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

A

Permit Number
tk00085 5

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 15050 S. 134th (no rural route) City Bennet, NE Zip _____

Legal Description _____

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 21-16-100-015-000

B. Owner

Name Patrick Martin Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone _____

C. Certified Installer

Name: Nathan Peterson Signature _____

Address 7701 Cornhusker Hwy City/State/Zip Lincoln NE 68507

Work Phone 402-202-8130

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 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 3+

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 12/12/13

Date frwd 12/12/13

Comments _____

ACTION ☐ Approved ☐ Disapproved

Signature _____

2. Supt. Bldg. Insp. or Village Clerk

Comments _____ Date rec'd 12/12/13

Date frwd 12/12/13

ACTION ☒ Approved ☐ Disapproved

Signature _____

3. City or County Engineer

Comments _____ Date rec'd 12-12-13

Date frwd 12-12-13

ACTION ☒ Approved ☐ Disapproved

Signature Jim Ploough

Installation Final Written Approval

By _____

Date _____

Business Office Use Only

Date Received 12-12-13 Amount Paid 365.00

Received By LC Cash/Check No. 3837

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

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 15050 S. 134th St (no rural route) City Bennet NE, Zip

Owner Patrick Martin Address

Date of Tests 12/8/13 to 12/9/13 Weather: Precipitation 0 Temperature 50°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. 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	36"	12/8	1:00	12/8	5:00	12/9	1:00	6	12/9	5:00	30	5/8	48
2	36"	12/8	1:00	12/8	5:00	12/9	1:00	6	12/9	5:00	30	5/8	48
3	36	12/8	1:00	12/8	5:00	12/9	1:00	6	12/9	5:00	30	3/4	40
4	36	12/8	1:00	12/8	5:00	12/9	1:00	6	12/9	5:00	30	3/4	40
5	36	12/8	1:00	12/8	5:00	12/9	1:00	6	12/9	5:00	30	5/8	48
6	36	12/8	1:00	12/8	5:00	12/9	1:00	6	12/9	5:00	30	5/8	48
								6					
								6					

Person Conducting Percolation Test

Name: Nathan Peterson
Phone: 402-202-8130
Address 7701 Cornhusker Hwy Lincoln NE 68507

Sum of Percolation Rates: 272
Average of Rates: 45
Rate Used for Calculation: 45

Soil type (NRCS Maps/Other)

