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): 6/2/2017

☒ **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: 3602721110001

Property address: 11000 Manning Av. S., Hastings, Mn. 55033
Reason for inspection: Property Transfer

Property owner: Mike and Deb Kleis
Owner's phone: 651-338-8934

or

Owner's representative:
Representative phone:

Local regulatory authority: Washington County
Regulatory authority phone: 651-430-6655

Brief system description: 2-1000 gal. precast septic tanks and 267 lin. ft. rock trench with 12" rock below pipe.

Comments or recommendations:

System installed in 1996 when home was built. Cannot find exact date. Will use 10/15/96.

Well >50' to tanks and drainfield.

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: Roger Benson
Certification number: 1505

Business name: Benson Septic Service
License number: 190

Inspector signature: Roger Benson
Phone number: 651-325-6555

Necessary or Locally Required Attachments

☒ Soil boring logs ☒ System/As-built drawing ☐ Forms per local ordinance

☒ Other information (list): Original design (8/96). 2010 compliance inspection. All records on file at Washington Co.

Property address: 11000 Manning Av. S., Hastings, Mn. 55033 Inspector initials/Date: RJB | 6/2/2017 (mm/dd/yyyy)

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.

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)*

Comments/Explanation:

No excessive ponding in D-boxes. Ran water for 30 min. All effluent flowed to the second trench.

2. Tank Integrity – Compliance component #2 of 5

Compliance criteria:	
System consists of a seepage pit, cesspool, drywell, or leaching pit. *Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.*	☐ Yes ☒ No
Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks:	☐ Yes ☒ No

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

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)*

Comments/Explanation:

Effluent level in tanks normal before pumping. No visible faults in empty tanks. Baffles in place. Manholes to grade. Top of tanks 36" below grade.

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: 11000 Manning Av. S., Hastings, Mn. 55033 Inspector initials/Date: RaB 6/2/2017 (mm/dd/yyyy)

4. Soil Separation – Compliance component #4 of 5

Date of installation: 10/15/1996 (mm/dd/yyyy) ☐ Unknown

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: Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No
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
"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.

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	48"
B. Periodically saturated soil/bedrock	>84"
C. System separation	>36"
D. Required compliance separation*	36"

*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: _____ 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.

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.*

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Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Instructions on page 7

Parcel number: 3602721110001

System status: ☒ Compliant ☐ Noncompliant
(based on all compliance requirements)

For Local Tracking Purposes:

Summary Form

Property Information

Property owner name(s): Aurora Loan Servicing, LLC

Property address: 11000 Manning Ave. Cottage Grove, MN

Property owner's address (if different):

County: Washington Property owner phone: 800-930-8990 Permitting authority: Washington County

Date system constructed: 8/96 Reason for inspection: property transfer

System Description

Brief system description: type I, 2 septic tanks, drainfield

Local permit number: o.k. Number of bedrooms: 4 Design flow rate: 600g/pd

Is the system:

In Shoreland area? ☐ Yes ☒ No

In Wellhead Protection Area? ☐ Yes ☒ No

An U.S. Environmental Protection Agency (EPA) Class V Injection Well? ☐ Yes ☒ No

System serving a Minnesota Department of Health (MDH) licensed facility? ☐ Yes ☒ No

Compliance Status (Based on state requirements – additional local requirements may also apply.)

Based on the information gathered and reported on attached forms, the compliance status of this system is (check one):

☒ Certificate of Compliance – valid until *(3 years from date of report)*: 7/20/2013

☐ Notice of Noncompliance - For Noncompliant systems:

The reason for noncompliance is:

This noncompliant system is classified as (check one below):
☐ Imminent threat to public health & safety ☐ Failing to protect ground water ☐ Not in compliance with operating permit

Certification (Completed form must be submitted to the local unit of government within 15 days.)

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.

