shape	Grade
0-6"	Loam		10YR 3/3				Blocky	Friable
6" - 36"	Medium Loamy Sand		10YR 4/3				Granular	Loose
36" - 54"	Medium Sandy Loam		7.5YR 4/4				Granular	Loose

Comments:

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

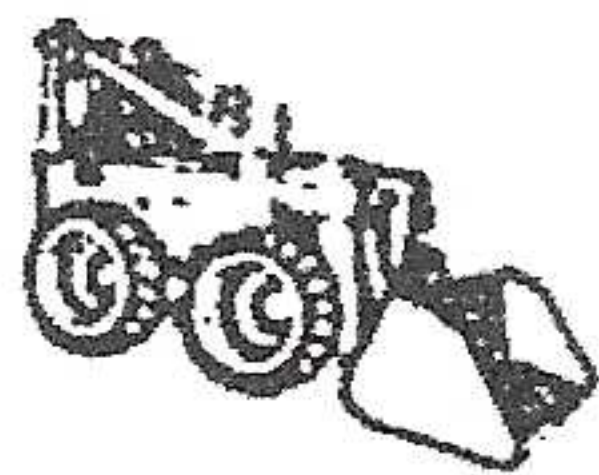
Shelley Schlomka (Designer/Inspector) License # 4137 Date 6/26/2024

Optional Verification: I hereby certify that this soil observation was verified according to Minn. R. 7082.0500 subp. 3 A. The signature below represents an infield verification of the periodically saturated soil or bedrock at the proposed soil treatment and dispersal site.

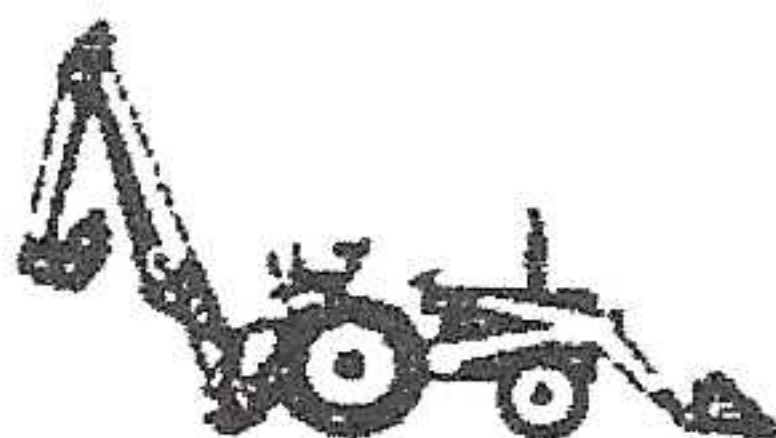
(LGU/Designer/Inspector) (Signature) (Cert #) (Date)

