

**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): 6/6/2017

**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: 3102720330007

Property address: 12044 120th St. S, Town of Denmark, Hastings, MN Reason for inspection: Property Sale

Property owner: Sunrise Properties Owner's phone: \_\_\_\_\_

or  
Owner's representative: \_\_\_\_\_ Representative phone: \_\_\_\_\_

Local regulatory authority: \_\_\_\_\_ Regulatory authority phone: \_\_\_\_\_

Brief system description: Septic Tanks - Lift Station - Draifield Trenches

**Comments or recommendations:**

Recommendations: Pump septic tanks every 2-3 years for continued maintenance. Keep area of tanks and drainfield mowed free of excess vegetation. Monitor flows to the system to ensure that the system is not overloaded hydraulically or through waste strength.

### 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: Chris Bosshart Certification number: C2487

Business name: Environmental Design Group, Inc License number: L1955

Inspector signature:  Phone number: 651-341-6938

### Necessary or Locally Required Attachments

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

**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: 11/18/1998  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.

**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:**

See attached soil boring logs.

**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.**

**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.

# STANDARD SYSTEM DESIGN INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY HEALTH, ENVIRONMENT & LAND MANAGEMENT  
14900 N. 61ST STREET, P.O. BOX 3803, STILLWATER, MN 55082-3803  
612/430-6708 OR 612/430-6656 FAX 612/430-6730

Owner's Name	Fran Schneider
Job Site Address	12044 120 <sup>th</sup> St. So.
City or Township	Denmark Tshp
Use of Building	Auto Dealership.

Design Flow Rate	500	Perc Rate	7 mpi.	Land Slope	3	Percent
Two Required Tank Sizes	1000 Gallons	1000 Gallons	Lift Station Tank Size		Gallons	
Type of System (standard, at grade or bed) <b>Standard</b>						
System Size:	835	-Square Feet	280	-Lineal Feet	36"	-Trench Width
Depth of rock below pipe	12"	Depth of Rock Above Pipe	2			
MINimum Depth of Trench From Existing Grade	40	Inches	MAXimum Depth of Trench From Existing Grade	34	Inches	
Recommended Number of Trenches	3	Recommended Length of Trenches	95'			
Trench Spacing Measured Center to Center	7.5'	Feet				
Any Other Special Conditions <b>Flow rate figured:</b> 25 Employees at 15 gpd = 375 50 Customers at 2.5 gpd = 125 = 500						

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.

