

Onsite Wastewater Permit Application

(605) 347-3818

To avoid delays in the application process, all items for the application request must be complete at the time of submittal. The contractor is responsible for verifying that all easement conditions and/or required setbacks are met. The contractor shall not start the installation, repair, alteration, replacement or upgrade prior to receiving approval from Meade County.

If State approval and/or variances are required, please attach a copy of the materials submitted to the South Dakota Department of Environment and Natural Resources as well as the approval letter.

The contractor is responsible for attaining all permits as required. Such permits may include an on-site wastewater permit, electrical permit, plumbing permit, or any other permit needed to complete the contracted work.

Address or legal description of property: _____

Number of finished bedrooms: _____

Unfinished area in home or structure: _____ ft²

Number of bedrooms this on-site wastewater system is designed for: _____

Garbage disposal: _____no _____yes (20% tank upsize – Minimum Tank Size 1500 gallons)

Water Source: _____City/Sanitary District _____Community Well _____Private Well on Lot _____Cistern

Read Carefully

It is understood that drainage is not to enter wastewater systems per Meade County Ordinance 33, Section 2.17 (contractor's initials): _____

The Contractor is responsible for providing an As Built at the final Observation (contractor's initials): _____

Contractor: _____ Contractor's Phone: _____

Property Owner's Name(s): _____ Property Owner's Phone: _____

Property Owner's Current

Address: _____

Onsite Wastewater Permit Application

(605) 347-3818

Soil Log

Check box if this is a tank replacement(s), an additional tank(s) is being added, or if it is a holding tank(s).

Address or Legal: _____ Parcel ID # _____

Soil Type

1 foot	
2 feet	
3 feet	
4 feet	
5 feet	
6 feet	
7 feet	
8 feet	

Comments:

Site Plan is required upon submittal.

County personnel will make an observation of water depth and bedrock depth only.

A minimum of one soil observation pit or three borings must be completed. An onsite system may be installed on a lot 20,000 square feet or larger if potable water is supplied by a public water system. A structure utilizing a private well for water must have a minimum lot size of one acre. These requirements do not apply if a holding tank or unconventional system is used.

Profile hole(s) must be within 15 feet of the drainfield or holding tank. The Contractor is responsible for protecting the public from open excavations.

Percolation Test Depth: _____(in) Diameter: _____(in) Date Prepared/Soaked: _____ Total Soak Time: _____(hrs)

Check box if percolation test is not needed because no soil treatment area work is being proposed.

Check box if a geotechnical report is attached.

Reading	Test A (minutes)	Start Time	End Time	Test B (minutes)	Start Time	End time	Test C (minutes)	Start Time	End Time
inch 1									
inch 2									
inch 3									
inch 4									
inch 5									
inch 6									
inch 7									
inch 8									
inch 9									
inch 10									
inch 11									
inch 12									
Average (mpi)									

A minimum of 3 percolation tests are required within 5' of the absorption system.

Completed by: _____ Signature: _____ Date: _____

Contractor/Installer Signature: _____ Date: _____

THE FOLLOWING MUST BE READ AND COMPLIED WITH BY ALL PERMIT RECIPIENTS

All provisions of the Laws and Ordinances of Meade County and the State of South Dakota governing the type of work being done will be complied with, whether specified herein or not. Unapproved applications are void 6 months following the application date. Approved applications expire one year from the date of issuance.

The granting of a permit does not presume to give authority to violate, cancel or set aside any of the provisions of the building ordinances or any other local law or ordinance regulating construction or the performance of construction in Meade County. The field observation(s) is/are primarily to determine compliance with the minimum sanitary requirements and does not cover items, such as quality of materials, structural soundness, electrical and mechanical design features. **Approval does not in any way release the applicant/owner from the responsibility that the on-site wastewater system will be operable when construction is completed.**

Is a public sewer system located within 400 feet of the structure?	YES	NO (if yes, connect to public sewer)
Easements and setbacks are verified by property owner / contractor (REQUIRED)	YES	NO (owner/applicant is responsible)
Commercial property, mound system or experimental system?	YES	NO (if yes, need State approval)
Is the property in the flood zone (If yes, is a flood plain development permit needed?)	YES	NO (owner/applicant is responsible)

