Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008670

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 06380316201

Issued 03/07/06
Expires 03/07/07
Revenue Code 3157

Establishment: BRIAN DOSE
T11N R7E SEC 14 QTR SW
FINIGAN VIEW LOT 2
8500 LIANA LN

FEES: $275.00

Permittee: BRIAN DOSE
17301 NORTHRIDGE LN
DAVEY NE 68336

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

A

Permit Number: 06380316201

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 8500 LIANA LN (no rural route) City Lincoln NE, Zip 68517

Legal Description SW 14 11N 7E Finigan View 2
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 BRIAN DOSE Signature Brian Dose

Address 17301 NORTHRIDGE City/State/Zip DAVEY NE 68336

☐ Check if owner designed system Home Phone 785-~~[illegible]~~7882 Work Phone 560-1250

C. Contractor

Name Brian Dose Company Name DOSE CONSTRUCTION INC

Address 17301 NORTHRIDGE City/State/Zip DAVEY NE 68336

☐ Check if contractor designed system Work Phone 560-1250

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

Designer Name Lloyd Jirkoubek Firm Raymond Contracting, Inc Work Phone 402-890-6009

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 3/7/06 Date frwd 3/7/06	**ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 3/7/06 Date frwd 3/7/06	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	
3. **City or County Engineer**	Date rec'd 3/7/6 Date frwd 3/7/6	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	

6/9/06 ~~Need drawing. J.C.H.~~

Installation Final Written Approval

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

Date JUNE 22, 2006

Business Office Use Only

Date Rec'd 3/7/06
Amt Paid 275.00
Rec'd By [signature] Cash/Check No. 6076

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

Lincoln-Lancaster County Health Department
Environmental Health Division
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B

Permit Number: 06380362

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 8500 Liana Ln (no rural route) City Lincoln NE, Zip 68517

Owner Brian Rose Addresss 17301 Northridge Pkwy, Nice 68336

Soil Type (SCS): Sharpsburg Percolation Rate: 60 min./inch

Date of Tests 3-2-06 to 3-3-06 Weather: Precipitation 0 Temperature 49°

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		3-2	2:00p	3-2	6:00p	3-3	2:00p	6	3-3	6:00p	30	1/2	30/.50 = 60
2		"	"	"	"	"	"	"	"	"	"	1 5/8	30/1.63 = 18
3		"	"	"	"	"	"	"	"	"	"	5/8	30/.63 = 48
4		"	"	"	"	"	"	"	"	"	"	1/2	30/.50 = 60
5		"	"	"	"	"	"	"	"	"	"	1 3/4	30/1.75 = 17
6		"	"	"	"	"	"	"	"	"	"	1/2	30/.50 = 60

Sum of Percolation Rates: 263
Average of Rates: 44
Rate Used for Calculation: 60 (20min variance)

Person Conducting Percolation Tests

Name: Terri Jakoubek / Raymond Contracting, Inc
Phone: 402-783-2663 or 402-峡-3870
Address 13800 NW 70th St
Raymond, NE 68428 #C1197

