Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

009883

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 07380330501

Issued 02/23/07
Expires 02/23/08
Revenue Code 3157

Establishment:
TODD ELLIS
T9N R6E SEC 19 QTR NW
YANKEE HILL LAKE-1ST BLK 1 LOT 4
7001 SW HUNTERS CIRCLE

FEES: $290.00

Permittee:
TODD ELLIS
5431 WOODSVIEW ST
LINCOLN NE 68506

TOTAL: $290.00

EPH COPY

Bruce D. Dart

Bruce D. Dart, Health Director

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

A

Permit Number: 07380330501

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: 3.17 acres

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 7001 SW Hunters circle (no rural route) City Denton NE, Zip NE 68339

Legal Description LCR 5932 NW 1/4 NW 1/4 Section 19 Township 9 Range 6 Yankee Hill Lake Subdivision 1 Addition 1 Block 4 Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner NCR 71623

Name Todd Ellis Signature Todd Ellis

Address 5431 Woodsview City/State/Zip Lincoln NE 68506

☐ Check if owner designed system Home Phone 489-7224 Work Phone 471-4561

C. Contractor

Name _____ Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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 300 Septic or 225 - Lagoon 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 _____ Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 2/27/07 Date frwd 2/27/07 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 2-27-07 Date frwd 2-27-07 ACTION ☒ Approved ☐ Disapproved Signature Jim Plauzek

Line + tank - V6/or OS
Contacted on 2/27/07 about Pioneer soil NL

Installation Final Written Approval

By _____

Date 6/22/07

* System Relocated Due to county engineers request

Business Office Use Only

Date Rec'd 02/23/07
Amt Paid 290.00
Rec'd By es Cash/Check No. 512

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

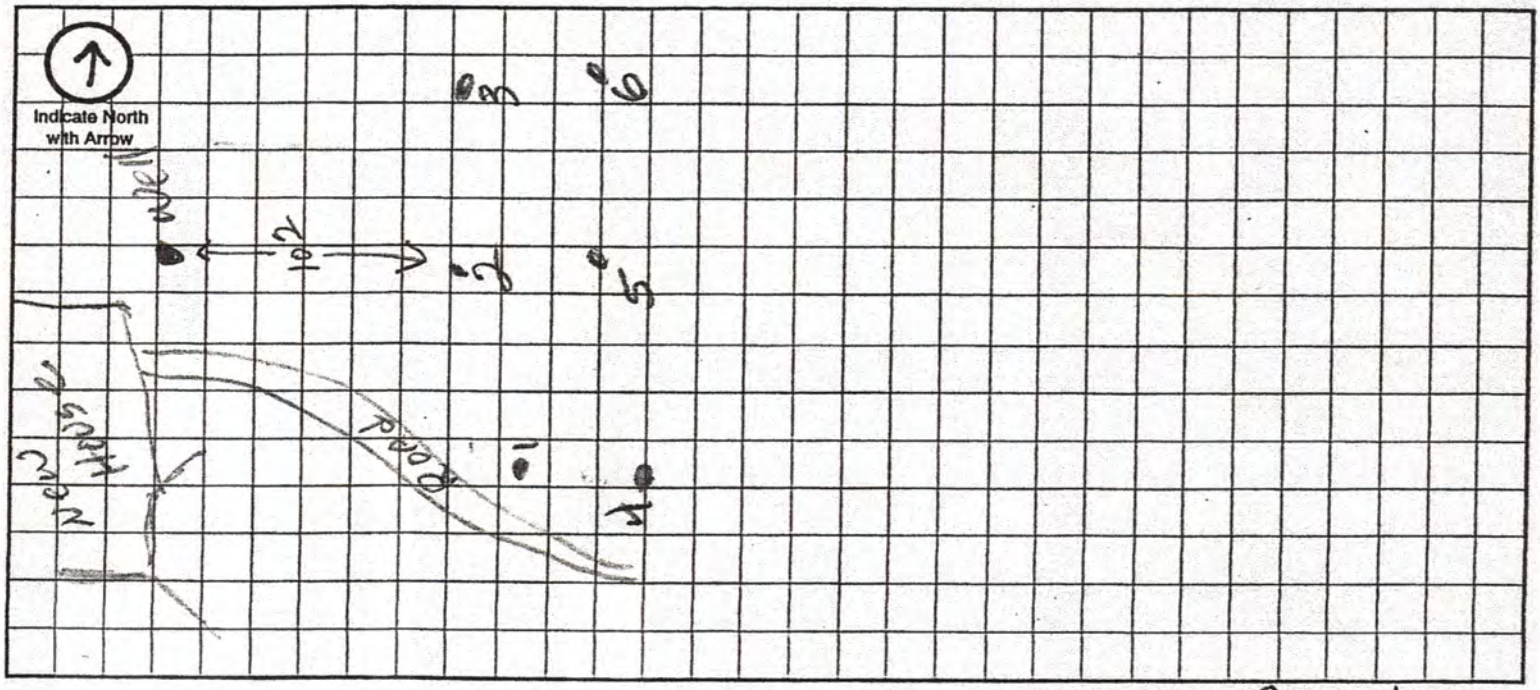
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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: 20 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 7001 SW HUNTER CIR City LINCOLN NE, Zip 68523