Name: Frank Bakke Certification number: C4209

Business license name and number: Mendota Environmental, LLC, L1718 or

Name of local unit of government:

Signature: Date: 7/23/10

Required Attachments

Inspector Complete: **This Inspection Report is 14 pages long.**

Check compliance forms attached: ☒ Hydraulic Performance ☒ Tank Integrity ☒ Soil Separation ☐ Operating Permit Form (if applicable) ☒ System drawing/As-built drawing ☐ An assessment of any local requirements that are different from what is required on this form ☐ Soil Boring Logs ☐ Abandonment form (if appropriate) ☐ Other information (list):

construction records

Upgrade Re
its use discontin water, the syste law, and has at local ordinance beverage, and i

and safety (ITPHS) must be upgraded, replaced, or dinance. If the system is failing to protect ground ance. If an existing system is not failing as defined in laced, or its use discontinued, notwithstanding any xication Areas, or those used in connection with food,

Post-it® Fax Note 7671	Date 7/23/10	# of pages ▶ 14
To Chris LeClair	From Frank	
Co./Dept. HELM	Co.	
Phone #	Phone # 612-414-6611	
Fax # 651 4306730	Fax #	

Parcel number: 3602721110001 System status: ☒ Compliant ☐ Noncompliant
(as determined by this form)

Hydraulic Performance and Other Compliance

Compliance Issue #1 of 4

Date of observation: 7/20/2010 Reason for observation: property transfer

This form expires upon next inspection or in three years, whichever occure first: 7/20/2013

Compliance questions/criteria: (Required)
(Check the appropriate box)

Does the system discharge sewage to the ground surface?	☐ Yes ☒ No
Does the system discharge sewage to drain tile or surface waters?	☐ Yes ☒ No
Does the system cause sewage backup into dwelling or establishment?	☐ Yes ☒ No
Do other situations exist that have the potential to immediately and adversely impact or threaten public health or safety (electrical, unsafe covers, etc.)?	☐ Yes ☒ No

Any "yes" answer indicates that the system is an imminent threat to public health and safety.

Does the system pose a threat to ground water for any conditions deemed non-protective as determined by the inspector?	☐ Yes ☐ No

"Yes" indicates that the system is failing to protect ground water. If "yes", describe the condition noted:

Verification Method*: (Optional)
(Check the appropriate box)

- ☒ Searched for surface outlet
- ☐ Performed hydraulic test
- ☒ Searched for seeping in yard
- ☐ Checked for backup in home
- ☐ Excessive ponding in soil system/D-boxes
- ☐ Homeowner testimony
- ☐ Examined for surging in tank
- ☐ "Black soil" above soil dispersal system
- ☐ System requires "emergency" pumping
- ☐ Performed dye test
- ☐ Other:

** No standard protocol exists. This list is not exhaustive, in sequential order, nor does it indicate which combinations are necessary to make this determination.*

Certification

This form is to be completed and attached to the Summary Form of the Minnesota Pollution Control Agency's (MPCA) **Compliance Inspection Form for Existing Subsurface Sewage Treatment Systems.** Observations, interpretations, and conclusions must be completed by an inspector. Completed form must be submitted to the local unit of government within 15 days.

Property owner name(s): Aurora Loan Servicing, LLC

Property address: 11000 Manning Ave. Cottage Grove, MN

Property owner's address (if different):

County: Washington Phone: 800-930-8990

I hereby certify that I personally made the observations, interpretations, and conclusions reported on this form and that they are correct.

Name: Frank Bakke Certification number: C4209

Business license name and number: Mendota Environmental, LLC, L1718 or

Name of local unit of government:

Signature: Date: 7/23/2010

Parcel number: 3602721110001 System status: ☒ Compliant ☐ Noncompliant
(as determined by this form)

Tank Integrity and Safety Compliance

Compliance Issue #2 of 4

Date of observation: 7/20/2019 Reason for observation: property transfer

This form expires on (three years): 7/20/2013

Compliance questions/criteria: (Required)
(Check the appropriate box)

Does the system consist of a seepage pit*, cesspool, drywell, or leaching pit?	☐ Yes ☒ No
Do any sewage tank(s) leak below their designed operating depth?	☐ Yes ☒ No

If yes, identify which sewage tank leaks. _____

Any "yes" answer indicates that the system is failing to protect ground water.

