

**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: 3502721130003 Reason for Inspection Property Transfer  
Local regulatory authority info: Washiingtn County  
Property address: 11390 Kingsborough Trail S Cottage Grove, Mn  
Owner/representative: Brian Gallmeier Owner's phone: \_\_\_\_\_  
Brief system description: 2 septic tanks and 1 Pump tank to at-grade system

### System status

System status on date (mm/dd/yyyy): 5/11/2023

**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

### 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: David R Brown Certification number: 9370  
Inspector signature: DRB License number: 3649  
*(This document has been electronically signed)* Phone: 651-788-3296

### 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): \_\_\_\_\_

**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:**

Empty tank(s) viewed by inspector

Name of maintenance business: Meyers

License number of maintenance business: 915

Date of maintenance: 5/11/23

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 2013  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)
- See attached boring logs and design reviewed

**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:**

**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.

**INDIVIDUAL SEWAGE TREATMENT SYSTEM**

Washington County Public Health & Environment  
 14949 - 62<sup>ND</sup> ST N, PO BOX 6, STILLWATER, MN 55082-0006  
 651/430-6688 OR 651/430-6655 FAX 651/430-6730

Legal Description or Complete Street Address <b>11390 Kingsborough Rd</b>		City of Township <b>Cottage Grove</b>		
Owner Name <b>David Casper</b>	Mail Address <b>same</b>	City	State <b>MN</b>	Zip
Installer	Mail Address	City	State	Zip
Septic Tank Information Tank Manufacturer: <b>No New Tanks</b>		Liquid Capacity <b>3000</b>		

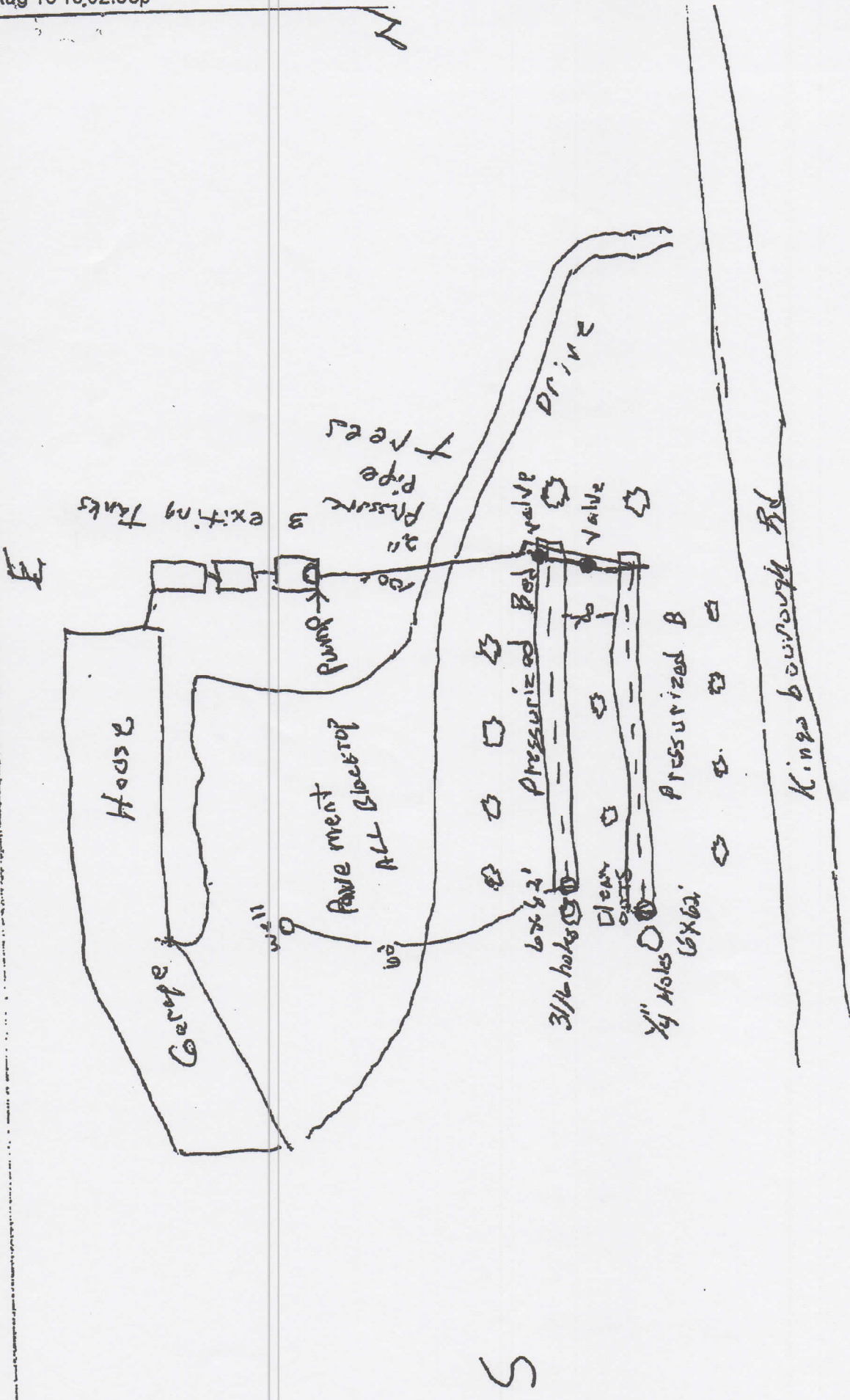
PUMP CHAMBER (if installed)			
Tank Manufacturer:	Liquid Capacity:	Horsepower of Pump: <b>1/10 HP</b>	Type of Warning Device: <b>warning in basement</b>
Pump Discharge in Gallons Per Minute: <b>35.6 GPM</b>	at Feet of Head: <b>16' Head</b>	Number of Gallons Per Cycle: <b>10</b>	

