Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380247501

Issued 05/28/02
Expires 11/28/02
Revenue Code 3157

Establishment

CHRIS PETERSEN
T9N R6E SEC 16
PESTER RIDGE ESTATES BLK 2 LOT 3
6600 SW 25 ST

FEES: $200.00

Permittee

CHRIS PETERSEN
6315 KNOX ST
LINCOLN NE 68507

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

002299

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

A

Permit Number: 02380247 3

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 6600 SW 25TH (no rural route) City LINCOLN NE, Zip 68516

Legal Description 1/4 1/4 Section 16 Township 9N Range 6E Subdivision PESTER RIDGE ESTATES Addition Block 2 Lot 3

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name CHRIS PETERSEN Signature _____

Address 6315 KNOX City/State/Zip LINCOLN NE. 68507

☐ Check if owner designed system Home Phone 423-5000 Work Phone _____

C. Contractor

Name SAMUEL D. BOONE Company Name BOONE CONST.

Address 3716 NW. 57TH City/State/Zip LINCOLN NE 68524

☐ Check if contractor designed system Work Phone 440-6642

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

Designer Name MID. CONN. Firm _____ Work Phone _____

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 5/28/02 Date frwd 5/29/02 ACTION ☒ Approved ☐ Disapproved Signature Jerrold E. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5/29/02 Date frwd 5/29/02 ACTION ☒ Approved ☐ Disapproved Signature Gary Spier
3. **City or County Engineer** Date rec'd 5/29/02 Date frwd 5/29/02 ACTION ☒ Approved ☐ Disapproved Signature Chase Burke

7/30/02 Sewer, tank + 2 laterals. J.C.H. 3rd lateral 7/31 need drawing

Installation Final Written Approval

By Doug Arnold

Date 8/27/02

Business Office Use Only

Date Rec'd 5-28-02
Amt Paid 200.00
Rec'd By CW Cash/Check No. 2275

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

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B

Permit Number: 023802475

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street) 6600 SW 25th

Address SW25 & Pesterridge 1/2 M N of Denton (no rural route) City _____ Need to fill in Correct address Zip _____

Owner Chris Petersen Addresss 6315 Knoll - 68507

Soil Type (SCS): ~~WYMORE 466 1954~~ SILTY CLAY LOAM Percolation Rate: 60 min./inch

Date of Tests 6/27 to 6/28-00 Weather: Precipitation _____ Temperature _____

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	6-27	3:30	6-28	11:00	6-28	2:30	15		3:00	30	1/2	60
2	"							17 1/2				1/2	60
3	"							14 3/4				3/4	40
4	"							19				1/2	60
5	"							17				1/2	60
6	"							17 1/4				1/2	60