* Seepage pits meeting 7080.2550 may be compliant if allowed in ordinance by local permitting authority.

Verification Method:** (Optional)
(Check the appropriate box)

- ☐ Probed tank bottom
- ☐ Observed low liquid level
- ☒ Examined construction records
- ☒ Examined empty (pumped) tank
- ☐ Probed outside tank for "black soil"
- ☐ Pressure/vacuum check
- ☐ Other: _____

** *No standard protocol exists. This list is not exhaustive, in sequential order, nor does it indicate which combinations are necessary to make this determination.*

Safety Check

1.	Are any maintenance hole covers damaged, cracked, or appeared to be structurally unsound?	☐ Yes*	☒ No
2.	Were all maintenance hole covers replaced in a secured manner (e.g., all screws replaced)?	☒ Yes	☐ No*
3.	Was secondary access restraint present (safety pan, second cover, or safety netting) – highly recommended.	☐ Yes	☒ No
4.	Was any other safety/health issue present?	☐ Yes*	☒ No

Explain: _____

System is an imminent threat to public health and safety.

Certification

This form is to be completed and attached to the Summary Form of the Minnesota Pollution Control Agency's (MPCA) **Compliance Inspection Form for Existing Subsurface Sewage Treatment Systems.** Observations, interpretations, and conclusions must be completed by an inspector, maintainer, or service provider. Completed form must be submitted to the local unit of government within 15 days.

Property owner name(s): Aurora Loan Servicing, LLC

Property address: 11000 Manning Ave. Cottage Grove, MN

Property owner's address (if different): _____

County: Washington Phone: 800-930-8990

I hereby certify that I personally made the observations, interpretations, and conclusions reported on this form and that they are correct.

Name: Frank Bakke Certification number: C4209

Business license name and number: Mendota Environmental, LLC, L1718 or

Name of local unit of government: _____

Signature: _____ Date: 7/23/2010

Parcel number: 3602721110001 System status: ☒ Compliant ☐ Noncompliant *(as determined by this form)*

Soil Separation Compliance and Other Compliance

Compliance Issue #3 of 4

Date of observation: 7/20/2010 Reason for observation: property transfer

This information on this form does not expire.

Compliance questions/criteria: (Required)
(Check the appropriate box)

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:	
Does the system have at least a two-foot vertical separation distance from periodically saturated soil or bedrock?	☐ Yes ☐ No
For 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:	
Does the system have a three-foot vertical separation distance from periodically saturated soil or bedrock?*	☒ Yes ☐ No
For reduced separation distance systems (i.e., "performance" systems under old 7080.0179 or Type IV or V system under new 7080. 2350 or 7080.2400):	
Does the system meet the designed vertical separation distance from periodically saturated soil or bedrock?*	☐ Yes ☐ No

Any "no" answer indicates that the system is failing to protect ground water.

Verification Method:** (Optional)
(Check the appropriate box)

- ☒ Conducted soil observation(s) (attach boring logs)
- ☐ Two previous verifications (attach boring logs)
- ☐ Other: _____

Soil observation does not expire. Previous observations by two independent parties are sufficient, unless site conditions have been altered.

* *May be reduced by up to 15 percent if allowed in local ordinance.*

** *No standard protocol exists. This list is not exhaustive, in sequential order, nor does it indicate which combinations are necessary to make this determination.*

Certification

This form is to be completed and attached to the Summary Form of the Minnesota Pollution Control Agency's (MPCA) **Compliance Inspection Form for Existing Subsurface Sewage Treatment Systems.** Observations, interpretations, and conclusions must be completed by an inspector or designer. Completed form must be submitted to the local unit of government within 15 days.

Property owner name(s): Aurora Loan Servicing, LLC

Property address: 11000 Manning Ave. Cottage Grove, MN

Property owner's address (if different): _____

County: Washington Phone: 800-930-8990

I hereby certify that I personally made the observations, interpretations, and conclusions reported on this form and that they are correct.

