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

A

Permit Number
HS001700

Onsite Wastewater Treatment System Permit Application

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

☐ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 11450 STAGECOACH RD City HICKMAN, NE Zip 68372
(no rural route)

Legal Description 31 8 8 18E
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 21-31-300-009-000 *Approx. Address (If to be determined)

B. Owner

Name Signature

Address 11450 STAGECOACH RD City/State/Zip HICKMAN, NE 68372

Home Phone Work Phone

C. Certified Installer

Name: TAYLOR BUSS Signature

Address 8770 WAVERLY RD City/State/Zip LINCOLN NE 68517

Work Phone 402-430-8380

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 5 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 5.16
Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 450

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

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

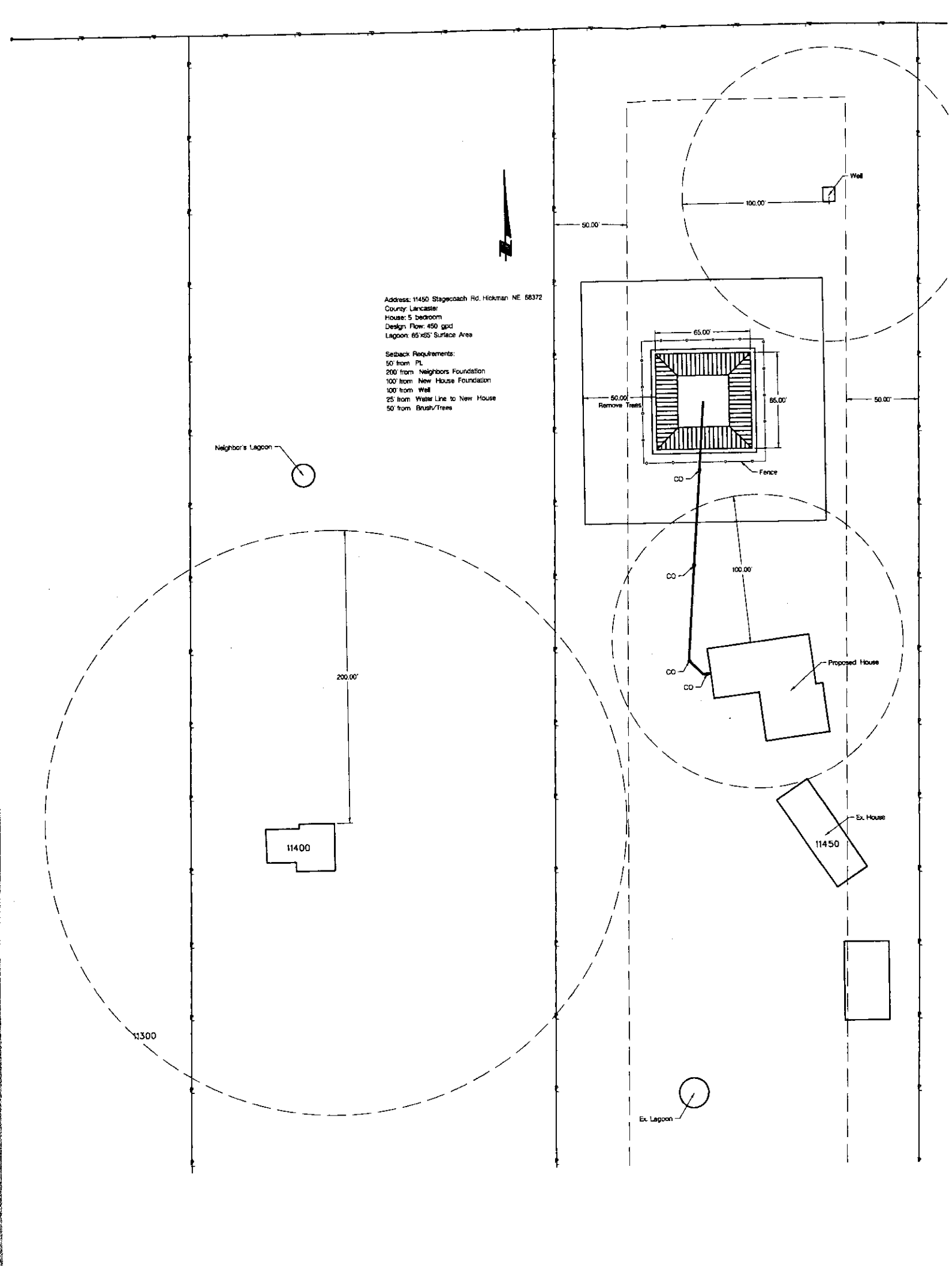
2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

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

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 7-03-18 Amount Paid $405
Received By JAV Cash/Check No. 103

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


Address: 11450 Stagecoach Rd. Hickman NE 68372
County: Lancaster
House: 5 bedroom
Design Flow: 450 gpd
Lagoon: 65'x65' Surface Area
Setback Requirements:
50' from PL
200' from Neighbors Foundation
100' from New House Foundation
100' from Well
25' from Water Line to New House
50' from Brush/Trees
Well
100.00'
50.00'
65.00'
50.00'
Removes Trees
65.00'
50.00'
Fence
CO
Neighbor's Lagoon
CO
100.00'
CO
CO
Proposed House
200.00'
11400
Ex. House
11450
11300
Ex. Lagoon

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. HS001700

System Type: Lagoon

Situs: 11450 STAGECOACH RD, PANAMA, NE 68372

Issued: 7/10/2018

Expires: 7/10/2019

Description: S31, T8, R8, 6th Principal Meridian, LOT 18 SE

Owner: RIGGS, SHANE RAY
11450 STAGECOACH RD
HICKMAN, NE 68372

Shavonna M. Lausterer, MPH, CPH, 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.

