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: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached supporting documentation – additional local requirements may also apply. Further information can be found here: https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 0703121410004 Local regulatory authority: WASHINGTON COUNTY

Property address: 5261 165TH ST N, CITY OF HUGO

Owner/representative: JOLLY DREW J Owner's phone:

Brief system description: 2000-GALLON SEPTIC TANKS, 1000-GALLON LIFT TANK AND MOUND INSTALLED IN 2004

System status

System status on date (mm/dd/yyyy): 9/11/2023

☒ **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**

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.

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

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

BUYERS SHOULD BE AWARE OF THE AGE OF THIS SYSTEM (19 YEARS) AS IT MAY BE APPROACHING ITS EXPECTED LIFE. NO EVIDENCE OF EXCESS PONDING OR SATURATION OBSERVED

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: LASHINSKI SERVICES, INC. Certification number: 3053

Inspector signature: *(This document has been electronically signed)* License number: L4266

Phone: 612-919-3704

Necessary or locally required supporting documentation (must be attached)

☒ Soil observation logs ☒ Locally required forms ☒ Tank Integrity Assessment ☐ Operating Permit

☐ Other information (list):

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

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?	☐ Yes* ☒ No
Sewage tank(s) leak below their designed operating depth?	☐ Yes* ☒ 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:

Attached supporting documentation:

☒ Pumped at time of inspection

Name of maintenance business: LASHINSKI

License number of maintenance business: 9/08/2023

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: _____

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) ☐ _____

5. Soil separation – Compliance component #5 of 5

Date of installation 2/11/2004 *(mm/dd/yyyy)* ☐ Unknown

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:* 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 (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.

Describe verification methods and results:

Attached supporting documentation:

☒ Soil observation logs completed for the report (Attach)

☒ Two previous verifications of required vertical separation *(Attach)*

☐ Not applicable (No soil treatment area)

☒ SOILS ALSO VERIFIED AT INSTALL AND 2013 COMPLIANCE INSPECTION

Indicate depths or elevations

A. Bottom of distribution media	98'11"
B. Periodically saturated soil/bedrock	96'2"
C. System separation	33"
D. Required compliance separation*	36"