DRAINFIELD TRENCH		BED OR MOUND		
Width: <b>6' x 63'</b>	Length of Each Trench: <b>63'</b>	Rock Bed Length:	Width: <b>6' x 63'</b>	Area: <b>692 sq'</b>
Depth of Trench Bottom from Finished Grade: <b>6" Rock &amp; cover 6" Top</b>		Bed Depth from Grade: <b>at Grade</b>		
Method of Distribution: <input checked="" type="checkbox"/> Pressure <input type="checkbox"/> Distribution Box <input type="checkbox"/> Drop Box		MOUND: Upslope Sand Base Depth:      Downslope Sand Base Depth:		
Depth of Rock Under Distribution Pipe: <b>6"</b>		Depth of Rock Under Pipe: <b>6"</b>		
Square Footage of Tested Area Used:		PRESSURE DISTRIBUTION SYSTEM: <b>6x62 2 SYSTEM Bed</b>		
Trench Bottom Square Footage Required: <b>692 sq ft</b>	Area As Built:	Lateral Inside Diameter: <b>2"</b>	Length: <b>62</b>	Perforation Size: <b>1/4" TP 3/16" Sched</b>
		Spacing: <b>30" <del>36"</del></b>	Number: <b>1</b>	Perforation Spacing: <b>30"</b>

Complete site plan on attached sheet. On the site plan, include location of the following items:  
 Structures, septic tank, pump chamber, line from house to tank treatment system, distribution lines, distribution or drop boxes, well, and driveway. Show all distances applicable to the sewage treatment system (distance from structure to tank, tank to treatment system, distance between distribution lines, length of distribution lines, and distance between well and sewage treatment system). Indicate NORTH on the site plan and the scale of the plan.

I hereby certify that the system at the above referenced address was installed according to the Washington County Individual Sewage Treatment System Ordinance requirements.  
 Signed: Bertel Hollen MPCA License #: 2068 2009 Dated: 8-14-13