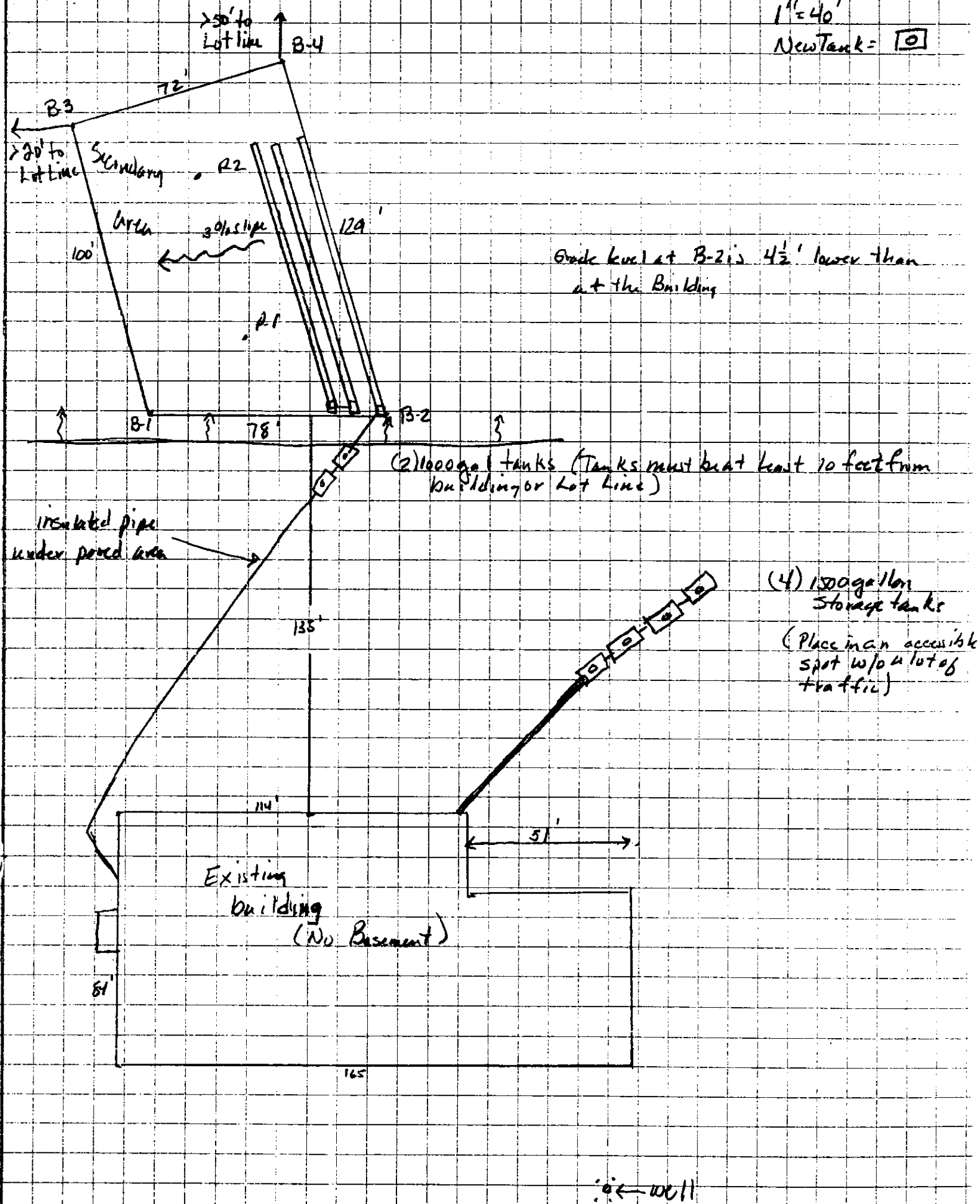
This system has been designed by a Pollution Control Agency (PCA) Certified Professional.

Designer Name <u>Barry Brown</u>	PCA Certification # <u>1772</u>
Address <u>3041 Woodlawn Dr. Woodbury 55125</u>	Phone # <u>651-735-7321</u>
Signature <u>Barry J. Brown</u>	Date <u>9-30-98</u>

An Equal Employment Opportunity/Affirmative Action Employer  
If You Need Assistance Due to Disability or Language Barrier, Please Call 430-6708 OR 430-6656 (TDD 439-3220)

2044 120<sup>th</sup> St. So. Denmark Tshp Wash Co.

N.  
1" = 40'  
New Tank = 



Grade level at B-2 is 4 1/2' lower than at the Building

(2) 1000 gal tanks (Tanks must be at least 10 feet from building or Lot Line)

(4) 1500 gallon Storage tanks  
(Place in an accessible spot w/o a lot of traffic)

••• ← well

# LOG OF SOIL BORINGS

job: 12044 120<sup>th</sup> St. S. Denmark Twp. Wash Co.  
 date: 9-22-98

Depth Feet	B1	B2	B3	B4
1	Dark Brown Sandy loam 10yr 3/3	Black sandy loam 10yr 2/1 Dark brown clay loam	Med brown sandy loam 10yr 4/3	Dark brown sandy loam 10yr 3/3 Med brown fine sandy loam
2	Med brown sandy loam 10yr 4/3	Dark brown fine to med sandy loam 10yr 3/3	Light brown loamy sand 10yr 6/3	Red brown med sand 5yr 4/3
3	Yellow brown loamy sand 10yr 5/4	Med brown loamy sand (fine) 10yr 4/3	Light brown fine sand 10yr 6/3	tan fine sand 10yr 7/4
4	Yellow brown loamy sand 10yr 5/4	Med brown loamy sand (fine) 10yr 4/3	Light brown fine sand 10yr 6/3	tan fine sand 10yr 7/4
5	Yellow brown med sand 10yr 5/4	Med brown loamy sand (fine) 10yr 4/3	Light brown fine sand 10yr 6/3	tan fine sand 10yr 7/4
6	Yellow brown med sand 10yr 5/4	Med brown loamy sand (fine) 10yr 4/3	Light brown fine sand 10yr 6/3	tan fine sand 10yr 7/4
7				
8				



