Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380255201

Issued 10/17/02
Expires 04/17/03
Revenue Code 3157

Establishment
SCOTT THOMPSON
T11N R7E SEC 11
FINIGAN'S SUBDIVISIO BLK 2 LOT 4
8939 EDWIN LN

FEES: $200.00

Permittee
SCOTT THOMPSON
2525 N 81 ST
LINCOLN NE 68507

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

003013

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

A

Permit Number: 02380255201

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 8939 EDWIN Lane (no rural route) City Lincoln NE, Zip 68517

Legal Description ____ ____ 11 11N 7E Finigan's 1st 2 4
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 SCOTT Thompson Signature J. Scott (Bldr.)

Address 2525 No. 81st City/State/Zip Lincoln NE

☐ Check if owner designed system Home Phone 466-5386 Work Phone ____

C. Contractor

Name Michael Dietze Company Name Waverly Plumbing & Well

Address PO Box 116 City/State/Zip Waverly NE 68462

☒ Check if contractor designed system Work Phone 402-786-5620

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 5 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 10/17/02 Date frwd 10/17/02 ACTION ☒ Approved ☐ Disapproved Signature Jerrold E. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 10/17/02 Date frwd 10/17/02 ACTION ☒ Approved ☐ Disapproved Signature Dale Thp
3. **City or County Engineer** Date rec'd 10/17/02 Date frwd 10/17/02 ACTION ☒ Approved ☐ Disapproved Signature

12-03-02.

Installation Final Written Approval

By ____

Date 12-5-02

Business Office Use Only

Date Rec'd 10/17/02
Amt Paid 200.00
Rec'd By ____ Cash/Check No. 09955

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

Finnagle Acres — Schwin construction

Lincoln-Lancaster County Health Department
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B

Permit Number: 023802552

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 8939 Edwin Lane (no rural route) City _____ NE, Zip 68517

Owner Thompson, Scott & Michelle Address 2525 No. 81st Lincoln NE

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

Date of Tests 7-5-02 to 7-6-02 Weather: Precipitation Dry Temperature 90°

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	36"	7-5	10:AM	7-6	10:AM	7-6	10:AM	6"	7-6	10:30	30	1½	20 MIN/IN
2		7-5										1⅝	18 Min/IN
3		7-5										1⅝	16 MIN/IN
4		7-5										1¾	17 MIN/IN
5		7-5										1½	20 MIN/IN
6	↓	7-5	↓	↓	↓	↓	↓	↓	↓	↓	↓	1¾	17 MIN/IN

Person Conducting Percolation Tests

Name: Dave Dietze

Phone: 402-786-2682

Address 9651 N. 149th Place

Waverly NE 68462

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: 18 / MIN / IN.

5 BR, 1 W.P.

1050 sq ft. 1750 gal Tank.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Gerald C. Wood R.E.H.S. Date OCTOBER 17, 2002

FORM 23-101 10-96

07/15/2002 09:51 FAX 4027865621 Waverly Plumbing & Well 001

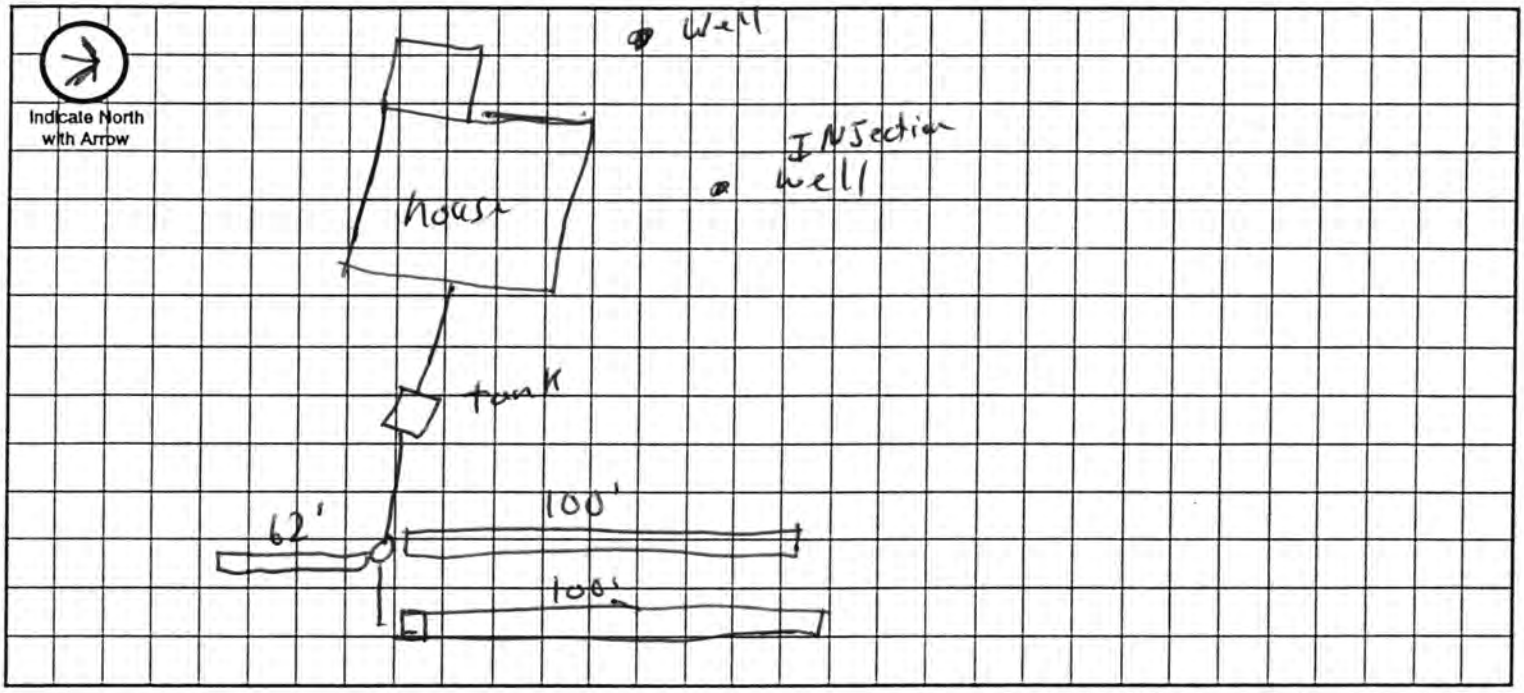
Lincoln-Lancaster County Health Department
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3140 "N" Street • Lincoln, NE 68510-1514
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C