Groundwater Depth

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

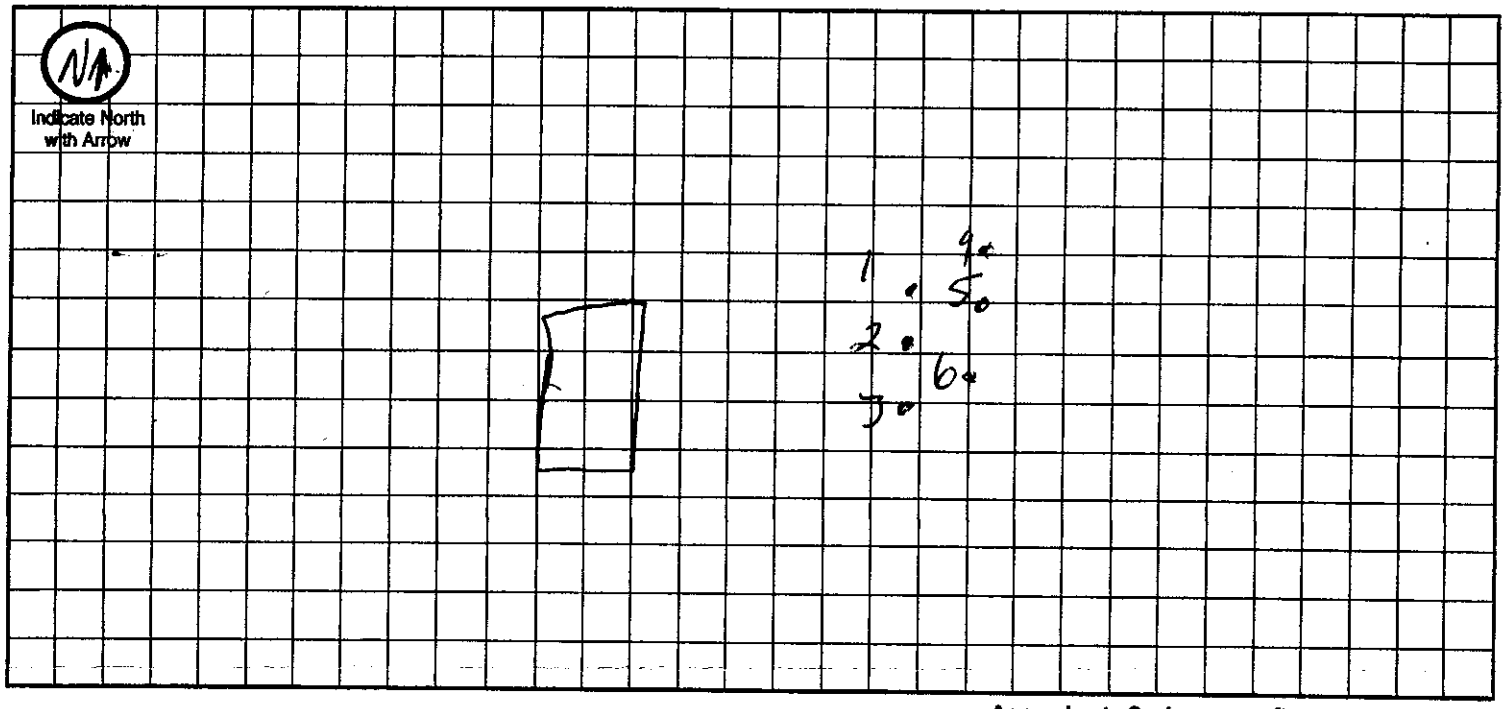
C

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) 15050 S, 134th St City Bennett NE, Zip _____

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 45 (min/inch = mpi) No. of Bedrooms 3 Soil Type Wymore Land Slope_____%

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield_____sq.ft.

Total length of laterals_____ Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☐ Other

No. of absorption trenches_____ Width_____ No. of drop boxes_____ 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_____ Date _____

Installer_____ Date _____

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. HS000855

System Type: Standard

Situs: No Site Address Specified

Issued: 12/17/2013

Expires: 12/17/2014

Description: S16, T8, R8, 6th Principal Meridian, LOT 19 NW

Owner: MARTIN, PATRICK P JR & EVELYN M
5401 HAPPY HOLLOW LN
LINCOLN, NE 68516

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

INFINITY EXCAVATING
7701 CORNHUSKER HWY.
LINCOLN, NE 68507

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

SCANNED

A

Permit Number
tk00085 5

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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

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1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 21-16-100-015-000

B. Owner

Name Patrick Martin Signature

Address City/State/Zip

Home Phone Work Phone

C. Certified Installer

Name: Nathan Peterson Signature

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Work Phone 402-202-8130

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

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Garbage Grinder? ☒ Yes ☐ No

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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
Comments
Date rec'd 12/12/13
Date frwd 12/12/13
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 12/12/13
Date frwd 12/12/13
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 12-12-13
Date frwd 12-12-13
ACTION ☒ Approved ☐ Disapproved
Signature Jim Blaugh

Installation Final Written Approval
By Jay Mark
Date 5/16/14

Business Office Use Only
Date Received 12-12-13 Amount Paid 365.00
Received By LC Cash/Check No. 3837

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

Form A Updated: 1/13

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
LAGOON/SEPTIC INSPECTION REPORT

Permit No. HS000855 Certified Installer: Peterson

Address: 15050 S. 134th

Circle compliance status for each item. **IN = in compliance OUT = not in compliance NA = not applicable NO = not observed**

