Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380247701

Issued 05/30/02
Expires 11/30/02
Revenue Code 3157

Establishment

GLENN RINGLAND
T8N R8E SEC 16 QTR NE
W 1/2
14363 WITTSTRUCK RD-BENNET

FEES: $200.00

TOTAL: $200.00

Permittee

GLENN RINGLAND
14363 WITTSTRUCK RD
BENNET NE 68317

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

002302

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

A

Permit Number: 023802477

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 14363 WITHSTRUCK RD (no rural route) City Bennet NE, Zip 68317

Legal Description W½NE 16 8N 8E
(1/4 / 1/4 / Section / Township / Range / Subdivision / Addition / Block / Lot)

Geographical Location (if known): Longitude _____ Latitude _____

☑ Check if system mail address is not the same as the owner's address

B. Owner

Name Glenn Ringland Signature Glenn Ringland

Address 14363 WITHSTRUCK RD City/State/Zip Bennet NE 68317

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name HARPER WELL (LEONARD) Company Name HARPER WELL & PLUMBING INC

Address P.O. Box 15 City/State/Zip Adams NE 68301

☑ Check if contractor designed system Work Phone 402 - 432-2204 - 908-2055

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name _____ Firm _____ Work Phone _____

E. This System Will Serve a

☑ Residential Dwelling Number of Bedrooms 2 Is there a Whirlpool Bathtub YES (NO)

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day _____ Type of Wastewater: ☑ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☒ County Resolution No. 2832

1. **Health Department** Date rec'd 5/30/02 Date frwd 5/31/02 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5/31 Date frwd 5/31 ACTION ☑ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 5/31/02 Date frwd 5/31/02 ACTION ☒ Approved ☐ Disapproved Signature _____

NOT IN FLOOD PLAIN. J.C.H.

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date NOVEMBER 21, 2003

Business Office Use Only

Date Rec'd 05/30/02
Amt Paid 200.00
Rec'd By _____ Cash/Check No. 2462

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

B

Permit Number: 02380247 7

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 14363 WITHSTRUCK RD (no rural route) City Bennet NE, Zip 68317

Owner Glenn Ryland Address 912 12th AVE KEARNEY NE 68845

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: _____ min./inch

Date of Tests 5/4/02 to 5/5/02 Weather: Precipitation — Temperature 55°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. Results		
		Start		End		Start			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	34"	5/4	11:00	5/4	5:00	5/5	8:30	12"	5/5	4 HRS	60	2"	
2	36"	5/4					8:30	12"	5/5	4 HRS	60	2"	
3	36"	5/4					8:35	12.14	5/5	4 HRS	60	2 1/8"	
4	36"	5/4					8:38	12.	5/5	4 HRS	60	2"	
5	34"	5/4					8:45	12.5"	5/5	4 HRS	60	2 1/4"	
6	36"	5/4	11:20	5/4	5:00		8:45	12"	5/5	4 HRS	60	2"	

Person Conducting Percolation Tests

Name: Hooper Well & Plumbing INC

Phone: 402 988-2055

Address P.O Box 15

Adams NE 68301

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: _____

600 SQ FEET
4' x 150' EQ 24

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

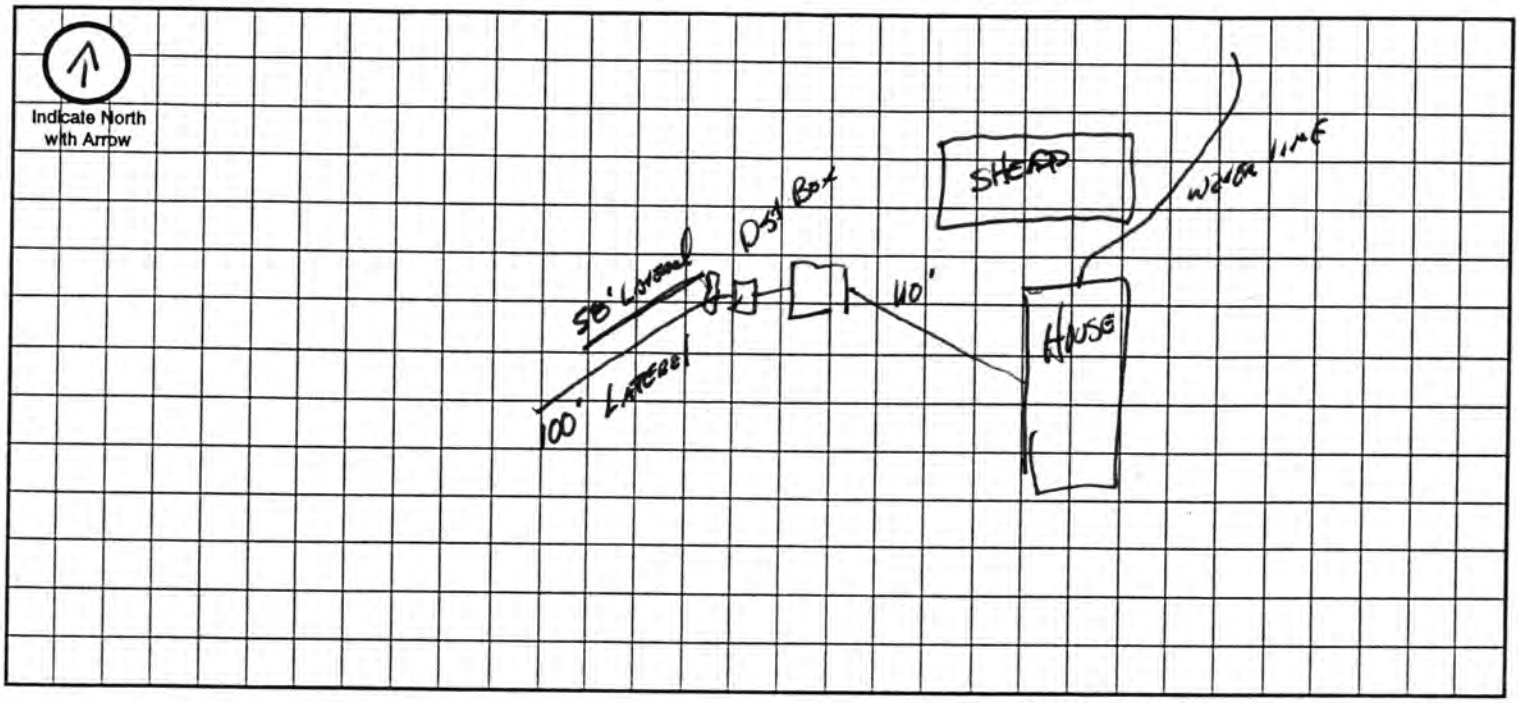
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 023802477

