



100709000

**Minnesota Pollution  
Control Agency**

520 Lafayette Road North  
St. Paul, MN 55155-4194

**Compliance Inspection Form**  
**Existing Subsurface Sewage Treatment System**  
**(SST)**

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:

**RECEIVED**

**APR 24 2020**

**ZONING**

**System Status**

System status on date (mm/dd/yyyy): 04/16/20

☒ **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: 100709000

Property address: 21864 NE Pickeral

Reason for inspection: County request

Property owner: Robert J. Larson

Owner's phone: \_\_\_\_\_

Owner's representative: \_\_\_\_\_

Representative phone: \_\_\_\_\_

Local regulatory authority: Becker County Zoning

Regulatory authority phone: 218-847-7314

Brief system description: septic tank, lift station & mound

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.

Inspector name: Richard Vareberg

Certification number: \_\_\_\_\_

Business name: Vareberg Backhoe Service

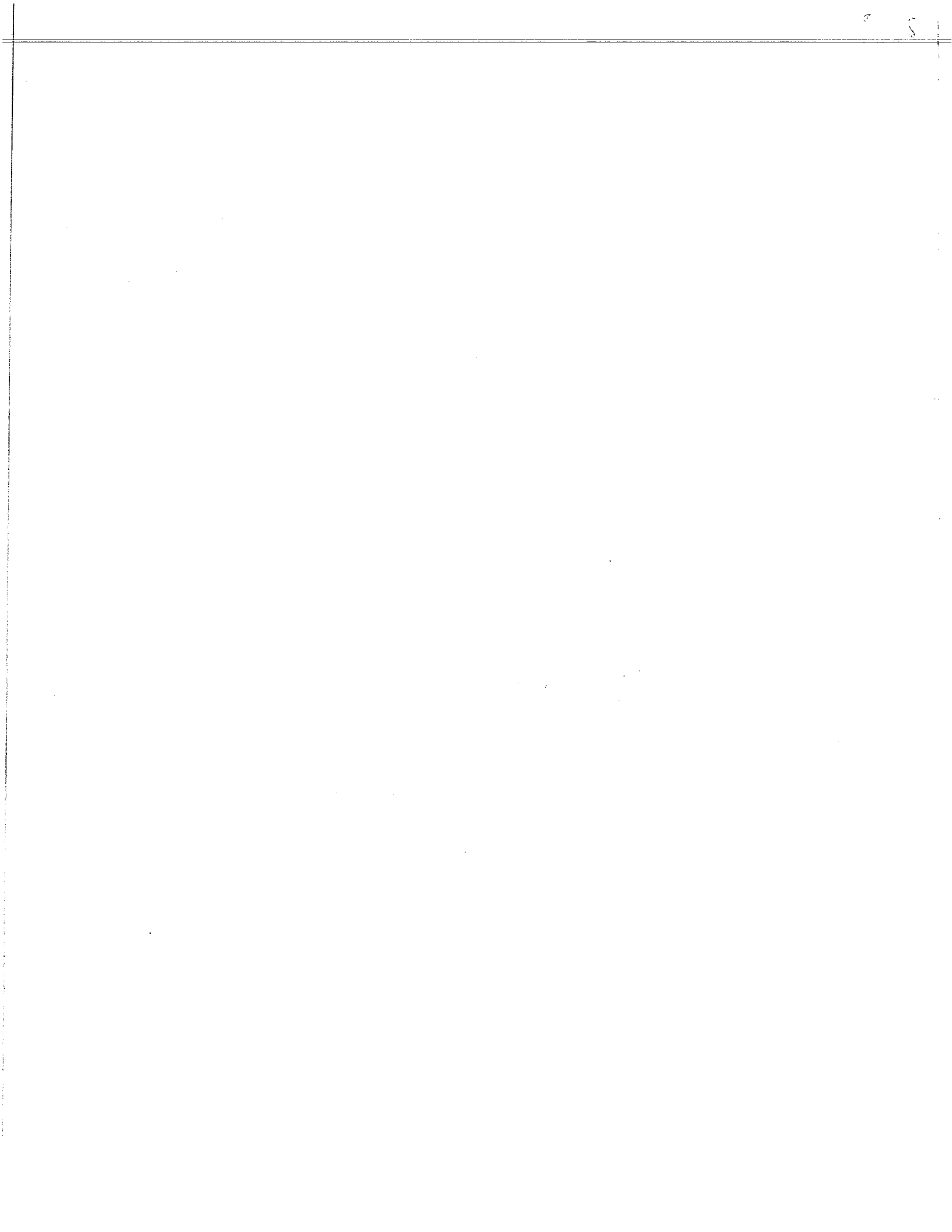
License number: 1910

Inspector signature: [Signature]

Phone number: 218-847-7372

**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:

#### 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: \_\_\_\_\_ ☒ 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.

