Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 99380206501

Issued 08/18/99
Expires 02/18/00
Revenue Code 3157

FEES: $150.00

TOTAL: $150.00

Establishment

DENNIS FREY
T9N R5E SEC 29
LOT 9IT
12300 W BEAM HILL RD-DENTON

Permitee

DENNIS FREY FOR G COLEMAN
RR0001
BOX 000088A
HICKMAN NE 68372

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

010882

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

A

Permit Number:

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 12300 W. Beam Hill Rd (no rural route) City Denton NE, Zip

Legal Description 1/4 29 1/4 Section 9N Township 5E 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 Coeff Coleman Signature

Address City/State/Zip

☐ Check if owner designed system Home Phone Work Phone

C. Contractor

Name Dennis Frey Company Name Frey Const Inc

Address City/State/Zip RT 1 Box 88A Hickman 68372

☐ Check if contractor designed system Work Phone 560-2211

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

Designer Name Dave Vogt Firm Vogt Excavation Work Phone 560-4267

E. This System Will Serve a

☑ Residential Dwelling Number of Bedrooms 3 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 8/18/99 Date frwd 8/19/99 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8/19/99 Date frwd 8/19/99 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 08/19/99 Date frwd ACTION ☒ Approved ☐ Disapproved Signature 08/19/99

10/6/99 Need drawing. J. Cox

Installation Final Written Approval

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

Date OCTOBER 14, 1999

Business Office Use Only

Date Rec'd 8/18/99
Amt Paid 150.00
Rec'd By CW Cash/Check No. 7272

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

Lincoln-Lancaster County Health Department
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Phone: 402-441-8022

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 12300 W Beam Hill Rd City Denton NE, Zip
(no rural route)

Owner Geoff Coleman Addresss

Soil Type (SCS): Steinauer Clay Loam (with sand symbol) Percolation Rate: 32 min./inch

Date of Tests 8-12-99 to 8-13-99 Weather: Precipitation None Temperature 82°

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	30"	8-12	9:30	8-13	1:00	8-13	1:00	6	8-13	1:30	30	.875	34.29
2	"	"	"	"	"	"	"	6	"	"	30	.875	34.29
3	"	"	"	"	"	"	"	6	"	"	30	1	30
4	"	"	"	"	"	"	"	6	"	"	30	1	30
5	"	"	"	"	"	"	"	6	"	"	30	1	30
6	"	"	"	"	"	"	"	6	"	"	30	1	30

Person Conducting Percolation Tests

Name: Dave Vogt
Phone: 560-4267
Address P.O. Box 181
Elmwood, NE 68349

Sum of Percolation Rates: 188.58
Average of Rates: 31.43
Rate Used for Calculation: 32

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date 8/18/99

FORM 23-101 10-96

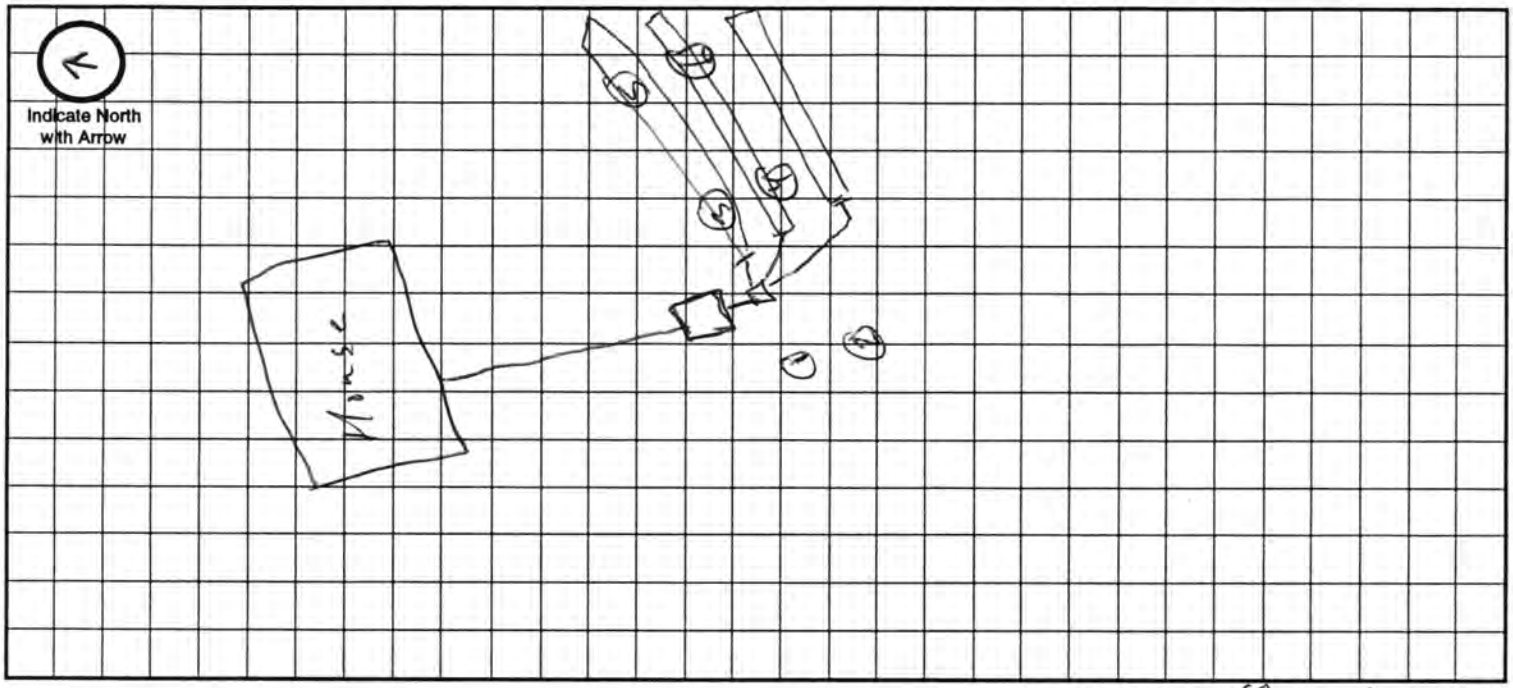
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Environmental Health Division
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Phone: 402-441-8022

