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

A

Permit Number HS001798

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 _____ (no rural route) City _____, NE Zip _____

Legal Description 15 8 7 South Ridge Acres 3 11
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 15-15 403-011-000

B. Owner

Name Baade Property LLC Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone _____

C. Certified Installer

Name: Scott Mueller Signature _____

Address 1345 D 218th Rd City/State/Zip Syracuse NE 68446

Work Phone 402-430-2946 mueller.trenching@gmail.com

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 _____
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. [illegible]

1. Health Department
Site visits _____ Date rec'd _____
Date frwd _____
Comments _____

2. Supt. Bldg. Insp. or Village Clerk
Comments _____ Date rec'd _____
Date frwd _____

3. City or County Engineer
Comments _____ Date rec'd _____
Date frwd _____

Final Written Approval

#10 3-29-19
$420 CC 7194

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

B

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address SOUTH RIDGE ACRES BLOCK 3 LOT 11 (no rural route) City ROCA NE, Zip 68430

Owner BAADE PROPERTY LLC Address

Date of Tests 8/9/18 to 8/10/18 Weather: Precipitation 0 Temperature 90

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 Water Lev (in.)	End		Elapsed Time Interval	Water Level Drop(in)	Percolation Rates (Min/in = mpi)
Hole No.	Hole Depth(in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)		Date (Mo/Da)	Time (Hr/Min)			
1	30	8/9	6:00	8/10	7:50	8/10	11:20	6	8/10	11:50	30	5/8	48
2	30	8/9	6:00	8/10	7:50	8/10	11:20	6	8/10	11:50	30	1/2	60
3	30	8/9	6:00	8/10	7:50	8/10	11:20	6	8/10	11:50	30	5/8	48
4	30	8/9	6:00	8/10	7:50	8/10	11:20	6	8/10	11:50	30	5/8	48
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: JASON KUBIK
Phone: 402-475-2462
Address 105 LOCUST ST
HICKMAN, NE 68372

Sum of Percolation Rates: 204
Average of Rates: 51
Rate Used for Calculation: 51

Soil type (NRCS Maps/Other) 7466 OTOE SILTY CLAY
Groundwater Depth +12'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

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. HS001798

System Type: Standard

Situs: No Site Address Specified

Issued: 4/2/2019

Expires: 4/2/2020

Description: S10, T7, R7, 6th Principal Meridian, LOT 59 SW

Owner:

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

RAYMOND CONTRACTING INC
13800 NW 70TH ST
RAYMOND, 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 HS001798

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 _____ City _____ NE Zip _____
(no rural route)

Legal Description 15 8 7 South Ridge Acres 3 11
1/4 1/4 Section Township Range Subdivision Addition Block Lot

PID 15-15 403-011-000

B. Owner

Name Baade Property LLC Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone _____

C. Certified Installer

Name: Scott Mueller Signature _____

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

Work Phone 402-430-2946 mueller.trenching@gmail.com

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 3.5 +2.5

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. 93-[illegible]

1. Health Department
Site visits 7/10/19 Date rec'd 4/2/19
Comments _____ Date fwd 4/2/19

2. Supt. Bldg. Insp. or Village Clerk
Comments _____ Date rec'd _____
Date fwd _____

3. City or County Engineer
Comments _____ Date [illegible]

PAID 3-29-19 $420.00 CC 7194

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

Exhibit 5

Permit Number: HS001798

Onsite Wastewater Treatment System

Inspection Sheet

T8-R7-S.15

Date 7/10/19

Legal Description ____ South Ridge Acres ____ Blk 3 Lot 11
¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 15501 S. 81st 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 1,755 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 390' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E2 Flow factor

No. of Absorption Laterals 3 Width 4.5 No. of Drop Boxes ____ Distribution Box ____ E2 flow

Leveling Method Used ____

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

– Drawing in file

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 NA Lateral #3 ____

Lateral #2 ____ Lateral #4 ____

Comments:

Inspections prior to Final Approval
Initial DS Date 7/10/19

Follow-Up ____ Date ____

Follow-Up ____ Date ____

Installation Final Written Approval
By Doug Rasmussen

Date 7/12/19

Field Note Drawing (See Reverse Side):

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

D

Permit Number: HS001798

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date 7/10/19 Legal Description _____ 1/4 1/4 Section Township Range

Onsite System Location 15501 So 81st

Address (no rural route) ~~15001~~ 15501 So 81st City Raca NE, Zip _____

Owner _____ Address _____

A. Sewer Pipe

1. Material: PVC
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: ~~150~~ 150 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line 20 ft.
   property line 60 ft.

B. Septic Tank

☐ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 2000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 18 in.
   Over outlet, diameter 18 in.
   Riser: ☒ above ☐ below grade 6 in.
5. Inlet: ☒ baffle ☐ tee ☐ 6" dia. inspection pipe
6. Outlet: ☒ baffle ☐ tee ☐ 6" dia. inspection pipe
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line ~~30~~ 30 ft.
   Property line 60 ft.

