

# C. W. LUNSER COMPANY INC.

Septic Designs ~ Compliance Inspections ~ Operation & Maintenance  
Trouble Shooting ~ Soil Borings ~ Perc Tests ~ Site Evaluations  
Minnesota Pollution Control Agency Licensed and Bonded

St. Cloud Area  
1600 238<sup>th</sup> St  
St. Cloud MN 56301  
Business: (320) 248-2262

"Main Home" (Septic Tank + Chamber Trenches)

Alexandria Area  
2753 Le Homme Dieu Heights NE  
Alexandria MN 56308  
Business & Fax: (320) 763-5577

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: 201031000 Reason for Inspection ? File #: S0600322

Local regulatory authority info: Sherburne County Planning & Zoning Phone: 800-438-0578

Property address: 7180 115th Ave SE Clear Lake MN 55319

Owner/representative: Kristy Lynch & Theresa Starkey Owner's phone: 952-201-4014

Brief system description: This form is the first of three inspection reports for three septic systems on one property. This compliance inspection is for the main home which is chamber trenches.

## System status

System status on date (mm/dd/yyyy): 6/2/2022

**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

On the day that the septic system was inspected it was functioning properly. No warranty or representation is made that the septic system meets all past or current codes or that it will function indefinitely.

Highly recommend 24" dia. maintenance hole cover of 2nd compartment be brought to grade. It's approx. 8" below grade. The 24" dia. maintenance hole cover of the 1st compartment is at grade. Shrubs and small trees were growing around and above the septic tank which were cut down prior the to inspection. No root issues existed. Be sure shrubs and trees do not grow back in the future.

## 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: C. W. Lunser Co., Inc.

Certification number: C2429

Inspector signature: Charles W. Lunser

License number: L966

(This document has been electronically signed)

Phone: 320-248-2262

## 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 Owner Testimonial Statement

# "Main Home" (Septic Tank + Chamber Trenches)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

## 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.*

### Describe verification methods and results:

No surface outlet observed. No evidence of surfacing in yard was present. No back up occurred in the home while water was ran into the system for approximately 1 hour. No excessive ponding effluent was observed over or in the distribution medium. No discolored black/gray soil was observed over the distribution medium. Wastewater was entering only the 1st of four drop boxes during the time water was ran into the system. No wastewater was observed at the ends of all four trenches in the 4" dia. inspection pipes. Property owner stated that no problems have ever occurred with the system such as surfacing, spongy areas, back up into the home, etc. (see "Property Owner Testimonial Statement").

### 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?	<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:	

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

### Describe verification methods and results:

Both compartments of the septic tank were pumped out through the 24" dia. maintenance hole opening(s) by Nelson Sanitation & Rental, Inc.. Normal operating levels were observed at time of inspection with no evidence of high level conditions from the past. High pressure water hose and spot light was used to spray off bottom of tank to inspect for cracks. The 24" dia. maintenance hole cover of the 1st compartment is at grade and the 24" dia. maintenance hole cover of the 2nd compartment is 8" below grade.

### Attached supporting documentation:

- Empty tank(s) viewed by inspector
- Name of maintenance business: Nelson Sanitation
- License number of maintenance business: L854
- Date of maintenance: 6/2/2022
- 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: \_\_\_\_\_

"Main Home" (Septic Tank & Chamber Trenches)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

**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)

"Main Home" (Septic Tank + Chamber Trenches)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

**5. Soil separation – Compliance component #5 of 5**

Date of installation 10/16/2007  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):**

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.

**Indicate depths or elevations**

A. Bottom of distribution media	
B. Periodically saturated soil/bedrock	
C. System separation	>30.6"
D. Required compliance separation*	30.6"

\*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:**

Info above in "Indicate depths or elevations" not required due to "two previous verifications of required vertical separation" exists for this septic system (see attached).

