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

A

Permit Number HS002601

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* W Bluff Rd City Malcolm, NE Zip 68402
(no rural route)

Legal Description SW SE 17 11N 5E 41
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 05-17-400-013-000 *Approx. Address (If to be determined) 11600??

B. Owner

Name Darren L & Michelle D Ferguson Signature DocuSigned by: DF 0A6AB1FCEF20458...

Address 5645 NW 11th Cir City/State/Zip Lincoln, NE 68521

Home Phone 402-890-4132 Work Phone

C. Certified Installer

Name: Terri Jakoubek Signature Terri L. Jakoubek

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

Work Phone 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 5 Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 12.63
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

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 10-04-23 Amount Paid $470
Received By JAO Cash/Check No CC5040

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

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

B

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

SW1/4 SE1/4 S17-T11N-R5E Lot 41

For Darren Ferguson

PLEASE PRINT OR TYPE

Onsite System Location

Address W Bluff Rd (no rural route) City Malcolm NE, Zip 68402

Owner Cohano Investments LLC Address 3350 North Fork Hwy, Cody, WY 82414

Date of Tests 8/16/23 to 8/17/23 Weather: Precipitation None Temperature 74°

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	72	8/16	12:30p	8/17	11:30a	8/17	3:00p	6	8/17	3:30p	30	1-1/8	27
2	72	8/16	12:30p	8/17	11:30a	8/17	3:00p	6	8/17	3:30p	30	5/8	48
3	72	8/16	12:30p	8/17	11:30a	8/17	3:00p	6	8/17	3:30p	30	11/16	44
4	72	8/16	12:30p	8/17	11:30a	8/17	3:00p	6	8/17	3:30p	30	1-3/8	22
5								6			30		-
6								6			30		-
7								6					
8								6					

Person Conducting Percolation Test

Name: Vern Jakoubek

Phone: 402-783-2663

Address 13800 NW 70th St Raymond, NE 68428

Sum of Percolation Rates: 141

Average of Rates: 35

Rate Used for Calculation: 48 (20 mpi variance)