# AS-BUILT REPORT INDIVIDUAL SEWAGE TREATMENT SYSTEM

Washington County Health, Environment & Land Management  
14900 61ST ST N, PO BOX 3803, STILLWATER, MN 55082-3803  
612/430-6708 or 612/430-6656 FAX 612/430-6730

Legal Description or Complete Street Address <b>12044 120<sup>th</sup> Street South, Denmark Township</b>		City or Township		
Owner Name <b>Fran Schneider</b>	Mail Address <b>14487 117<sup>th</sup> S Hastings mn. 55054</b>	City	State	Zip
Installer <b>Lorland sewer + water</b>	Mail Address <b>21720 Inga Ave Hampton mn. 55031</b>	City	State	Zip
Septic Tank Information Tank Manufacturer: <b>MINNESOTA PRECAST</b>		Liquid Capacity: <b>8500 gal.</b>		

PUMP CHAMBER (if installed)			
Tank Manufacturer: <b>MIN. PRECAST</b>	Liquid Capacity: <b>1000 gal.</b>	Horsepower of Pump: <b>3/4</b>	Type of Warning Device: <b>Indoor Alarm.</b>
Pump Discharge in Gallons Per Minute: Head <b>Sta-Rite</b>	at	Feet of	Number of Gallons Pumped Per Cycle: <b>700</b>

DRAINFIELD TRENCH		BED OR MOUND	
Width: <b>36"</b>	Length of Each Trench: <b>95'</b>	Rock Bed Length	Width: Area
Depth of Trench Bottom from Finished Grade: <b>25"</b>		Bed Depth from Grade.	
Method of Distribution: <input type="checkbox"/> Pressure <input type="checkbox"/> Distribution Box <input checked="" type="checkbox"/> Drop Box		MOUND: Upslope Sand Base Depth:                      Downslope Sand Base Depth:	
Depth of Rock Under Distribution Pipe: <b>12"</b>		Depth of Rock Under Pipe:	
Square Footage of Tested Area Used: <del>835</del> <b>7200</b>		<del>PRESSURE DISTRIBUTION SYSTEM:</del>	
Trench Bottom Square Footage Required: <b>835</b>	Area As Built: <b>2280</b>	Lateral Inside Diameter:	Length: Perforation Size.
		Spacing:	Number: Perforation Spacing

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: *Wesley Smith* MPCA License #: **553** Dated: **11-18-98**

ASBUILT FRM-DC 2/97

WASHINGTON COUNTY SEPTIC PERMIT NUMBER \_\_\_\_\_

AN EQUAL EMPLOYMENT OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER  
IF YOU NEED ASSISTANCE DUE TO DISABILITY OR LANGUAGE BARRIER, PLEASE CALL 430-6708 (TDD 439-3220).



**WASHINGTON COUNTY, MINNESOTA**  
 Department of Health, Environment,  
 and Land Management 612/430-6708

DENMARK TOWNSHIP  
 PERMIT NUMBER 000498020 SEWAGE PERMIT

Owner : FRANK SCHNEIDER  
 11157 177TH ST S  
 HASTINGS MN 55033  
 Applicant : LORLAND SEWER & WATER 651-437-6235

NEW DRAINFIELD PERMIT	150.00
SEPTIC APPLICATION/SOIL REVIEW	150.00
Total Fees :	300.00
Total Paid :	.00
Total Due :	300.00

**PERMISSION IS HEREBY GRANTED**

To execute the work specified in this permit on the following described property upon express condition that said persons and their agents, employees and workmen shall conform in all respects to the provisions of the Building Code, and/or Ordinances.