Person Conducting Percolation Tests

Name: Mendro Mulke Schwanck Engineering

Phone: 489 7294

Address 8200 Old Cheney

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: 60

1400 sq. ft.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

SW 25th Pesteridge

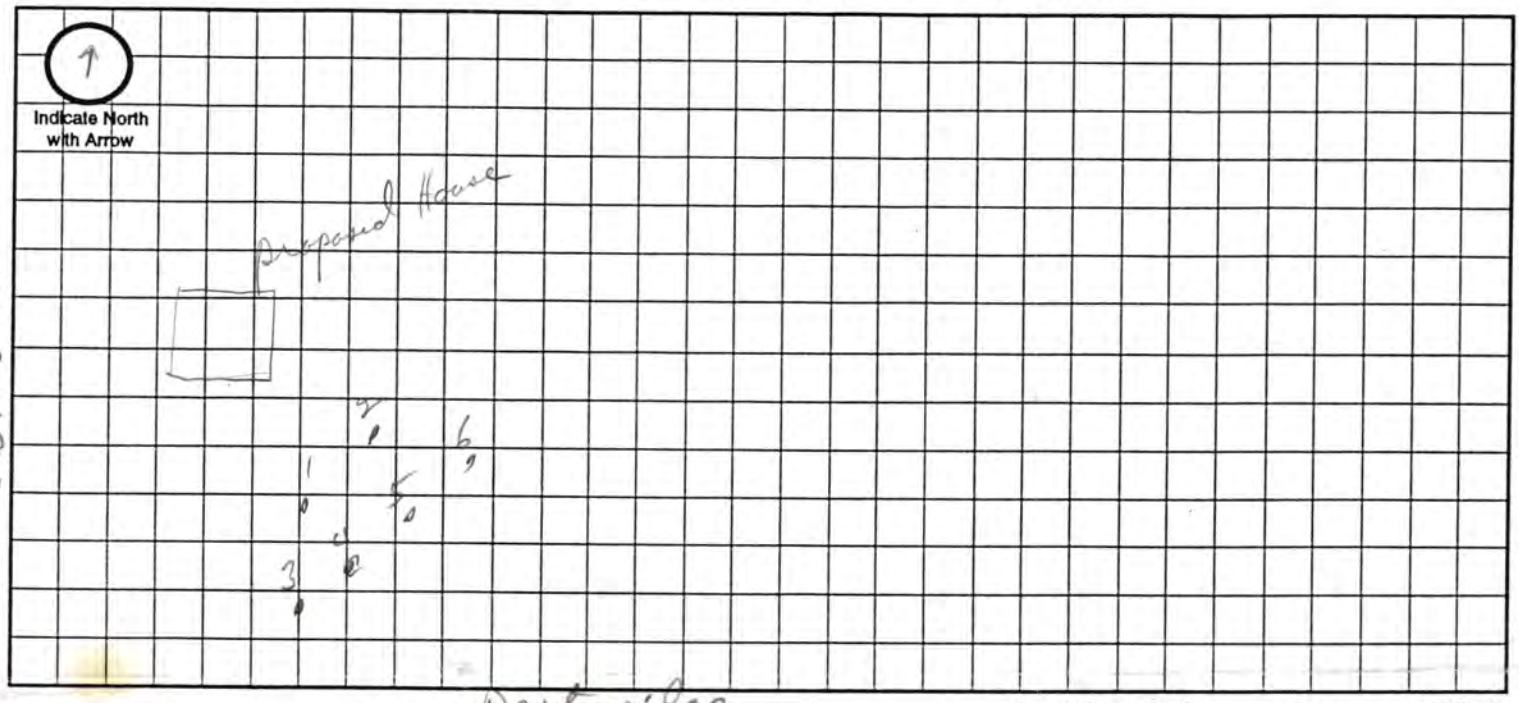
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Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 023802475

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) Need to fill in correct address City 6600 SW 25th NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 60 (min. per inch) Soil Type: WYMORE SILTY clay LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 1050 sq. ft.

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

Capacity of Septic Tank 1,500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 350 ft. Number of Trenches _____ Trench Width 3'

1400 sq. 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 _____ Date _____

Installer Larry Schubert Trenching Date 6-28-00

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
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D

Permit Number: 023502475 01

Sewage Disposal System

As Built Plans & Specifications

Date 8-2-02 Chris Peterson

System Location (Indicate correct number and street)

Address 6600 SW 25th St (no rural route) City Lincoln NE, Zip 68502

A. Building Sewer

1. Material: PVC
   Diameter: 4" in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 18" in.
3. Distance between dwelling and septic tank: 40 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line ____ ft.
   property line ____ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 2
2. Capacity: 1,500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter NA in.
   Over outlet, diameter NA in.
   Riser: ☑ above ☐ below grade 6" in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 36" in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line ~~50'~~ NA ft.
   Property line 50' ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 8
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 15' ft.

D. Absorption Field

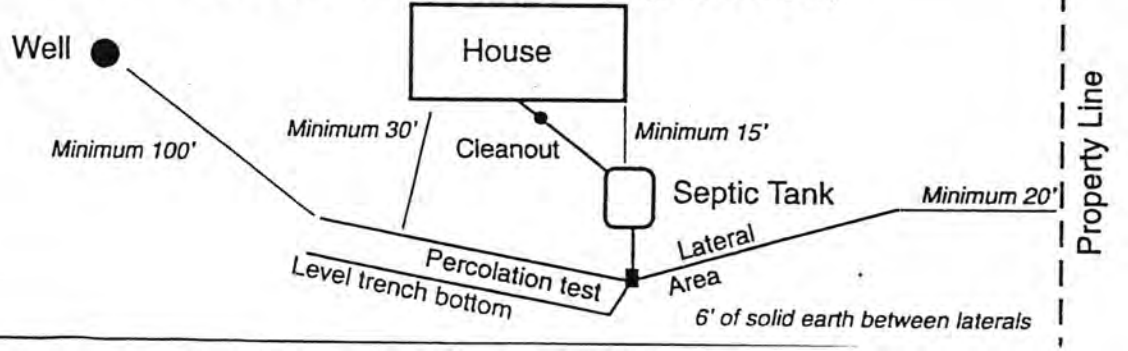
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☑ Perforated pipe
   Diameter of half round: ____
   or perforated pipe: 4"
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 4
   Length of each line: 100' ft. 100' ft.
   100' ft. 50' ft., ____ ft.
3. Trench dimensions: Width 3' ft.
   Slope ½" in/100 ft.
   Average depth 38" in
4. Filter material: Gravel
   Depth of material 12" in.
5. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line 20' ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

