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

A

Permit Number HSOC 1841

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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

3 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 8921 (no rural route) Firth Rd City Firth, NE Zip 68358

Legal Description S35 T7 R7 Fosbender 1st Add. 1
(1/4 1/4 Section Township Range Subdivison Addition Block Lot)

PID 14-35-205-001-000

B. Owner

Name Julie & Jared Shold Signature

Address 5929 Newton ST City/State/Zip Lincoln, NE 68506

Home Phone Work Phone

C. Certified Installer

Name: Scott Mueller Signature Scott Mueller

Address 1345 N 26th Rd City/State/Zip Syracuse NE 68446

Work Phone 402-450-2946

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 11.22
Garbage Grinder? ☒ 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. 02-30

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

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

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

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 6-17-19 Amount Paid $420.00
Received By JAC Cash/Check No. 7194

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1-13

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

B

Permit Number:

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 8921 Firth Rd (no rural route) City Firth NE, Zip 68358

Owner Julie & Jared Shald Address 5929 Newton St, Lincoln, NE 68506

Date of Tests 7/12/18 to 7/13/18 Weather: Precipitation 0 Temperature 84°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					L. M. N. Results		
		Start		End		Start		Initial	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 Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	30	7/12	11:30a	7/12	3:30p	7/13	11:30a	6	7/13	12:00p	30	1/2	60
2	23	"	"	"	"	"	"	6	"	"	"	2-1/4	13
3	26	"	"	"	"	"	"	6	"	"	"	7/8	34
4	24	"	"	"	"	"	"	6	"	"	"	1-1/16	28
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.

Phone: 402-783-2663 or 402-890-6009

Address 13800 NW 70th St

Raymond, NE 68428 Cert #1198

Sum of Percolation Rates: 135

Average of Rates: 34

Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Judson SL

Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001841

System Type: Standard

Situs: No Site Address Specified

Issued: 6/24/2019

Expires: 6/24/2020

Description: FOSBENDER FIRST ADDITION, Lot 1

Owner: SHALD, J L & J A
5929 NEWTON ST
LINCOLN, NE 68506

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, Interim 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.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Interim Health Director

SCOTT MUELLER
1345 N 26TH RD
SYRACUSE, NE 68446

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

SCANNED

A

Permit Number 4500184

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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

3 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 8921 (no rural route) First Rd City Firth, NE Zip 68358

Legal Description S35 T7 R7 Fosbender 1st Add. 1
(1/4 1/4 Section Township Range Subdivison Addition Block Lot)

PID 14-35-205-001-000

B. Owner

Name Julie & Jared Shald Signature

Address 5929 Newton ST City/State/Zip Lincoln, NE 68506

Home Phone Work Phone

C. Certified Installer

Name: Scott Mueller Signature Scott Mueller

Address 1345 N 26th Rd City/State/Zip Syracuse NE 68446

Work Phone 402-430-2946

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 3 SM Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 11.22

Garbage Grinder? ☒ 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. 02-30

1. Health Department
Site visits 12/16/19 DG Date rec'd 6/24/19 ACTION ☒ Approved ☐ Disapproved
Date frwd 6/24/19 Signature
Comments

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd ACTION ☒ Approved ☐ Disapproved
Date frwd Signature see attached

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

Installation Final Written Approval
By Doug Myers
Date 12/18/19

Business Office Use Only
Date Received 6-17-19 Amount Paid $420.00
Received By JAC Cash/Check No. 7194

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

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

Exhibit 5

Permit Number: HS00184

Onsite Wastewater Treatment System

Inspection Sheet

Date 12/18/19 Legal Description Forbenden Irr Add Lot 1

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 8921 Firth City

Owner Address

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification):

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 1,080 Sq. Ft. Tank Size 1,500 gals

Total length of laterals 240' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E-Z Flow

No. of Absorption Laterals 4 Width 4.5 Factor No. of Drop Boxes Distribution Box 1

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	10 ☐	5 ☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	25 ☐	5 ☐