WASHINGTON COUNTY SEPTIC PERMIT NUMBER 35-027-21-13-0003



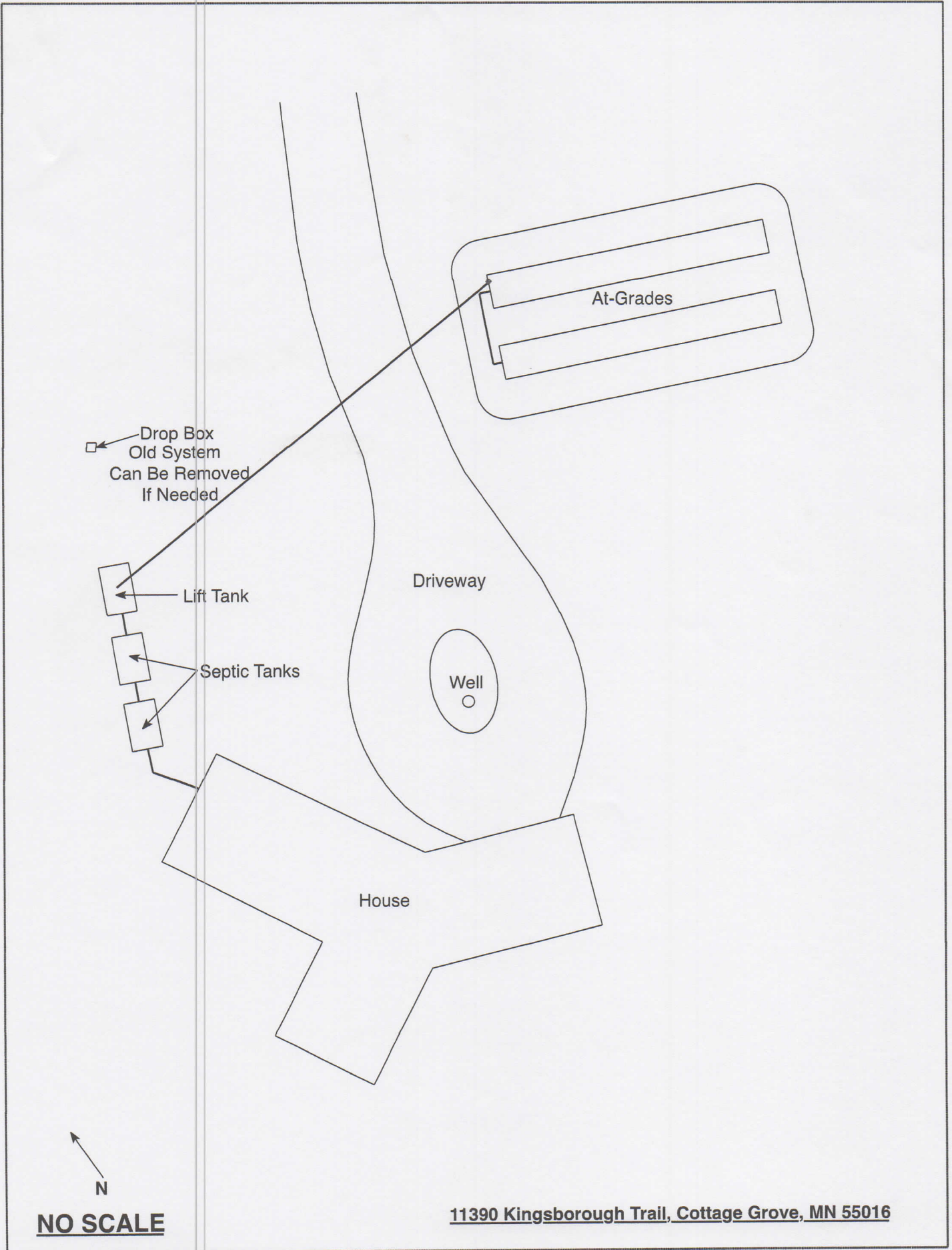
W

S

AS BUILT FOR

11390 KINGSBOROUGH RD.

COTTAGE GROVE



Drop Box  
Old System  
Can Be Removed  
If Needed

Lift Tank

Septic Tanks

Driveway

Well

At-Grades

House

N

**NO SCALE**

**11390 Kingsborough Trail, Cottage Grove, MN 55016**

# U of MN Onsite Sewage Treatment Program Soil Boring Log

Client/ Address: Legal Description/GPS: 35-027-21-13-0003 Date: 10 Jul 2013

11390 KINGSBOROUGH 49°47'4.5944" 92°53'21.4134" 824MSL 14:20

Soil Parent Material(s): Till Outwash Lacustrine Alluvium Loess Organic Matter Bedrock *SEBEROK OUTWASH*

Landscape Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope

Vegetation: WOODED BUCKTHORN Soil Survey Map Unit(s): 184B Slope (%):

Weather conditions/Time of Day: PM/SUNNY SPAFTA LOAMy SAND Slope Shape:

### Saturated Soil

Depth (in)	Texture	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s) (see back)	I----- Structure-----I		
						Shape	Grade	Consistence
0-32"	SANDy LOAM	10 YR 3/2		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
32-42"	SANDy LOAM	10 YR 4/3		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
42-52"	LOAMy SAND	10 YR 6/4		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
52"-	LINESTONE	OBSTRUCTION				Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

Comments:



# Additional Soil Observation Logs

Client/ Address: 11390 Kingsborough Trail Cottage Grove, MN

Legal Description/ GPS #REF!

