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

A

Permit Number: 9738016 24

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 23501 S.W. 27th Street (no rural route) City Martell NE, Zip 68404

Legal Description N½ NE¼ 17 7 6
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 RR1 Box 153D Martell NE 68404

B. Owner

Name Roy Bradley Signature Roy Bradley

Address RR1 Box 198A City/State/Zip Raymond, NE. 68428

☒ Check if owner designed system Home Phone 402-783-2090 Work Phone 402-783-2090

C. Contractor

Name Owner 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 Owner 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 7/31/97 Date frwd 8/1/97 ACTION ☒ Approved ☐ Disapproved Signature Jerold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-1-97 Date frwd 8-1-97 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 8/1/97 Date frwd 8/1/97 ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Paul W. Hamm

Date 8-15-97

Business Office Use Only

Date Rec'd 07/31/97

Amt Paid 150 ⁰⁰

Rec'd By _____ Cash/Check No. 1628

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: ~~5080~~

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 23501 S.W. 29 Street (no rural route) City Martell NE, Zip 68404

Owner Roy Bradley Addresss 23501 S.W. 29 Martell, Ne. 68404

Soil Type (SCS): Pawnee Clay Loam + Glacial Till Percolation Rate: 30 min / .021 " min./inch

Date of Tests 8-11-97 to 8-12-97 Weather: Precipitation Foggy Temperature 61°

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"	8-11	5:15	8-12	5:00	8-12	5:15		8-12	5:45	30	0	30/0
2	36"	8-11	5:15	8-12	5:00	8-12	5:15		8-12	5:45	30	0	30/0
3	36"	8-11	5:15	8-12	5:00	8-12	5:15		8-12	5:45	30	0	30/0
4	36"	8-11	5:15	8-12	5:00	8-12	5:15		8-12	5:45	30	0	30/0
5	36"	8-11	5:15	8-12	5:00	8-12	5:15		8-12	5:45	30	1/8	30/1/8
6	36"	8-11	5:15	8-12	5:00	8-12	5:15		8-12	5:45	30	0	30/0

Sum of Percolation Rates: 1/8" ÷ 6 holes = 1/48

Average of Rates: [redacted]" .021"

Rate Used for Calculation: .021" in 30 minutes/inch

Person Conducting Percolation Tests

Name: Roy Bradley

Phone: [redacted] 402-787-2090

Address 23501 S.W. 29
Martell, Ne. 68404

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

Legal Description 7-6-17 Location 23501 SW 29th

Owner/Requestor Bradley

WELL/SEWAGE SYSTEM INSPECTION FORM

Based on an inspection this day, the items circled below identify the violations in construction or operation. Some items may not apply. Components that could not be located are indicated as "unknown".

- X New system, initial
- ___ New system, followup
- ___ Existing system, repair
- ___ Existing system, followup
- ___ Loan approval
- ___ Consultation
- ___ Other (Specify)

REMARKS Lagoon sized too big for a 3 bedroom house Measured 52' and should be 43'. Also slope was 1:1 instead of 1:3. Approval denied until corrections made. Also ~~perc~~ perc. test results need to be submitted or lagoon needs bentonite

Water System

1. Approved Permit; (Permit not applicable)
2. Sanitary Seal
3. Screened Vent/Conduit Sealed
4. Well Casing Material
5. Well House
6. Distance of Well from
   - A. Leach Field
   - B. Septic Tank
   - C. Sewer Line
   - D. Frost-Proof Hydrant
   - E. Lagoon
   - F. Accumulated Manure
   - G. Pit or Depression
7. Pressure Line from Sewage System
8. Other Deficiencies (Specify)

Sewage System ___ Septic X Lagoon

1. Approved Permit; (Permit not applicable)
2. Visible Discharge or Seepage
3. Location from Property Line Building
4. Location from Water System Component
5. Lateral Construction, Length, Drop
6. Septic Tank Size + Installation
7. Distribution box
8. Lagoon Fencing, Warning Signs, Vegetation, Dike Damage, Locked Gate, Water Depth
9. (9) Constructed According to Sizing
10. Septic Tank: Constructed Properly, Maintained
11. Other Deficiencies (Specify)

Inspected by: Paul Drotzmann Received by: ___

Date: 8-11-97

WA1002

8-15-97 Lagoon regarded, sized larger than necessary because owner plans to construct another house (4-5 bedroom) P. D.