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

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

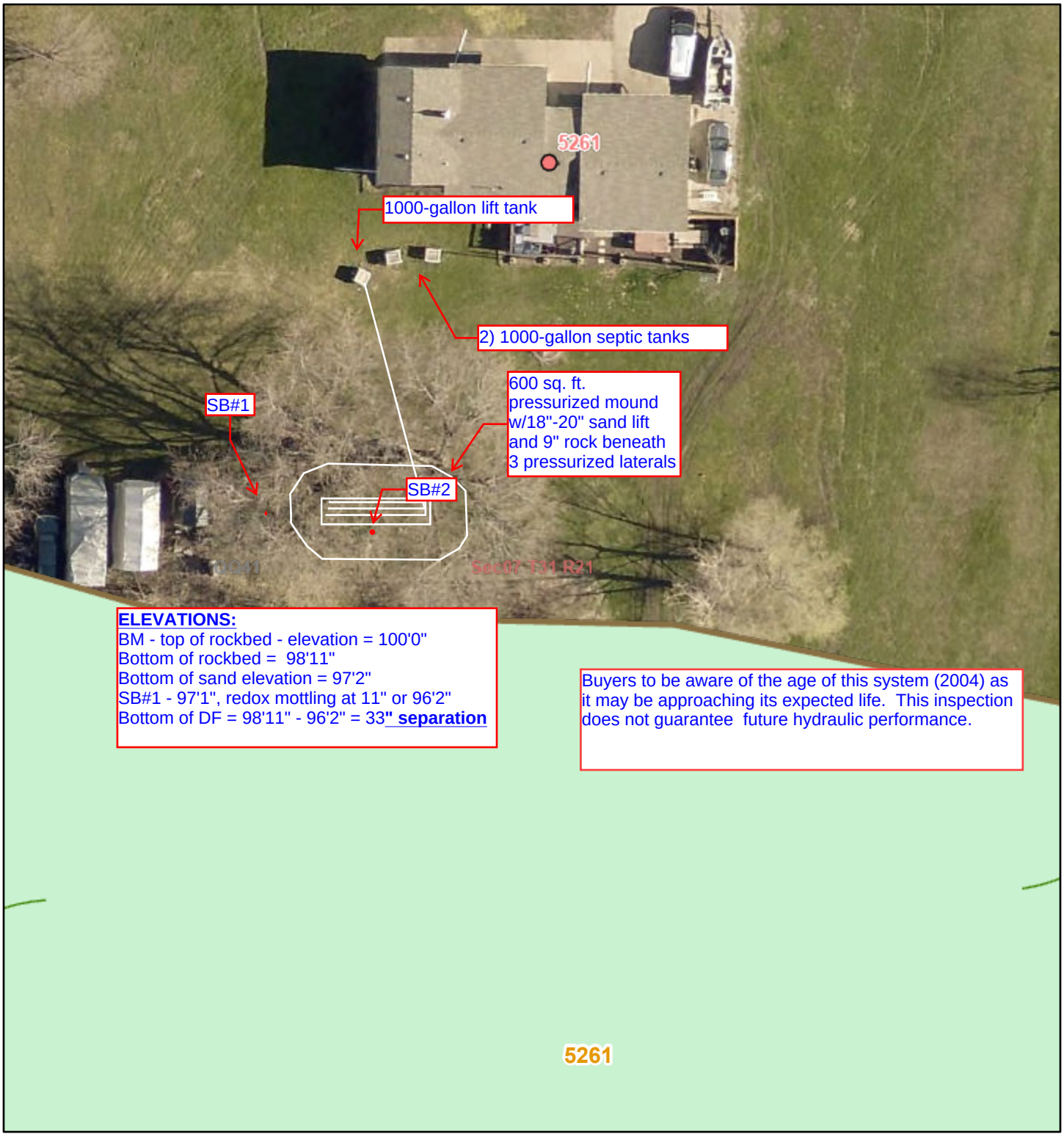
Address 5261 165 Street, Hugo

Boring #1 Elevation: 97'1"		Boring #2 Elevation: 99'10"		Boring #3 Elevation:"
0-6 -24	10YR 3/3 topsoil/ fill soil 10YR 3/3 sandy loam. Redox mottling observed at 11", soil dry.	0-10 -32 -42	10YR 3/3 topsoil/ fill soil 10YR 4/4 medium washed sand, mound sand, dry with no excess moisture or ponding observed. 10 YR 3/4, 4/4 sandy loam. Redox mottling observed at 40" (within mound influence), soil dry.	

Sketch:

Comments: Benchmark = Top of rockbed in mound. Assumed elevation = 100'0". Soil borings/probes taken directly through the sand and rock layer of the mound indicated dry conditions with no signs of excess ponding observed. Soil borings #1 indicated that the system does meet the required 36" vertical separation distance from seasonally saturated soils. Soils were also verified at the time of design and during a 2013 compliance inspection, both soil verifications are attached. The system consists of two 1000-gallon septic tanks, a 1000-gallon lift tank and a 600 pressurized mound system. The tanks were pumped and inspected at the time of this inspection. 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 (19 years) as it may be approaching its expected life. 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.

ArcGIS Web AppBuilder



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Parcels

PARKS

NOTATIONAL

DIMENSIONS

CONSERVATION

BLOCK NUMBER

EASEMENT LEADER

PARCEL NUMBER TXT

CONSERVATION

MUNICIPAL

FORM H

SKETCH PLAN

Application Number	
Tax Parcel Number	

Please be as complete as possible. Include all of the items listed below where applicable.

GENERAL CHECKLIST

- [X] scale
- [X] north arrow
- [X] lot dimensions
- [X] structure location
- [X] side lot setback
- [X] road setback
- [X] septic tank location
- [X] drainfield location
- [X] location of all wells within 100' of drainfield
- [X] fill & grading limits
- [X] vegetation alteration limits