Soil parent materials (Check all that apply)  Outwash  Loess/till  Flints  Fill  Alluvium  Beach  Organic

Observation #/Location:

Soil survey map units

Landscape position

Vegetation

B2

Slope shape

Slope%

Concave, Linear

wooded

Date 2/12/2013

Time 12:00

Back/ Side Slope

Depth (in)	Texture	Coarse Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0 to 11	fine sand	5 to 8	10 YR 3/3				Granular	Weak	Friable
11 to 28	very fine sand	5 to 8	10 YR 3/3				Granular	Weak	Friable
28 to 36	very fine sand	5 to 8	10 YR 4/3				Granular	Structureless	Loose
36 to 40	very fine sand	5 to 8	10 YR 6/4				Granular	Structureless	Loose
40 ROCK	very fine sand	5 to 8	7.5 YR 4/6	NA			Granular	Structureless	Loose

Comments

Observation #/Location:

Depth (in)	Texture	Coarse Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence

Comments

# UNIVERSITY OF MINNESOTA OSTP Soil Observation Log

Date 2/12/2013

Time 11:00

Client / Address: 11390 Kingsborough Trail Cottage Grove, MN

Landscape position

Side Slope

Legal Description / GPS #REF!

Vegetation

wooded

Soil parent materials (Check all that apply)

- Chert/ash
- Lacustrine
- Loess
- Till
- Alluvium
- Bedrock
- Organic

Observation # / Location:

Slope shape

Slope %

4.0

Soil survey map units

B1 Snow covered Cve/Lin

Depth (in)	Texture	Coarse Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0 to 12	fine sand	5 to 8	10 YR 3/3				Granular	Weak	Friable
12 to 24	very fine sand	5 to 8	10 YR 3/3				Granular	Weak	Friable
24 to 35	very fine sand	5 to 8	10 YR 4/3				Granular	Structureless	Loose
35 to 40	very fine sand	5 to 8	10 YR 6/4				Granular	Structureless	Loose
40 to 42	very fine sand	5 to 8	7.5 YR 4/6	10YR 4/6 & 7.5YR 5/8	Concentrations, depletions, gleyed	S1	Granular	Structureless	Loose

Comments

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

Paul Brandt  
(Designer)

#REF!

(Signature)

C5182

(License #)

#REF!

2/12/2013

(Date)



## Department of Public Health and Environment

14949 62nd Street North PO Box 6  
Stillwater MN 55082-0006  
Office: 651-430-6655 – TTY: 651-430-6246 – Fax: 651-430-6730

# Individual Sewage Treatment System Certificate of Compliance

Type of System:	At-Grade
Permit Number:	2200-13-3
Property ID Number:	35-027-21-13-0003
Property Address:	11390 Kingsborough RD
Community:	Cottage Grove
Date of Installation:	August 13, 2013

This certifies that the individual sewage treatment system installed at the aforementioned address was inspected during installation and found to be in compliance with requirements of the Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations (Washington County Ordinance No. 128). This Certificate of Compliance is valid for five (5) years from the date of issuance unless Washington County finds evidence of an imminent threat to public health and safety. Supporting documentation with detailed information on the system can be found on the attached as-built.

A handwritten signature in black ink, appearing to read "Chris LeClair", written over a horizontal line.

Christopher W. LeClair, REHS  
Senior Environmental Specialist



# Tri-City / William Lloyd Analytical Laboratory

9300 Poplar Bridge Road • Bloomington, MN 55437 • (952) 563-4904

## Sample Results Report

Dave Brown  
4787 Radio Dr.  
Woodbury, MN 55129

**Report Date:**  
05/16/2023 07:35

**Received By:** Aaron Tschida

**Sample Condition Upon Receipt:**

**Received Date / Time:** 15-May-2023 11:07

Acceptable      Temperature 15.6 °C  
 On ice

**Sample ID:** 2305090-01  
**11390 Kingsborough Trail. Cottage Grove, MN**  
**Sample Collector:** Dave Brown  
**Collection Date/Time:** 5/15/2023 10:23:00AM

Analyte	Result	Units	MCL*		Date Analyzed	Analyst Initials	Method
Nitrate as N	<0.0500	mg/L	10	PASS	05/15/2023 13:41	AT	EPA 353.2 Rev. 2.0
P/A total coliform	Absent	MPN/100 mL	Absent	PASS	05/15/2023 07:34	DJW	SM 9223 B (Colilert-18® P/A)

\*MCL (maximum contaminant level) set by the EPA

PASS - The analyte(s) reported, for the sample(s) listed above, meet standards set by the Minnesota Department of Health and U. S. Environmental Protection Agency for safe drinking water.

Approved By: *Deb Weltzin*

Deb Weltzin  
Water Quality Supervisor



Laboratory Identification Number: 027-053-355

The results in this report apply to the above listed sample(s). All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety. All methods are certified by the Minnesota Department of Health, unless otherwise noted. The test report shall not be reproduced except in full, without written approval of the laboratory.

\* - The lab does not hold a Minnesota Department of Health accreditation for this parameter.