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:

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: 3403021330004 Reason for Inspection Sale of home

Local regulatory authority info: Washington County

Property address: 9018 & 9020 60TH ST N, CITY OF GRANT

Owner/representative: Steve Nielsen Owner's phone: 651-334-4740

Brief system description: Two - 1000 gallon septic tanks with 1000 gallon pump tank going to seepage bed

System status

System status on date (mm/dd/yyyy): 10/12/2023

☒ **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: *(This document has been electronically signed)* License number: 4137

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: 9018 & 9020 60TH ST N, CITY OF GRANT

Business Name: SS Septic Solutions, LLC. Date: 10/12/2023

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

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:	

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Meyers

License number of maintenance business:

Date of maintenance: 10/12/2023

☐ 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:

Describe verification methods and results:

Tanks in good shape at time of inspection

Property Address: 9018 & 9020 60TH ST N, CITY OF GRANT

Business Name: SS Septic Solutions, LLC. Date: 10/12/2023

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

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: 9018 & 9020 60TH ST N, CITY OF GRANT

Business Name: SS Septic Solutions, LLC. Date: 10/12/2023

5. Soil separation – Compliance component #5 of 5

Date of installation 4/21/2009 *(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	3'
B. Periodically saturated soil/bedrock	6'
C. System separation	3'
D. Required compliance separation*	3'

*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.*

9020

Job: 9018 60th Street North, City of Grant LOG OF SOIL BORINGS

Date: 04-06-09

Depth In Feet	B1	B2	B3	B4
1	dark brown sandy loam topsoil 9 medium to dark	dark brown sandy loam topsoil 11		
2	brown sandy loam-gravel 10yr 4/3 20	dark brown sandy loam 10yr 3/3 21		
3	(Bright) Red brown loamy	(Bright) red brown		
4	sandy-much gravel 5yr 4/3	loamy sand-much gravel 5yr 4/3 48		
5	60			
6				
7				

SOILS #1

FROM BARRY BROWN DESIGN OK by Pete Ganzel 5/5/09

Apr 15 08 03:42p

p.8

Washington County

STANDARD SYSTEM DESIGN
INDIVIDUAL SEWAGE TREATMENT SYSTEM

PUBLIC HEALTH & ENVIRONMENT
14949 62nd Street North, PO Box 6, Stillwater MN 55082-0006
651/430-6688 OR 651-430-6655 FAX 651/430-6730

Owner's Name Robert Hall	Geo Code
Job Site Address 9018 (9020) - 60th St. N.	
City or Township Grant	
Use of Building (2) Single family homes	
Number of Bedrooms total - 3	

Design Flow Rate 450	Perc Rate 8	Landslope 2	Percent
Two Required Tanks Sizes 1000 Gallons	1000 Gallons	Lift Station Tank Size 1000	Gallons
Type of System (standard; at grade, or rockless pipe add 20%) Pressure bed			
System Size 570 -Square Feet 57		-Lineal Feet 10	~~-Trench Width~~ Bed
Depth of rock below pipe 12		Depth of rock above pipe 2	
MINimum Depth of Trench From Existing Grade 15	Inches	MAXimum Depth of Trench From Existing Grade 30 at highest location	Inches
Recommended Number of Trenches 3		Recommended Length of Trenches 57	
Trench Spacing Measured Center to Center 40"			Feet
Any Other Special Conditions Laterals spaced as in a mound bed			

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

This Design **must be accompanied by a site plan** that clearly shows the location of the area tested and approve 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 Woodbine Dr. Woodbury 55125	Phone # 651-735-7321
Signature Barry J Brown	Date 04-10-09

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:	$273.00
Permit Fee:	$283.00
Total Fee:	**$556.00**
Previous Payments	**$556.00**
Balance Due	**$0.00**

Community: Grant
Permit Number: 2700-09-3
Owner: Robert Hall
2209 124th ST
New Richmond WI 54017-
Applicant: Robert Hall

3-60-09

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 #128, Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 9020 60th ST M
Geo Code: 34-030-21-33-0004
Designer: Barry Jonathan Brown

Type of System: Standard Pressure Bed

Design Criteria		Bed Sizing		
Percolation Rate:	8	Square Feet:	570	
Depth To Restriction:	66	Rock Bed Width:	10	Feet
Land Slope:	2.00%	Rock Bed Length:	57	Feet
Flow Rate:	450	Depth of Rock:	12	Inches
Number of Bedrooms:	3	Bed Depth Maximum:	30	Inches
		Bed Depth Minimum:	12	Inches

Tank Sizes

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

Pressure Distribution		
Number Of Laterals:	3	
Perforation Spacing:	3	Feet
Perforation Diameter:	1/4	Inch
Head Size:	1.0	Inch
Total Head:	25.87	
Connection:	End	
Length of Laterals:	55	Feet
Perforations / Lateral:	19	
Total Perforations:	57	
Gallons Per Minute:	42.18	
Lateral Diameter:	2	Inches

Authorized Work/Special Conditions

1. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.

2- min 10' to west lot line

Permit Issue Date: 5/5/2009
Permit Expiration Date: 5/5/2010

P. Ganzel
Pete Ganzel
Senior Environmental Specialist

Property address: 9020 60TH ST N Inspector initials/Date: TT 7-19-14

4. Soil Separation – Compliance component #4 of 5

Date of installation: 2009 ☐ Unknown

Shoreland/Wellhead protection/Food Beverage Lodging? ☐ Yes ☒ No

Compliance criteria:

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
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
"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080.2350 or 7080.2400 (Advanced Inspector License required). 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.

