# Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

002990

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380269301

Issued 08/19/03
Expires 02/19/04
Revenue Code 3157

Establishment

JEANNEA HANSEN
T9N R6E SEC 17
ROBERT IRONWOOD ESTS BLK 5 LOT 2
3535 W BUCKTHORN RD

FEES: $200.00

Permittee

JEANNEA HANSEN
4150 S 20 ST
LINCOLN NE 68502

TOTAL: $200.00

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: 03380269301

# 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 3535 West Buckthorn (no rural route) City Lincoln NE, Zip _____

Legal Description Lot 2 Block 5 Roberts Ironwood Estates

| 1/4 | 1/4 | Section | Township | Range | Subdivision | Addition | Block | Lot |
|---|---|---|---|---|---|---|---|---|
| | | 17 | 9N | 6E | | | 5 | 2 |

Geographical Location (if known): Longitude _____ Latitude _____

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

### B. Owner

Name Chris & Jeannea Hansen Signature _____

Address 4150 S 20th City/State/Zip Lincoln NE 68502

☐ Check if owner designed system Home Phone 423-1540 Work Phone 423-5253

### C. Contractor

Name Self 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 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 8/19/03 Date frwd 8/20/03 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-20-03 Date frwd 8-20-03 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 8/20/03 Date frwd 8/20/03 ACTION ☒ Approved ☐ Disapproved Signature Chase Baker

10/15/03 Tank, line + 3 laterals – Need diagram of L

### Installation Final Written Approval

By Doug Lowe

Date 5/3/04

**Business Office Use Only**
Date Rec'd 8-19-03
Amt Paid 100.00
Rec'd By TW Cash/Check No. 9687

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

## PERK TEST

SW 36th Street & West Buckthorn Road

Test Conditions:

- Test started at 11:22 a.m. 5/10/03
- Was done on a misty day
- Done two days after all day rain approx. 2" of rain

| HOLE | 11:52 a | 12:22 a | 12:52 a | 1:30 pm | 2:00 pm | 2:30 pm | 3:00 pm | 3:30 pm | 4:00 pm | 4:30 pm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ¾" | 5/8" | 5/8" | ¾" | ½" | ½" | ½" | ½" | ½" | ½" |
| 2 | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 3 | 5/8" | 5/8" | ½" | 5/8" | ½" | ½" | ½" | ½" | ½" | ½" |
| 4 | 5/8" | ½" | 5/8" | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 5 | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 6 | 1" | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" | ½" |

**Lincoln-Lancaster County Health Department**
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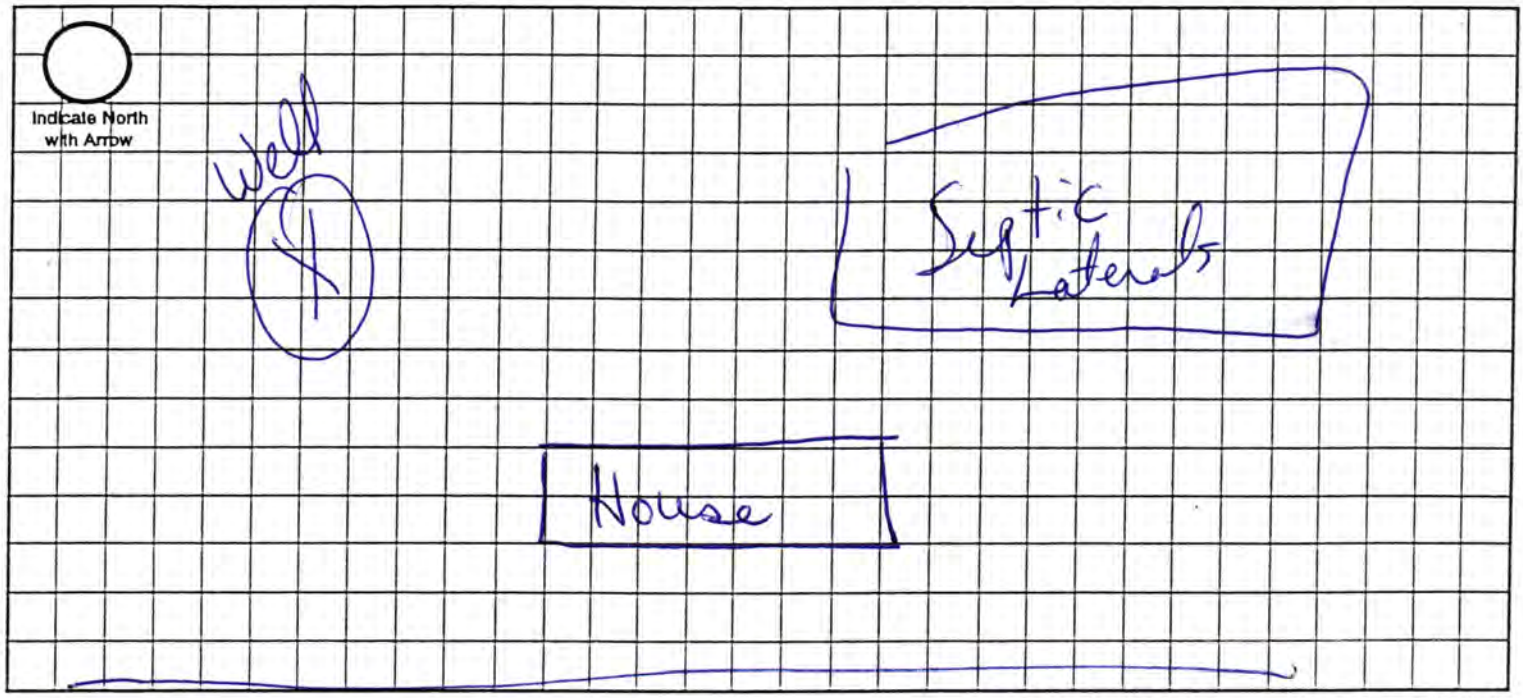
C