Name: Frank Bakke Certification number: C4209

Business license name and number: Mendota Environmental, LLC, L1718 or

Name of local unit of government: _____

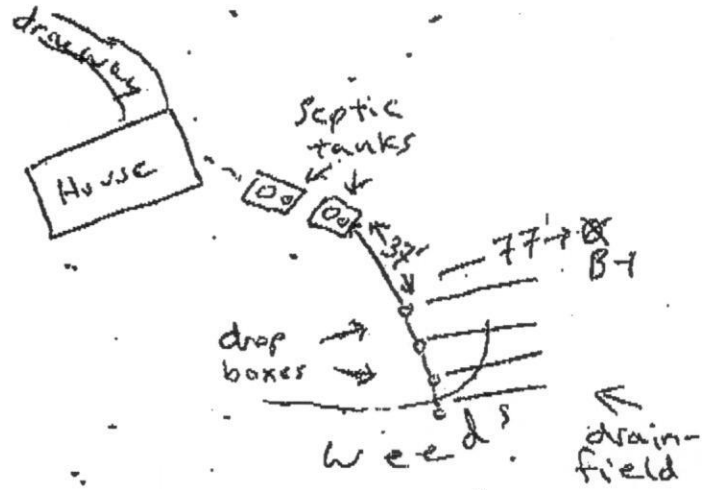
Signature: _____ Date: 7/23/2010

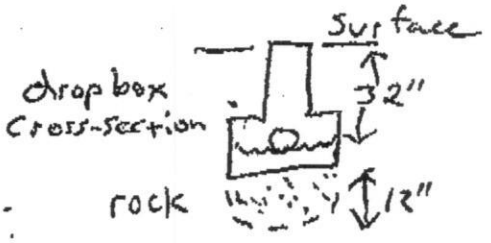
B-1	B-2
0"-28" 10YR2/2 loam 28"-45" 10YR3/3 Silt loam 45"-56" 7.5YR3/4 fine sand 56"-85" 10YR3/6 sand lenses of fine sand 70"-85" End of boring 85"	

11000 Manning Ave

N

Not to scale





11000 Manning Ave S.

A-1 EARTH SCIENCE TESTING™
A SOILS INFORMATION SERVICE COMPANY
P.O.BOX 187
FOREST LAKE, MN. 55025-187
464-7746

SOIL BORINGS & PERCOLATION TESTS

FOR: JOHN REUTER

10797 CEDAR HEIGHTS TR.

HASTINGS, MN. 55033

6 lots
65 well

LOCATION: PARCEL "A"

PT. OF NE ¼ - SEC. 36 - T 27 - R 21W

CITY OF COTTAGE GROVE, MN.

17.42 ACRES

Prepared by
HARRY E. WEAVER
MPCA CERT.# 551 - MHD. LIC'S # 2150-M

THE RESULTS OF THIS TESTING DOES NOT APPROVE OR DISAPPROVE BUILDING CONSTRUCTION OR INSTALLATION OF A SEPTIC SYSTEM ON THIS SITE. THIS TESTING INFORMATION SHOULD BE SUBMITTED TO THE APPROVING OFFICIALS FOR FORMAL REVIEW AND APPROVAL WHILE TEST HOLES AREA CLEARLY STAKED ONSITE.

A PROPOSED WASTE WATER TREATMENT AREA SHOULD BE PROVIDED WITH SOME TYPE OF VISABLE BARRIER TO PREVENT CONSTRUCTION TRAFFIC FROM ENCROACHING INTO THIS AREA AND POSSIBLY DESTROYING THE SOIL STRUCTURE WITHIN THIS AREA.

