

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: 1902920320004 Reason for Inspection Adding garage with bathroom

Local regulatory authority info: Washington County

Property address: 2423 MANNING AVE N, TOWN OF WEST LAKELAND

Owner/representative: GERHART WILLIAM F & RENEE L Owner's phone: 612-618-7987

Brief system description: Two 1000 gallon septic tank to gravity fed drainfield

System status

System status on date (mm/dd/yyyy): 6/11/2024

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: 2423 MANNING AVE N, TOWN OF WEST LAKELAND

Business Name: SS Septic Solutions, LLC.

Date: 6/11/2024

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

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

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: Meyers
 - License number of maintenance business: _____
 - Date of maintenance: 6/11/2024
- 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: _____

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

Describe verification methods and results:

Tanks water tight at time of inspections, Baffles looked good. Homeowner had manhole covers dug up and risers added so the tanks could be properly serviced today and in the future.

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:

New manhole covers added

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)

5. Soil separation – Compliance component #5 of 5

Date of installation 5/26/1998 Unknown
(mm/dd/yyyy)

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):

<p>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:</p> <p>Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No*
<p>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:</p> <p>Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No*
<p>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)</p> <p>Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No*

Indicate depths or elevations

A. Bottom of distribution media	18"
B. Periodically saturated soil/bedrock	54"
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.



EARTH SCIENCE TESTING
SOILS INFORMATION COMPANY

SOIL BORINGS

RECEIVED
SEP 08 1997
HELM

BORING NO.1A

- 0"- 8" = DARK BROWN FINE SANDY LOAM.(10YR 3/2)
8"- 30" = LIGHT BROWN - TAN FINE SILTY LOAM. (10YR 4/2)
30"- 48" = LT. BROWN - TAN FINE SILTY LOAM (MOTTLED - 7.5YR 4/4)
END BORE

BORING NO.1

- 0"- 11" = DARK BROWN FINE SANDY LOAM.(10YR 3/2)
11"- 20" = LIGHT BROWN - TAN FINE SILTY LOAM. (10YR 4/2)
20"- 35" = LT. BRN. TAN FINE - MED. LOAMY SAND (7.5YR 4/4)
35"- 8'-0" = LT. BRN. TAN MED. SAND & ROCKS (7.5YR 4/4)
END BORE

BORING NO.2

- 0"- 8" = DARK BROWN FINE SANDY LOAM.(10YR 3/2)
8"- 21" = LIGHT BROWN FINE SILTY LOAM. (10YR 4/2)
21"- 40" = LT. BROWN TAN FINE SILTY LOAM (7.5YR 4/4)
40"- 58" = LT.BROWN TAN FINE SILTY SAND - LOAM MIXED (7.5YR 4/4)
58"- 60" = LT. BROWN FINE SILTY LOAM (MOTTLED - 7.5YR 4/3)
END BORE

BORING NO.3

- 0"- 6" = DARK BROWN FINE SANDY LOAM.(10YR 3/2)
6"- 26" = LIGHT BROWN FINE SILTY LOAM. (10YR 4/2)
26"-53" = LT.BROWN TAN FINE SILTY LOAM & SILTY SAND (10R 4/4)
- 53"-59" = LT. BROWN FINE SILTY LOAM (MOTTLED - 7.5YR 4/3)
END BORE

BORING NO.4

- 0"- 7" = DARK BROWN FINE SANDY LOAM (10YR 3/2)
7"- 18" = LT. ROWN FINE SILTY LOAM & SAND MIXED (10YR 4/4)
18"- 30" = LT. BROWN FINE LOAMY SAND & GRAVEL (10YR 4/4)
30"- 58" = LT.BROWN FINE SILTY SAND (10YR 4/2)
58"- 60" = LT. BROWN FINE SILTY LOAM (MOTTLED 7.5YR 4/3)
END BORE

RECEIVED
 DEC 12 1997
 HELM

STANDARD SYSTEM DESIGN INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY HEALTH, ENVIRONMENT & LAND MANAGEMENT
 14900 N. 61ST STREET, P.O. BOX 3803, STILLWATER, MN 55082-3803
 612/430-6708 OR 612/430-6656 FAX 612/430-6730

Owner's Name	Steve A Beth Nelson
Inh Site Address	Mannington Downs Add 441 Blk 1 West Lakeland Twp
City or Township	West Lakeland Twp
Use of Building	SFD