Address or Legal: _____	Gravel/River Rock (depth below pipe): _____ inches
Anticipated maximum daily flow: _____ gpd	Chambers (brand/model): _____
Tank size(s): _____; _____; _____	Drop Box/Distribution Box (brand/model): _____
Tank material: _____; _____; _____	Pump (brand/model): _____
Tank manufacturer: _____	High water alarm (brand/model): _____
# of compartments _____; model (if applicable): _____	Filter (brand/model): _____
Lift Station Size(s): _____ gallons	Aerobic device/system (attach manufacturers specifications)

Type of treatment system (i.e. trench, mound, serial, bed, approved ATU , etc.): _____

Required area: _____ ft² - Reduction: _____ ft² = **Total Proposed:** _____ ft² (1200+ requires dosing / 1800+ requires alternate dosing)

[#of trench lines: _____ Trench length: _____ Trench width: _____] [Bed (length & width): _____ x _____]

RESIDENTIAL SYSTEM **COMMERCIAL SYSTEM** **INDUSTRIAL SYSTEM**

I hereby certify that the above information is true and complete and that all work will be in accordance with Meade County Ordinance.

Printed name of County Licensed/
State Certified Installer: _____ Phone: _____

Signature of County Licensed/State
Certified Installer: _____ Date: _____

Meade County use only

Conditions for approval: _____

Reviewed by: _____ Date: _____ Meade Co. Planning Office
(605) 347-3818

Onsite Wastewater Permit Application

(605) 347-3818

A	Wells > 100 ft deep
B	Wells < 100 ft deep, springs, or water suction lines
C	Cisterns or Reservoirs
D	High-water line of lakes, streams, or impoundments (meandered or ordinary, whichever is higher)
E	Pressurized water lines
F	Dwelling or occupied building
G	Property line - all sides

Ground and Terrain Features							
Wastewater System Components	A	B	C	D	E	F	G
Septic tank, aerobic system, or holding tank	50	75	50	50	25	10	10
Absorption field, mound, evapo-transpiration, seepage pit, or graywater system	100	150	100	100	25	20	10
Sewer lines of tightly jointed tile or equivalent material	50	75	50	50	10	0	0
Sewer lines – materials, construction, testing comply with AWWA standards for water mains	30	30	25	3	10	0	0
Advanced Treatment Systems	50	75	50	50	25	0	10

Please consider future pumping, repairs, sensitive area setbacks, and additions. Also, consider a backup treatment area and future connections to sanitary sewer.

Printed Name of Designer: _____ Business Name: _____
 Signature of Designer: _____ Date: _____

SITE PLAN (BELOW)

Proposed Design See Attached Sheet(s) 

Please show all system components and all that apply in A-G as well as all easements and impervious surfaces. Include the setback distances. The contractor is responsible for meeting all setbacks. The County will not verify property lines.

Onsite Wastewater Permit Application

(605) 347-3818

A	Wells > 100 ft deep
B	Wells < 100 ft deep, springs, or water suction lines
C	Cisterns or Reservoirs
D	High-water line of lakes, streams, or impoundments (meandered or ordinary, whichever is higher)
E	Pressurized water lines
F	Dwelling or occupied building
G	Property line - all sides

Ground and Terrain Features							
Wastewater System Components	A	B	C	D	E	F	G
Septic tank, aerobic system, or holding tank	50	75	50	50	25	10	10
Absorption field, mound, evapo-transpiration, seepage pit, or graywater system	100	150	100	100	25	20	10
Sewer lines of tightly jointed tile or equivalent material	50	75	50	50	10	0	0
Sewer lines – materials, construction, testing comply with AWWA standards for water mains	30	30	25	3	10	0	0
Unconventional systems	50	75	50	50	25	0	10

“As Built” Provided by Contractor

Address or Legal Description: _____

See Attached Sheet(s)



Please show all system components and all that apply in A-G as well as all easements and impervious surfaces. Include the setback distances. The contractor is responsible for meeting all setbacks. The County will not verify property lines.

I hereby certify that the installation, repair, upgrade or alteration related information submitted is true and correct, and that, in the exercise of my reasonable professional judgment, the work completed complies with the Meade County wastewater system rules, Ordinance No. 33 and the State of South Dakota Article 74:53 Water and Supply treatment Systems Rules.

Printed Name of County Licensed/State Certified Installer: _____

Signature of County Licensed/State Certified Installer: _____ **Date:** _____