**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.

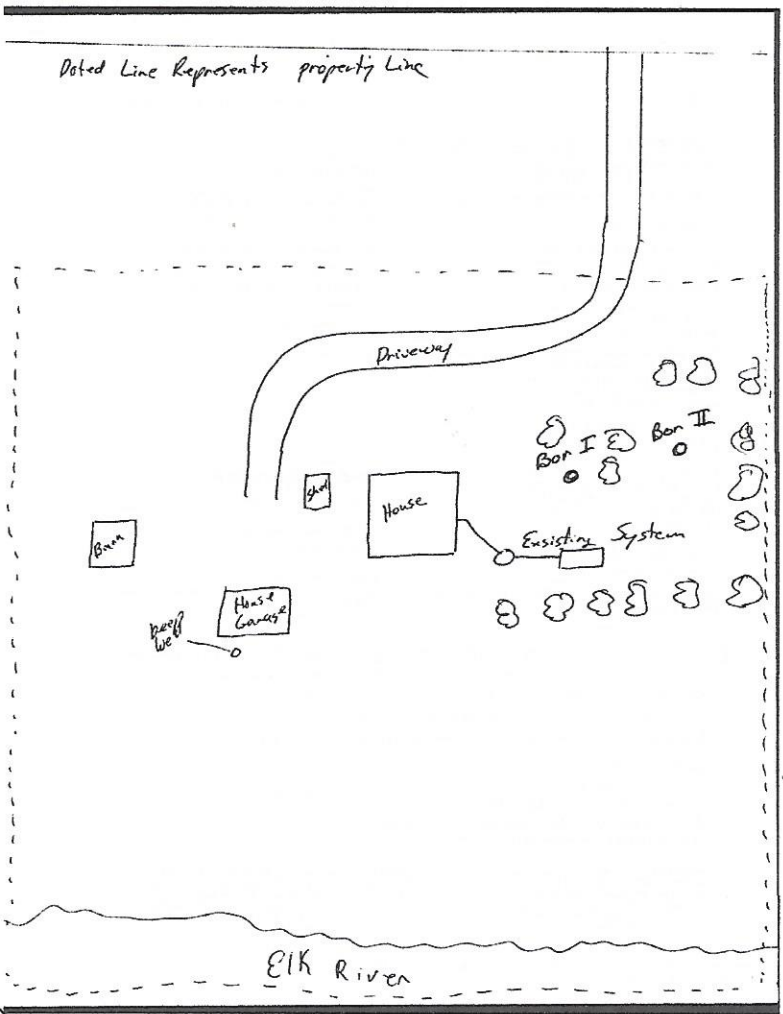
"Main Home"

### BORINGS

BORING NUMBER 1	DEPTH	TEXTURE	VALUE / CHROMA	COLOR	ROOTS
	0 to 7"	Med	Topsoil	Black	YES / NO
	7" to 33"	med-course	6/4 7.5 1/8	Light Brown	YES / NO
	33" to 84"	Course	6/8 7.5 1/8	Reddish Yellow	YES / NO
					YES / NO
					YES / NO

BORING NUMBER 2	DEPTH	TEXTURE	VALUE / CHROMA	COLOR	ROOTS
	0 to 9"	Med	Topsoil	Black	YES / NO
	9" to 34"		6/4 7.5 1/8	Light Brown	YES / NO
	34" to 84"		6/8 7.5 1/8	Reddish Yellow	YES / NO
					YES / NO
					YES / NO

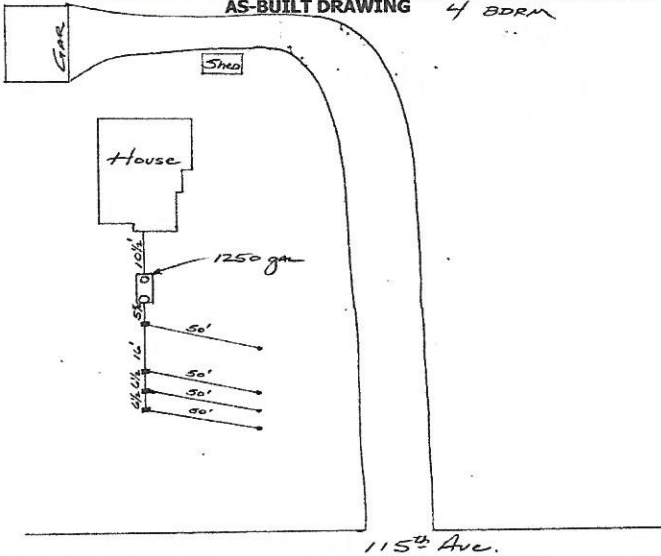
BORING NUMBER 3	DEPTH	TEXTURE	VALUE / CHROMA	COLOR	ROOTS
					YES / NO
					YES / NO
					YES / NO
					YES / NO
					YES / NO



