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

A

Permit Number
HS002183

Existing Home

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 2301 W Foothills Rd (no rural route) City Lincoln NE Zip 68523

Legal Description: SE (1/4) SW (1/4) 21 (Section) 9N (Township) 6E (Range) Ridgewood (Subdivison) 2 (Addition) 2 (Block) (Lot)

PID 09-21-301-004-000

B. Owner

Name Douglas D & Debra K Behrens Signature Douglas D Behrens Debra K Behrens

Address 2301 W Foothills Rd City/State/Zip Lincoln, NE 68523

Home Phone 402-421-1273 Work Phone Doug Cel 402-525-4963

C. Certified Installer

Name Lloyd Jakoubek, Raymond Contracting Inc Signature Lloyd L Jakoubek

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

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

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 3.39

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 Date frwd
ACTION ☐ Approved ☐ Disapproved Signature
Comments

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 3-18-21 Amount Paid $440.00
Received By JAO Cash/Check No CC5040

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 2301 W Foothills Rd (no rural route) City Lincoln NE, Zip 68523

Owner Doug & Deb Behrens Address 2301 W Foothills Rd, Lincoln, NE 68523

Date of Tests 11/5/20 to 11/6/20 Weather: Precipitation 0 Temperature 63°

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			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	40	11/5	2:00p	11/6	10:15a	11/6	1:45p	6	11/6	2:15p	30	3/4	40
2	24	"	"	"	"	"	"	6	"	"	"	1/2	60
3	24	"	"	"	"	"	"	6	"	"	"	7/8	34
4	21	"	"	"	"	"	"	6	"	"	"	1/2	60
								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

Soil type (NRCS Maps/Other) Aksarben SCL

Groundwater Depth >8'

Sum of Percolation Rates: 194

Average of Rates: 49

Rate Used for Calculation: 60 (20 mpi variance)

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
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

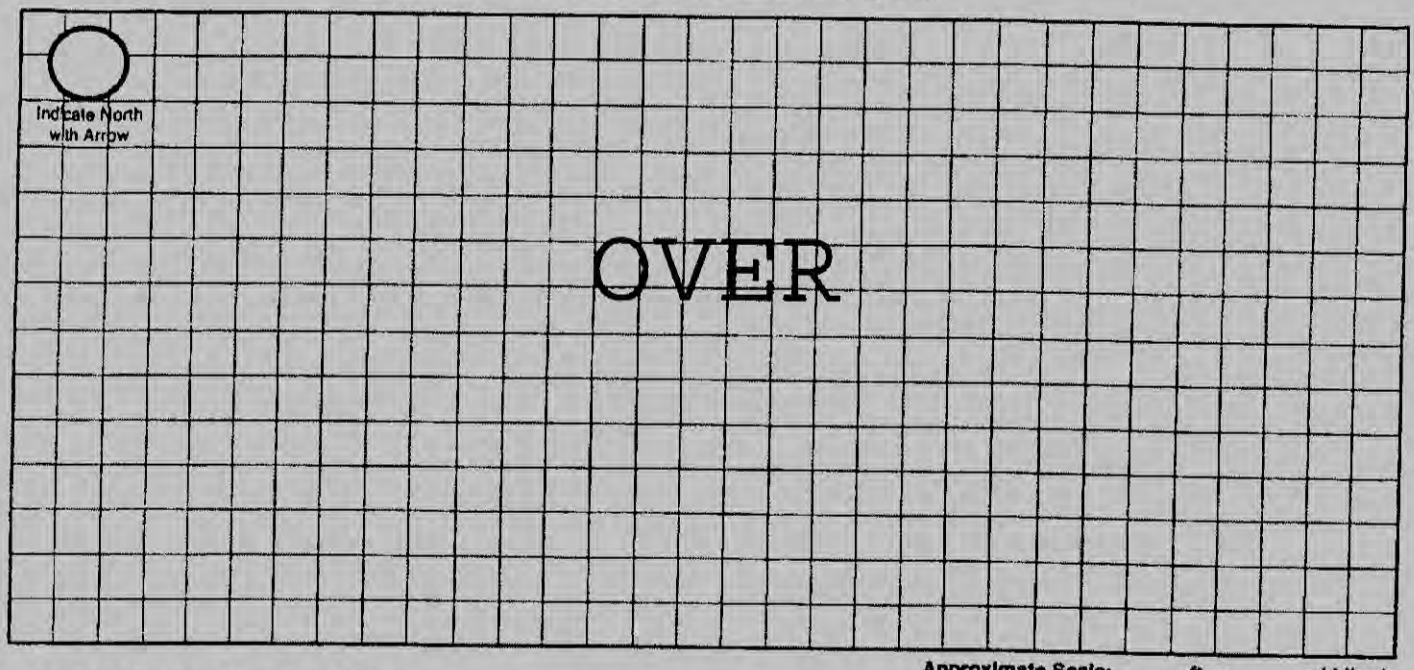
C

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) 2301 W Foothills Rd City Lincoln NE, Zip 68523