Design Flow Rate	750	Perc Rate	40	Land Slope	5% S.E.	Percent
Two Required Tank Sizes	1000 Gallons	1000 Gallons		Lift Station Tank Size		Gallons
Type of System (standard) at grade or bed)						
System Size:	1200	-Square Feet	400	-Lineal Feet	36"	-Trench Width
Depth of rock below pipe	18"			Depth of Rock Above Pipe	2"	
MINimum Depth of Trench From Existing Grade	18"	Inches		MAXimum Depth of Trench From Existing Grade	24"	Inches
Recommended Number of Trenches	6 OR 7			Recommended Length of Trenches	50' - 90'	
Trench Spacing Measured Center to Center					5'	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: <u>Ernie Capra Jr.</u>	PCA Certification # <u>1510</u>
Address <u>4120 Isle Ave N.</u>	Phone # <u>779-9447</u>
Signature <u>E. F. Capra Jr.</u>	Date <u>12-11-97</u>

An Equal Employment Opportunity/Affirmative Action Employer
 If You Need Assistance Due to Disability or Language Barrier, Please Call 430-6708 (or 430-6656 (TDD 439-3220))

SOIL REVIEW/SEPTIC PERMIT APPLICATION

RECEIVED

SEP 08 1997

HELM

Washington County Health, Environment & Land Management
 14900 61st Street N., P.O. Box 3803
 Stillwater, MN 55082-3803 FEE: _____
 430-6708 or 612/430-6656 FAX 612/430-6730

98-97047

Make checks payable to WASHINGTON COUNTY TREASURER (Test Area No. 2)

- | | | |
|---|--|--|
| \$150 - Soil Review Fee (Individual Lot) - | \$100 Base Fee, Plus \$50 Per Lot - Subdivision Fee. - | \$25 - Records Review Fee. |
| \$150 - New Standard Drainfield System Permit Fee. - | \$250 - Mound System Permit Fee - | \$125 - Septic Verification Fee. |
| \$70 - Replacement Standard Drainfield System Permit Fee. - | \$170 - Replacement Mound System Fee. - | \$110 - Modification Of Existing System (Tanks Only) |

Legal Description and Parcel Identification		Mannington Downs Add. - Lot 1 - Blk. 1 - West Lakeland Twp.		97475-2000	
Applicant Cardinal Home Builders Inc. 2297 Stillwater Road St. Paul, Mn. 55119 - 739-8033		Att: Mr. Tom Wiener		Geo: 19-029-20-32-0004 2423 Mannington Ave. N.	
Owner (if different from applicant)	Address	City	Zip	Phone	
Steve & Beth Nelson - Owner	9018 Jasmine St C.G.	55016			
Use of Building: NEW HOME	Number of Bedrooms: ()	Gallons Per Day: ()			
Check the following fixture(s) which are or will be installed: Garbage Disposal _____ Recreational Bathing Facility: (jacuzzi <input checked="" type="checkbox"/> , hot tub _____, etc.)					
New System <input checked="" type="checkbox"/> Approval Only _____ Previously Approved _____ Denied _____ Existing System Repair _____ Existing System Alteration _____ Fill Site _____					
If this site has been previously approved, please attach a copy of the approval letter					
The following exhibits are required as part of this application and shall be attached here to: Percolation Test Reports; Soil Boring Logs; Site Plan drawn to scale showing location of buildings, lot lines, percolation test holes, soil boring holes, proposed location of system and well; One (1) copy of the System Design; and one (1) copy of the Final Building Plan. The house and the drainfield areas must be staked. Inaccurate or incomplete information will result in delays in processing.					
<p>AGREEMENT: The undersigned hereby makes Application for Permit to Install or Extend Sewage Treatment System herein specified, agreeing that all such work shall be done in strict accordance with ordinances and regulations of the County of Washington, Minnesota. Applicant agrees that the Site Plan, Sketches and Design submitted herewith, and which are reviewed by the Washington County Building Official or his agent, together with any requirement and/or restriction made necessary by conditions peculiar to a particular location, shall become a part of the permit. Applicant further agrees to provide access, at reasonable times, to the Building Official or his agent for the purpose of performing inspections required and that no part of the system shall be covered until it has been inspected and accepted. APPLICATION IS FOR AN INSTALLATION AT A SPECIFIC LOCATION; ANY DEVIATION FROM THE APPROVED LOCATION WILL VOID THE PERMIT. It shall be the responsibility of the applicant for the permit to notify the Office of the Building Official that the installation is ready for inspection.</p>					
				<p style="font-size: 1.2em; font-weight: bold;">X <i>Cardinal Home Builders Inc</i> 9/8/97</p> <p style="font-size: 0.8em;">Signature of Applicant (Owner or Builder) Date</p>	