Permit Number: 033802693

# 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) 3535 W. Buckthorn City Lincoln 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: _____ 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 1250 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 263 ft. Number of Trenches _____ Trench Width 4'

## 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 Chris ^ Jeanne Hansen Date 5/19/03

Installer Jeanette Date 5/19/03

FORM 23-102 10-95

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D

Permit Number: 033802b930

# Sewage Disposal System
## As Built Plans & Specifications

Date 4-22-04

**System Location (indicate correct number and street)**

Address 3535 W. BUCKTHORN RD (no rural route) City LINCOLN NE, Zip 685

## A. Building Sewer

1. Material: PVC
   Diameter: 4" Sch. 40 in.
2. Distance above basement floor: — in.
   or distance below basement floor: 36" in.
3. Distance between dwelling and septic tank: — ft.
4. Number of clean-outs: 2
5. Distances to: wall or suction line 82 ft.
   stream — ft.
   pressure line — ft.
   property line 76 ft.

## B. Septic Tank

1. Material: PLASTIC
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 18 in.
   Over outlet, diameter 18 in.
   Riser: ☐ above ☑ below grade 6 in.
5. Inlet: ☐ baffle ☑ tee
6. Outlet: ☐ baffle ☑ tee
7. Depth to top of tank, below unfinished grade: 8" in.
8. Distances to: Well or suction line 104 ft.
   Stream — ft.
   Pressure line — ft.
   Property line 52 ft.

## C. Distribution Box

1. Material: PVC
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 103 ft.

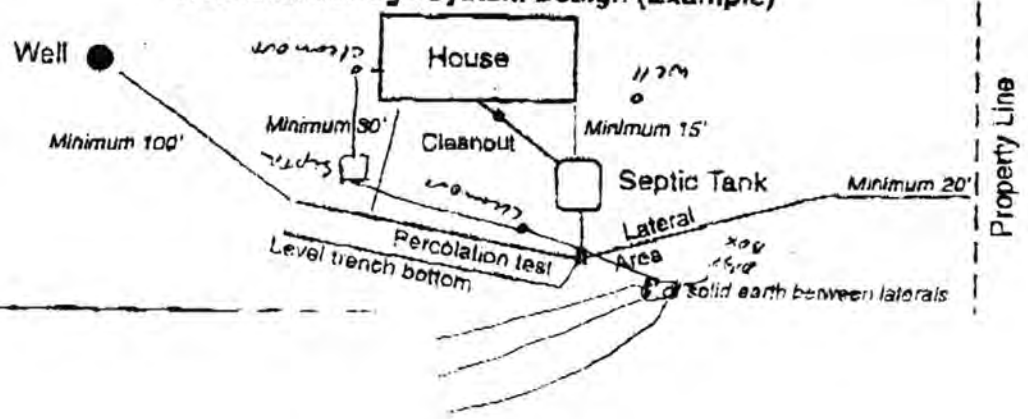
## D. Absorption Field

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

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: High Capacity w/Filtrator Chamber
   or perforated pipe:
   Material: ☐ fiberglass ☑ plastic ☐ concrete ☐ other
2. Lateral lines: Number 3
   Length of each line: 90 ft. 90 ft.
   84 ft. ft. ft.
3. Trench dimensions: Width 4 ft.
   Slope 1½" in/100 ft.
   Average depth 12" in
4. Filter material: Gravel
   Depth of material 16" in.
5. Distances to: Well or suction line 106 ft.
   Stream — ft.
   Pressure line — ft.
   Property line 56 ft.

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

**Individual Sewage System Design (Example)**




North Arrow

103 10-86

# As Built Drawing