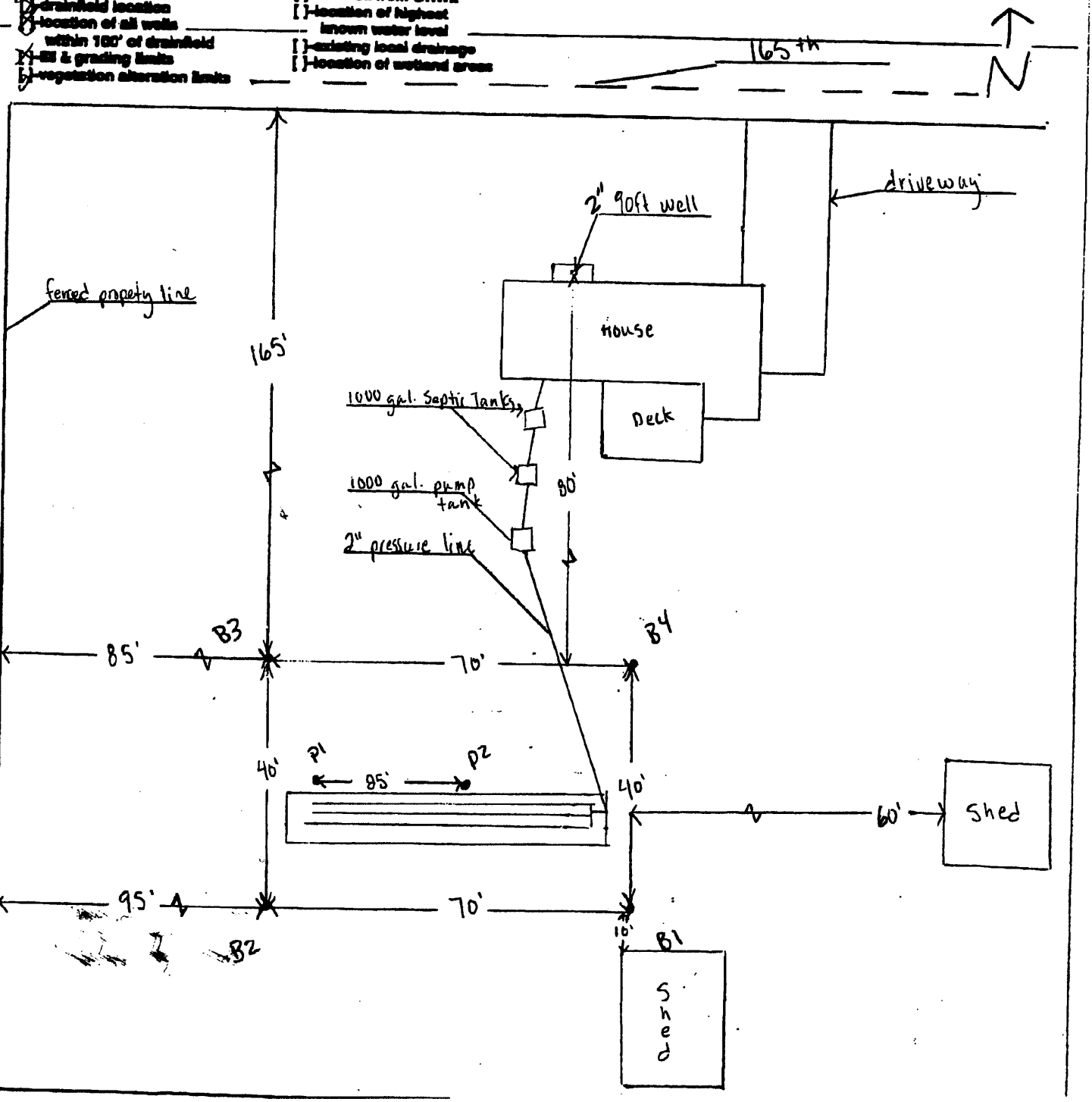
WATER RESOURCE CHECKLIST

- [ ] location of floodway
- [ ] location of flood fringe
- [ ] location of ordinary high water level (OHWL)
- [ ] location of present water line
- [ ] setback from OHWL
- [ ] location of highest known water level
- [ ] existing local drainage
- [ ] location of wetland areas

Scale of Diagram: 1 inch = 25 feet

Drawing By: Steve Peloquin

Date of Drawing: 7-30-02



Elevations and Slopes Report

ID No: 67

Customer Name: Duane Palme
Date:

Tests By: Custom Fit Homes Inc
DRP: Stephen R. Peloquin
MPCA License No: 926

Site Address:	*Legal Description:*
165th Stl Hugo Township, Washington County	The E. 1/2 of the E. 1/2 ofthe NE. 1/4 of the SE. 1/4 of S. 7, T.31, R.2 Hugo Township, Washington County

Site Elevations

Benchmark: Soil Boring One Transit Reading: 4.75 Ft Elevation: 100 Ft

Description	Reading (Ft)	Elevation (Ft)
BM. Soil Boring One	4.75	100
Soil Boring Two	4.33	100.42
Soil Boring Three	4.83	99.92
Soil Boring Four	5.83	98.92
Perc Test Hole One	4.5	100.25
Perc Test Hole Two	4.67	100.08

Site Slopes

Description	Distance (Ft)	Drop (Ft)	Slope (%)
Soil Boring Two to BM. Soil Boring One	70	0.4	0.6
Soil Boring Two to Soil Boring Three	40	0.5	1.3
to			

Soils Report

ID No: 67

Customer Name: Duane Palme
Date: 7/30/2002

Tests By: Custom Fit Homes Inc
DRP: Stephen R. Peloquin
MPCA License No: 926

Site Address:	*Legal Description:*
165th Stl Washington County	The E. 1/2 of the E. 1/2 ofthe NE. 1/4 of the SE. 1/4 of S. 7, T.31, R.2 Hugo Township