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

☒ Conducted soil observation(s) *(Attach boring logs)*
☐ Two previous verifications (*Attach boring logs*)
☐ Not applicable *(Holding tank(s), no drainfield).*
☐ Unable to verify *(See Comments/Explanation)*
☐ Other *(See Comments/Explanation)*

Comments/Explanation:

B1
8" TOPSOIL 10YR 3/2
23" SICT LOAM 10YR 5/6
39" LOAMY COURSE SAND 10YR 4/
72" MED. SAND 5YR 3/4

Indicate depths of elevations

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

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

5. Operating Permit and Nitrogen BMP* – Compliance component #5 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? ☐ 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. Operating Permit number: _____ 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.

SOILS #2

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.*

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

System Status

System status on date (mm/dd/yyyy): 7-19-14

☒ **Compliant – Certificate of Compliance**
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

☐ **Noncompliant – Notice of Noncompliance**
(See Upgrade Requirements on page 3)

Reason(s) for noncompliance *(check all applicable)*

- ☐ Impact on Public Health *(Compliance Component #1) – Imminent threat to public health and safety*
- ☐ Other Compliance Conditions *(Compliance Component #3) – Imminent threat to public health and safety*
- ☐ Tank Integrity *(Compliance Component #2) – Failing to protect groundwater*
- ☐ Other Compliance Conditions *(Compliance Component #3) – Failing to protect groundwater*
- ☐ Soil Separation *(Compliance Component #4) – Failing to protect groundwater*
- ☐ Operating permit/monitoring plan requirements *(Compliance Component #5) – Noncompliant*

Property Information

Parcel ID# or Sec/Twp/Range: Grant-34.030-21.33.0004

Property address: 902060TH ST N

Reason for inspection: PROPERTY TRANSFER

Property owner: SUSAN HALL

Owner's phone: 715-808-0072

or

Owner's representative:

Representative phone:

Local regulatory authority: WASH. COUNTY

Regulatory authority phone: 651-430-6677

Brief system description: 2,1000 GALLON CONCRETE SEPTIC TANKS, 1000 GALLON

Comments or recommendations: PUMP TANK & DRAINFIELD.

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.

Inspector name: TOM TROOIEN

Certification number: 323

Business name: ALLSTATE SEPTIC SERVICES

License number: 1568

Inspector signature: Tom Trooien

Phone number: 612-594-4496

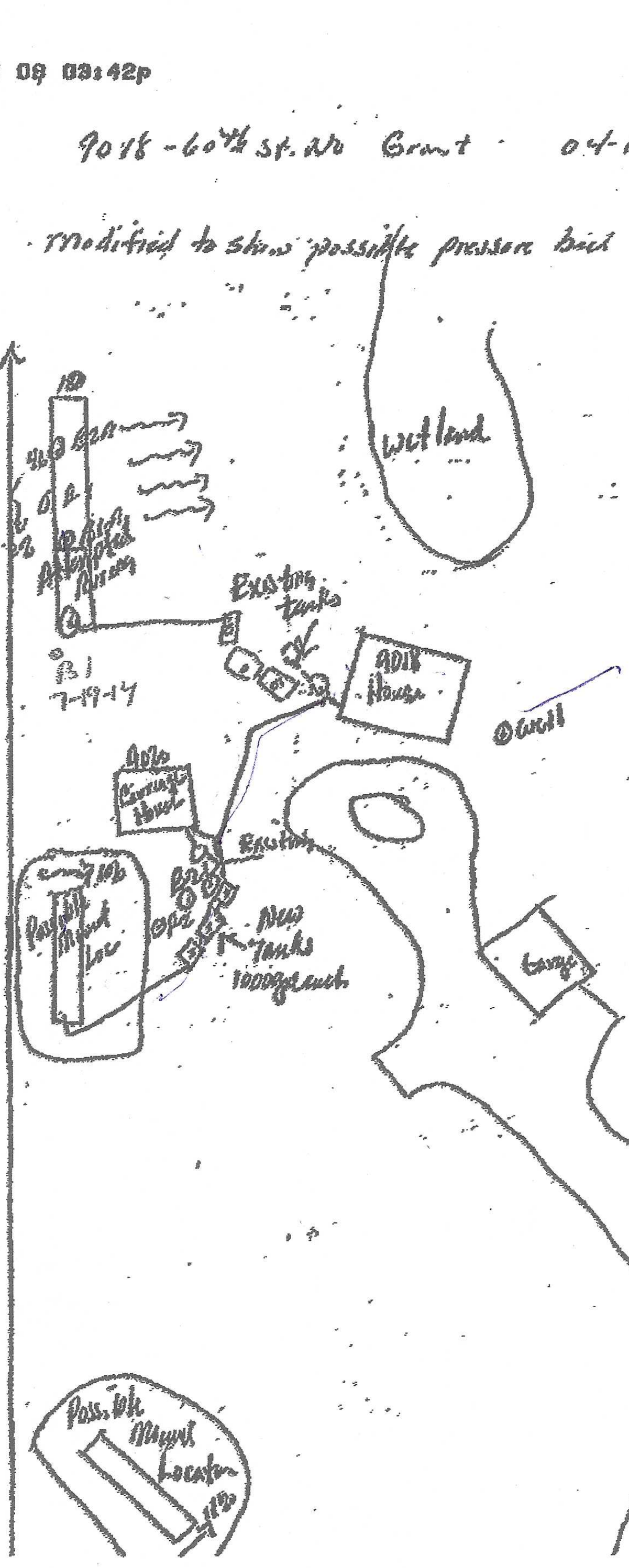
Necessary or Locally Required Attachments

☒ Soil boring logs ☒ System/As-built drawing ☐ Forms per local ordinance

☐ Other information (list):

9018 - 60½ St. NW Grant 04-10-07

modified to show possible pressure line



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.