

# LINCOLN COUNTY ON-SITE WASTEWATER TREATMENT SITE WORKSHEET

## ADMINISTRATIVE INFORMATION

Landowner's Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Legal Description: \_\_\_\_\_ Lot Size \_\_\_\_\_

Certified Installer's Name/Phone Number: \_\_\_\_\_

Engineer's Name/Phone Number: \_\_\_\_\_

Contractor's Name/Phone Number: \_\_\_\_\_

## STRUCTURE INFORMATION

Type of Structure: (circle one) Residence Commercial Industrial Accessory Building Other:  
\_\_\_\_\_

Number of bedrooms: \_\_\_\_\_ Planned \_\_\_\_\_ Potential

Square footage of residence per bedroom: \_\_\_\_\_

Square footage of residence: \_\_\_\_\_ Finished \_\_\_\_\_ Unfinished

Water Use: (List by total number) \_\_\_\_\_ Automatic Washer \_\_\_\_\_ Dishwasher \_\_\_\_\_ Garbage Disposal  
\_\_\_\_\_ Hot tub or spa \_\_\_\_\_ Water Softener \_\_\_\_\_ Self Cleaning Humidifier in Furnace

## SOIL BORING

The locations of all percolation test holes and the soil boring hole shall be noted on the site plan on page 4.

Percolation test conducted by \_\_\_\_\_

Method of digging holes \_\_\_\_\_

Date test hole was prepared \_\_\_\_\_ Date/time test was performed \_\_\_\_\_

Average Percolation Rate: \_\_\_\_\_

Soil Boring Hole: Date Hole Made \_\_\_\_\_ Method of digging hole \_\_\_\_\_

Bottom of boring at \_\_\_\_\_ feet.

Standing water in hole \_\_\_\_\_ No \_\_\_\_\_ Yes at \_\_\_\_\_ inches of depth.  
\_\_\_\_\_ hours after boring.

## GENERAL SYSTEM DATA

\_\_\_\_\_ System Depth (max 4') \_\_\_\_\_ Tank Size (min 1000 gallons)

\_\_\_\_\_ Tank Manhole (max. 6-12" below ground level)

\_\_\_\_\_ Tank Inspection Pipes (at or near ground level)

\_\_\_\_\_ Tons of Rock \_\_\_\_\_ Barrier Material (fabric, paper, straw/hay)

\_\_\_\_\_ Type of Absorption System (trench, bed, mound, gravel less trench etc.)

GRAVITY DISTRIBUTION SYSTEM DATA (check appropriate item(s) :

- \_\_\_\_\_ Interconnected pipes (max 6" surface elevation difference over absorption area)
- \_\_\_\_\_ Distribution boxes (max 28" surface elevation difference over absorption area)
- \_\_\_\_\_ Drop boxes (no slope restrictions)

TRENCH DATA

- \_\_\_\_\_ Number of trenches (min 2) \_\_\_\_\_ Trench width (max 3')
- \_\_\_\_\_ Trench Lengths (max 100' each)
- \_\_\_\_\_ Distance between trenches (min 6' undisturbed soil)
- \_\_\_\_\_ Rock Over Pipe (min 2") \_\_\_\_\_ Rock Under Pipe (min 6")

ABSORPTION BEDS DATA

- \_\_\_\_\_ Bed Length (max 100') \_\_\_\_\_ Bed Width (max 15')
- \_\_\_\_\_ Number of Laterals \_\_\_\_\_ Lateral Spacing (max 5')
- \_\_\_\_\_ Depth of rock below pipe (min 6'. Max 30")
- \_\_\_\_\_ Depth of rock above pipe (min 2")
- \_\_\_\_\_ Distance from pipe to edge of rock bed (min 12", max 30")

HOLDING TANK

- \_\_\_\_\_ Tank size (min 1000 gal or 7 days flow)
- \_\_\_\_\_ Alarm (allows for three day flow after activation)

PRESSURE SYSTEM DATA

- \_\_\_\_\_ Dosing chamber gallons \_\_\_\_\_ Pump alarm
- \_\_\_\_\_ Chamber Manhole (6-12" below ground level)
- \_\_\_\_\_ Pump Riser (type and height)
- \_\_\_\_\_ Number of Laterals \_\_\_\_\_ Lateral Spacing (max 5')
- \_\_\_\_\_ Perforation Spacing on laterals
- \_\_\_\_\_ Distance from lateral to edge of rock bed (min 12", max 30")
- \_\_\_\_\_ Depth of rock below lateral (min. 9")
- \_\_\_\_\_ Depth of rock above lateral (min 2")

MOUND SYSTEM DATA

- \_\_\_\_\_ side slopes (max 1:3) \_\_\_\_\_ rock layer width (max 10")
- \_\_\_\_\_ rock layer length \_\_\_\_\_ down slope bank width
- \_\_\_\_\_ upslope bank width \_\_\_\_\_ total mound length
- \_\_\_\_\_ method of preparing soil beneath mound
- \_\_\_\_\_ separation depth of clean sand below rock bed (min. 12")

SEPARATION DISTANCE

Distance from:	To Sewage Tank	To Absorption Area
Well, cistern, reservoir	_____ (min 50-75')	_____ (min 100-150')
Lake, stream, impoundment	_____ (min 50')	_____ (min 100')
Pressurized water line	_____ (min 25')	_____ (min 25')
Dwelling, Occupied bldg	_____ (min 10')	_____ (min 20')
Trees or Dense Shrubs	_____ (min 0')	_____ (min 10')
Property Lines (all sides)	_____ (min 10')	_____ (min 10')

CERTIFICATION STATEMENTS

I hereby certify that the Wastewater Systems to be installed on the aforementioned legal property will be conducted in compliance with the requirements set forth in SDCL Chapter 334, A2 and the regulations of the South Dakota Department of Environment and Natural Resources ARSD 74:03:38 (As revised through August 8, 1994.) {74:03 Water pollution control program. Transferred to Articles 74:50 to 74:56, inclusive} I do also hereby affirm that I am currently certified septic installer in the state of South Dakota, that the above information and percolation data is correct and that the soil boring and perc test data is representative of the soils over the whole of the wastewater treatment site.

Signature & Certification Date of Installer \_\_\_\_\_  
Address \_\_\_\_\_  
Date \_\_\_\_\_

I hereby certify that I am a professional engineer licensed to practice in the State of South Dakota. I have reviewed all appropriate information and testing results on the aforementioned property. I hereby certify that I have designed and reviewed the plans and specifications for the Wastewater Systems to be installed on the aforementioned property and have provided a copy to the certified installer, the contractor, and the Planning and zoning office.

Signature & License Number of Engineer \_\_\_\_\_  
Address \_\_\_\_\_  
Date \_\_\_\_\_

I hereby certify that I have reviewed the requirements of Article 11. Section 1104. of Ordinance LC-0-1995-001 with title of Buildings and Uses to comply with State Standards for Wastewater Systems. I have received and reviewed a copy of the plans and specifications for the Wastewater Systems to be installed on the afore mentioned property.

Signature of property owner /contractor \_\_\_\_\_  
Address \_\_\_\_\_  
Date \_\_\_\_\_

References:

ARTICLE 74:53 Water Supply and Treatment Systems  
Chapter 74:53:01 Individual and small on-site wastewater systems.

ORDINANCE LC-0-1995-001

Article 11. Section 1104. Building & Uses to Comply with State Standards for Wastewater Systems.

For more information:

Septic Yellow Pages

[www.septicyellowpages.com](http://www.septicyellowpages.com)

Site Plan