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: _____ 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 _____ gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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

GAGNER CONST. CO. INC.
4810 W. CLAIRE AVE.
LINCOLN, NE 68523
PH. 797-2365 FAX 797-7475

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 7001 SW HUNTERS CIR City LINCOLN NE, Zip 68523

Owner Todd Ellis (no rural route) Address 5431 Wood View, LINCOLN NE 68506

Soil Type (SCS): Percolation Rate: min./inch

Date of Tests 4-22-01 to 4-23-01 Weather: Precipitation .26 Temperature 75

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	26	4-22	12:10	4-23	3:20	4-23	4:00	6	4-23	4:00	60	3/8	160
2	24	"	"	"	"	"	"	"	"	"	"	3/8	160
3	26	"	"	"	"	"	"	"	"	"	"	1/4	240
4	24	"	"	"	"	"	"	"	"	"	"	1/2	120
5	24	"	"	"	"	"	"	"	"	"	"	1/4	240
6	25	"	"	"	"	"	"	"	"	"	"	1/4	240

Sum of Percolation Rates: 1160

Average of Rates: 193.33

Rate Used for Calculation:

Person Conducting Percolation Tests

Name: Melvin Gagner

Phone: 432-5696

Address 4810 "W" Claire Ave
Lincoln NE 68523

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

D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

GPS
N40° 44.442'
W96° 47.721'

Date 15 July 07

System Location (Indicate correct number and street)
Address 7001 SW HUNTERS CIR (no rural route) City DENTON NE, Zip 68339

A. Building Sewer
1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 89 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line OVER 25 ft.
   property line OVER 100 ft.

Septic Tank
1. Material: CONCRET
   Number of compartments: 1
2. Capacity: 1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☒ above ☐ below grade 4 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 32 in.
8. Distances to: Well or suction line 73 ft.
   Stream NA ft.
   Pressure line 73 ft.
   Property line OVER 100 ft.

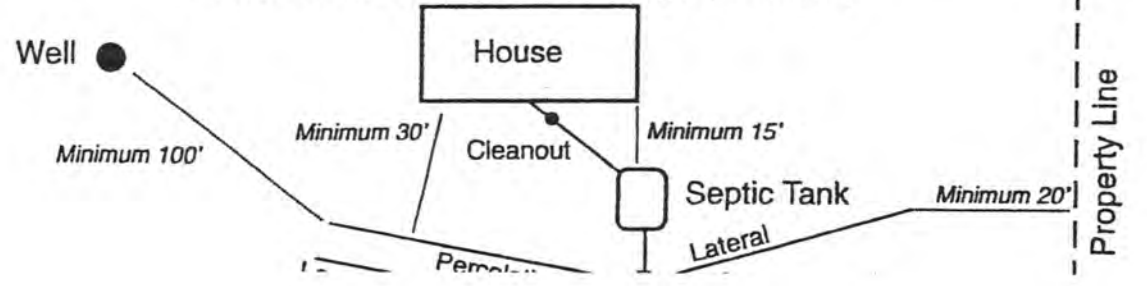
C. Distribution Box
1. Material: _____
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

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: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATORS
2. Lateral lines: Number _____
   Length of each line: 116 ft. 108 ft.
   95 ft. 86 ft., 86 ft.
3. Trench dimensions: Width 5 ft.
   Slope 0 in/100 ft.
   Average depth 34 in
4. Filter material: MASONARY SAND
   Depth of material 16 in.
5. Distances to: Well or suction line 103 ft.
   Stream NA ft.
   Pressure line OVER 100 ft.
   Property line 20 ft.

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

cate North
th Arrow

Individual Sewage System Design (Example)



ıs Built Drawing