FOR OFFICE USE ONLY

REVIEWS: PLANNER _____ INSPECTOR *P. Gorman* DATE *9/8/97*

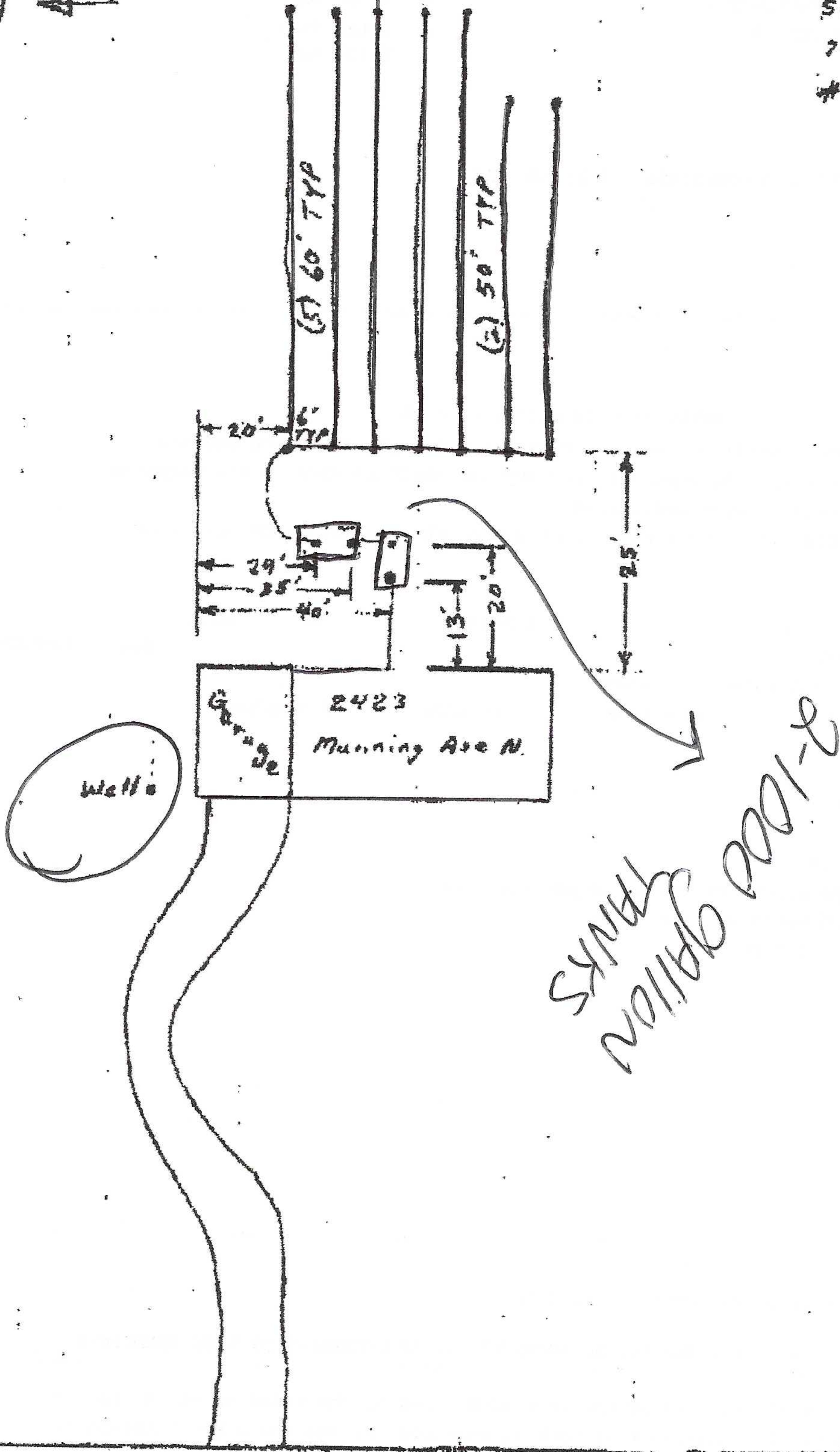
SITE EVALUATION:
 Soil Boring Evaluation: Depth of Water Table, Seasonal Water Table (Mottled Soil), Impervious Layer or Bedrock:
 Soils Map Data: _____ Percolation Test Evaluation: _____
 Setbacks: _____ Required (circle appropriate item(s)) _____ Actual _____

Well (including adjacent property) *50'75'100'150'*
 Wetland, Pond, Lake, Stream, River, or Bluffline *20'40'75'100'150'* CONCLUSIONS: Site Suitable: Site Unsuitable: _____ Additional Tests Required: _____

NOTES:
Lot Size 3.23 acres Year Built _____
additional suitable area to east
Boring at approx 905 contour showed mottle @ 36"
suitable to 910 contour

If You Need Assistance Due to Disability or Language Barrier, Please Call 430-6656 OR 430-6708 TDD 439-3220

Cardinal
Steve Nelson
2423 Manning Ave N.
0017-97067



2-1000 GALLON FRANKS

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.