EARTH SCIENCE TESTING ™

SOILS INFORMATION COMPANY;

SOIL BORINGS

COTTAGE GROVE

BORING NO.1

0"-6"	*DARK BROWN FINE SANDY LOAM*
6"-14"	*BROWN FINE LOAMY SAND*
14"-6'9"	*LIGHT BROWN FINE TO MEDIUM SAND*
6'9"	*LIGHT BROWN FINE TO MEDIUM SAND , SMALL LIMESTONE ROCKS OBSTRUCTION , END BORING*

BORING NO.2

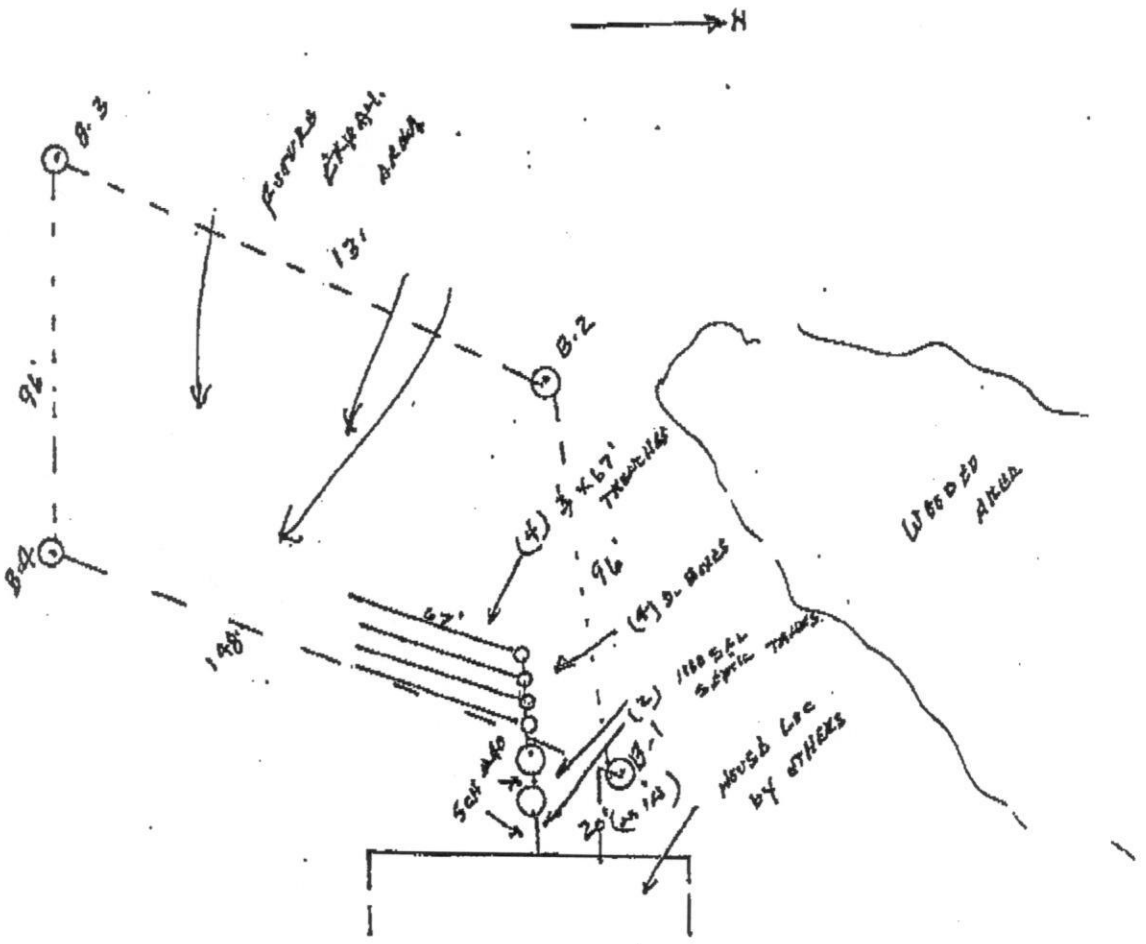
0"-40"	*DARK BROWN FINE SANDY LOAM*
40"-64"	*LIGHT BROWN VERY FINE SANDY LOAM AND SAND MIXED*
64"-7'0"	*LIGHT BROWN FINE TO MEDIUM SAND , SMALL LIMESTONE ROCKS*
7'0"	*OBSTRUCTION , END BORING*