### SHERBURNE COUNTY INSPECTION RECORD

Builder/Homeowner: <u>Sheryl Breed</u>	Permit# <u>39835</u>
ASBUILT	SEPTIC SYSTEM DESIGN
INSTALLER: <u>B+G Excavating</u> LICENSE # <u>#970</u>	DESIGNED BY: <u>Brian Schefer</u> LICENSE # <u>#970</u>
SEPTIC TANK SIZE(S): <u>1250</u>	SEPTIC TANK SIZE(S): <u>1250</u>
PUMP TANK SIZE: <u>N/A</u>	PUMP TANK SIZE: <u>N/A</u>
TYPE OF DRAINFIELD: <u>Trench</u>	TYPE OF DRAINFIELD: <u>Trench</u>
# DROP BOXES/TRENCHES: <u>4-50'</u>	# DROP BOXES/TRENCHES: <u>4-50'</u>
SIZE OF BED/TRENCHES: <u>3 ft. x 200 ft. = 600 sq ft.</u>	SIZE OF BED/TRENCHES: <u>3 ft. x 200 ft. = 600 sq ft.</u>
ROCK DEPTH:	ROCK DEPTH: <u>6" or chambers</u>
CHAMBER HEIGHT: <u>Standard 4'</u>	CHAMBER HEIGHT:
DEPTH TO BOTTOM OF DRAINFIELD:	DEPTH TO MOTTLLED SOIL: <u>&gt; 7'</u>
MAXIMUM DEPTH ALLOWED BY DESIGN: <u>4' max</u>	DEPTH OF DRAINFIELD: <u>4' max</u>
INSPECTED BY: <u>DJA</u> DATE: <u>10/16/07</u>	REVIEWED BY: <u>DJA</u> DATE: <u>10/16/07</u>

AS-BUILT DRAWING 4 BDRM

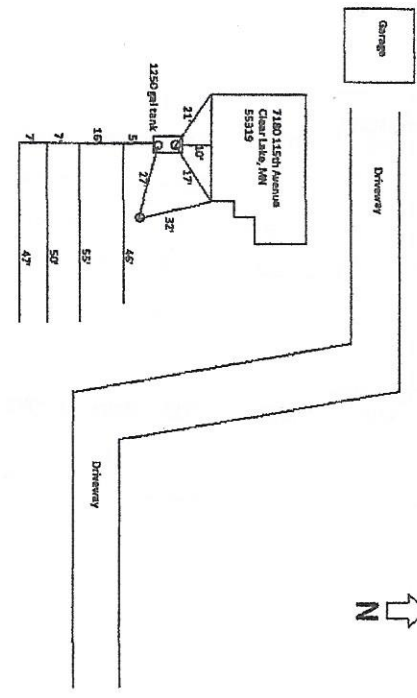


Soil Boring #1 From time of install for "Main Home"

Property address: 7180 115th Ave, Clear Lake, MN 55319 Inspector Initials/Date: JK | 2/27/2017

4. Soil Separation - Compliance component #4 of 5

Form for Soil Separation compliance, including date of installation (10/16/2007), verification methods (Conducted soil observation), and compliance criteria for systems built prior to April 1, 1996.



5. Operating Permit and Nitrogen BMP - Compliance component #5 of 5

Form for Operating Permit and Nitrogen BMP compliance, including questions about operating permits and BMPs, and compliance criteria.

Upgrade Requirements (Minn. Stat. § 114.05) An imminent threat to public health and safety (TPHS) must be upgraded, replaced, or its use discontinued...

Table with columns for Depth (in), Texture, Rock Frag. %, Moisture Content, and Soil Structure. Includes handwritten notes and signatures.