C

Permit Number:

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: 10 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) _____ City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 32 (min. per inch) Soil Type: STEINAUER CLAY LOAM (WITH SAND SYMBOL Land Slope: 10 %

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

Total Square Feet of Field Required: 794 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: Ig Filtrate

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 260 / 194 ft. Number of Trenches 3 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 8-18-99

Installer _____ Larry Schwarck 10-6-99 Date 8-17-99

FORM 23-102 10-96

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

OCT 8 1999

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10-6-99

System Location (Indicate correct number and street)

Address 12300 W Beam Hill Rd (no rural route) City Denton NE, Zip

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 82 ft.
4. Number of clean-outs: 1 in house
5. Distances to: well or suction line ____ ft.
   stream ____ ft.
   pressure line ____ ft.
   property line ____ ft.

B. Septic Tank

1. Material: Precast
   Number of compartments: ____
2. Capacity: 1250 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: 6 in.
8. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

C. Distribution Box

1. Material: 2 plastic
   Number available outlets: ____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 29' & 45' ft.

D. Absorption Field

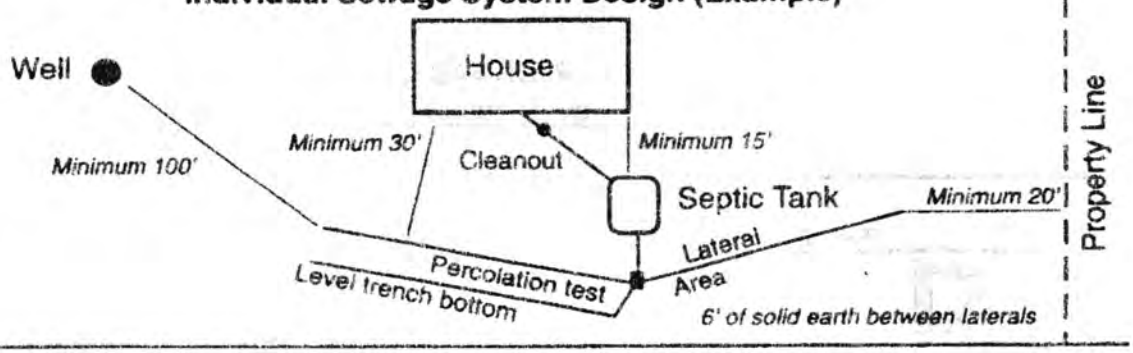
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: 15" Infiltrator
   or perforated pipe: ____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   68 ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 3 in/100 ft.
   Average depth 28 in
4. Filter material: Road Gravel
   Depth of material 16 in.
5. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



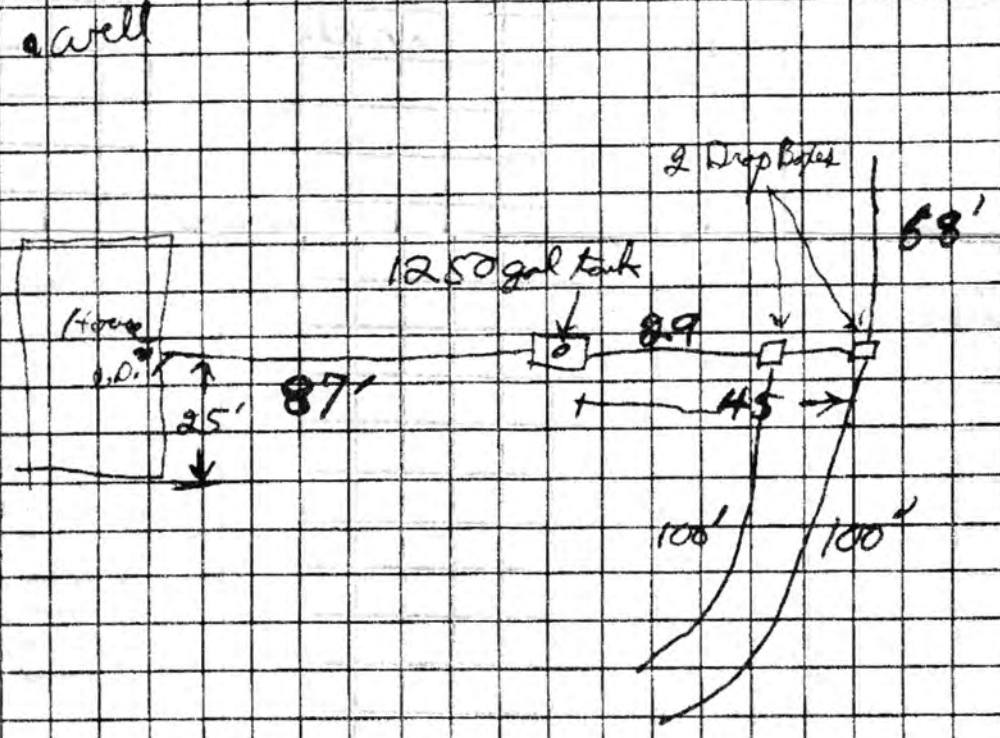
FORM 23-103 10-96

T 9 - R 5 - Sec 29

As Built Drawing by Larry Schwark

10-6-99 for Dennis Frey 12300 W Beam Hill Rd.

Indicate North with Arrow



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