Boring Name: Soil Boring Four

Boring Elevation (Ft): 98.92
Restrictive Layer Depth (In): ~~26~~ 18"
Restrictive Layer Type: Mottles
Standing Water Depth (In): Not Present

Soil Recovery Method: Hand Auger
Soil Series: Dundas Loam
Soil Condition: Natural

Comments:

Soil Profile

Depth(In)	*Soil Color*	*Soil Color Description*	*Soil Texture*
0 *to* 10	10 yr 3/1	Very Dark Gray	Sandy Loam, Moderate, Blocky
10 *to* 20	10 yr 4/4	Dark Yellowish Brown	Sandy Clay Loam, Weak, Platy
20 *to* 30	10 yr 5/4	Yellowish Brown	Clay Loam, Moderate, Blocky

Soils Report

ID No: 67

Customer Name: Duane Palme
Date: 7/30/2002

Tests By: Custom Fit Homes Inc
DRP: Stephen R. Peloquin
MPCA License No: 926

Site Address:	*Legal Description:*
5261 165th St Washington County	The E. 1/2 of the E. 1/2 of the NE. 1/4 of the SE. 1/4 of S. 7, T.31, R.2 Hugo Township

Boring Name: Soil Boring One

Boring Elevation (Ft): 100
Restrictive Layer Depth (In): 16
Restrictive Layer Type: Mottles
Standing Water Depth (In): Not Present

Soil Recovery Method: Hand Auger
Soil Series: Dundas Loam
Soil Condition: Natural

Comments:

Soil Profile

Depth(In)	*Soil Color*	*Soil Color Description*	*Soil Texture*
0 *to* 8	10 yr 3/2	Very Dark Grayish Brown	Sandy Loam, Moderate, Blocky
8 *to* 18	10 yr 5/3	Brown	Sandy Clay Loam, Weak, Platy

Boring Name: Soil Boring Two

Boring Elevation (Ft): 100.42
Restrictive Layer Depth (In): 20
Restrictive Layer Type: Mottles
Standing Water Depth (In): Not Present

Soil Recovery Method: Hand Auger
Soil Series: Dundas Loam
Soil Condition: Natural

Comments:

Soil Profile

Depth(In)	*Soil Color*	*Soil Color Description*	*Soil Texture*
0 *to* 10	10 yr 3/1	Very Dark Gray	Sandy Loam, Moderate, Blocky
10 *to* 20	10 yr 3/2	Very Dark Grayish Brown	Sandy Loam, Weak, Platy

Boring Name: Soil Boring Three

Boring Elevation (Ft): 99.92
Restrictive Layer Depth (In): 24/6"
Restrictive Layer Type: Mottles
Standing Water Depth (In): Not Present

Soil Recovery Method: Hand Auger
Soil Series: Dundas Loam
Soil Condition: Natural

Comments:

Soil Profile

Depth(In)	*Soil Color*	*Soil Color Description*	*Soil Texture*
0 *to* 10	10 yr 3/1	Very Dark Gray	Sandy Loam, Moderate, Blocky
10 *to* 22	10 yr 5/3	Brown	Sandy Clay Loam, Weak, Platy
22 *to* 26	10 yr 5/4	Yellowish Brown	Clay Loam, Moderate, Blocky

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

Recv'd 7-12-13

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:

1058

System Status

System status on date (mm/dd/yyyy): 6/12/2013

☒ **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: 07031214 10004

Property address: 5261-165th ST., HUGO, MN. 55038
Reason for inspection: HOME SALE
Property owner: CHO YANG (BUYER)
Owner's phone: 651-366-0604
or
Owner's representative:
Representative phone:
Local regulatory authority: WASHINGTON COUNTY
Regulatory authority phone: 651-430-6655
Brief system description: "OTHER/ALTERNATIVE" MOUND; 2-1000 GAL. SEPTIC TANKS & 1-1000 GAL. LIFT TANK
Comments or recommendations:

SYSTEM MEETS COMPLIANCE.

