Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

NOV 2 5 2013

A

Permit Number
HS000849

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C.
Submit correct fee
with this Application

acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 4242 Spencer Lane City Roca NE Zip 68430
(no rural route)

Legal Description Lots South Creek Estates Corrected plat LCN
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID

B. Owner

Name SNB Construction, LLC Signature
Address 3900 Old Cheney Rd Suite A City/State/Zip Lincoln, NE 68516
Home Phone Work Phone 402 420-2950

C. Certified Installer

Name Eagnet Well Drilling Inc. Justyn Peterson Signature
Address P.O. Box H City/State/Zip Milford, NE 68405
Work Phone 402-641-6174

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 5+-
Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 500

Type of Wastewater ☒ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 92-36

1. **Health Department**
Site visits Date rec'd ACTION ☒ Approved ☐ Disapproved
Comments Date fwd Signature

2. **Supt. Bldg. Insp. or Village Clerk**
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date fwd Signature

3. **City or County Engineer**
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date fwd Signature

Installation Final Written Approval
Date

Business Office Use Only
Date Received 11/22/13 Amount Paid 345.00
Received By SB Cash/Check No. 12384

White - Health Department Yellow - Engineer Pink - Building & Safety Form A Lincoln

2081 - 6836

SOIL ABSORPTION TEST DATA REPORT

Location: Section: Township: Range: Tax Section:

Owner: Fowler Custom Homes

Address: Nicholas Ct. West Project

Property Dimensions: acres

Soil Type: Silty Clay Loam Silty Clay Loam Clay Loam X Sandy Clay

Dates of Tests: 9-2-13 to 9-5-13 Weather: Precip. 0 Temp. 90s

Hole No.	Depth (Inches)	Pre-Saturation Period Start Date (Mo. Day)	Pre-Saturation Period Start Time (Hr. Min.)	Pre-Saturation Period End Date (Mo. Day)	Pre-Saturation Period End Time (Hr. Min.)	Percolation Readings Start Date (Mo. Day)	Percolation Readings Start Time (Hr. Min.)	Water Level (in.)	Percolation Readings End Time (Hr. Min.)	Percolation Readings End Water Level (in.)	Results Elapsed Time (Min.)	Results Water Level Drop (in.)
1		9-2	10:30am	9-3	3:30pm	9-4	10:05am	6	10:35am	4 1/4	30	1 3/4
2		9-2	10:30am	9-3	3:30pm	9-4	10:05am	6	10:35am	4 1/4	30	1 3/4
3	36	9-2	10:30am	9-3	3:30pm	9-4	10:05am	6	10:35am	5	30	1
4	36	9-2	10:30am	9-3	3:30pm	9-4	10:10am	6	10:40am	5	30	1
5	36	9-2	10:30am	9-3	3:30pm	9-4	10:10am	6	10:40am	5	30	1
6	36	9-2	10:30am	9-3	3:30pm	9-4	10:10am	6	10:40am	4 3/4	30	1 1/4

Sum of Water Level Drops (in.) (Column m): 6.75

Average of Water Level Drops (in.) (Column m): 1.125

~~Inches per Minute:~~ 26.67 MPI

PERSON CONDUCTING TEST:

Name: Justyn Patterson

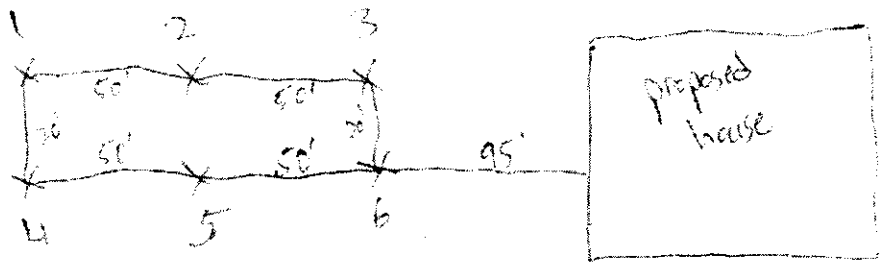
Address: 322-2385 Rd Milford, NE 68405

Phone: 402-641-6174

Signature:

Square Feet of Lateral per Bedroom: 250

SKETCH SHOWING HOLE LOCATION:



Nicholas A.