UNIVERSITY OF MINNESOTA OSTP Soil Observation Log Project ID: 2930

Soil Boring #2 From Compliance Inspection "Main Home"

# C. W. LUNSER COMPANY INC.

Septic Designs ~ Compliance Inspections ~ Operation & Maintenance  
Trouble Shooting ~ Soil Borings ~ Perc Tests ~ Site Evaluations  
Minnesota Pollution Control Agency Licensed and Bonded

St. Cloud Area  
1600 238<sup>th</sup> St  
St. Cloud MN 56301  
Business: (320) 248-2262

"Apartment Above Garage" (Septic Tank & seepage bed)

Alexandria Area  
2753 Le Homme Dieu Heights NE  
Alexandria MN 56308  
Business & Fax: (320) 763-5577

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: 201031000 Reason for Inspection ? File #: S0600322

Local regulatory authority info: Sherburne County Planning & Zoning Phone: 800-438-0578

Property address: 7180 115th Ave SE Clear Lake MN 55319

Owner/representative: Kristy Lynch & Theresa Starkey Owner's phone: 952-201-4014

Brief system description: This form is the second of three inspection reports for three septic systems on one property. This compliance inspection is for the apartment above the garage which is a seepage bed.

## System status

System status on date (mm/dd/yyyy): 6/2/2022

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

On the day that the septic system was inspected it was functioning properly. No warranty or representation is made that the septic system meets all past or current codes or that it will function indefinitely.

## 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: C. W. Lunser Co., Inc.

Certification number: C2429

Inspector signature: Clayton W. Lunser  
(This document has been electronically signed)

License number: L966

Phone: 320-248-2262

## 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 Owner Testimonial Statement

# "Apartment Above Garage" (Septic Tank & Seepage Bed)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

## 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.

### Describe verification methods and results:

No surface outlet observed. No evidence of surfacing in yard was present. No back up occurred in the home while water was ran into the system for approximately 1 hour. Dug down to top of drainfield rock and no excessive ponding effluent was observed over or in the distribution medium. No discolored black/gray soil was observed over the distribution medium. Property owner stated that no problems have ever occurred with the system such as surfacing, spongy areas, back up into the home, etc. (see "Property Owner Testimonial Statement").

### 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?	<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:	

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

### Describe verification methods and results:

The septic tank was pumped out through the 24" dia. maintenance hole opening by Nelson Sanitation & Rental, Inc.. Normal operating levels were observed at time of inspection with no evidence of high level conditions from the past. High pressure water hose and spot light was used to spray off bottom of tank to inspect for cracks.

### Attached supporting documentation:

- Empty tank(s) viewed by inspector
  - Name of maintenance business: Nelson Sanitation
  - License number of maintenance business: L854
  - Date of maintenance: 6/2/2022
- 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: \_\_\_\_\_



"Apartment Above Garage" (Septic Tank + Seepage Bed)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

**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)

# "Apartment Above Garage" (Septic Tank + Seepage Bed)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

## 5. Soil separation – Compliance component #5 of 5

Date of installation 10/15/1987  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	90.10
B. Periodically saturated soil/bedrock	<87.55
C. System separation	>2.55'
D. Required compliance separation*	2.55'

\*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:**

1. Determined depth from surface to bottom of distribution medium or bottom of distribution medium elevation.
2. Conducted soil observations outside the the absorption area to determine depth to periodically saturated soil/bedrock from surface or determine elevation to periodically saturated soil/bedrock.

**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.

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**Septic Designs ~ Compliance Inspections ~ Operation & Maintenance Trouble Shooting ~ Soil Borings ~ Perc Tests ~ Site Evaluations**  
**Minnesota Pollution Control Agency Licensed and Bonded**

St. Cloud Area  
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 St. Cloud MN 56301  
 Business: (320) 248-2262  
 Email: clunser@hotmail.com

Alexandria Area  
 2753 Le Homme Dieu Heights NE  
 Alexandria MN 56308  
 Business & Fax: (320) 763-5577