This permit may be revoked at any time upon the violation of any of the provisions of said code and ordinances.

Project Address : 12044 120TH ST S HASTINGS MN 55043  
 Legal Description: PT S1/2-SW1/4 312720 BEING E 540 FT SUBJ TO Geo : 11-027-20-33-0001

Flow Capacity 500 Gal/Day Tank Volume 2000  
 Soil Conditions: Depth to Restriction 72 Inches Perc Rate 7 Min/Inch

Soil Treatment Type:  
 Bottom Area 535 Rock Depth 12

**Authorized Work / Special Conditions**

- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
- Install water meter.
- Permit issued pending approval of design by MDH.
- All floor drains must be routed to approved flammable waste separator and holding tanks (4-1500).

\*\* Permit Expiration Date : Sewage treatment : 1999-10-20

A CERTIFICATE OF OCCUPANCY MUST BE REQUESTED AND ISSUED PRIOR TO USE OR OCCUPANCY OF WORK PERMITTED BY A BUILDING PERMIT.

\*\* This permit shall expire and be null and void if the work authorized by the Building Permit is not commenced within 60 days of the date of issuance or if work is abandoned or suspended for a period of 120 days. Term of the Building Permit is 12 months from date of issue. Term of sewage treatment permit is 12 months from date of issue.

Penalty for violation of any of the provisions of building code. Fine not to exceed Five hundred dollars (\$500.00) or imprisonment for not more than ninety (90) days, or both.

Permit Issue Date 1995-10-20 Code Enforcement Officer J. Council





DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
 GOVERNMENT CENTER  
 14949 62ND STREET NORTH P.O. BOX 6 STILLWATER, MN 55082-0006  
 Office: 651-430-8655 TTY: 651-430-6246 FAX: 651-430-6730

**Subsurface Sewage Treatment System Maintenance Permit**

This section must be completed in its entirety to constitute a valid maintenance permit. This permit must be completed prior to performing maintenance activities and remain on-site for the duration of the maintenance activity.

Date of Maintenance: 5/27/17 Reason for Maintenance: Routine  
 Property Address: 5000 1st St S Property Owner's Name: Summa Properties  
 City/State/Zip: St Paul MN 55105 Property Identification Number: \_\_\_\_\_  
 Maintenance Permit No: 13626673 Maintainer Name and License No. Meyer Sewer Service/ L915

Maintenance Performed	Tank Measurement (must be completed if tanks NOT pumped)
<input checked="" type="checkbox"/> Tank(s) Pumped <input type="checkbox"/> Sludge and scum measured Do tanks need to be pumped? <input type="checkbox"/> Yes <input type="checkbox"/> No (if no provide measurements)	Liquid Level of Tank _____ in Sludge Level in Tank _____ in Scum Level in Tank _____ in Sludge + Scum _____ / Liquid Level _____ X 100 = % Sludge & Scum _____ Tanks must be pumped if 25% or greater

- Access used to remove septage:  Maintenance Hole  Other (enter authorization code)
- Were all covers securely replaced?  Yes  No
- Is there evidence of tank leakage from a septic, holding, pretreatment or pump tank below the operating depth or evidence of damaged, cracked, or structurally unsound maintenance hole covers?  Yes  No

Tank	Leaking Out	Leaking In	Cover Damage
Septic/Holding Tank #1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Septic/Holding Tank #2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pretreatment Tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pump Tank	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

4. How many gallons of septage were removed?  
 Tank #1 1500 gal Tank #2 500 gal Pretreatment tank \_\_\_\_\_ gal Pump Tank \_\_\_\_\_ gal

5. Other information: List any troubleshooting, minor repairs conducted, tank safety concerns, or other concerns.  
Septic + 4 Holding tanks for shop were pumped

6. Location of septage disposal: MTP - St. Paul

Meyer Sewer Service, Inc.  
 5325 Manning Ave S  
 Afton, MN 55001  
 License Number: L915 P: 651-459-0162

Maintenance activities must be reported to the Department within 90 days.