



**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

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

For local tracking purposes:

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

### System Status

System status on date (mm/dd/yyyy): 8/19/2020

**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: 0202820120029

Property address: 127 QUINLAN AVENUE LAKELAND Reason for inspection: PROPERTY TRANSFER

Property owner: LEGRID MARY E Owner's phone: \_\_\_\_\_

or  
Owner's representative: \_\_\_\_\_ Representative phone: \_\_\_\_\_

Local regulatory authority: WASHINGTON COUNTY Regulatory authority phone: \_\_\_\_\_

Brief system description: 2 1000 GALLON SEPTIC TANKS, 1000-GALLON LIFT TANK AND 750 SQ FT GRAVITY TRENCHES

#### Comments or recommendations:

LIFT PUMP AND ELECTRICAL FOUND TO BE FAULTY AND REPLACED.

### 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: RYAN LASHINSKI Certification number: 3053

Business name: LASHINSKI SEPTIC SERVICE License number: L65

Inspector signature: [Signature] Phone number: 763-434-3915

### Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): \_\_\_\_\_

**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

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

**Comments/Explanation:**

**Verification method(s):**

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- “Black soil” above soil dispersal system
- System requires “emergency” pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

**2. Tank Integrity – Compliance component #2 of 5**

**Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, or leaching pit. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Any “yes” answer above indicates the system is failing to protect groundwater.**

**Comments/Explanation:**

TANKS RECENTLY PUMPED, LIFT PUMP AND ELECTRICAL REPLACED

**Verification method(s):**

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for “black soil”
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

**3. Other Compliance Conditions – Compliance component #3 of 5**

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound.  Yes\*  No  Unknown
- b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety.  Yes\*  No  Unknown  
**\*System is an imminent threat to public health and safety.**

**Explain:**

- c. System is non-protective of ground water for other conditions as determined by inspector.  Yes\*  No  
**\*System is failing to protect groundwater.**

**Explain:**

**4. Soil Separation – Compliance component #4 of 5**

Date of installation: 6/2/1997  Unknown  
(mm/dd/yyyy)

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

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.\*

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

**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:**

**Indicate depths or elevations**

A. Bottom of distribution media	30"
B. Periodically saturated soil/bedrock	<72"
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.**

**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: \_\_\_\_\_  Yes  No  
Have the Operating Permit requirements been met?
- b. Is the required nitrogen BMP in place and properly functioning?  Yes  No

**Any “no” answer indicates Noncompliance.**

**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.



## Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

Address 2127 Quinlan

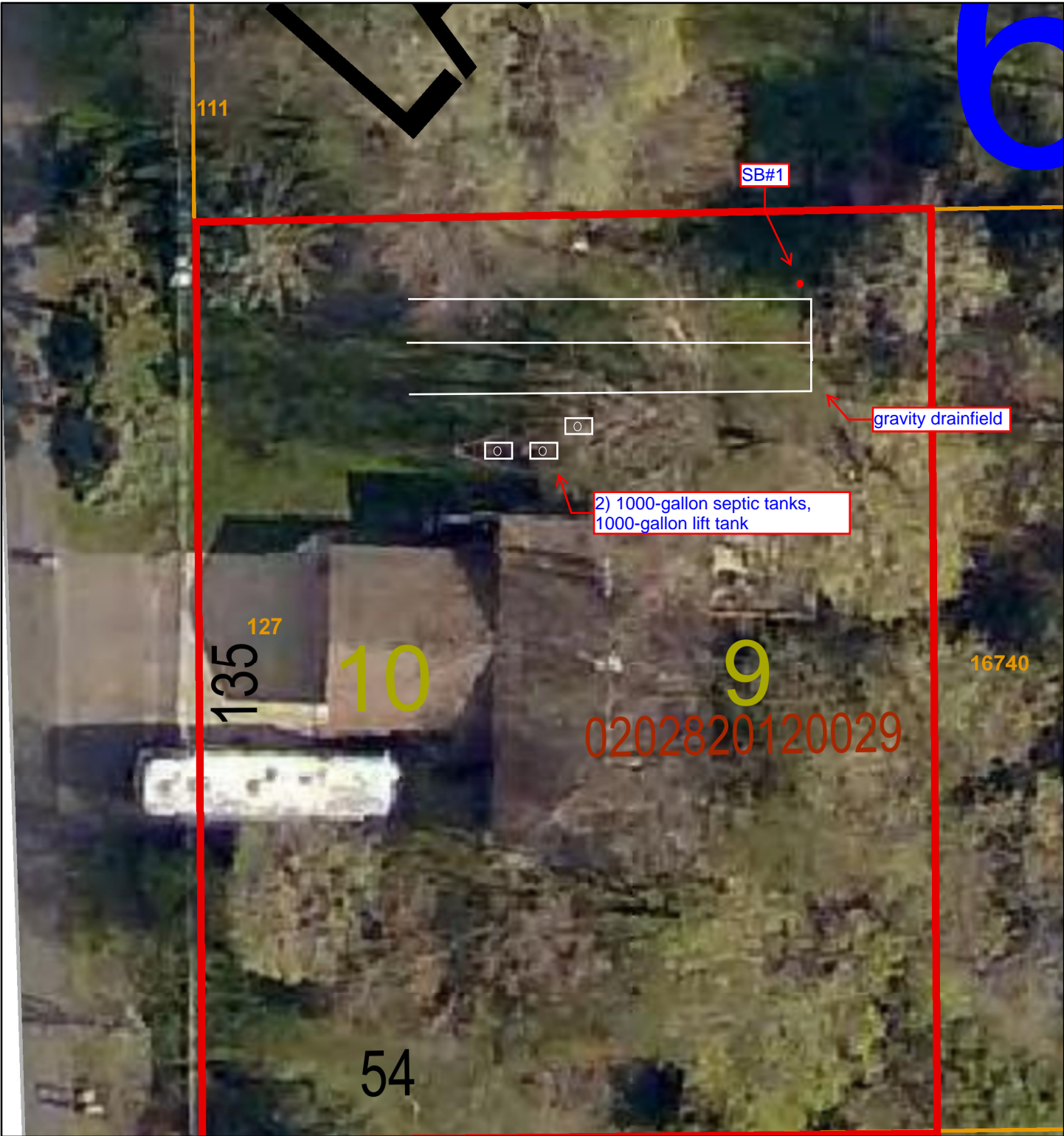
Boring #3 Elevation: 100'10"		Boring #2 Elevation: 100'3"	Boring #3 Elevation:"
0-6	10YR 3/4, 4/4 dark brown loamy fine sand.		
-43	10YR 5/4 fine sand		
-72	10YR 5/4, 5/3 fine/medium sand No redoximorphic mottling observed, soil dry.		