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 14363 WITHSTRUCK RD City Bennet NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate _____ (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

Type of Absorption System: ☐ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: _____ sq. ft.

Type of Lateral: ☑ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

Capacity of Septic Tank 1000 gals Number of Absorption Beds: 2 Number of Distribution Laterals per Bed _____

Total Length of Laterals 100' ft. Number of Trenches 2 Trench Width 4'

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor _____ Date _____

Installer Morgan Wells & Plumbing INC Date 5/21/02

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

D

Permit Number: 023802477

Sewage Disposal System

As Built Plans & Specifications

Date 5/21/02

System Location (Indicate correct number and street)

Address 14363 WITHSTEUCK RD (no rural route) City Bennet NE, Zip _____

A. Building Sewer

1. Material: PVC
   Diameter: 4" PVC SDR 21 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 60" in.
3. Distance between dwelling and septic tank: 110' ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: _____
2. Capacity: 1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 3" in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 10' ft.

D. Absorption Field

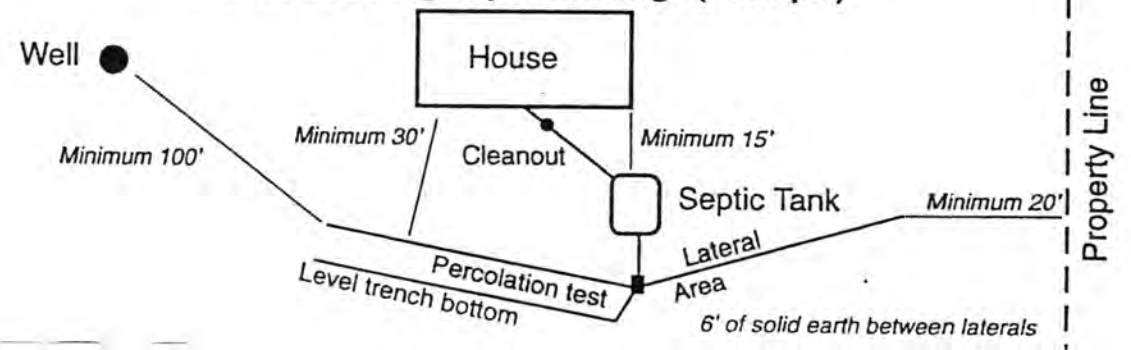
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: EQ 24
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 100' 1# ft. 58' 2# ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4' ft.
   Slope 2" in/100 ft.
   Average depth 36" in
4. Filter material: GRAVEL 47 B
   Depth of material 24" in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

Complete "As Built" drawing on back of this form.

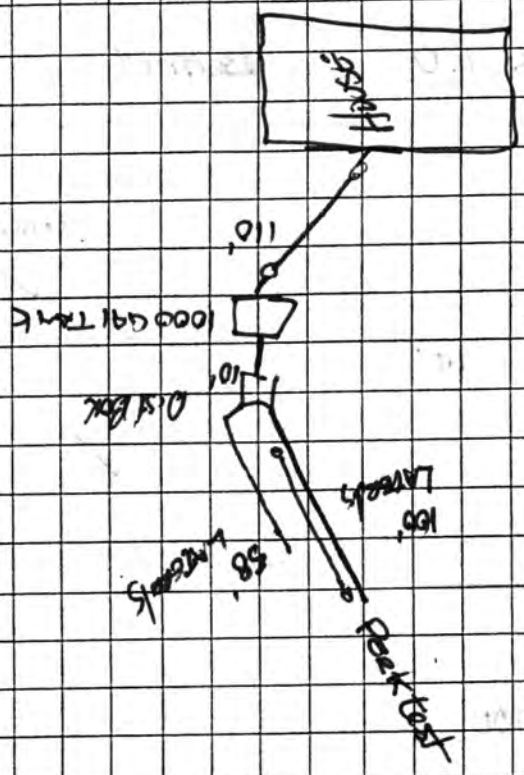
Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

Indicate North with Arrow



Approximate Scale: _____ ft. = _____ grid line/s