



333 Main Street NW  
 P.O. Box 388  
 Elk River, MN 55330  
 Phone: 763-441-7509  
 Fax: 763-441-9176

**DRINKING WATER LABORATORY TEST REPORT**

**Last Name:** EDINA REALTY  
**First Name:** AGENT - JODY W.  
**Address:** 5457 99TH ST S  
**City:** ST PAUL PA&K  
**State:** MN                      **Zip Code:** 55071  
**County:**  
**Legal:**

**File #:** 13612  
**Date/Time in Lab:** 8/16/2016 12:43 PM  
**Unique Well #:**  
**Drillers #:**

**Ordered By:** SAUBER PLUMBING & HEATING

**Sampled From:** Outside Tap

**Sampled By:** SAUBER

**Date/Time Sampled:** 08/15/2016 800

**Reason For Test:** Coliform + Nitrate

**Sample Temp:** > 4° C

<u>ANALYTE &amp; METHOD</u>	<u>DATE &amp; TIME OF ANALYSIS</u>	<u>MAXIMUM CONTAMINATION LEVEL (EPA)</u>	<u>TEST RESULTS</u>
Coliform Bacteria (SM 9223 B)	08/16/2016 1400	Negative	Negative
Nitrate (EPA 353.2 Rev 2.0)	08/16/2016 1416	10.0 ppm	< 0.5 ppm

This sample  meet EPA guidelines for safe drinking water for the Analytes tested.

**Notes:**

The test results are only indicative of the sample tested from the sample point on the date collected.  
 This report must not be reproduced, except in full, without the written approval from Water Laboratories, Inc.  
 Minnesota Certification# 027-141-110, Wisconsin Certification #399044470

**Water Laboratories, Inc.**

**By:** *Kevin J. Kloppner*

**Date:** 08/17/2016

**Amount Billed:**

**Date Paid:**

**Amount Paid:**

Received By EK                      Entered By KJK                      Edited By KJK



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

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:

### System Status

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

8-17-2016

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: \_\_\_\_\_

Property address: \_\_\_\_\_

5457-99th St. So. St. Paul Park MN

Reason for inspection: \_\_\_\_\_

Property Transfer

Property owner: \_\_\_\_\_

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

or

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

Jodi - Edina Realty

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

612-245-1620

Local regulatory authority: \_\_\_\_\_

Washington County

Regulatory authority phone: \_\_\_\_\_

651-430-6655

Brief system description: \_\_\_\_\_

Septic Tank w/ Drain Field Trenches Bed

Comments or recommendations: \_\_\_\_\_

Upgrade System

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

Jerry Sauber

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

925

Business name: \_\_\_\_\_

Sauber & H&B

License number: \_\_\_\_\_

317

Inspector signature: \_\_\_\_\_

[Signature]

Phone number: \_\_\_\_\_

651-463-7434

## Necessary or Locally Required Attachments

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

Property address: 5457-99<sup>th</sup> St. So. St. Paul Park MN. Inspector initials/Date: JS 18-17-2016  
 (mm/dd/yyyy)

### 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

Comments/Explanation: Water level in tank 18" below top of tank - ?

#### 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:

Property address: 5457-99th St. South St. Paul Park Inspector initials/Date: JS 18-17-2016  
(mm/dd/yyyy)

**4. Soil Separation – Compliance component #4 of 5**

Date of installation: 1978?  Unknown  
(mm/dd/yyyy)  
Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

**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)

**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: <i>X</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	

**Comments/Explanation:**

**Indicate depths or elevations**

A. Bottom of distribution media	32'
B. Periodically saturated soil/bedrock	44'-46"
C. System separation	← 24" S
D. Required compliance separation*	24" S

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

**Any "no" answer above indicates the system is failing to protect groundwater.**

**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: _____ Have the Operating Permit requirements been met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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 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.*

# Additional Soil Observation Logs

Project ID: Test 1



Client/ Address:

Agnet Jodi Lindquist & Eric Peck

Legal Description/ GPS:

Soil parent material(s): (Check all that apply)

- Summit  Shoulder  Back/Side Slope  Foot Slope  Toe Slope  Slope shape  
 Outwash  Lacustrine  Loess  Till  Alluvium  Bedrock  Organic Matter

Landscape Position: (check one)

- Summit  Shoulder  Back/Side Slope  Foot Slope  Toe Slope  Slope shape  
 Soil survey map units

Vegetation

L. Tall

Weather Conditions/Time of Day:

Clear - P.M.

Date

8-17-2016

Observation #/Location:	Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Observation Type:			
								Shape	Grade	Consistence	
	8	Loam	<35	10YR 3/2							
	14	Sticky loam	"	10YR 4/3							
	45	fine sand	"	"	7.5YR 4/6.5 5/2	Common + Abundant	S-1				
	Redox 45-15										

Comments

Observation #/Location:

Observation Type:

Depth (in)

Texture

Rock Frag. %

Matrix Color(s)

Mottle Color(s)

Redox Kind(s)

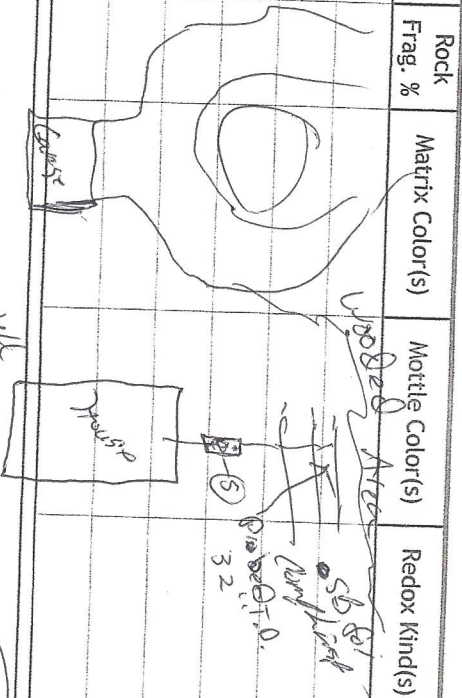
Indicator(s)

Shape

Grade

Consistence

Comments



Project #925 - 8-17-2016