



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): 6/7/2017

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: 9379 Scandia Trail Forest Lake Reason for inspection: Property Transfer

Property owner: John Konopliv Owner's phone: _____

or
Owner's representative: _____ Representative phone: _____

Local regulatory authority: Washington County Regulatory authority phone: _____

Brief system description: 1000 gallon tank, distribution box with drainfield

Comments or recommendations:

This system was installed in 1973. The average life of a system with TODAY'S TECHNOLOGY is 20-25 years. This system is 44 years old. The system is very small and evidence of hydroic over-loading has occurred as the soil above the system had Redox and "bleached out" soil above the rock bed. The was also a small amount of reodx at 48"

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: Chad Lashinski Certification number: C3054

Business name: Residential Testing Solutions License number: L3636

Inspector signature: _____ Phone number: 612-991-7004

Necessary or Locally Required Attachments

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

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: 7/9/1973 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	36
B. Periodically saturated soil/bedrock	48
C. System separation	12
D. Required compliance separation*	24

*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 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.



Residential Testing Solutions

MPCA#L3636



xSB2

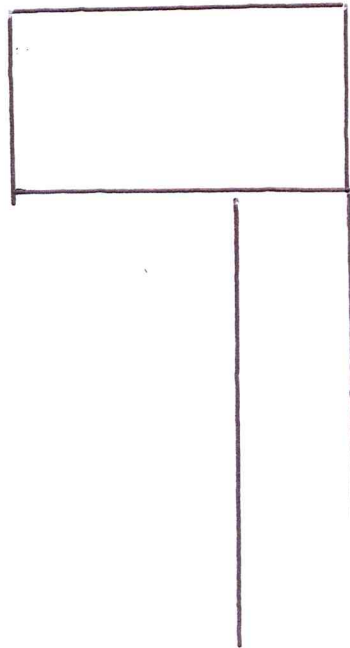
SB#2

0-11 10412212 Topsoil

11-36 10412313 Sandy loam

36-48 10412314 coarse sand w/ rocks

4ft Redox.



OFFICE OF THE ZONING ADMINISTRATOR
WASHINGTON COUNTY, MINNESOTA

PERMIT TO INSTALL SEWAGE DISPOSAL SYSTEM

Owner JOHN R. BELLWOOD NAME Permit No. 207

9374 SCANDIA TRAIL N ADDRESS

MINIMUM SYSTEM REQUIRED: 2 SECTION

Septic Tank 1000 GAL Gal. Liquid Capacity

Distribution Box CONCRETE WITH REMOVABLE COVER

Absorption Trench 260 SQ FT Lineal Feet 130 Width 24"

Depth of Rock Below Tile Lines 12 Inches, Above Tile 2 Inches

Depth of Trench - Minimum COVER 18 Inches, Maximum COVER 36 Inches

Minimum Number of Lines 2 Maximum Length of Individual Line 100' Ft.

Minimum Spacing of Lines 6 1/2 Ft. Center to Center.

Special Conditions _____

System Inspected 7-9-73 DATE

Installation Approved H. Weaver INSPECTOR

Comments _____

PERMIT: Permission is hereby granted to the above named applicant to perform the work described in the application, to the specifications shown under minimum system required. This permit is granted upon express condition that the person to whom it is granted, and his agents, employees and workmen shall conform in all respects to ordinances of Washington County, Minnesota. This permit may be revoked at any time upon violation of any said ordinance, and permit shall be void if work is not commenced within (6) months.