**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:****Indicate depths or elevations**

A. Bottom of distribution media	+ 1'
B. Periodically saturated soil/bedrock	> 2'
C. System separation	> 3'
D. Required compliance separation*	3'

\*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: \_\_\_\_\_ ☐ 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 falling 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.



Becker County Planning & Zoning  
835 Lake Ave, P O Box 787  
Detroit Lakes, MN 56502-0787  
Phone (218)-846-7314; Fax (218)-846-7266

Onsite Septic System Site Evaluation/Design

1. PROPERTY DATA (as it appears on the tax statement)

Parcel Number(s) of property system will be installed R100709000  
(if parcel is a new split and a parcel number has not yet been issued, indicate the main parcel number from which the new parcel has been split from)

Section 4 Township 139 Range 40 Township Name Erie

Lake Name Pickeral Lake Classification RD

Legal Description: \_\_\_\_\_

Project Address: 21864 NE Pickeral Lake Rd

2. PROPERTY OWNER INFORMATION (as it appears on the tax statement, purchase agreement or deed).

Owner's First Name Robert Larson Owner's Last Name Larson

Mailing Address 1329 7th St S, City, State, Zip Fargo ND 58103

Phone Number \_\_\_\_\_

3. DESIGNER/INSTALLER INFORMATION

Designer Name Richard Vareberg Company Name Vareberg Backe License # 1910

Address 22344 Co Rd 104 Phone Number 847-7372 849-2177

Installer Name Same Company Name \_\_\_\_\_ License # \_\_\_\_\_

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

4. SYSTEM DESIGN INFORMATION

Date of Site Evaluation 6-11-06

EXISTING SYSTEM STATUS - Check One

- ☒ No existing system-new structure  
☐ Cesspool/Seepage  
☐ Failing (other than cesspool)  
☐ Undersized  
☐ Replacement or repair to existing

What will new system serve? Check one

- ☒ Dwelling  
☐ Resort/Commercial  
☐ Commercial (non resort)  
☐ Other - explain below

Design Flow 600 Gallons Per Day

Number of Bedrooms 4

Garbage Disposal Yes ☒ No

Grinder Pump in House Yes ☒ No

Lift station in House Yes ☒ No

Well Depth >50

Depth of other wells within

100 ft of system None

Original Soil ☒ Compacted Soil \_\_\_\_\_

Type of Soil Observation

\_\_\_\_ Pit \_\_\_\_ Probe ☒ Boring

Depth to Restricting Layer 28

Maximum Depth of System ~12"

Size of All Tanks to  
Be installed  
1000 gal Septic Tank  
500 gal Lift Station  
gal Holding Tank  
gal Other Tanks

Type of Drainfield Medium  
to be used  
Chamber  
H10 EQ36  
☒ Drainfield Rock  
Rock Depth  
Gravelless  
Experimental  
No Drainfield

Type of Alarm ST Electro  
Size of Lift Pump 1/4 hp  
Size of Lift Line 2

Type of Drainfield to be installed  
Trench  
At-grade  
Pressure Bed  
Seepage Bed  
☒ Mound  
Size of Drainfield sq ft to be installed  
500 sq ft  
sq ft  
sq ft  
sq ft  
sq ft

SETBACKS  
TANK DRAINFIELD  
Distance to Well >56 >75  
Distance to Building >10 >50  
Distance to Property Line >10 >10  
Distance to OHW >84" >84"  
Distance to Pressure Line >20 >20

Perc Rate 16 Soil Sizing Factor 1.67 \*If SSF other than .83, attach Perc Test Data

Depth	Texture	Color	Structure	Depth	Texture	Color	Structure
1-2	TOP Soil	10YR 2/1	Blocky	1-6	TOP Soil	10YR 2/1	Blocky
2-18	Sandy Loam	10YR 5/2	Blocky	6-21	Sandy Loam	10YR 5/3	Blocky
18-24	Loam	10YR 5/1	Block	2-26	Loam	10YR 4/2	Blocky

##### 5. DESIGNER'S CERTIFIED STATEMENT

I, Richard Vareberg certify that I have completed the preceding design work in accordance with all applicable requirements (including, but not limited to Minnesota Chapter 7080 and the Becker County Individual Sewage Treatment System Ordinance).