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: MICHAEL D. MCELHATTON
Certification number: R4089
Business name: MAC'S SEWER SERVICE
License number: L1476
Inspector signature:
Phone number: 651-462-1510

Necessary or Locally Required Attachments

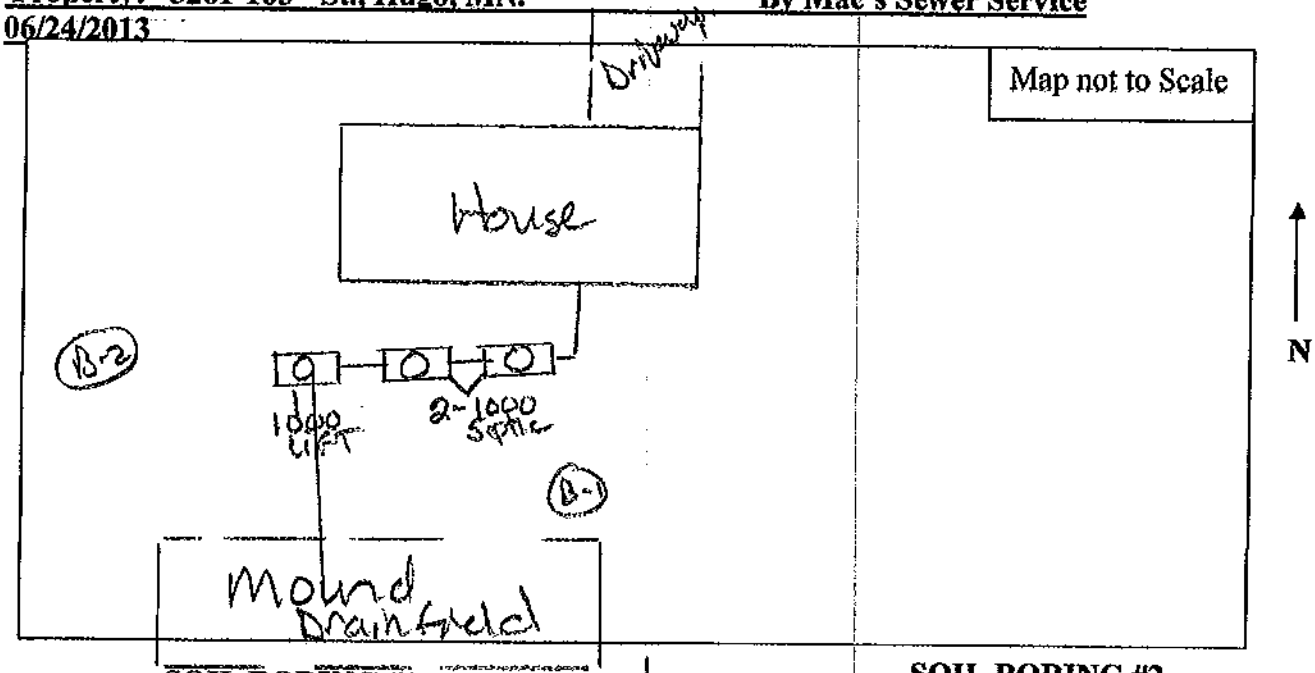
☒ Soil boring logs ☐ System/As-built drawing ☐ Forms per local ordinance
☐ Other information (list):

SITE SKETCH + BORING LOG

ATTACHMENT TO MPCA COMPLIANCE INSPECTION FORM wq.wwwists4-31

Property: 5261-165th St., Hugo, MN. **By Mac's Sewer Service**

06/24/2013



SOIL BORING #1

0-12" 10yr 3/2 dark brown sandy clay loam
12-24" 10yr 5/2 lgt grey sandy clay loam

Mottling at 0"+ (surface)

SOIL BORING #2

0-4" 10yr 3/2 dark brown sandy clay loam
4-12" 10yr 4/4 med brown sand

Mottling 0" + (surface)

COMMENTS: System **DOES** not MEET MPCA CH. 7080 compliance code;

BANK OWNED or VACANT PROPERTY: If property is bank owned or vacant, there is no owner testimony or current use to determine if there is, or has been, a history of back up into the house or surface discharge, although none was observed at the time of this inspection. Mac's Sewer does not assume any liability for limits of the inspection due to homes being vacant or winterized. Buyer & Seller accept this and the property as-is.

PURPOSE: The purpose and results of this inspection are only to determine if there is, or is not, adequate treatment of wastewater to protect against ground water pollution via tank(s) and drain field *at the time of Inspection* per the MPCA CH. 7080 Compliance Code. *No other determination has been, or is made or implied, including system longevity, the inside plumbing & function, future performance or warranty of system due to unknown conditions during system construction, hydraulic performance, the use of the system, it's age or size, inadequate maintenance, or future water usage.* ***Liability is limited to the cost of this inspection.***

Requirements to bring system into compliance if deemed not in compliance ***REPLACE DRAINFIELD or*** *Check* with local government for specific upgrade requirements and time frames, which are subject to change without notice.