Official's Signature

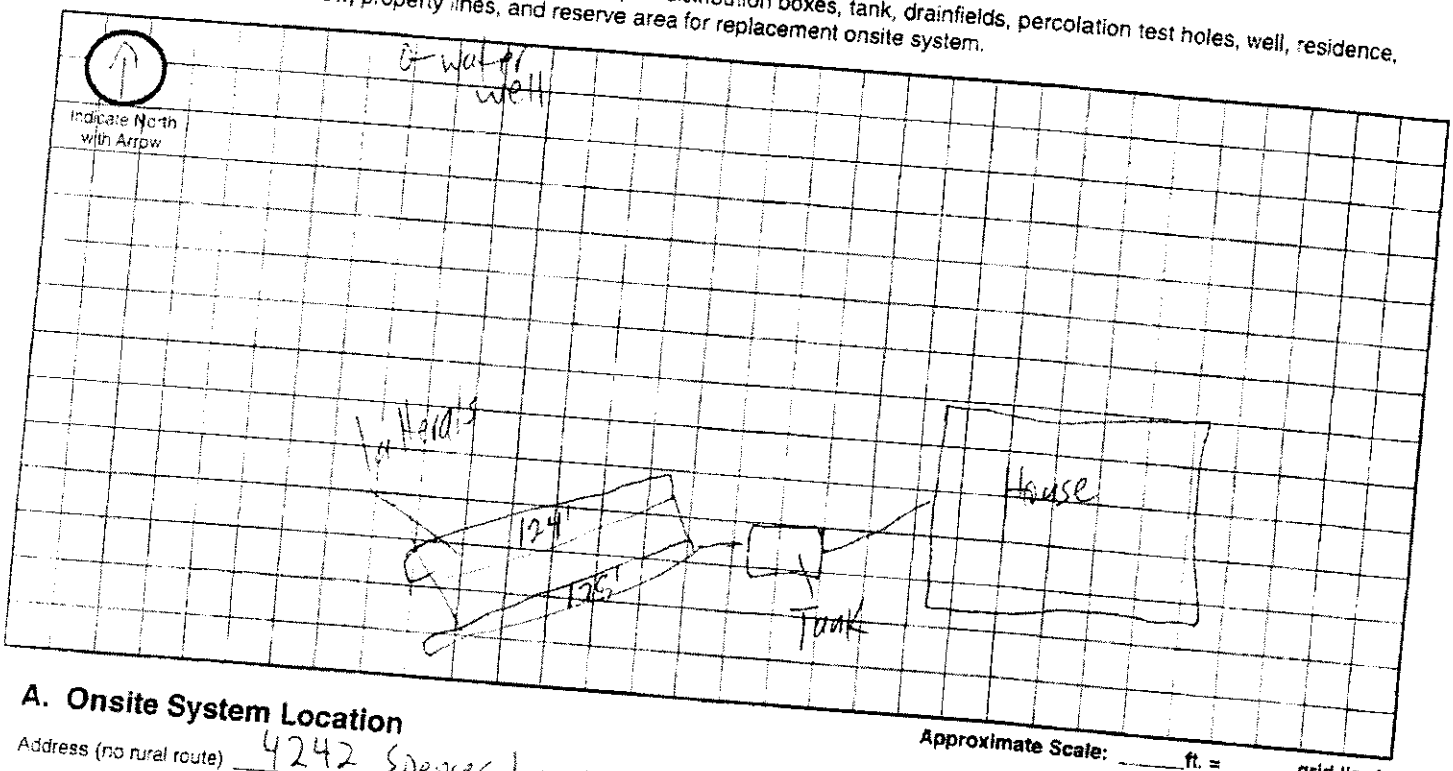
Lincoln-Lancaster County Health Department
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Phone: 402-441-8022

C

Permit Number:

Onsite Wastewater Treatment System
Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



Approximate Scale: _____ ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 4242 Spencer Lane City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 gals Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____ ☐ Lagoon (Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 26.67 (min/inch = mpi) No. of Bedrooms 4 Soil Type Clay Loam

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved)

Land Slope 1 %

Total length of laterals 250' Type of distribution: ☐ Perforated pipe ☒ Half-Round ☐ Chamber ☐ Other

Total Square feet of drainfield 1000 sq.ft.

No. of absorption trenches 2 Width 3'

No. of absorption beds _____ Width _____ No. of drop boxes 0 Distrubtion Box None

No of Distribution lines per bed _____

E. 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 ☐	☐

F. Required Signatures

Home Building Contractor _____

Installer Dustyn Petersen Date 11/22/13

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 11/27/13

System Location (Indicate correct number and street)

Address 4242 Spencer Lane (no rural route) City Roca NE, Zip 68430

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 58 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 200'+ ft.
   stream NA ft.
   pressure line 30'+ ft.
   property line 60'+ ft.

B. Septic Tank

1. Material: Plastic
   Number of compartments: 1
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 2 in.
5. Inlet: ☐ baffle ☒ tee
6. Outlet: ☐ baffle ☒ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line 200'+ ft.
   Stream NA ft.
   Pressure line 30'+ ft.
   Property line 90'+ ft.

C. Distribution Box Did not use

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

D. Absorption Field

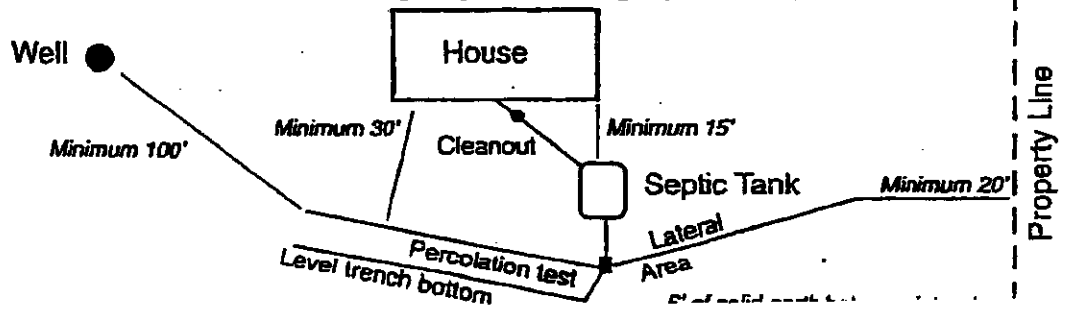
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 36
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 128 ft. 124 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3 ft.
   Slope 0 in/100 ft.
   Average depth 32 in
4. Filter material: Native Clay
   Depth of material 32 in.
5. Distances to: Well or suction line 150'+ ft.
   Stream NA ft.
   Pressure line 100'+ ft.
   Property line 100'+ ft.

