

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: 24-0-040411 Reason for Inspection: ADDITION

Local regulatory authority info: AITKEN COUNTY P+Z

Property address: 30227 OAK AVE AITKEN

Owner/representative: BRIAN BAKER Owner's phone: _____

Brief system description: EXISTING SYSTEM - 1860 COMBO
15' x 51' ROCKBED

System status

System status on date (mm/dd/yyyy): _____

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.

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.

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

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: LILJENQUIST SEWER + EXC. Certification number: 287

Inspector signature: Larry Lyngard License number: 127
(This document has been electronically signed) Phone: 218 870 8886

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: 30227 OAK AVE
Business Name: LILJENQVIST SEWER Date: 4-4-24

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:

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 type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes* <input 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:

TIMBERLAKES

Attached supporting documentation:

- Empty tank(s) viewed by inspector
Name of maintenance business: _____
License number of maintenance business: _____
Date of maintenance: _____
- 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: _____

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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

**Yes to 3a or 3b - System is an imminent threat to public health and safety.*

**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)

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 Business Name: LILJENGVIST SEWER

Date: 4-4-24

5. Soil separation – Compliance component #5 of 5

Date of installation 10-8-07 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	98.5 - 18'
B. Periodically saturated soil/bedrock	95.5 - 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:

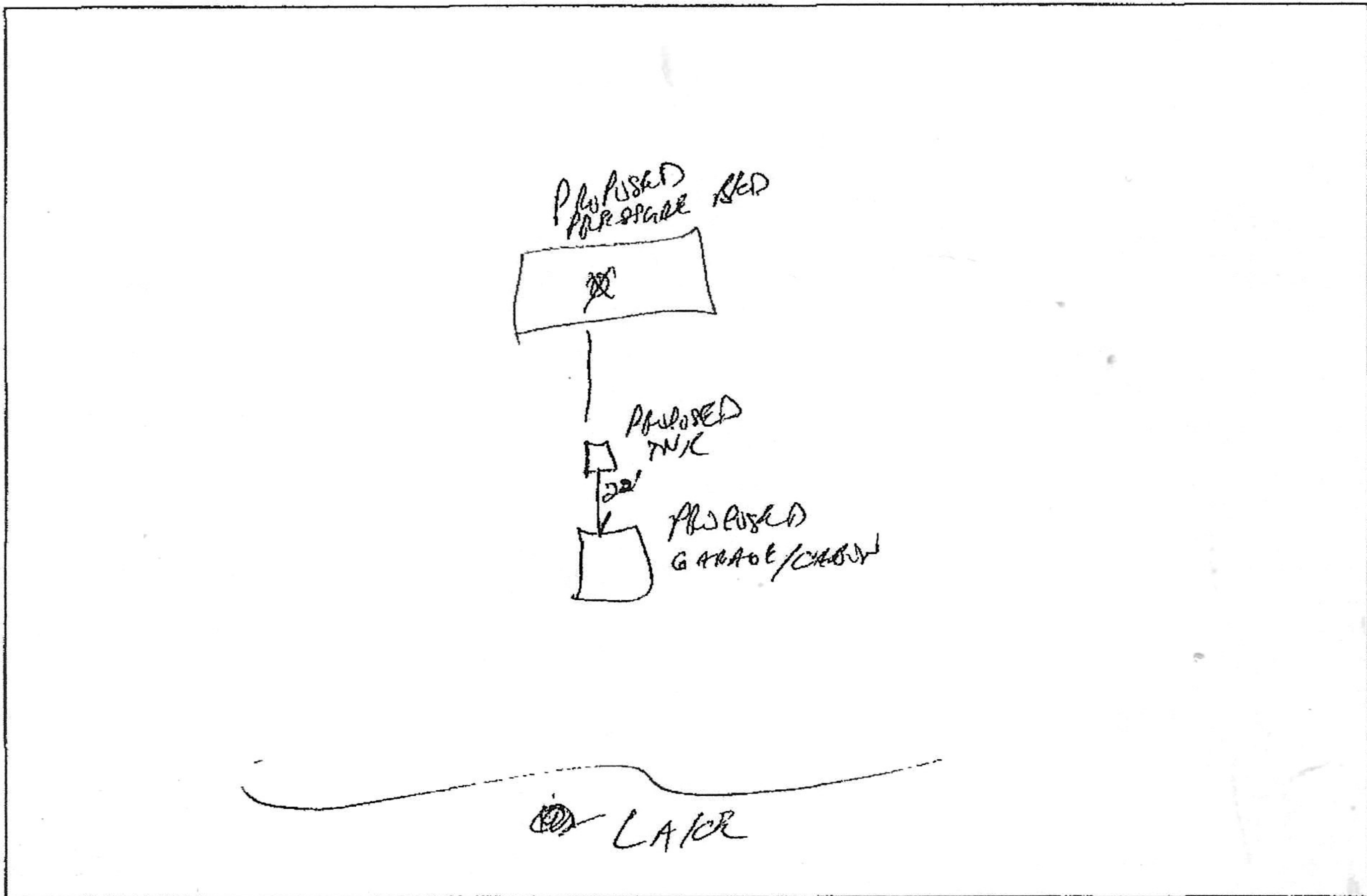
Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, 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.

SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES

1 (PROPOSED) SOILS DATA			2 (PROPOSED) SOILS DATA		
DEPTH (INCHES)	TEXTURE	MUNSELL COLOR	DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-10"	Topsoil		0-5"	Topsoil	
10"-27"	Sandy Loam	10YR4/4	5"-25"	Sandy Loam	10YR4/4
27"-61"	Sand	10YR5/4	25"-66"	Sand	10YR5/4
61"-66"	Sand	10YR5/2			
Mottled at 61"			No mottling observed		
1 (ALTERNATE) SOILS DATA			2 (ALTERNATE) SOILS DATA		
DEPTH (INCHES)	TEXTURE	MUNSELL COLOR	DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-5"	Topsoil		0-4"	Topsoil	
5"-27"	Sandy Loam	10YR4/4	4"-28"	Sandy Loam	10YR4/4
27"-66"	Sand	10YR5/4	28"-66"	Sand	10YR5/4
No mottling observed			No mottling observed		
ADDITIONAL SOIL BORINGS MAY BE REQUIRED					

SOIL BORING LOG #1			SOIL BORING LOG #2		
DEPTH	TEXTURE	COLOR	DEPTH	TEXTURE	COLOR
0.4"	TOP SOIL				
5" - 60"	SAND				
	NO MATTER @ 60"				

IDENTIFY LOCATIONS OF: (BORINGS, NEIGHBORING STRUCTURES, WELLS, DRAINFIELDS, DRAINAGE PATTERNS, OR OTHER FEATURES THAT MAY IMPACT THE SITE).



**INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA**

Township Nordland Date of Inspection 10-8-02 Permit Number 29188
 Owner Brian Baker Parcel Number 240-040411
 Project Address Pt 0004 Lot 5 (Tract A) Installer Ed Liljenquist
 City Aitkin Zip Code 56431 New Repair

DIST. or DROP BOX & TYPE _____

SETBACKS:

Buildings to tank(s) 24
 Buildings to drainfield 109'
 Well(s) 50' or 100' No installed
 Lake/Creek/Wetland 165 to structure

SEPTIC TANKS:

Liquid capacity 1230
 Manufacturer & type Jacobson
 Type of baffle Fiberglass
 Inspection pipes 1 @ 6" 1 @ 4"
 Manholes access 2 @ 26"
 No. & height of risers 2 @ 20"

MOUNDS:

Percent slope 0-2%
 Upslope dike width _____
 Downslope dike width _____
 Sideslope dike width _____
 Drainfield rock below pipe 9"
 Depth of sand below rock N/A
 Perforation size & spacing 1/4 @ 3'
 Pipe size & spacing 1 1/2"
 Dimensions of rock bed 15 x 50.8'
 Dimensions of sand base N/A
 Final cover N/A

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Trench depth 21"
 Trench length 50.8
 Trench bottom width 15
 Trench bottom level yes
 Trench spacing N/A
 Drainfield rock below pipe 9"
 Size of gravelless pipe N/A
 Depth of backfill 10"
 Absorption area: square feet 762 sq ft
 lineal feet _____

PUMPS:

Tank capacity 630
 Tank manufacturer & type Jacobson
 No. & height of risers 2 @ 26"
 Pump manufacturer & model# 98 Zoexer
 Horsepower & GPM 1/2 HP
 Feet of head 16
 Cycles per day 6
 Gallons per cycle 80 gal/day
 Size of discharge line 2"
 Type of electrical hookup Post
 Type & location of alarm in filter basket, Level alarm
 Cycle counter (commercial) N/A

SOIL PT

DRAWING OF SYSTEM

Soil Pt #1
 0-4 10yr 3/2 sand/loam
 4-11 10yr 4/3 loam
 11-22 10yr 4/4 sand
 22-24 7.5yr 4/4 sand