OWNER TIM MAGNUSON
ADDRESS 14515 32ND ST. SO. AFTON

AS BUILT 27 NOV 1991



SEWER & WATER
SEPTIC SYSTEMS
GRADING

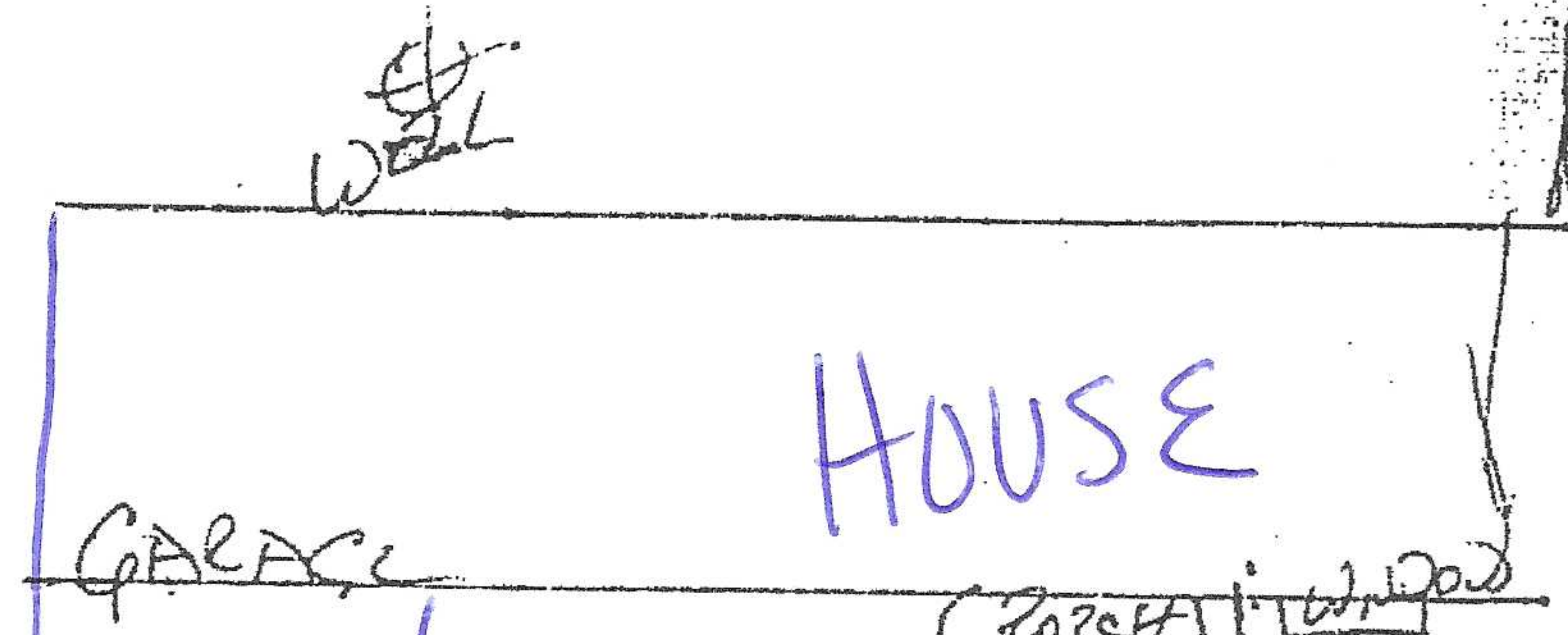


Gallati Excavating, Inc.

6284 UPPER 46TH ST NO
OAKDALE, MN 55128

777-2798

LORNE GALLATI



HOUSE

GARAGE

WELL

PORCH

WINDOW

30' SCHEDULE 40
PVC
RISERS

1 THOUSAND GAL

10' 1 THOUSAND GALLON

40 SCHEDULE 40
PVC

2-1000 gal tanks

1545 sq. ft.