BORING NO.3

0"-24"	*DARK BROWN FINE SANDY LOAM*
24"-32"	*BROWN FINE SANDY LOAM*
32"-8'0"	*LIGHT BROWN-TAN FINE TO MEDIUM SAND*
8'0"	*END BORING*

BORING NO.4

0"-4"	*DARK BROWN FINE SANDY LOAM*
4"-8"	*BROWN FINE LOAMY SAND*
8"-6'6"	*LIGHT TAN FINE LOAMY SAND*
6'6"-7'6"	*LIGHT YELLOW-TAN FINE LOAMY SAND, SMALL LIMESTONE ROCKS*
7'6"	*OBSTRUCTION , END BORING*



11000 Manning Ave
Last Page of Fax
14 Pages total

SCALE 1" = 40'

STANDARD SYSTEM DESIGN
INDIVIDUAL SEWAGE TREATMENT SYSTEM

Owner's Name NORCUTT HOMES INC. - JOHN RUETER - (RESIDENCE)	
Job Site Address PARCEL "A" PT. OF NE ¼ SEC. 36 - T 27 - R 21W	
City or Township CITY OF COTTAGE GROVE - WASHINGTON CO.	
Use of Building NEW HOME	

3-Bedrooms / 450 gal.

Design Flow Rate (600 MAX.) G.F.D. (3) BEDROOM - W/ 3'X 6' WHIRLPOOL TUB	Land Slope (8-10) Percent Average Percolation Rate (7) Mpi.
Required Tank Sizes Gallons (2-1000) Gallons	
Type of System - Standard (X), At grade ( ) or bed ( )	
System Size:= Square Feet(800') Lineal Feet(267 ') Trench Width(3')Feet	
Depth of rock below pipe (12")	Depth of Rock Above Pipe (2")
MINimum Depth of Trench (36") From Existing GradeInches	MAXimum Depth of Trench (48") From Existing GradeInches
Recommended Number of Trenches (4)	Recommended Length of Trenches (67')
Trench Spacing Measured Center to Center(7'-6")	
Any Other Special Conditions DROP BOXES TO BE USED - FOLLOW LAND CONTOUR IN TESTED AREA	

IF PRESSURE DISTRIBUTION IS USED, COMPLETE THE PRESSURE DISTRIBUTION WORK SHEET ATTACHED.

This design must be accompanied by a site plan that clearly shows the location of the area tested and approved by the following:

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show All property boundaries, rights-of-way, easements, wetlands. If necessary, an enlarged detail of the house site may also be required.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system.
5. Show location of water supply (well and/or community supply line).
6. Dimension all setbacks and separation distances.

Designer Name HARRY E. WEAVER PCA LIC'S. # 977
Address P.O. BOX 187 - FOREST LAKE, MN. 55025-0187 Phone # 464 - 7746
Signature Harry E Weaver

This plan is design for 267 lineal feet of pipe. Because this is a 3 bedroom House it is only required to have 191 Feet This plan is OK

DATE: _08/96_

LOCATION: _PARCEL "A" - PT. OF NE 1/4 - SEC. 36 - CITY OF COTTAGE GROVE, MN.

SEPTIC TANK : (_____2-1000_GAL.___) .

MINIMUM SQUARE FEET: (____800'_____)

MINIMUM LN. FEET: (_____267'_____)

WIDTH OF (TRENCH) : (_____3'_____)

NUMBER OF (TRENCHES) (_____4_____)

LENGTH OF (TRENCHES) : (_____67'_____)

NUMBER OF (DROP BOXES) : (____4_____)

SPACING OF TRENCHES: (_____7'-6"_____) CENTER TO CENTER

AMOUNT OF FILTER ROCK BELOW PIPE (S): (_____12"_____)

CUBIC YARDS OF FILTER ROCK REQUIRED: (____44____)= 62 TONS

DEPTH OF SYSTEM BOTTOM: (_____36"- 48"_____)