**Sketch:**

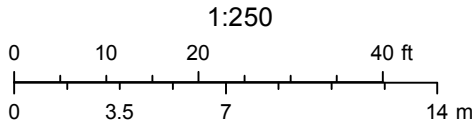
See attached

**Comments:** Benchmark = top of distribution pipe in fourth trench. Assumed elevation = 100'0". Soil boring #1 indicated no redoximorphic mottling at a depth of 72". The system does meet the required 36" vertical separation (31" with the allowable 15% reduction) from seasonally saturated soils. The system consists of two 1000-gallon septic tanks, a 1000-gallon lift tank and 750 sq. ft of gravity trenches w/12" of rock beneath the distribution pipe. The tanks were recently pumped, the baffles were checked and are o.k. The lift pump was replaced as it was found to be inoperable. The liquid level in all three boxes were below normal operating levels. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. Buyers should be aware of the age of this system (23 years). No guarantee can be made on future hydraulic performance, or the performance of system components (pumps, controls, etc.). Changes in use can cause any system, failing or compliant, to become hydraulically overloaded and ultimately fail. Owner/buyer assumes full responsibility for the long-term performance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.

Washington County, MN



August 19, 2020





# STANDARD SYSTEM DESIGN INDIVIDUAL SEWAGE TREATMENT SYSTEM

RECEIVED  
 JUN 04 1997  
 HELM

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	GARY LEGRID
Job Site Address	127 QUINCY AVE S.
City or Township	LAKEWOOD, MN. 55043
Use of Building	S.F.D.

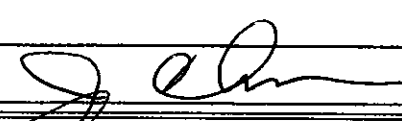
Design Flow Rate	600	Perc Rate	6-15	Land Slope	2	Percent	
Two Required Tank Sizes	1000 Gallons	1000 Gallons		Lift Station Tank Size	1000	Gallons	
Type of System (standard, at grade or bed)	STANDARD						
System Size:	750	-Square Feet	250	-Lineal Feet	3'	-Trench Width	
Depth of rock below pipe	12"			Depth of Rock Above Pipe	2"		
MINimum Depth of Trench From Existing Grade	24" Inches			MAXimum Depth of Trench From Existing Grade	42" Inches		
Recommended Number of Trenches	6			Recommended Length of Trenches	40'		
Trench Spacing Measured Center to Center	7						Feet
Any Other Special Conditions	IF DEPTH OF PIPE FROM HOUSE IS TOO DEEP WILL ADD LIFT STATION						

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	JOE CHAVES	PCA Certification #	815
Address		Phone #	936-1384
Signature		Date	6-2-97

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)