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date MARCH 7, 2006

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

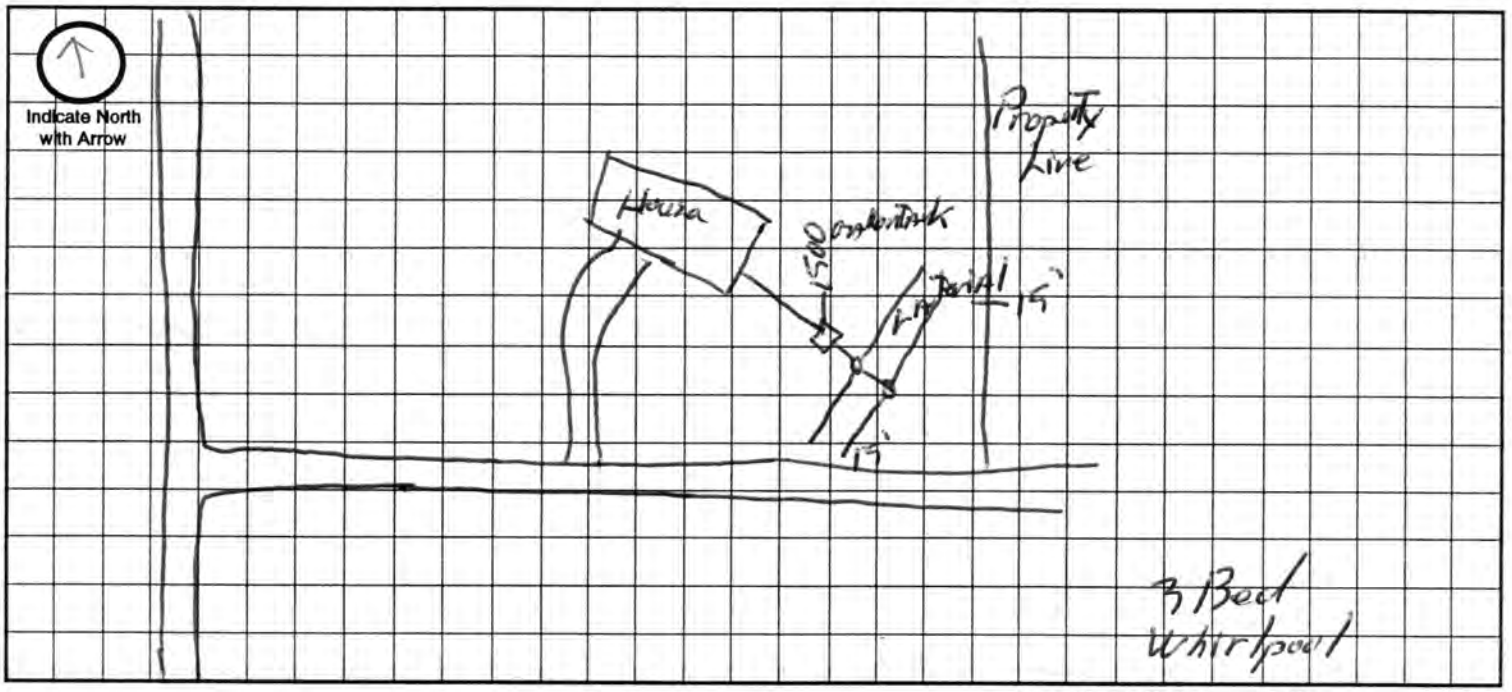
Permit Number: 06380316 2

Sewage Disposal System

Preliminary Plan Specifications

N84 - Waverly Rd. ½ mile South EAST side

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) 8500 LIANA LN. City Lincoln NE, Zip 68517

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other 1500 gallon

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

Percolation Rate 60mpI (min. per inch) Soil Type: SHD2 Land Slope: 6% %

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 1500 gals ~~Number of Absorption Beds~~: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 262.50 ft. Number of Trenches 2 Trench Width 48

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 Rose Constr. Inc. Brian Dorn Date 2-28-06

Installer Lloyd Jakubek Date 2/28/06.

FORM 23-102 10-96

JUN 1 5 2006

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 6/9/06

System Location (Indicate correct number and street)
Address 8500 Linna Ln (no rural route) City Lincoln NE, Zip 68517

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 20 in.
3. Distance between dwelling and septic tank: 73 ft.
4. Number of clean-outs: one
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

B. Septic Tank

1. Material: 1500 concrete
   Number of compartments: One
2. Capacity: 1500 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade At grade in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: Plastic 2 End cap.
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 31' + 10' ft.

D. Absorption Field

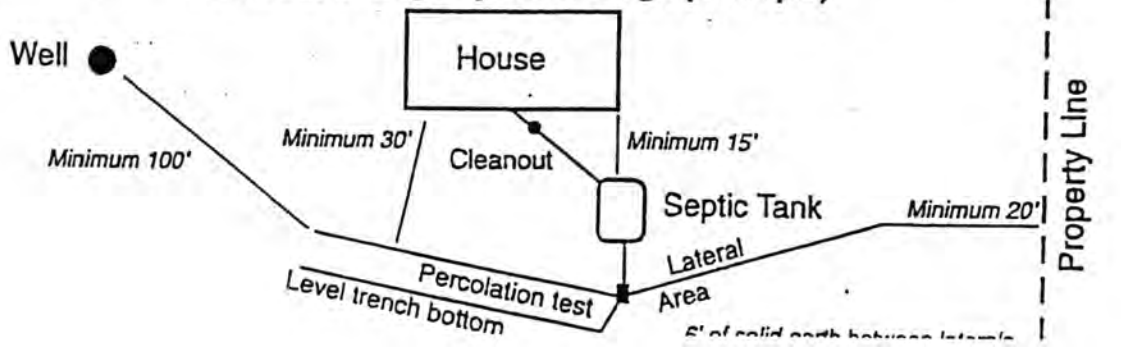
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" wide 12" Tall
   or perforated pipe: _____
   Material: ☑ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 149
   Length of each line: 115 ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 40" ft.
   Slope Flat in/100 ft.
   Average depth 36" – 22" in
4. Filter material: Dirt
   Depth of material 36" * 22" in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ 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