Soil Observation Log # 1

File #: S0600322

Client:		Kristy Lynch & Theresa Starkey						Parcel Number: 201031000		
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	----- Structure-----			
							Shape	Grade	Consistence	
00-17	Loamy Sand	0-15%	10YR 2/2							
17-42	Loamy Sand	0-15%	10YR 3/3							
42-56	Sand	0-15%	10YR 4/4							
56-72	Coarse Sand	0-15%	10YR 4/4							
Comments: Very moist to wet @ 66" and standing water in the hole @ 72" (extremely wet time of the year due to recent heavy rain falls)										

Soil Observation Log # 2

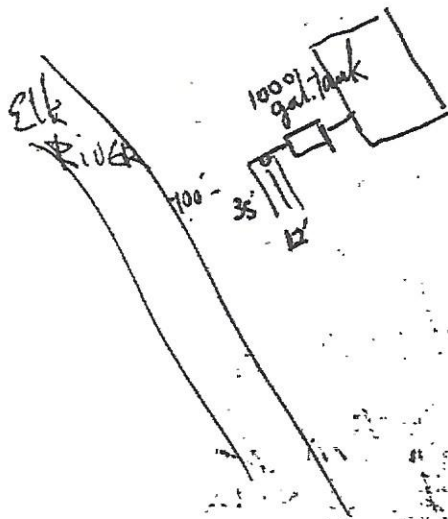
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	----- Structure-----		
							Shape	Grade	Consistence
00-06	Loam	0-15%	10YR 2/1						
06-24	Loamy Sand	0-15%	10YR 2/2						
24-48	Loamy Sand	0-15%	10YR 3/3						
48-66	Coarse Sand	0-15%	10YR 4/4						
66-72	Coarse Sand	0-15%	10YR 4/4	7.5YR 5/6 & 7.5YR 6/2 @ 66"					

Comments: Redox. Features observed @ 66"

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

C. W. Lunser Co., Inc.	<i>Clayton W. Lunser</i>	2429	6/2/2022
(Site Evaluator:)	(Signature)	(Cert: #)	(Date)

"Apartment Above Garage"



I inspected the system on Oct 15, 1987. It included a 1000 gallon tank, dist box and 12' x 35' drainfield.

OK BJB

# C. W. LUNSER COMPANY INC.

Septic Designs ~ Compliance Inspections ~ Operation & Maintenance  
Trouble Shooting ~ Soil Borings ~ Perc Tests ~ Site Evaluations  
Minnesota Pollution Control Agency Licensed and Bonded

St. Cloud Area  
1600 238<sup>th</sup> St  
St. Cloud MN 56301  
Business: (320) 248-2262

"She Shack" (Holding Tank)

Alexandria Area  
2753 Le Homme Dieu Heights NE  
Alexandria MN 56308  
Business & Fax: (320) 763-5577

**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: 201031000 Reason for Inspection ? File #: S0600322  
Local regulatory authority info: Sherburne County Planning & Zoning Phone: 800-438-0578  
Property address: 7180 115th Ave SE Clear Lake MN 55319  
Owner/representative: Kristy Lynch & Theresa Starkey Owner's phone: 952-201-4014  
Brief system description: This form is the third of three inspection reports for three septic systems on one property. This compliance inspection is for the "She Shack" which is a holding tank.

## System status

System status on date (mm/dd/yyyy): 6/2/2022

**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

On the day the holding tank was inspected it was functioning but due to apparent settling in septic pipe between the "She Shack" & holding tank wastewater is not flowing into tank properly. Owner stated pipe has froze several times. HIGHLY RECOMMEND THAT THE SEPTIC PIPE BE REINSTALLED SO THAT A CONSISTANT SLOPE EXISTS TO ALLOW THE WASTEWATER TO FLOW INTO THE TANK AND NOT POND IN THE SEPTIC PIPE. A high level alarm float was installed in the holding tank but owner knows nothing of a HLA sound device or where it was wired to if at all. Highly recommend that a high level alarm be installed.

