


**DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT**

14949 62nd Street North P.O. Box 6

Stillwater, MN 55082-0006

Office: 651-430-6655 TTY: 651-430-6246 Fax: 651-430-6730

**Community** City Of Lake Elmo

**Permit Number** 2019-1243

**Owner** Schranz Michael G & Ruth G

**Owner Address** 5831 Hytrail Ave , Lake Elmo Mn 55042

**Applicant** Timothy Mercil

**PERMISSION IS HEREBY GRANTED**

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #206, Washington county Development Code, Chapter Four, Subsurface Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

**Project Address** \_\_\_\_\_

**Geo Code** 0902921220008

**Designer** David R. Brown

**Type of System: New Installation Mound**

Design Criteria	Mound Sizing	Pressure Distribution
Percolation Rate: 40.00 MPI	Rock Bed Width: 10.00 Feet	Number of Laterals: 3
Depth to Restriction: 14 Inches	Rock bed Length: 45.00 Feet	Perforation Spacing: 3.0 Feet
Land Slope 9.00 %	Absorption Width: 24.00 Feet	Perforation Diameter: 7/32 Inch
Flow Rate: 450.00 GPD	Depth of Clean Sand: 1.80 Feet	Lateral Diameter: 1-1/2 Inches
	Downslope Dike Width: 20.50 Feet	Total Dynamic Head: 15 Feet
	Upslope Dike: 9.60 Feet	Pump 1: 26 GPM
	Length of Dike: 74.90 Feet	
Tank Sizes		
Tank 1: 1000 Gallons		
Tank 2: 1000 Gallons		
Pump Tank 1: 1000 Gallons		

**Authorized Work/Special Conditions**

The granting of this permit does not alleviate the applicant from obtaining any other Federal, State, or local permits required by law for this project.

Back-up area for second future on-site system must be protected from all traffic., Building sewer can be no closer than 20 feet from well and must be pressure tested Schedule 40 within 50 feet., Call at least 24 hours before the time you need an inspection., Domestic strength waste only. Industrial waste and hazardous wastes cannot enter the septic system., Effluent Filter & Alarm Required on outlet of last tank in series, Establish a vegetative cover over the soil treatment area within 30 days of the installation. Protect the soil treatment area from erosion until the vegetative cover is established., Install a meter to monitor wastewater flow., Installer must verify head and elevation so the proper pump size is used., Install individual sewage treatment system as per approved design in area tested and shown on the site plan., Install only when soil is below the plastic limit (dry soil conditions)., Insulate tank lids to a value of R-10 if tanks are 2 feet or less from the surface., Pressurized laterals can be no further apart than 36 inches and require accessible cleanouts at the end of each lateral., Rope off and protect tested area from all vehicle traffic., This system must be installed by a certified/licensed sewage treatment system installer holding a current license with the Minnesota Pollution Control Agency. , Use of tanks registered with the Minnesota Pollution Control Agency required.

**Required Inspections: Final, Rough-Up, Soil Treatment Area, Tank Inspection**

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Permit Issuance Date: 08/06/2019

Permit Expiration Date: 08/05/2020

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Joe Sanders 08/06/2019 - Issued