Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380213801

Issued 01/13/00
Expires 07/13/00
Revenue Code 3157

FEES: $150.00

Establishment

MATTHEW PENLAND
T10N R5E SEC 3 QTR NW
IRREGULAR TRACT LOT 12IT
9601 W FLETCHER AVE-MALCOLM

TOTAL: $150.00

Permitee

MATTHEW PENLAND
5900 N 27 ST
LINCOLN NE 68521

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

011608

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

A

Permit Number: 20380213801

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 9601 W. Fletcher Ave (no rural route) City Malcolm NE, Zip 68502

Legal Description Lot 12 NW Quarter 3 10N 5E 12 IT
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 Matthew Penland Signature Matthew Penland

Address 5900 N 27th ST City/State/Zip Lincoln Ne 68521

☐ Check if owner designed system Home Phone 438-6105 Work Phone 474-0642

SEND TO

C. Contractor

Name Matthew Penland Company Name _____

Address 5900 N 27th ST City/State/Zip Lincoln Ne 68521

☐ Check if contractor designed system Work Phone 525-9499

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

Designer Name John Struhmyer Firm Excavating Work Phone 430-6023

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 12-30-99 Date frwd 1/3/00 ACTION ☒ Approved ☐ Disapproved Signature John T Meier
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 1/3/00 Date frwd 1/3/00 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 1-3-00 Date frwd 1-3-00 ACTION ☒ Approved ☐ Disapproved Signature Chase Baker

Installation Final Written Approval

By Paul Dittman

Date 4-28-00

Business Office Use Only
Date Rec'd 12-30-99
Amt Paid 150.00
Rec'd By RW Cash/Check No. 1191

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: 003802 13801

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 9601 W. Fletcher Ave City Malcolm NE, Zip 68502
(no rural route)
Owner Matthew Penland Address 5900 N 27th ST Lincoln Ne 68521
Soil Type (SCS): Silty clay loam (Sharpsburg) Percolation Rate: _____ min./inch
Date of Tests 12/26/99 to _____ Weather: Precipitation _____ Temperature 50°

Percolation Test Data Table

1999

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	12/26	10:00	12/27	10:00	12/27	1:00	6	12/27	1:30	30	1	30
2	28	12/26	10:00	12/27	10:00	12/27	1:00	6	12/27	1:30	30	7/8	34
3	31	12/26	10:00	12/27	10:00	12/27	1:00	6	12/27	1:30	30	1 1/8	27
4	30	12/26	10:00	12/27	10:00	12/27	1:00	6	12/27	1:30	30	1 1/8	27
5	29	12/26	10:00	12/27	10:00	12/27	1:00	6	12/27	1:30	30	1	30
6	30	12/26	10:00	12/27	10:00	12/27	1:00	6	12/27	1:30	30	3/4	40

Sum of Percolation Rates: 188
Average of Rates: 31.33
Rate Used for Calculation: 31

Person Conducting Percolation Tests

Name: John Strohmyer
Phone: 430-6023
Address _____

4' wide infiltrator
200'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks APPROVED.

Signature of Reviewing Official _____ Date 12-30-99

FORM 23-101 10-96

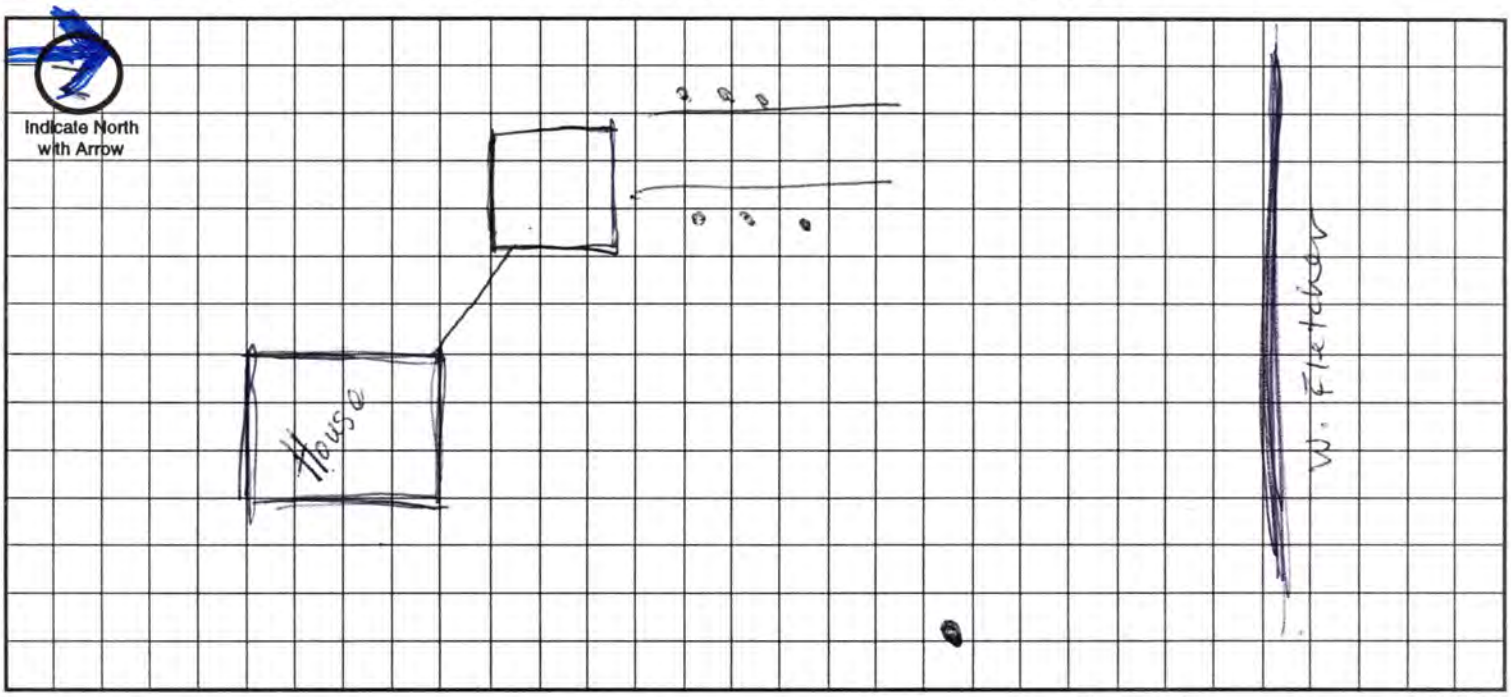
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 00380213801