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 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 60 (min/inch = mpi) No. of Bedrooms 4 Soil Type Silty Clay Loam Land Slope _____ %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1440 sq.ft.

Total length of laterals 320 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 Width 38" No. of drop boxes 1 Distrubtion Box _____

No. of absorption beds _____ Width _____ No of Distribution lines per bed _____

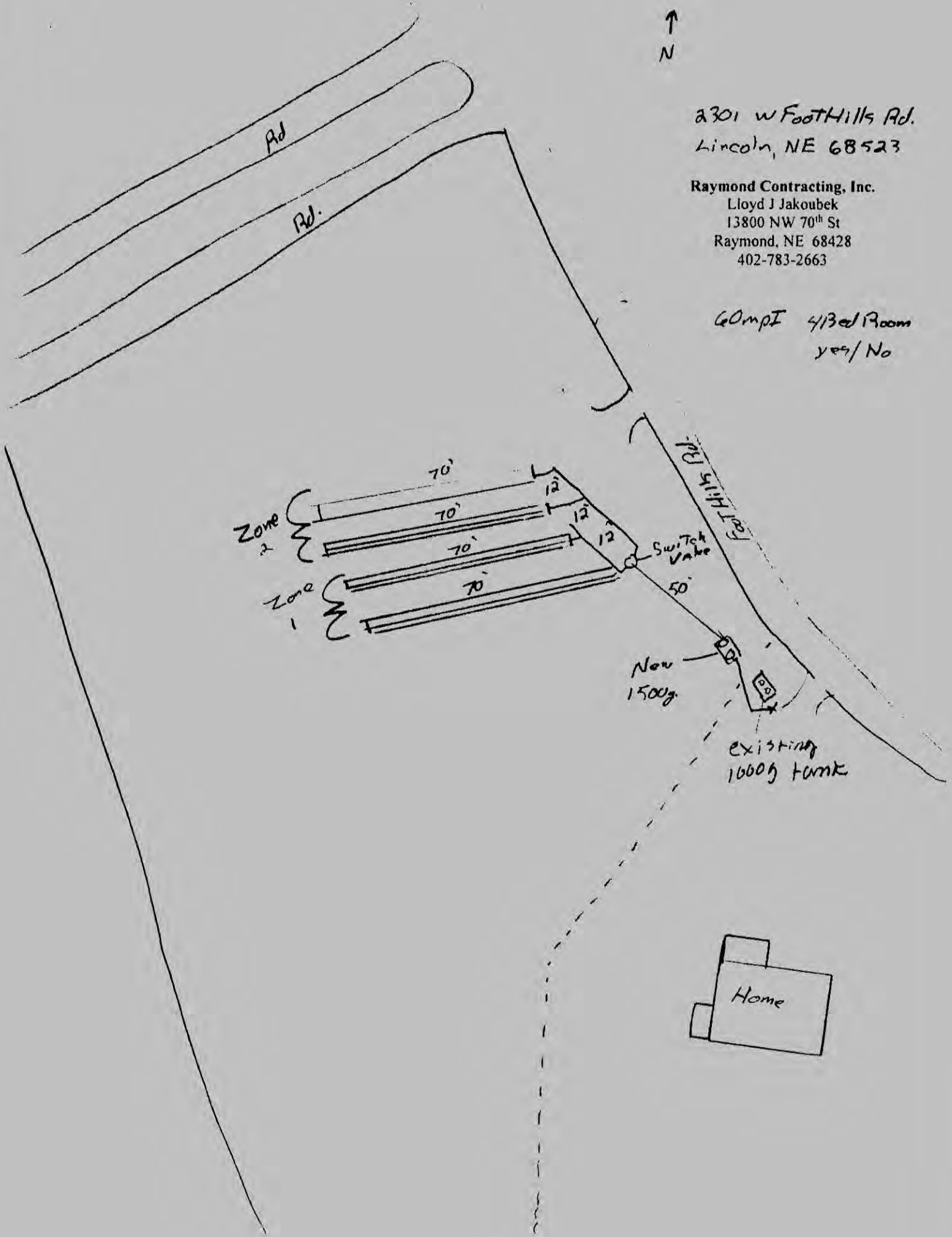
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 Existing Home Date _____