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

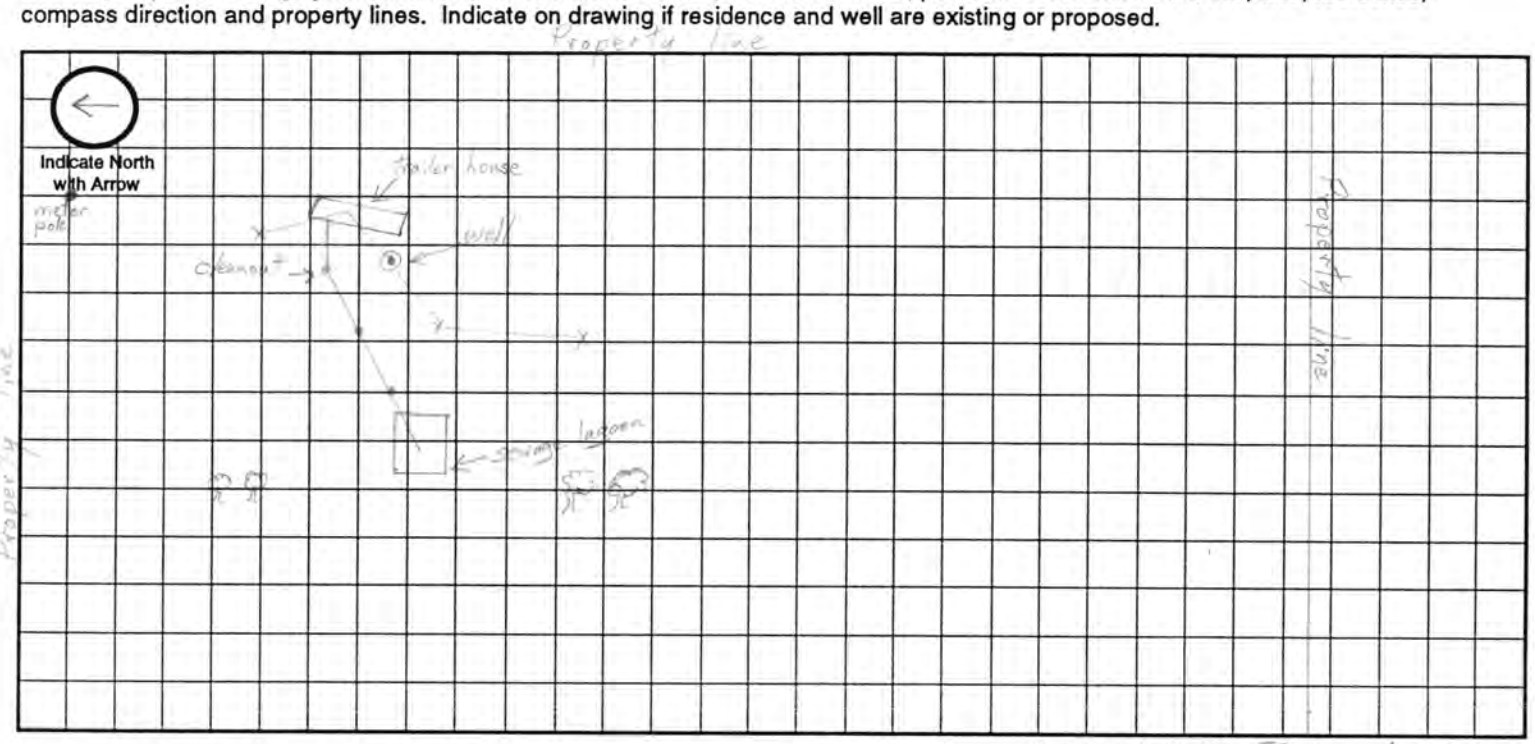
C

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: 50 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 2350 S ____ City ____ NE, Zip 68454