Shavonna M. Lausterer, MPH, CPH
Health Director

TAYLOR BUSS
8770 WAVERLY RD
LINCOLN, NE 68517

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

SCANNED

A

Permit Number HS001700

Onsite Wastewater Treatment System Permit Application

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

☒ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

Change of

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 11450 STAGECOACH RD City HICKMAN, NE Zip 68372
(no rural route)

Legal Description 31 8 8 18E
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 21-31-300-009-000 *Approx. Address (If to be determined)

B. Owner

Name Signature

Address 11450 STAGECOACH RD City/State/Zip HICKMAN, NE 68372

Home Phone Work Phone

C. Certified Installer

Name: TAYLOR BUSS Signature

Address 8770 WAVERLY RD City/State/Zip LINCOLN NE 68517

Work Phone 402-430-8380

D. Engineer

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

Designer Name Firm Work Phone

E. This system will serve a

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Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 450

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits
Comments
Date rec'd 2/9/18
Date frwd 2/10/18
ACTION ☒ Approved ☐ Disapproved
Signature

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

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

Installation Final Written Approval
By
Date 10/22/18

Business Office Use Only
Date Received 7-03-18 Amount Paid $405
Received By JAV Cash/Check No. 103

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

Form A Updated: 4/15

Exhibit Property

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

Permit Number: 45001700

Onsite Wastewater Treatment System

Inspection Sheet

Date 10/24/18 Legal Description _____

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 11450 Stagecoach 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 1665 Sq. Ft. (1659 ok) Tank Size 1500 gals

Total length of laterals 370 Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) poly bubbles

No. of Absorption Laterals 3 Width 3-4' No. of Drop Boxes 1 Distribution Box —

Leveling Method Used No (no fill)

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 _____

Inspections prior to Final Approval
Initial PH Date 10/22/18

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By _____

Date 10/24/18

Comments:

* No Garbage Grinder in house as per Contractor - PH.

Field Note Drawing (See Reverse Side):

* Soil not pretty but very Sandy. - PH

Updated 5/18

Nate C. Hartman

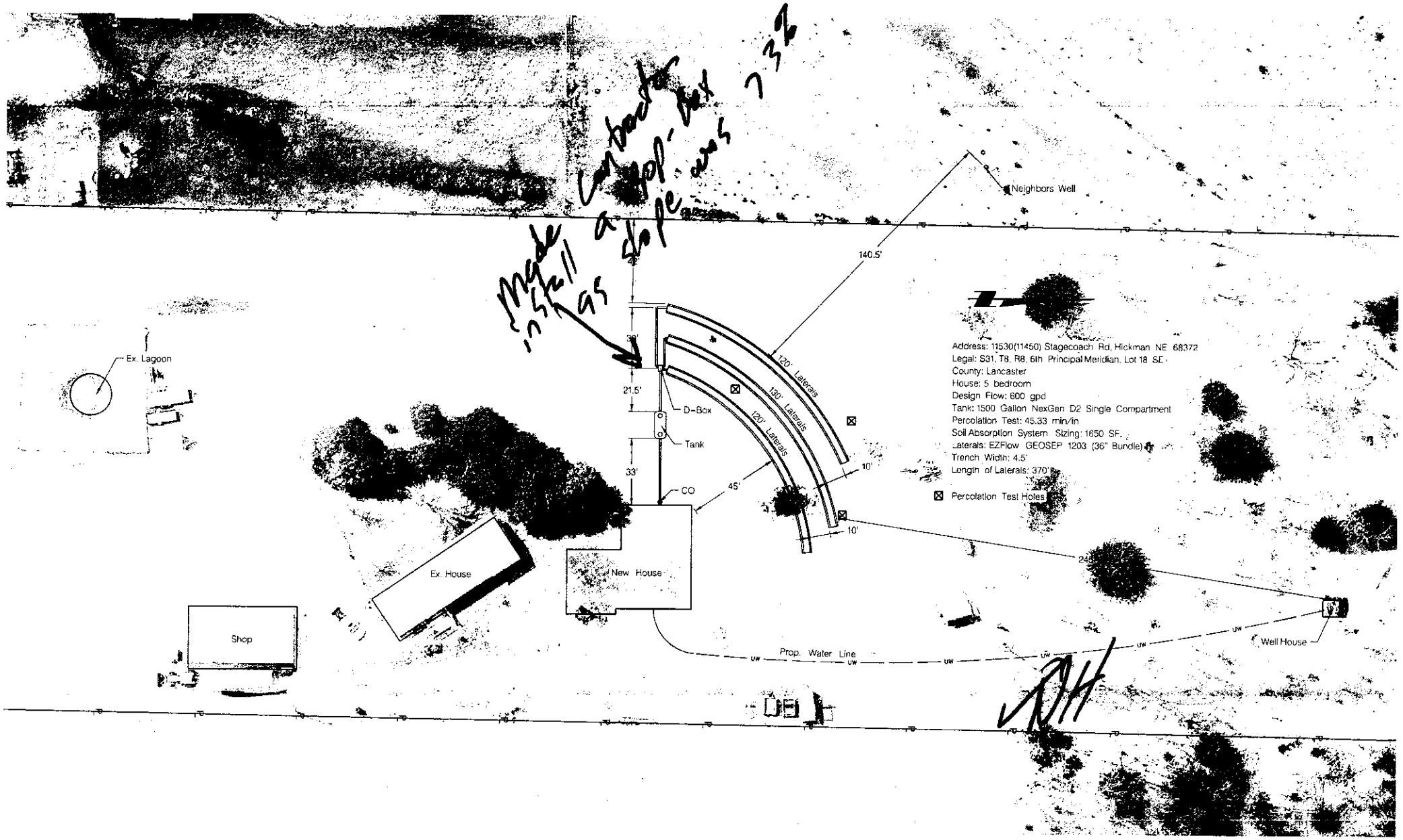
From: Taylor Buss <taylor.l.buss@gmail.com>
Sent: Monday, October 22, 2018 10:04 AM
To: Nate C. Hartman
Subject: 11530 Stagecoach Rd
Attachments: Septic As Built.pdf