LAGOON SETBACKS

COMMENTS

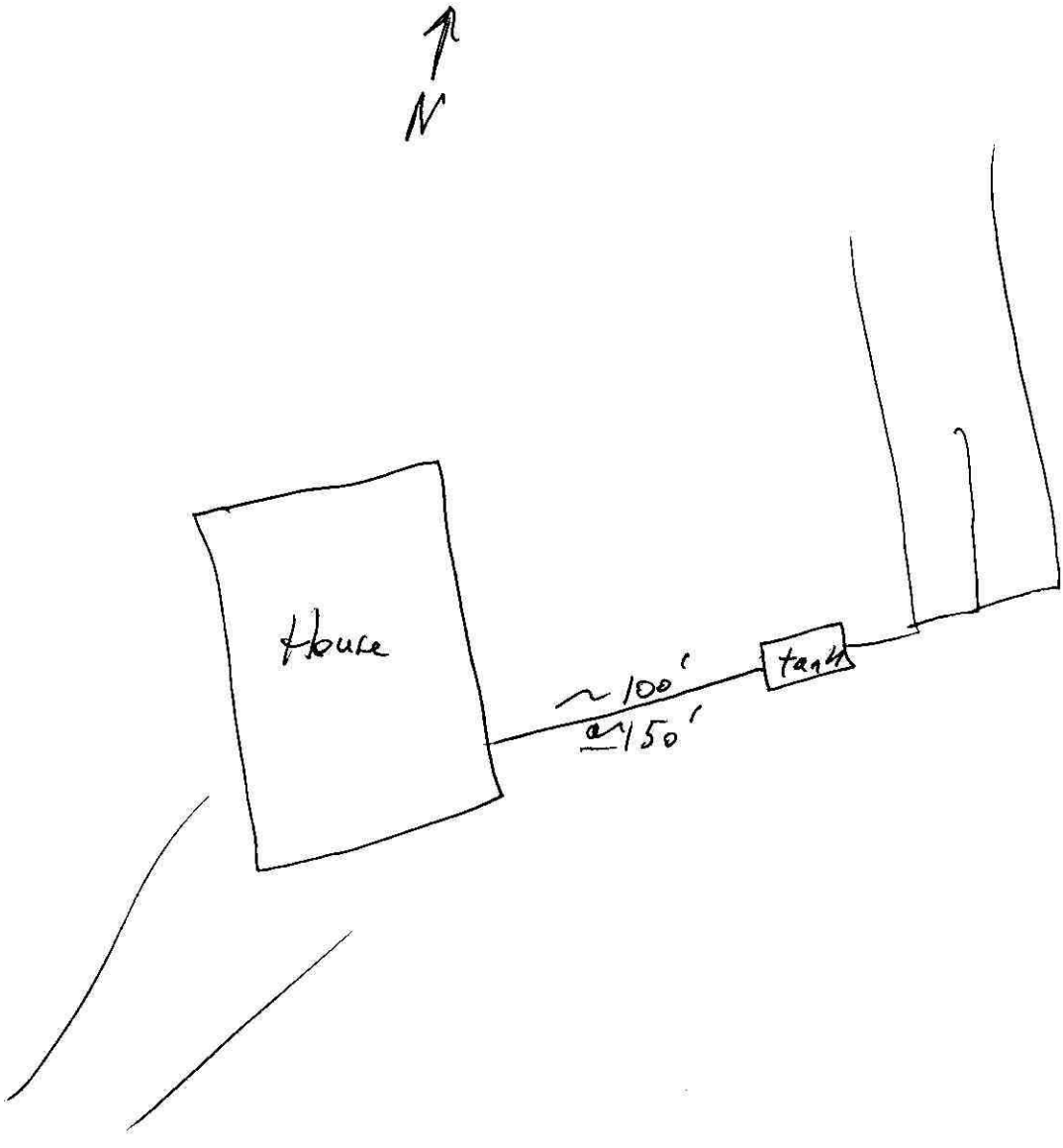
				Item	MIN. SETBACK DISTANCE – FT. (METERS)	
IN	OUT	NA	NO	Surface Wtr. Distance from Wtr. Mark	50 ft. (15.2 m)	
IN	OUT	NA	NO	Private Drinking Water Wells	100 ft. (30.5 m)	
IN	OUT	NA	NO	Public Drinking Water Supply Wells:		
IN	OUT	NA	NO	Non-Community	100 ft. (30.5 m)	
IN	OUT	NA	NO	Community	Evaluated by a professional engineer for potential impact on the well and submitted to the Dept. for approval I if less than 1000 ft. (304.8 m)	
IN	OUT	NA	NO	All Other Water Wells	100 ft. (152.4 m)	
IN	OUT	NA	NO	Water Lines:		
IN	OUT	NA	NO	Pressure Main	25 ft. (7.6 m)	
IN	OUT	NA	NO	Pressure-Service Connection	25 ft. (7.6 m)	
IN	OUT	NA	NO	Suction Line	100 ft. (30.5 m)	
IN	OUT	NA	NO	Property Lines	50 ft. (15.2 m)	
IN	OUT	NA	NO	Trees and Brush	50 ft. (15.2 m)	
IN	OUT	NA	NO	Foundations: (see definition above)		
IN	OUT	NA	NO	Except Neighbor's Foundation:		
IN	OUT	NA	NO	Class 1	100 ft. (30.5 m)	
IN	OUT	NA	NO	Class 2	100 ft. (30.5 m)	
IN	OUT	NA	NO	Class 3	50 ft. (15.2 m)	
IN	OUT	NA	NO	Neighbor's Foundation:		
IN	OUT	NA	NO	Class 1	200 ft. (61.0 m)	**Lagoon Dimensions:**
IN	OUT	NA	NO	Class 2	200 ft. (61.0 m)	
IN	OUT	NA	NO	Class 3	100 ft. (30.5 m)	