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

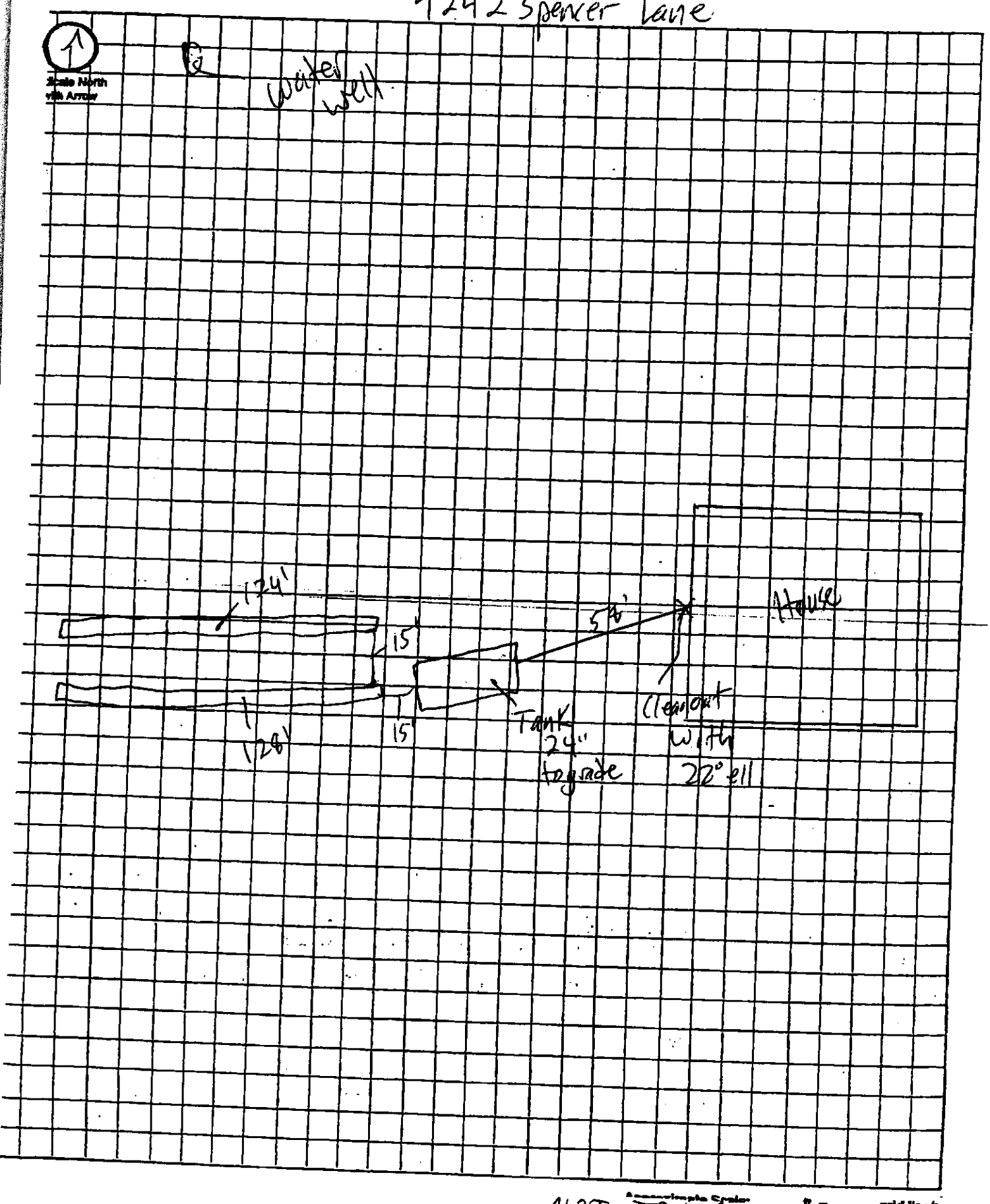
Scale North with Arrow

Individual Sewage System Design (Example)



\s Built Drawing

4242 Spencer Lane



NOT TO SCALE

ft = grid lines

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS000849

System Type: Standard

Situs: No Site Address Specified

Issued: 12/3/2013

Expires: 12/3/2014

Description:

Owner:

Judith A Halstead

Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead

Judith A. Halstead, MS
Health Director

SNB CONSTRUCTION
3800 OLD CHENEY, STE A
LINCOLN, NE 68516