Soil type (NRCS Maps/Other) Shelby CL/Aksarben SCL

Groundwater Depth >10'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

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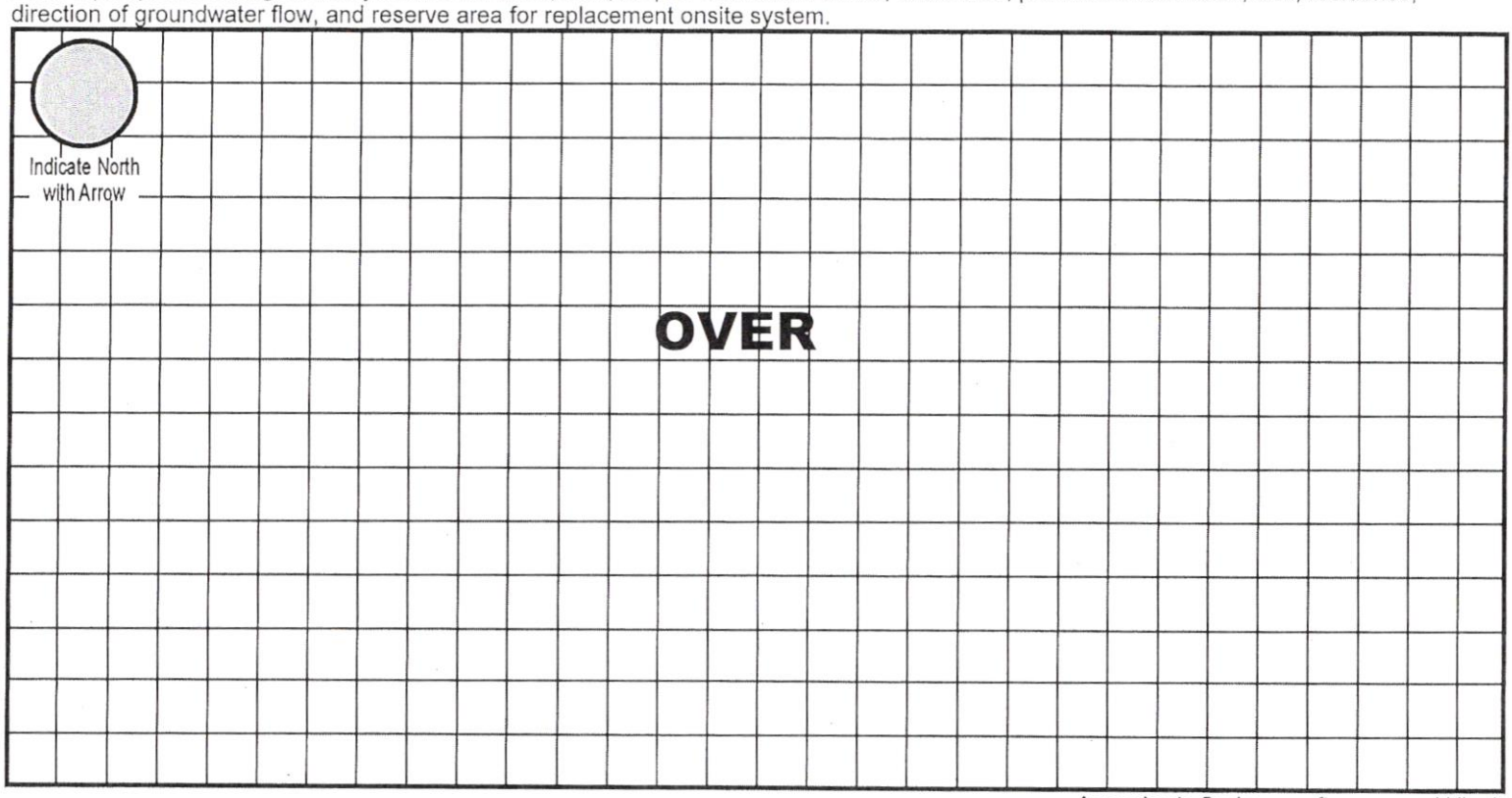
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

C

Permit Number

Onsite Wastewater Treatment System
Preliminary Plan Specification

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



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

SW1/4 SE1/4 S17-T11N-R5E Lot 41

A. Onsite System Location

Address (no rural route) W Bluff Rd City Malcolm NE, Zip 68402

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 gals Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. Seepage 1/8"/day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☑ Lagoon

D. Drainfield Absorption System

Percolation Rate 48 (min/inch = mpi) No. of Bedrooms 5 Soil Type Shelby CL/Aksarben SCL Land Slope _____ %

☑ Trench ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) Total square feet of drainfield _____ Sq. Ft.

Total length of laterals 370' Type of Distribution: ☐ Perforated Pipe ☐ Half-Round ☐ Chambers ☑ Other EZFlow 1203H

No. of Absorption Trenches 4 Width 38" No. of Drop Boxes 1 Distribution Box _____

No. of Absorption Beds _____ Width _____ No. of Distribution Lines per Bed _____

Installer Nesi L. Jakowdek DocuSigned by: Date: 10/2/23

Builder Maria Semerad A4CA9B334A00467... Date: 10/2/2023

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



Parcel ID: 0517400013000
Owner: FERGUSON, DARREN L & MICHELLE D
Property Address:
Legal Description: S17, T11, R5, Acres 6th Principal Meridian, LOT 41 SE

Printed:10/2/2023

Disclaimer:
The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email assessor@lancaster.ne.gov and you will be directed to the appropriate department.

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. HS002601

System Type: Standard

Situs: No Site Address Specified

Issued: 10/5/2023

Expires: 10/5/2024

Description: S17, T11, R5, Acres 6th Principal Meridian, LOT 41 SE

Owner: FERGUSON, DARREN L & MICHELLE D
5645 NW 11 CIR
LINCOLN, NE 68521

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, 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
RAYMOND, NE 68428