Nate,

Attached is the as-built for the septic system at 11530 Stagecoach Rd(used to be 11450 Stagecoach). Might help during the inspection as far as the sizing of the system goes. Please give me a call when it's been inspected, looking to backfill this evening if everything checks out.

Thanks,

Taylor Buss
Nebraska Rural Septic
402-430-8380
Taylor.L.Buss@gmail.com


Neighbors Well
140.5'
Ex. Lagoon
36'
21.5'
D-Box
Tank
33'
CO
45'
120' Laterals
130' Laterals
120' Laterals
10'
10'
24'
Ex. House
New House
Shop
Prop. Water Line
UW
Well House
Address: 11530(11450) Stagecoach Rd, Hickman NE 68372
Legal: S31, T8, R8, 6th Principal Meridian. Lot 18 SE
County: Lancaster
House: 5 bedroom
Design Flow: 600 gpd
Tank: 1500 Gallon NexGen D2 Single Compartment
Percolation Test: 45.33 min/in
Soil Absorption System Sizing: 1650 SF.
Laterals: EZFlow GEOSEP 1203 (36" Bundle)
Trench Width: 4.5'
Length of Laterals: 370'
Percolation Test Holes

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

PREV. LAGOON PERMIT H5001700

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 11530 STAGECOACH RD City HICKMAN NE, Zip 68372
(no rural route) FORMERLY 11450 STAGECOACH

Owner SHANE RIGGS Address

Date of Tests 10/16/18 to 10/17/18 Weather: Precipitation NONE Temperature 65°F AT TIME OF TEST

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
		Saturation/Swelling Time				Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					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	36	10/16	5:00	10/17	5:10	10/17	5:10	6	10/17	5:40	30	5/8	48
2	38	↓	↓	↓	5:12	↓	5:12	6	↓	5:42	30	5/8	48
3	37	↓	↓	↓	5:13	↓	5:13	6	↓	5:43	30	3/4	40
								6					
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: TAYLOR BUSS
Phone: 402-430-8380
Address 8770 WAVERLY RD
LINCOLN NE 68517

Soil type (NRCS Maps/Other) GLACIAL TILL
Groundwater Depth

Sum of Percolation Rates: 136
Average of Rates: 45.33
Rate Used for Calculation: 40-50

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

Nate C. Hartman

From: Taylor Buss <taylor.l.buss@gmail.com>
Sent: Thursday, October 18, 2018 7:15 AM
To: Nate C. Hartman
Subject: Perc Test
Attachments: Perc Test.pdf

Nate,

The homeownes ended up wanting to do a septic out at 11450 Stagecoach Rd(new address of 11530) because they couldn't keep the current lagoon even close to full. Attached are the perc test results. The lagoon permit number we pulled initially is HS001700.

We are going to try out the 36" wide EZFlow. Just to confirm we are allowed to use 4.5' for the effective width, correct?

Thanks,

Taylor Buss
Nebraska Rural Septic
402-430-8380
Taylor.L.Buss@gmail.com

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. HS001700

System Type: Lagoon

Situs: 11450 STAGECOACH RD PANAMA, NE 68372

Description: S31, T8, R8, 6th Principal Meridian LOT 1 8 SE

Issued: 7/10/2018

Expires: 7/10/2019

LANCASTER COUNTY HEALTH DEPARTMENT

Owner: RIGGS, SHANE RAY
11450 STAGECOACH RD
HICKMAN, NE 68372

Shavonna M. Lausterer, MPH, CPH, Health Director

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