Approved: [Signature] (ZONING ADMINISTRATOR) Mo. 6 22, 1973

WASHINGTON COUNTY ZONING ADMINISTRATOR
 COUNTY OFFICE BUILDING
 300 EUGENE ST.
 STILLWATER, MINN. 55082
 PHONE: 612 - 439-3220

APPLICATION FOR PERMIT TO INSTALL SEWAGE DISPOSAL SYSTEM

Legal Description _____ Permit No. 209
 Address of Property 9379 N SCANDIA TRAIL Date Issued _____
 LAKE NO. _____ LAKE NAME _____ CLASSIFICATION _____ Fee 15.00
 Received By KWS
 Owner _____ NAME _____ ADDRESS _____ TELEPHONE _____
 Installer _____ NAME _____ ADDRESS _____ TELEPHONE 164-2082
 Application for: New Installation Expansion of Existing System Septic Tank Drainfield
 Other _____

The following exhibits are required as a part of this application and shall be attached hereto: Percolation Test Logs, Soil Boring Logs, Sketch Map of Property showing Location of Buildings, Lot Lines, Percolation Test Holes, Soil Boring Holes, Proposed Location of System, Cross Section Sketch of Proposed System.

SEWAGE DISPOSAL SYSTEM DATA: (Record Distances Below and on Attached Sketch Map of Property)

	SEPTIC TANK	ABSORPTION FIELD
<u>2 Boreholes</u>		
Capacity	Gls.	Sq. Ft.
Distance from nearest well (including adjacent property if applicable)	Ft.	Ft.
Distance from lake or stream	Ft.	Ft.
Distance from occupied buildings	Ft.	Ft.
Distance from property lines	Ft.	Ft.
Distance from bottom to water table		Ft.

All distances are shortest distance between nearest points.

Agreement: The undersigned hereby makes Application for Permit to Install or Extend Sewage Disposal System herein specified, agreeing to do all such work in strict accordance with ordinances and regulations of the County of Washington, Minnesota, and Minnesota Dept. of Health, Applicant agrees that the Plot Plan, Sketches and Specifications submitted herewith, and which are approved by the Washington County Zoning Administrator, together with any requirement and/or restriction made necessary by conditions peculiar to a particular location, shall become a part of the permit. Applicant further agrees that no part of the system shall be covered until it has been inspected and accepted. It shall be the responsibility of the applicant for the permit to notify the Office of the Zoning Administrator that the installation is ready for inspection.

March 25, 1973 DATE [Signature] SIGNATURE OF APPLICANT

Phone 235-3130

CERTIFICATE OF SURVEY

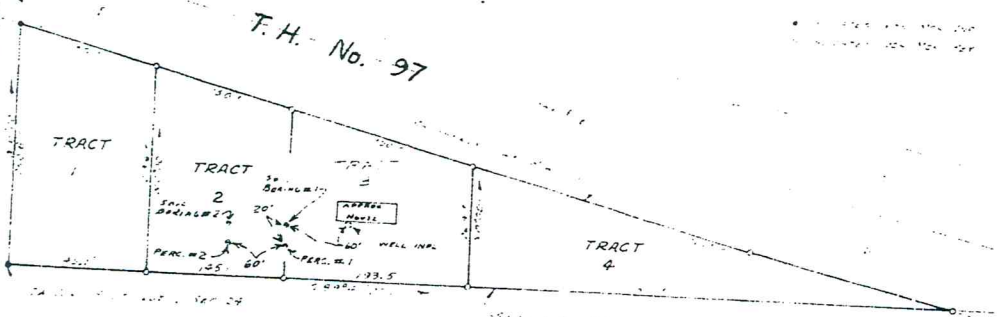
DON C. HULT
LAND SURVEYOR

BOX 376
FOREST LAKE, M. MN. 55025

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

Don C. Hult

Reg. No. 6617 Date 05-12-1963 Scale 1" = 400'
TAXID 72-4-72



PART OF GOV'T LOT 1, SEC. 24, T32N, R21W, WASHINGTON CO, MINNESOTA

SURVEY FOR: Myrtle Turquist, Forest Lake, Minnesota.

DESCRIPTIONS:

TRACT 1 All that part of Government Lot 1, Section 24, Township 32 North, Range 21 West, Washington County, Minnesota, described as follows:

Beginning at the Southwest corner of said Gov't. Lot 1; thence S 89°40'20"E, along the South line thereof, 145.1 feet to the point of beginning; thence S 89°40'20"E, along said South line, 145.1 feet; thence N 0°00'0", parallel with the West line of said Gov't. Lot 1, 213.6 feet, more or less, to the Southerly right-of-way line of Trunk Highway No. 97; thence Northwesterly along said Southerly right-of-way line, 150 feet, more or less, to the West line of said Gov't. Lot 1; thence S 0°00'0", along said West line, 290.6 feet, more or less, to the point of beginning, containing 0.8 acres, more or less, and including any right of title existing in the adjacent Trunk Highway No. 97, to the center line thereof.