Permit Number: 023802552

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) 8939 EDWIN Lane City Lincoln NE, Zip 68517

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: 1050 sq. ft.

Type of Lateral: ☒ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: INFiltrator half moon

Capacity of Septic Tank 1750 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 262 ft. Number of Trenches 3 Trench Width 4 Feet

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 10/17/02

Installer Michael Pratt Date 10-12-02

FORM 23-102 10-96

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

D

Permit Number:

Waverly Plumbing & Well

Sewage Disposal System
As Built Plans & Specifications

Date 12-3-02

System Location (Indicate correct number and street)

Address EDWIN LN (no rural route) City NE, Zip

A. Building Sewer

1. Material: PVC 4" SDR 26
   Diameter: 4" in.
2. Distance above basement floor: 48" in.
   or distance below basement floor: in.
3. Distance between dwelling and septic tank: 75' ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100 + ft.
   stream NA ft.
   pressure line 100 + ft.
   property line 200' ft.

B. Septic Tank

1. Material: concrete
   Number of compartments: 1
2. Capacity: 1750 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter Yes in.
   Over outlet, diameter yes in.
   Riser: ☐ above ☐ below grade NA in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 1' in.
8. Distances to: Well or suction line 100 + ft.
   Stream NA ft.
   Pressure line 100 + ft.
   Property line 100 + ft.

C. Distribution Box

1. Material: concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 18' ft.

D. Absorption Field

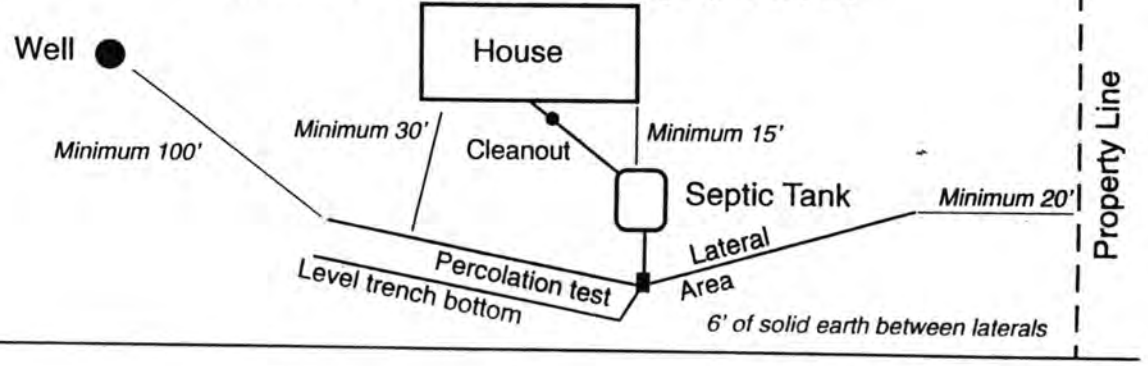
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: Infiltrator
   or perforated pipe:
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 2
   Length of each line: 138 ft. 138 ft.
   ft. ft., ft.
3. Trench dimensions: Width 4' ft.
   Slope 0 in/100 ft.
   Average depth 36" in
4. Filter material: gravel
   Depth of material 24 in.
5. Distances to: Well or suction line 100 + ft.
   Stream NA ft.
   Pressure line 100 + ft.
   Property line 30 + ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



As Built Drawing