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other lagoon

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

Home Building Contractor _____ Date _____

Installer _____ Date 7-29-96

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

D

Permit Number: 5080

Sewage Disposal System

As Built Plans & Specifications

Date _____

System Location (Indicate correct number and street)
Address 23501 S.W. 29 Street City Martell NE, Zip 68404
(no rural route)

A. Building Sewer

1. Material: Class 160 sewer pipe
   Diameter: 4 inch in.
2. Distance above basement floor: NA in.
   or distance below basement floor: NA in.
3. Distance between dwelling and septic tank: NA ft.
4. Number of clean-outs: 4
5. Distances to: well or suction line 155 ft.
   stream NA ft.
   pressure line 70' ft.
   property line 370' N+360' E ft.

B. Septic Tank

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

C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ❑ Yes ❑ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

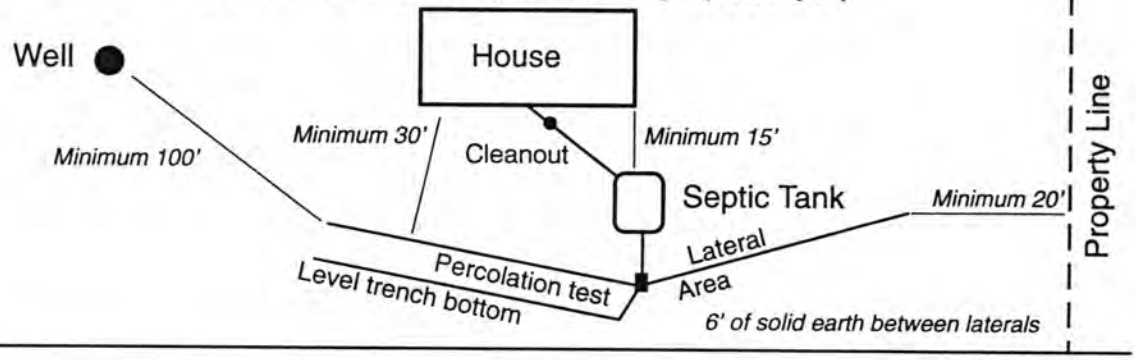
(Provide as-built drawings on back of this form)

1. Type: ❑ Half rounds ❑ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ❑ fiberglass ❑ plastic ❑ concrete
   ❑ other _____
2. Lateral lines: Number _____
   Length of each line: _____ ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width _____ ft.
   Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



FORM 23-103 10-96

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

3140 "N" STREET
Lincoln, NE 68510-1514
(402) 441-8000

ENVIRONMENTAL HEALTH DIVISION

NON TRANSFERABLE

PERMIT

Permit No. 97380162401

SEWAGE INSTALLATION
LAGOON

Issued 07/31/97
Expires 02/01/98
Revenue Code 18754

Establishment

ROY BRADLEY
T7N R6E SEC 17
23501 SW 29 STREET

FEES: $150.00

TOTAL $150.00

Permittee

ROY BRADLEY
RR0001
BOX 0198A
RAYMOND NE 68428

5080

Issued By M. Jane Ford
Health Director

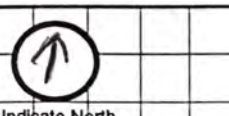
THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

1 square = 20 feet

As Built Drawing

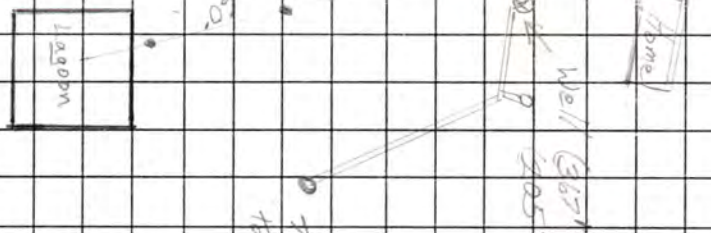
• = cleanouts
⊗ = well
O = hydrant
═ = water line
═ = sewer line

North Boundary (370' to lagoon)



West Boundary (230' to lagoon)

East Boundary (360' to lagoon)



South Boundary (600' to lagoon)

Approximate Scale: 20 ft. = 1 grid line/s