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) 9601 W Fletcher Ave City Malcolm NE, Zip 68502

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other N.A. Lagoon System

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

Percolation Rate _____ (min. per inch) Soil Type: SHARPSBURG Silty Clay Loam Land Slope: 10 %

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

Total Square Feet of Field Required: 800 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: TRENCH WITH 4' Wide Infiltrator

Capacity of Septic Tank 1250 gals Number of Absorption Beds: 2 Number of Distribution Laterals per Bed 1

Total Length of Laterals 200 ft. Number of Trenches 2 Trench Width 4 ft

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 Matthew Ruland Date 12/30/99

Installer John Shumway Date _____

FORM 23-102 10-96

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

APR 26 2000

D

Permit Number: 0038021380 1

Sewage Disposal System

As Built Plans & Specifications

Date 4-22-00

System Location (Indicate correct number and street)

Address 9601 W Fletcher (no rural route) City Lincoln NE, Zip NE

A. Building Sewer

1. Material: PVC sch. 40
   Diameter: 4 in.
2. Distance above basement floor: / in.
   or distance below basement floor: 3'6" in.
3. Distance between dwelling and septic tank: 129' ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 275 ft.
   stream / ft.
   pressure line 30 ft.
   property line 200' ft.

B. Septic Tank

1. Material: concrete
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter / in.
   Over outlet, diameter / in.
   Riser: ☐ above ☐ below grade 2 in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 20 in.
8. Distances to: Well or suction line 350 ft.
   Stream / ft.
   Pressure line 100 ft.
   Property line 59 ft.

C. Distribution Box

1. Material: concrete
   Number available outlets: 2
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 28 or 46 ft.

D. Absorption Field

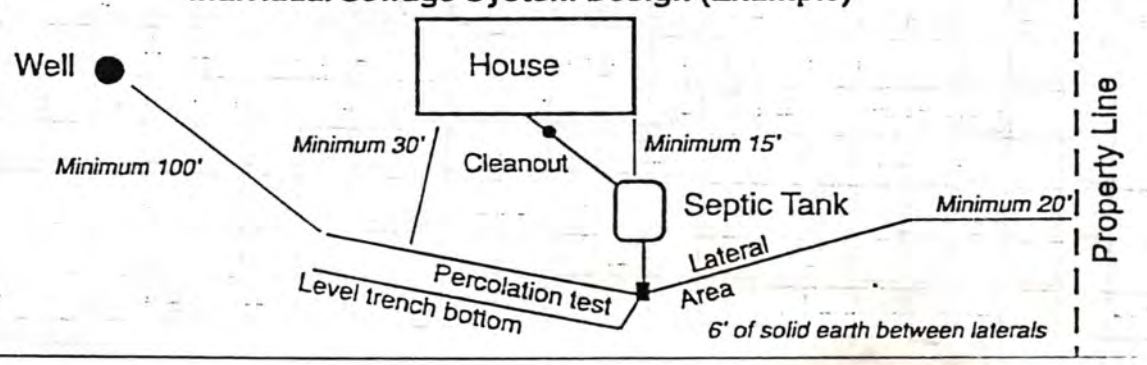
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 3'
   or perforated pipe: H10 Standard infiltrator
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 2
   Length of each line: 100 ft. 100 ft.
   ft. ft., ft.
3. Trench dimensions: Width 4 ft.
   Slope level in/100 ft.
   Average depth 30" in
4. Filter material: gravel
   Depth of material 16" in.
5. Distances to: Well or suction line 350 ft.
   Stream / ft.
   Pressure line 100 ft.
   Property line 59 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