TRACT 2 All that part of Government Lot 1, Section 24, Township 32 North, Range 21 West, Washington County, Minnesota, described as follows:

Commencing at the Southwest corner of said Gov't. Lot 1; thence S 89°40'20"E, along the South line thereof, 145.1 feet to the point of beginning; thence S 89°40'20"E, along said South line, 145.1 feet; thence N 0°00'0", parallel with the West line of said Gov't. Lot 1, 176.4 feet, more or less, to the Southerly right-of-way line of Trunk Highway No. 97; thence Northwesterly along said Southerly right-of-way line, 150 feet, more or less, to the point of intersection thereof with a line that bears N 0°00'0" from the point of beginning, which line is parallel with the West line of said Gov't. Lot 1; thence S 0°00'0", along said parallel line, 213.6 feet, more or less, to the point of beginning, containing 0.6 acres, more or less, and including any right of title existing in the adjacent Trunk Highway No. 97, to the center line thereof.

TRACT 3 All that part of Government Lot 1, Section 24, Township 32 North, Range 21 West, Washington County, Minnesota, described as follows:

Commencing at the Southwest corner of said Gov't. Lot 1; thence S 89°40'20"E, along the South line thereof, 290.6 feet to the point of beginning; thence S 89°40'20"E, along said South line, 193.6 feet; thence N 0°00'0", parallel with the West line of said Gov't. Lot 1, 126.9 feet to the Southerly right-of-way line of Trunk Highway No. 97; thence Northwesterly along said Southerly right-of-way line, 200 feet, more or less, to the point of intersection thereof with a line that bears N 0°00'0" from the point of beginning, which line is parallel with the West line of said Gov't. Lot 1; thence S 0°00'0", along said parallel line, 176.4 feet, more or less, to the point of beginning, containing 0.7 acres, more or less, and including any right of title existing in the adjacent Trunk Highway No. 97, to the center line thereof.

TRACT 4 All that part of Government Lot 1, Section 24, Township 32 North, Range 21 West, Washington County, Minnesota, described as follows:

Commencing at the Southwest corner of said Gov't. Lot 1; thence S 89°40'20"E, along the South line thereof, 423.7 feet to the point of beginning; thence S 89°40'20"E, along said South line, 111.1 feet; thence N 0°00'0", parallel with the Southerly right-of-way line of Trunk Highway No. 97, thence Northwesterly along said Southerly right-of-way line, 528.7 feet, more or less, to the point of intersection thereof with a line that bears N 0°00'0" from the point of beginning, which line is parallel with the West line of said Gov't. Lot 1; thence S 0°00'0", along said parallel line, 126.9 feet, more or less, to the point of beginning, containing 0.8 acres, more or less, and including any right of title existing in the adjacent Trunk Highway No. 97, to the center line thereof.

Hult & Associates, Inc.
 Highway 8 @ Greenway Avenue
 Forest Lake, Minnesota 55025
 464-3130

BORING #1

FOR: JONI EDWOOD
5124-17TH AVE. S.
MALDEN, Minn. 55417
722-8674

PERCUTATION TEST:

Location JONI EDWOOD 79-3221
 Test Hole Number 1
 Depth To Bottom of Hole 36 inches; Diameter of Hole 6 inches

0'	<u>Q-6 TOPSOIL</u>
1'	
2'	
3'	
4'	
5'	<u>6-108 SAND</u>
6'	
7'	
8'	
9'	
10'	<u>DID NOT HIT</u> <u>H₂O TABLE</u>