Installer [signature] Date 3/10/21



2301 W Foothills Rd.
Lincoln, NE 68523

Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663

60mpI 4/3 Bed Room
yes/No

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. HS002183

System Type: Standard

Situs: No Site Address Specified

Issued: 3/22/2021

Expires: 3/22/2022

Description: RIDGEWOOD, BLOCK 2, Lot 2

Owner: BEHRENS, DOUGLAS D & DEBRA K
2301 W FOOTHILLS RD
LINCOLN, NE 68523

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
Health Director

RAYMOND CONTRACTING INC
13800 NW 70TH ST
LINCOLN, NE 68428

SCANNED

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

A

Permit Number HS0021 83

Existing Home

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

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PID 09-21-301-004-000

B. Owner

Name Douglas D & Debra K Behrens Signature X Doug D Beh Debra K Behrens

Address 2301 W Foothills Rd City/State/Zip Lincoln, NE 68523

Home Phone 402-421-1273 Work Phone Doug Cel 402-525-4963

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Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

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

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

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E. This system will serve a

☑ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☑ No Garbage Grinder? ☑ Yes ☐ No Total Acres 3.39

☐ 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

X Municipal Code 24.38 X County Resolution No. 02-30

1. Health Department

Site visits 7/20/22 DC Date rec'd Date fwd

ACTION ☒ Approved ☐ Disapproved Signature

Comments

2. Supt. Bldg. Insp. or Village Clerk

Comments Date rec'd Date fwd

ACTION ☐ Approved ☐ Disapproved Signature

3. City or County Engineer

Comments Date rec'd Date fwd

ACTION ☐ Approved ☐ Disapproved Signature

Installation Final Written Approval

By Tracy Hunt

Date 7/29/22

Business Office Use Only

Date Received 3/8/22 Amount Paid $440.00

Received By JAO Cash/Check No CC5040

X System Replacement

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

Exhibit 5

Permit Number: HS002183

Onsite Wastewater Treatment System

Inspection Sheet

Date 7/29/21 Legal Description ____ ¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 2301 W. Foothills Rd 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 1440 Sq. Ft. Tank Size 1,500 gals

Total length of laterals 320' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) 62 Flow

No. of Absorption Laterals 4 Width 4.5 Facto. 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 ____ NA

Lateral #1 ____ Lateral #3 ____

Lateral #2 ____ Lateral #4 ____

Comments:

Inspections prior to Final Approval
Initial ____ Date 7/30/21

Follow-Up ____ Date ____

Follow-Up ____ Date ____

Installation Final Written Approval
By Doug Thiel

Date 7/29/21

Add Note Drawing (See Reverse Side):

Updated 4/15

4 Bed Room yes/No
60mpI Lateral 320' EZFlow
+ 2000g Tank



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

D

Permit Number: HS002183

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 PID = 09-21-301-004-000

Address or Legal Description or Parcel Identification Number (PID) 2301 W Foothills Rd, Lincoln, NE 68523

Owner: Douglas D & Debra K Behrens Address 2301 W Foothills Rd, Lincoln, NE 68523

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 74 (new) ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000g
3. Depth to top of tank, below unfinished grade: 20-16 in.
4. Distance to:
   Well 200 ft. +
   Pressure line N/A ft +
   Property Line 50 ft. +
   Foundation 100 ft. +

C Distribution Box or Drop Box

Distance and Direction from septic tank: 31 ft. N

D. Drainfield/Absorption Field

☑ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☑ Other
   Material brand and inside width of Chamberless: EZFlow 1203H Bundles
2. Number of Laterals: 4 Depth: 24" - 30"
3. Length of each lateral (linear): ft. 80 ft. 80 ft. 80 ft. 80
4. Drainfield size: 1,440 sq. ft.
5. Distance to:
   Well 200 ft. +
   Pressure line N/A ft. +
   Property line 50 ft. +
   Depth of Groundwater >8'

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☑ Yes (Partially) ☐ 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: Kurt L. Jahnke Date: 7/20/21

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

4 Bed Room yes/No
60mpI Lateral 320' EZ Flow
+ 2000g Tank

SCANNED