## 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: C. W. Lunser Co., Inc.

Certification number: C2429

Inspector signature: Clayton W Lunser  
(This document has been electronically signed)

License number: L966

Phone: 320-248-2262

## 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 Owner Testimonial Statement

"She Shack" (Holding Tank)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

**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.*

**Describe verification methods and results:**

Note: On the day the holding tank was inspected the wastewater would flow into the tank but due to apparent settling in the pipe it was observed that the flow was not consistent when ran into the tank from the "She Shack". Backup could occur if water using habits cause many solids/toilet paper to be flushed or if pipe freezes which owner stated has happened several times in the past.

HIGHLY RECOMMEND THAT THE SEPTIC PIPE BE REINSTALLED SO THAT A CONSISTANT SLOPE EXISTS TO ALLOW THE WASTEWATER TO FLOW INTO THE TANK AND NOT POND IN THE SEPTIC PIPE.

**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?	<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:	

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

**Describe verification methods and results:**

The holding tank was pumped out through the 24" dia. maintenance hole opening(s) by Nelson Sanitation & Rental, Inc.. High pressure water hose and spot light was used to spray off bottom of tank to inspect for cracks. Shrubs and small trees were growing around and above the septic tank which were cut down prior the to inspection. No root issues existed. Be sure shrubs and trees are not growing back in the future.

A high level alarm float was installed in the holding tank but owner knows nothing of a HLA sound device or where it was wired to if at all. Highly recommend that a high level alarm be installed.

**Attached supporting documentation:**

- Empty tank(s) viewed by inspector
- Name of maintenance business: Nelson Sanitation
- License number of maintenance business: L854
- Date of maintenance: 6/2/2022
- 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: \_\_\_\_\_

"Sue Shack" (Holding Tank)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

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)

"She Shack" (Holding Tank)

Property Address: 7180 115th Ave SE Clear Lake MN 55319

Business Name: C. W. Lunser Co., Inc.

Date: 6/2/2022

**5. Soil separation – Compliance component #5 of 5**

Date of installation no record at county  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):**

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.

**Indicate depths or elevations**

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

\*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:**

Not applicable. Holding tank only and no soil treatment area.

**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.



BM=106.00 (Assumed)

Top Concrete Patio Slab @  
Nearly Corner of Garage

Holding Tank for "She Shack"

Approx 1500 Gal (no county inspection report)

1000 Gal Septic Tank for "Apartment Above Garage"  
with 12' x 35' drain field per county records

Soil Boring #2

Surface EI= 92.90

Restrictive Soil EI= 87.40

Bottom Rock EI= 90.10 (28" below grade)

Approximate Drilled Well Location

Soil Boring #1

Surface EI= 92.50

Restrictive Soils EI= 87.00

H2O River EI= 83.40 (Extremely high due to recent  
heavy rain fall)

High water mark EI= 84.70 +/- (from flood estimate)

Approx 1500 Gal, compartmentalized Septic Tank  
inspected (1250 Gal single compartment per county  
records) for main house with four trenches  
50' long of chambers per county records



# Property Owner Testimonial Statement

In Regards to the septic system at the address of:

7180 115th Ave Clear Lake MN 55319

(Enter your address above)

Property Tax I.D. #: 201031000

Please answer the following questions:

1. Has your septic system ever backed up wastewater into the structure?

Yes \_\_\_\_\_

No X \_\_\_\_\_

2. Have you ever had wastewater (effluent) from your septic system surfacing or ponding or had spongy areas over the absorption area (drain field area)?

Yes \_\_\_\_\_

No X \_\_\_\_\_

3. Do you have more than one sewer outlet leaving this structure connected to a separate septic system or other structures on this property that generate wastewater and have a sewer outlet with a separate septic system?

Yes X \_\_\_\_\_


No \_\_\_\_\_

4. Were any other water supply well(s) installed on this property since the septic system was installed?

Yes \_\_\_\_\_

No X \_\_\_\_\_

I certify that the above statements are true and correct.



Signature

6/2/22

Date

Theresa Starkay

Print Name

Explanations on answers above if needed: \_\_\_\_\_

Current Address (if different than above)

5050 London Rd. Duluth MN 55804

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We have 3 septic systems. One for main house with tank + drain field. One for apartment above the garage with tank + drain field. Finally, one for the Shed with just a holding tank, no drain field. No other septic systems exist on the property. TCS.