[Signature]  
Signature of Designer

8-22-06  
Date

\*\*\*\*\* FOR OFFICE USE ONLY \*\*\*\*\*  
Application Approved by: [Signature] Date: 8-23-06  
Amount Paid 100.00 Receipt Number \_\_\_\_\_ Permit Number \_\_\_\_\_

##### CERTIFICATE OF COMPLIANCE

( ) Certificate Is Hereby Denied  
(X) Certificate is Hereby Granted Based upon the Application, addendum from, plans, specifications and all other supporting data. With property maintenance, this system can be expected to function satisfactory, however, this is not a guarantee.

[Signature] ISTS Inspector 9/6/06  
Signature Title Date  
(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)  
Date System Installed 9/6/06 Inspected by [Signature]

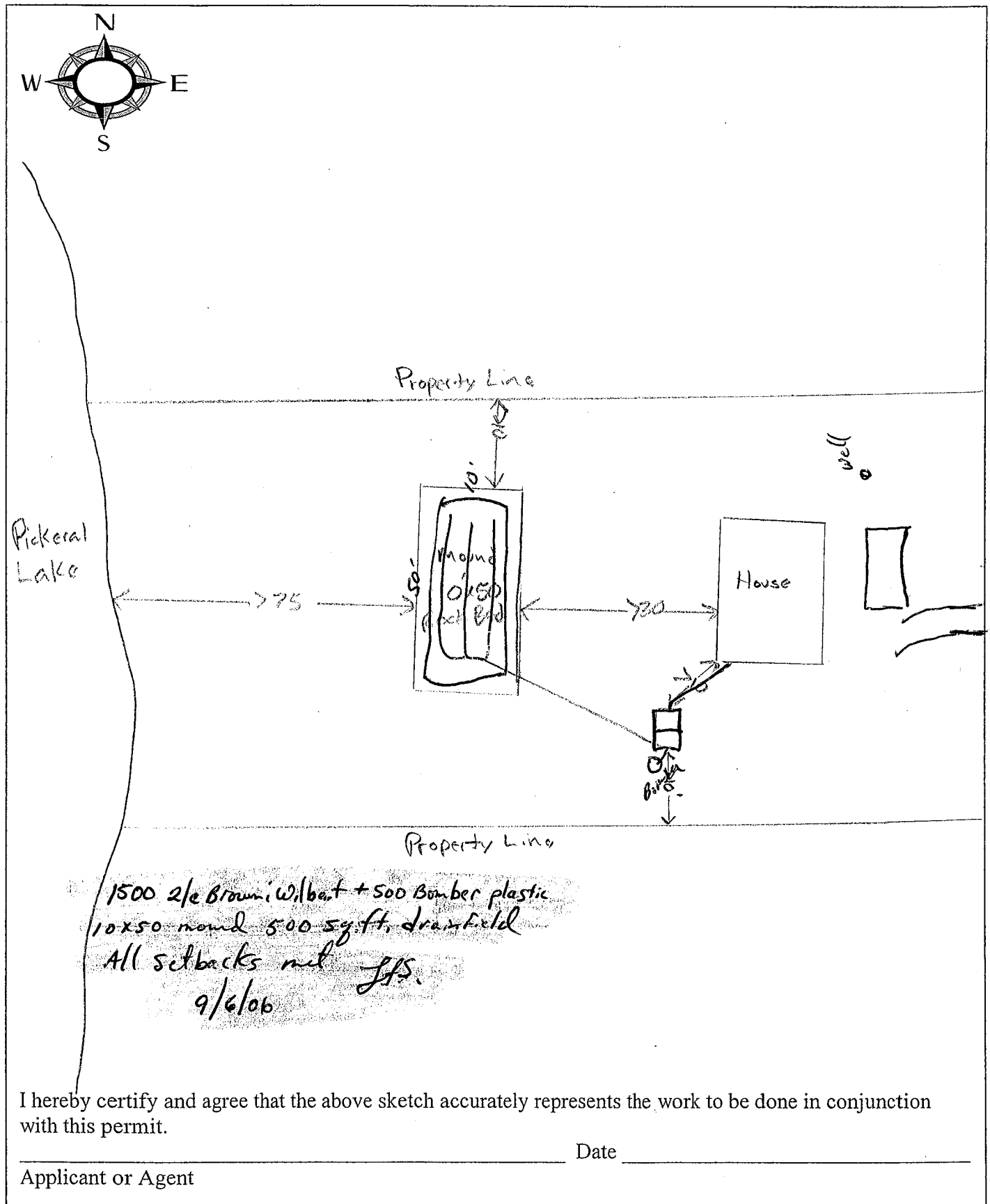


# SITE PLAN

I hereby agree to have flags, lathes, or ribbons in place for inspection by date: \_\_\_\_\_

I understand that Becker County will not issue the permit until staking has been approved.

Signature \_\_\_\_\_



# SITE PLAN EXAMPLE