Geographical Coordinates to 6 Decimals:

Tank

Lateral #1 Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DC Date 12/16/19

Follow-Up Date

Follow-Up Date

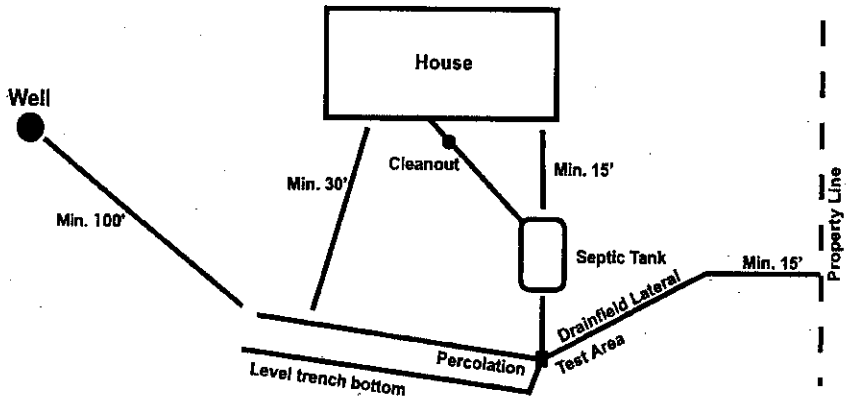
Installation Final Written Approval
By Doug Ahlm

Date 12/18/19

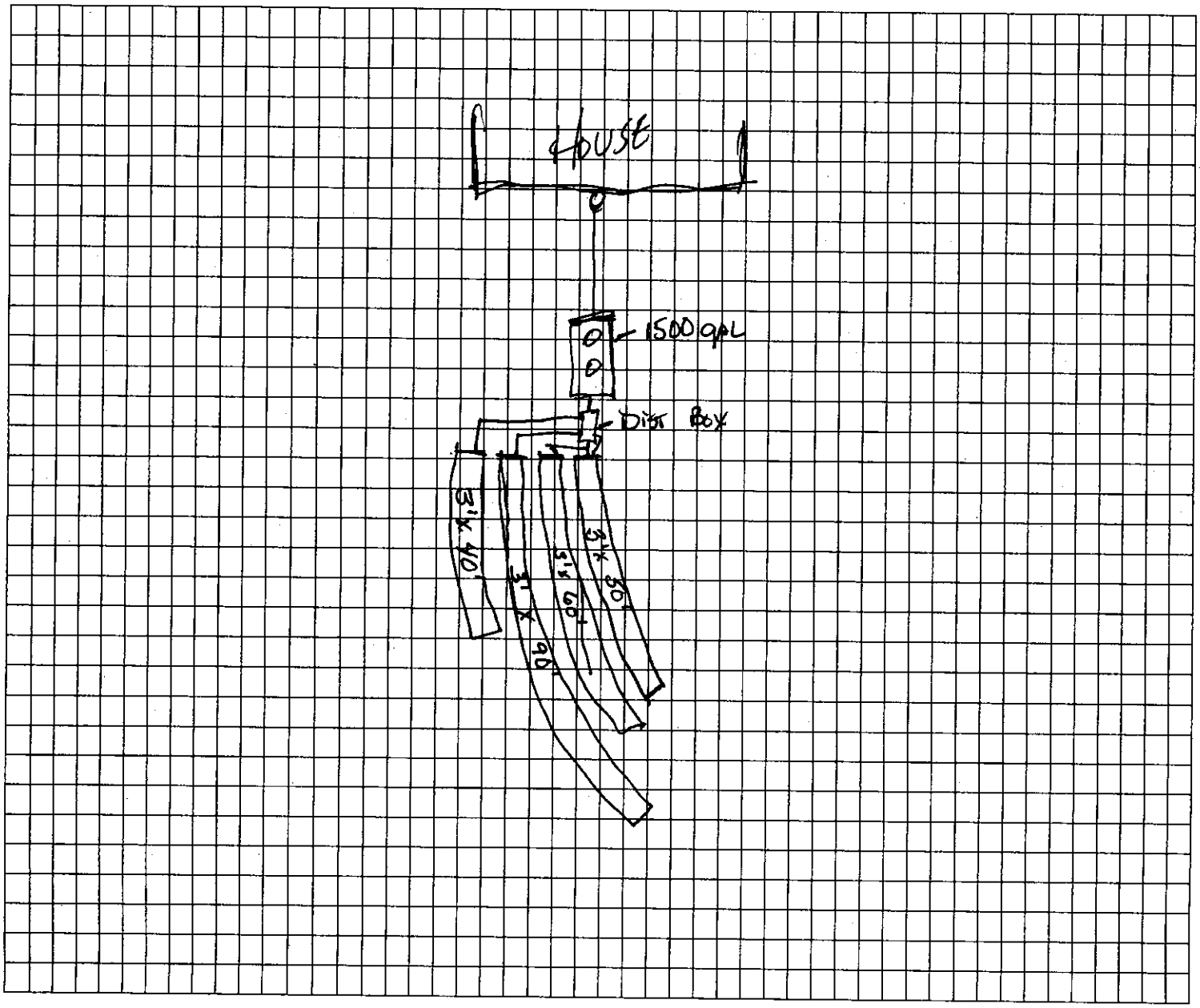
Field Note Drawing (See Reverse Side):