Depth, Inches	Soil Features
<u>0-6</u>	<u>TOPSOIL</u>
<u>6-36</u>	<u>SAND</u>

Percutation Test By D.F.H.
 Date of Test 12-1-77

Time	Measurement, inches	Drop in Water Level, inches	Remarks
<u>3:45</u>	<u>28 3/4</u>		
<u>3:50</u>	<u>29 1/2</u>	<u>7/8</u>	
<u>3:55</u>	<u>30</u>	<u>7/8</u>	
<u>4:00</u>	<u>30 3/4</u>	<u>3/4</u>	<u>29 1/2</u>
<u>4:05</u>	<u>30</u>	<u>3/4</u>	
<u>4:10</u>	<u>30 3/4</u>	<u>7/8</u>	

7/8 INCH - 5 MIN

Percolation Rate = 6 Min/Inch

Hull & Associates, Inc.
 Highway 80 Greengay Avenue
 Forest Lake, Minnesota 55025
 464-3130

BORING # 21

FUNDATIONAL TEST

Location 10110 Highway 22, Forest Lake, MN

Test Hole Number 1

Depth To Bottom Of Pipe 21 Inches; Diameter Of Hole 4 Inches

Depth, Inches	Soil Testers
0-6	TOPSOIL
6-16 1/2	SAND

Perforation Test By D. H. H.
 Date Of Test 3-14-73

	3	0-6 TOPSOIL
1'		
2'		
3'		
4'		
5'		6-16 1/2 SAND
6'		
7'		
8'		
9'		
10'		DID NOT HIT WATER TABLE

Time	Measurement, Inches	Drop In Water Level, Incher	Remarks
3:47	28 1/2		
3:57	29 1/4	1 1/4	
4:07	30 3/4	1 1/2	2 1/2
4:12	31 1/4	1 3/4	

Permeative Rate = 4 1/2 Min/Inch

Residential Testing Solutions, Inc.
Additional Terms

1. Residential Testing Solutions, Inc. (RTS) has not been retained to warrant, guarantee or certify the proper functioning of the systems for any period of time beyond the date of inspection. Due to the numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a well or septic system, as well as the inability of RTS to supervise or monitor the use of maintenance of the system or well, the report shall not be construed as a warranty by RTS that the system/well will function properly for any particular period of time.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a water tight septic tank(s) and lift tank, the required separation from the bottom of the drainfield/mound distribution medium and saturated soils, no back-ups of sewage into the dwelling and no discharge of sewage/effluent onto the ground surface or surface water. RTS does not inspect basement ejector pumps or exterior lift tank pumps as they are considered to be a "maintenance item." Sewage backup verification is limited to observing the floor drain area and/or the information supplied by the last occupants of the dwelling prior to inspection. RTS cannot guarantee that the information given to it by the last occupants of the dwelling is accurate. Some persons may attempt to hide or conceal signs of previous back-ups.
3. Certification of this system does not warranty future use beyond the date of inspection. Any system, old or new, can be hydraulically overloaded as a result of more people moving into the house than were previously occupying it, improper maintenance and/or heavy usage, tree roots, freezing conditions, surface drainage problems, or the system can simply stop working because of age. The average life expectancy of a properly maintained septic system is twenty to twenty-five years.
4. A Compliance Inspection is not meant to be a test or inspection for longevity of the septic system but rather is strictly for the purpose of determining if the septic system is polluting the environment at the date and time the inspection is performed. This inspection is not intended to determine if the septic system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. WINTER WORK. Client understands that inspections conducted during winter weather are more difficult to perform because of possible snow cover and/or ground frost. Septic system components such as tanks, tank covers, drop boxes, drop box covers and soil treatment areas are more difficult to locate in these conditions. Solid borings and drainfield locations are also more difficult to perform due to ground frost. RTS will attempt to use the same level of standards when performing winter work as when performing non-winter work however Client understands that due to the aforementioned considerations, the same level of standards may not be possible.
6. Client hereby agrees to indemnify, save and hold RTS, its agents and employees harmless from any claims or causes of action, including attorney's fees, arising from the performance of this Contract by the RTS or its agents or employees.

John Konoplic
Client

6/7/17
Date

Address: 9379 Scandia Trail Forest Lake