C. ☒ Distribution Box ☐ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: Plastic
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 22 ft.

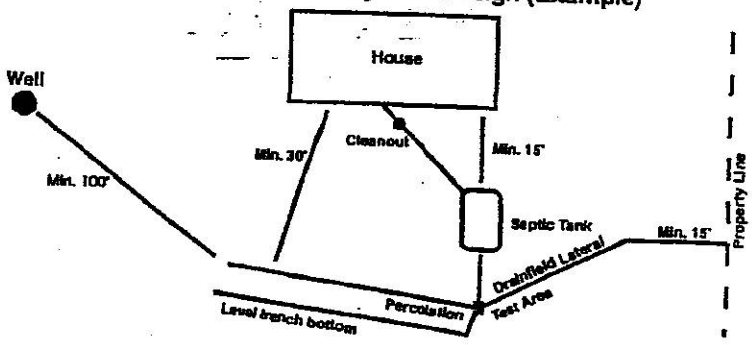
D. Drainfield Absorption

☒ Trench ☐ Bed ☐ Level Bottom

1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: 36"
   Number of distribution lines in bed 3
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☒ other EZ-Flow
2. Drainfield Laterals: Number 3
   Length of each line: 150 ft. 150 ft.
   90 ft. _____ ft., _____ ft.
3. Drainfield dimensions: Width _____ ft.
   Distribution Pipe Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line NA ft.
   Pressure line 100 ft.
   Property line 40 ft.
   House or building 220' ft.
   Lake or Stream NA ft.

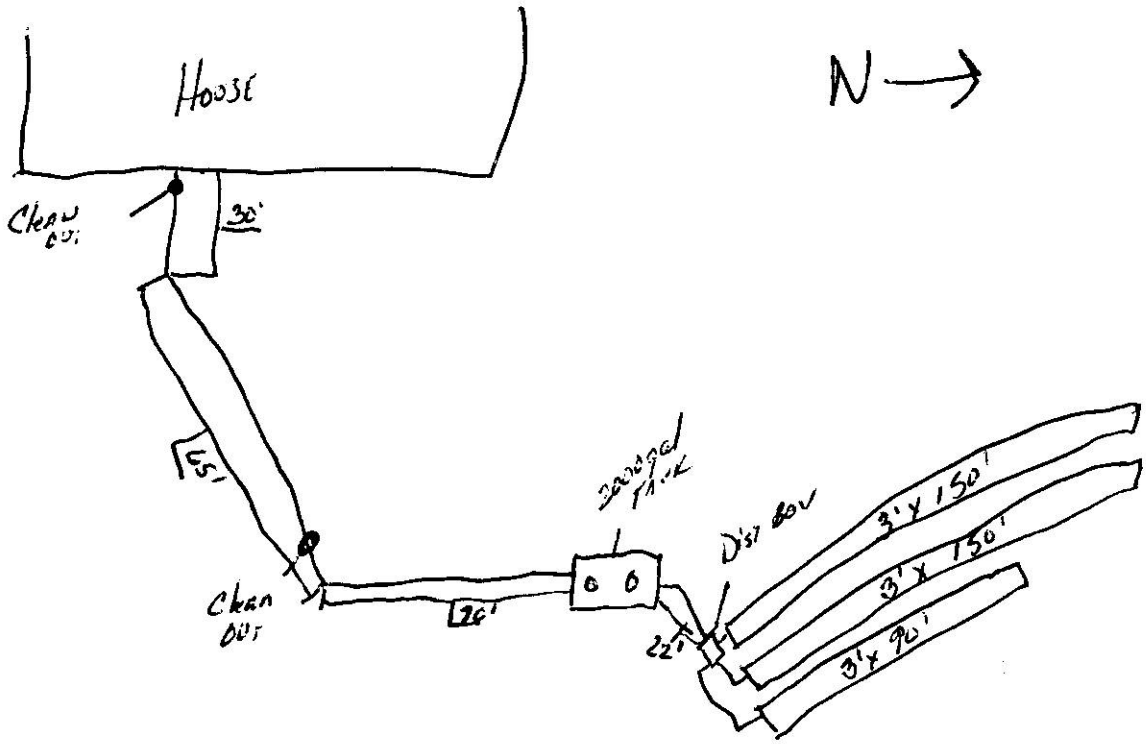
Complete As-Built drawing on the back for this form.

Onsite Wastewater System Design (Example)



icate North
ith Arrow

s Form D 12_06


House
N
Clean Out
30'
45'
Clean Out
24'
Dosing Tank
Dist Box
22'
3' x 150'
3' x 150'
3' x 90'