Indicate North
w/ Arrow Here:

Onsite Wastewater System Design (Example)



*Note-If Lagoon, show all applicable dimensions



Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

D

Permit Number: HS001841

Onsite Wastewater Treatment System
As-Built Description and Drawing

Type of Onsite Wastewater System: ☐ Lagoon (Skip to Back Page) ☐ Subsurface Septic ☐ Mound

Onsite Wastewater System Location

Address or Legal Description or Parcel Identification Number (PID) 8921 Firth

Owner: _____ Address _____

A. Wastewater Piping

1. Material: _____ Diameter: _____in.
2. Distance between dwelling and septic tank: _____ft.

B. Septic Tank

1. Material _____
2. Capacity: 1,500
3. Depth to top of tank, below unfinished grade: ____ in.
4. Distance to:
   Well _____ft.
   Pressure line _____ft
   Property Line _____ft.
   Foundation _____ft.

C Distribution Box or Drop Box

Distance **and** Direction from septic tank: _____ ft. _____

D. Drainfield/Absorption Field

☐ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☐ Other
   Material brand and inside width of Chamberless:
   _____
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 50 ft. 60 ft. 90 ft. 40
4. Drainfield size: 240 linear ft. = 1,080 sq. ft.
5. Distance to:
   Well Rural Water ft.
   Pressure line _____ ft.
   Property line _____ ft.
   Depth of Groundwater _____

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No

If Yes, the Certified Professional must sign below for final approval:

I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature: _____ Date: _____

Complete As-Built drawing on the back of this form.

Nate C. Hartman

From: Village of Firth <villageoffirth@windstream.net>
Sent: Thursday, June 20, 2019 11:35 AM
To: Nate C. Hartman
Subject: RE: Fosbender 1st Add, Lot 1

Hi Nate:
8921 Firth Road was platted in 2018 and the owners will be turning in a building permit application in the near future. The property is buildable according to all Firth zoning regulations.
Thanks ~

Jill Hoefler
Municipal Clerk
Village of Firth
PO Box 38
Firth, NE 68358
(402)791-5544 - office
(402)560-5767 - cell

From: Nate C. Hartman <nhartman@lincoln.ne.gov>
Sent: Thursday, June 20, 2019 10:30 AM
To: Village of Firth <villageoffirth@windstream.net>
Subject: Fosbender 1st Add, Lot 1

Jill:

I received a permit application in office for the legal description noted above with an address of 8921 Firth Rd. Please let me know if you have any objections to the construction of an onsite wastewater treatment system on this property.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
3131 'O' Street, Lincoln, NE 68510
O: 402-441-8643 F: 402-441-3890

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