

# Southwestern District Health Unit

227 16<sup>th</sup> Street West, Dickinson, North Dakota 58601

Telephone: (701) 483-0171 Toll Free: 1-800-697-3145 Fax: (701) 483-4097

## APPLICATION FOR SEWAGE & WATER FACILITIES

Type of Facility:

- Residential Home / Cabin (# of bedrooms \_\_\_\_\_)  Residential Garage / Shop  Man Camp  
 Commercial / Industrial Shop  RV / Trailer Park  Office Building  Other \_\_\_\_\_

**Minimum lot size for an onsite sewer system is 40,000 square feet.**

**If the system will be used by 25 or more people on a daily basis, have greater than 14 service connections, or for RV parks, have greater than 12 RV hook-ups, the plans will have to be approved by the ND Department of Health.**

General Information:

Owner: \_\_\_\_\_ Mail or Rural Address: \_\_\_\_\_ City: \_\_\_\_\_

Legal Description: \_\_\_\_\_ County: \_\_\_\_\_ Lot #: \_\_\_\_\_ Block: \_\_\_\_\_

Subdivision: \_\_\_\_\_ **\*\*Maximum number of people that will use the system daily: \_\_\_\_\_**

System Type: Septic Tank / Drainfield  Holding Tank

Septic Tank: (1000 gallon **working capacity** minimum.) Size: \_\_\_\_\_ gallons Number of Tanks: \_\_\_\_\_

Material: \_\_\_\_\_

Distance from: Foundation: \_\_\_\_\_ ft. Well: \_\_\_\_\_ ft. (50 ft. minimum for wells 100 ft. deep, or deeper if well is under 100 ft. deep, 100 ft. distance or greater is required)

Lake / Stream / High Water Level \_\_\_\_\_ ft. (100 ft. minimum)

Percolation Test or Soil Type: \_\_\_\_\_ Lift Pump: YES  NO  Diameter of Chamber: \_\_\_\_\_

---

Drainfield Information (if allowed): Type: Gravel-less  Rock/Perforated Tile

Distance From: Septic Tank: \_\_\_\_\_ ft. (10 ft. minimum) Stream/Lake/Drainage \_\_\_\_\_ ft. (100 ft. minimum)

Property Line: \_\_\_\_\_ ft. (10 ft. minimum)

Length of Drainfield Tile: \_\_\_\_\_ ft. (200 ft. minimum for gravel-less) Trench Width: \_\_\_\_\_

Width of Drainage Pipe/Chamber: \_\_\_\_\_

Depth of Pipe (top of pipe/chamber to surface) \_\_\_\_\_ in. (30 to 36 inches maximum- total trench depth should not exceed 48")

Depth of Rock under Perforated Pipe: \_\_\_\_\_ Size of Rock: \_\_\_\_\_ (washed gravel or crushed stone- No scoria allowed)

Total Amount of Absorption Area in Square Feet (length X width) \_\_\_\_\_ sq. ft.

**Please complete the information on the next page.**

**Well Information:** Type: Drilled  Dug  Bored  Community System

Depth: \_\_\_\_\_ Diameter: \_\_\_\_\_

Distance from: Sewer: \_\_\_\_\_ ft. (50 ft. minimum for wells 100 ft. deep or deeper, if well is under 100 ft. deep 100 ft. distance or greater is required.) Foundation: \_\_\_\_\_

Property Line: \_\_\_\_\_ Buried Tanks: \_\_\_\_\_ Body of Water: \_\_\_\_\_



Draw a diagram of the proposed or existing sewer and water system. Please make the drawing as accurate as possible. Must include the locations of the building, well, septic tank, lift pump, drainfield, and any sources of contamination. \*Please note some of the minimum & maximum distances on the front of the application. Be aware of topographical features. Sewer systems should not be installed in low-lying areas subject to flooding or areas subject to heavy water runoff. In areas of heavy soils or high water tables, the size of the drain field may need to be increased beyond that indicated on these plans.

NORTH ↑

---

**\*\* Area over the drainfield should have topsoil, seeded into grass and not be driven on to avoid compaction\*\***

---

I hereby submit the above information to be correct as to present or proposed installation:

Signature: \_\_\_\_\_ Installer: \_\_\_\_\_

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Town: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone #: \_\_\_\_\_

---

The proposed sewer and/or water system plans are hereby approved and subject to an onsite inspection before covering. This is only a plan approval; an onsite inspection is required for final approval. The Southwestern District Health Unit accepts no responsibility for systems that are designed improperly or not inspected at the time of installation.

\_\_\_\_\_  
(Date of Application)

\_\_\_\_\_  
(EHP signature for pre-approval)  
(Inspection may be required)