TANK AND SOIL ABSORPTION SYSTEM SETBACKS

COMMENTS

				Item	MIN. SETBACK DISTANCE – FT. (METERS) Tanks	Absorption, Infiltrative & Evaporative Systems	
IN	OUT	NA	NO	Surface Water	50 ft. (15.2 m)	50 ft. (15.2 m)	
IN	OUT	NA	NO	Private Drinking Water Wells	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Public Drinking Water Supply Wells:			
IN	OUT	NA	NO	Non-Community System	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Community System	500 ft. (152.4 m)	500 ft. (152. 4 m)	
IN	OUT	NA	NO	Community System when a septic system or soil absorption system of > 1000 gpd is proposed	500 ft. (152.4 m)	Evaluated by professional engineer for potential impact on the well and submitted to the Depart. for approval if less than 1000 ft.	
IN	OUT	NA	NO	All Other Water Wells	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Water Lines:			
IN	OUT	NA	NO	Pressure-Main	10 ft. (3.1 m)	25 ft. (7.6 m)	
IN	OUT	NA	NO	Pressure-Service – Connection	10 ft. (3.1 m)	25 ft. (7.6 m)	
IN	OUT	NA	NO	Suction Lines	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Property Lines	5 ft. (1.5 m)	5 ft. (1.5 m)	
IN	OUT	NA	NO	Parking area, driveway, sidewalk or other impermeable surface or cover	5 ft. (1.5 m)	5 ft. (1.5 m)	
IN	OUT	NA	NO	Foundations: (see definitions above)			
IN	OUT	NA	NO	Except Neighbor's Foundation:			
IN	OUT	NA	NO	Class 1	15 ft. (4.6 m)	30 ft. (9.1 m)	
IN	OUT	NA	NO	Class 2	10 ft. (3.1 m)	20 ft. (6.1 m)	**Septic Tank Size:** 1500
IN	OUT	NA	NO	Class 3	7 ft. (2.1 m)	10 ft. (3.1 m)	
IN	OUT	NA	NO	Neighbor's Foundation:			
IN	OUT	NA	NO	Class 1	25 ft. (7.6 m)	40 ft. (12.2 m)	**Lateral Sq. Footage:**
IN	OUT	NA	NO	Class 2	20 ft. (6.1 m)	30 ft. (9.1 m)	-150' lateral
IN	OUT	NA	NO	Class 3	15 ft. (4.6 m)	20 ft. (6.1 m)	-150' lateral -50' lateral

Inspected By: [signature] **Date:** 5/15/14


N
House
~100'
or 150'
tank