Trench area

ALL #40
PIPE

ALL LINES
10'
APART

12" ROCK UNDER

2" ABOVE PIPE

145 TON 1/2 ROCK

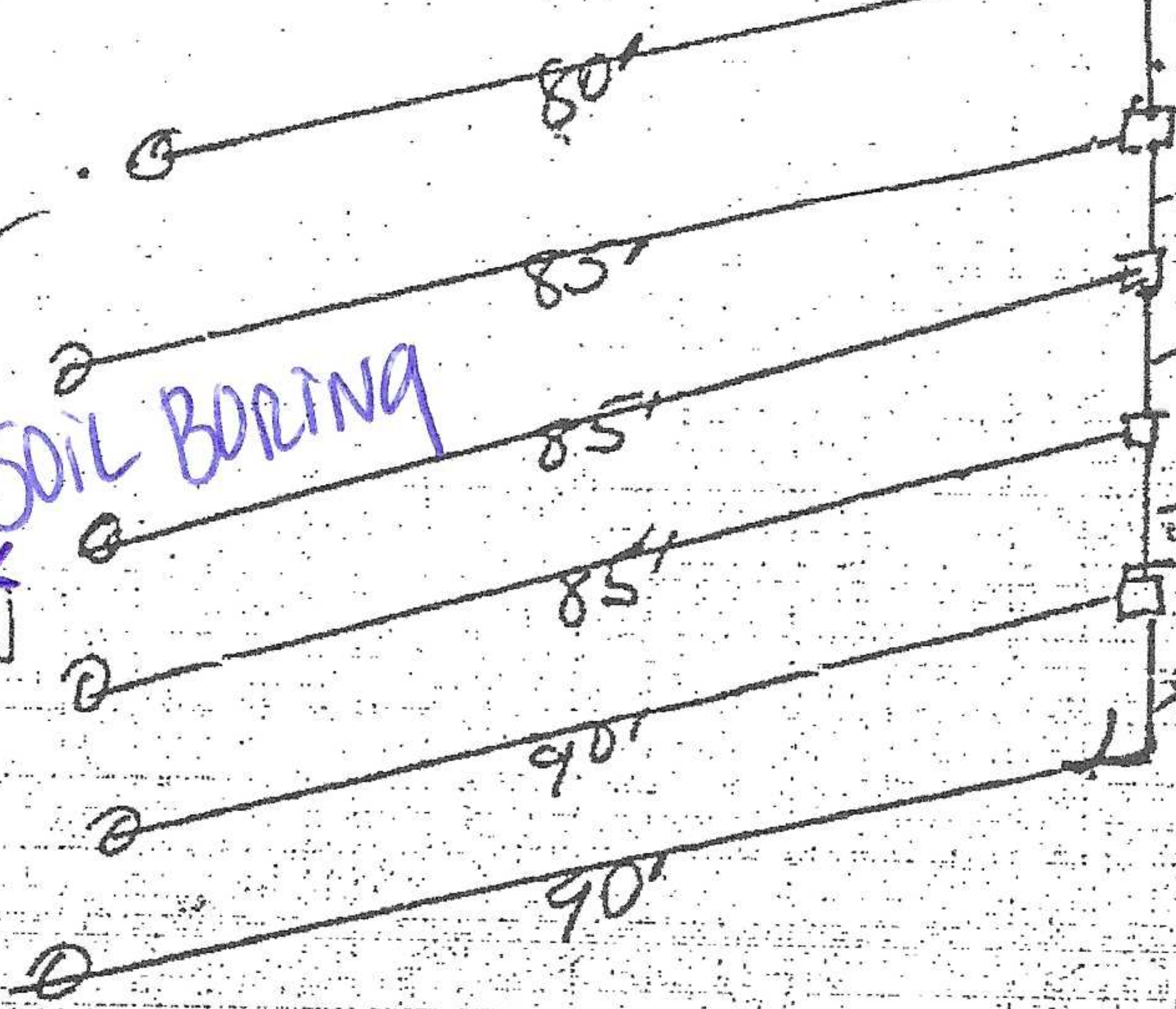
USED + ADDITIONAL 15 TON
TO FINISH JOB

COMPLETE SYSTEM SET
WITH LASER AT 22" BELOW
SURFACE WITH EXCAVATED
EARTH PLACED OVER TRENCHES

Lorne Gallati

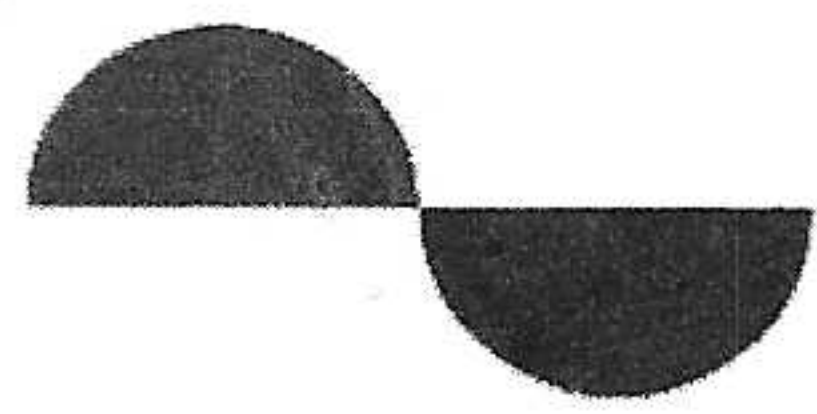
DRIVEWAY

ALL SOIL BORING
10'
BETWEEN



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.



RMB

Environmental Laboratories, Inc.

www.rmbel.com

Burnsville

501 Highway 13 East Suite 104
Burnsville, MN 55337
952-456-8470

Detroit Lakes

22796 County Highway 6
Detroit Lakes, MN 56501
218-846-1465

Virginia

110 1/2 S 15th Avenue W
Virginia, MN 55792
218-440-2043

Laboratory Results
July 01, 2024

Report To: SS Septic Solutions, LLC
Shelley Schlomka
14845 113th Street South
Hastings, MN, 55033

Bill To: SS Septic Solutions, LLC
Shelley Schlomka
14845 113th Street South
Hastings, MN, 55033

Lab Code:	B013566-01	Sample Description:	14515 32nd St S, Afton, MN 55001
Matrix:	Water	Property Owner Name:	Jack Hannahan
Date/Time Sampled:	06/26/2024 17:45	Sampling Point:	Outside Faucet
Date/Time Received:	06/27/2024 13:54	Unique Well ID:	
Samplers:		Sample Receipt Information:	Samples received on ice.
Sample Receipt Temperature °C	16.6		

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
Chemistry Parameters										
Nitrate as N	< 0.0300	mg/L		0.0300	1	10	Systea Easy (1-Reagent)		06/28/24 16:12	BL
Laboratory Interpretation: The Nitrate as N result MEETS the primary drinking water standards set by the US Environmental Protection Agency.										
Microbiological										
Total Coliform Bacteria	Absent	N/A		1	1	Absent	SM9223B-16	Colilert	06/27/24 15:49	BL
Laboratory Interpretation: The Total Coliform result MEETS the primary drinking water standards set by the US Environmental Protection Agency.										
E. Coli Bacteria	Absent	N/A		1	1	Absent	SM9223B-16	Colilert	06/27/24 15:49	BL
Laboratory Interpretation: The E. Coli result MEETS the primary drinking water standards set by the US Environmental Protection Agency.										

Qualifiers and Definitions

Item	Definition
RL	Reporting Limit
DF	Dilution Factor
BL	Indicates test performed by RMB Environmental Laboratories - Burnsville.