JUN 15 2015

Application to Alter or Repair an Onsite Wastewater Treatment System

The applicant is applying for a permit to: ☒**ALTER** ☐**REPAIR** an existing Onsite Wastewater Treatment System, and agrees to comply with LMC 24.38 or County Resolution 02-0030.

1. **Street Address (No Rural Route):** 3210 W Buckthorn Rd, Lincoln, NE 68523

   Legal Description of Property: Township: 9N Range: 6E Section: 17 NE

   Block 2 Lot 2 SubDivsion Hitching Post Hills Add: 1st

   ***Parcel ID** 09 - 17 - 202 - 005 - 000 (i.e. 99-99-999-999-999)

2. **Property use:** ☒ Residential ☐ Commercial ☐ Other use (Describe: _____)

   Number of bedrooms 3 Does the system have a: ☒ Garbage Grinder ☐ Large Capacity Tub

3. **Type of Present Individual Disposal System** ☒ septic system ☐ lagoon ☐ other

4. **Description of proposed alteration or repair:** Add 90' of drainfield to bring into compliance with Title 124.

5. **Current Type of Lateral-** Perforated pipe w/gravel **Current Linear Ft. Of Lateral -** 300'

   Current Tank Gallonage- 1,500 (new tank, installed 12/4/14

6. Print Name Mike Moellering Address 3210 W Buckthorn Rd, Lincoln, NE 68523 Phone: 402-423-5027 or 402-429-2342

   Applicant Signature: Mike Moellering 6/10/15

Please contact LLCHD for the current permit fee for this application

Fee must be included before the application will be processed. Incomplete information will delay processing.

HEALTH DEPARTMENT USE ONLY

☐Municipal Code 24.38 ☐County Resolution Number 02-30

Date received ____/____/____ REVIEW: ☐ Approved ☐ Disapproved By: _____

Comments (if any): _____

Site visits

Date ____/____/____ By _____

Date ____/____/____ By _____

Installation final written approval

Date ____/____/____ By _____

Return application to:

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

Business Office Use Only

Received: Date: 6/15/15 Amount $205.00 Check No. 8681

Initials CD

Revised 4/8/13

20105-0477
ABSORPTION TEST DATA REPORT
nex to Application)
eference: City Ordinance No. 9150 and
ounty Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 474-1541

B

FILE NO. 1595

PROPERTY WHERE SOIL TESTED: 17 n.e. quarter

Location: Township 9 north ; Range 6 ; Section & ¼ Section Section
Property Dimensions: (Irregular) 619 ft. x 237 ft. Area: 3.2 acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☐ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .
Dates of Tests: Aug 7 to Aug 8 . Weather: Precip. 0 Temp. 90 .
OWNER: Eric & Karen Moellering
Address: 2928 So 25th Lincoln Ne 68502

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Water Level (in.)	Time (Hr./ Day)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./in.)
1	24"	8/7	12:35	8/8	illegible	illegible	illegible	2¼	3:30	2 3/4	30	3/4"	
2	24"	8/7	12:30	8/8	illegible	illegible	illegible	3¾	illegible	3	30	3/4"	
3	24"	8/7	12:30	8/8	illegible	illegible	illegible	3¾	illegible	3 1/4	30	5/8"	
4	30"	8/7	12:30	8/8	illegible	illegible	illegible	3¼	illegible	2¾	30	illegible	
5	30"	8/7	12:30	8/8	illegible	illegible	illegible	illegible	illegible	3 1/4	30	1/2"	
6	30"	8/7	12:30	8/8	illegible	illegible	illegible	3¾	3:30	3 1/2	30	5/8"	

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

Eric M. Moellering
Signature of Person Conducting Test
Address 2928 So 25th Phone 423-8984 home 477-9291 work

(Do not write below this line)

REVIEWING ACTION

Remarks: _____
Soil Type (SCS): Wymore Silty Clay Loam
Date: September 11, 1979

Approved Percolation Rate (a)
A. 48 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Hood
Signature of Reviewing Official

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

D

Permit Number:

Onsite Wastewater Treatment System

As Built Plans & Specifications

Hitching Post Hills 1st Add

Date June 10, 2015 Legal Description NE 1/4 1/4 17-9N-6E Section Township Range Block 2, Lot 2

Onsite System Location

Address (no rural route) 3210 Buckthorn Rd City Lincoln NE, Zip 68523

Owner Mike Moellering Address Same

A. Sewer Pipe

1. Material: ~~Cast Iron~~ / PVC
   Diameter: 4 in.
2. Distance above ~~basement~~ floor: 20 in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 37 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 50+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 10+ ft.

B. Septic Tank

☐ Label with Manufacturer, address and gallon capacity

1. Material: New - Accurate Precast
   Number of compartments: one
2. Capacity: 1,500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade at 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 50 ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Done 12/4/2014

C. ☐ Distribution Box ☐ Drop Boxes

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

1. Material: Cultec 2015 New Style Valve
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 21 ft.

D. Drainfield Absorption

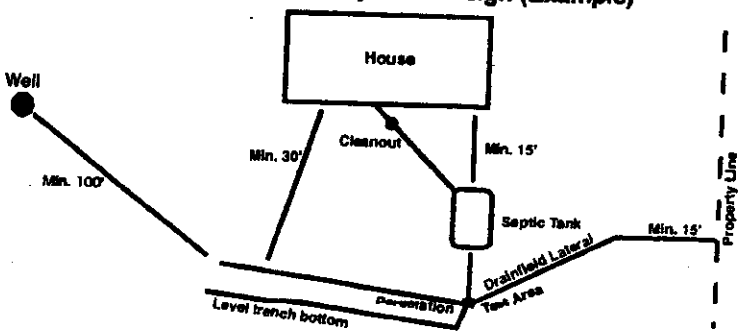
☑ Trench ☐ Bed ☐ Level Bottom

1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 90 ft. 90 ft.
   90 ft. 90 ft. ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope 2 in/100 ft.
   Average depth 24 in
4. Filter material: Pea Gravel
   Depth of material 24 in. New
5. Distances to: Well or suction line 100 ft.
   Pressure line 100 ft.
   Property line 10 ft.
   House or building 100 ft.
   Lake or Stream 100 ft.

Done 12/10/2015

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

Onsite Wastewater System Design (Example)

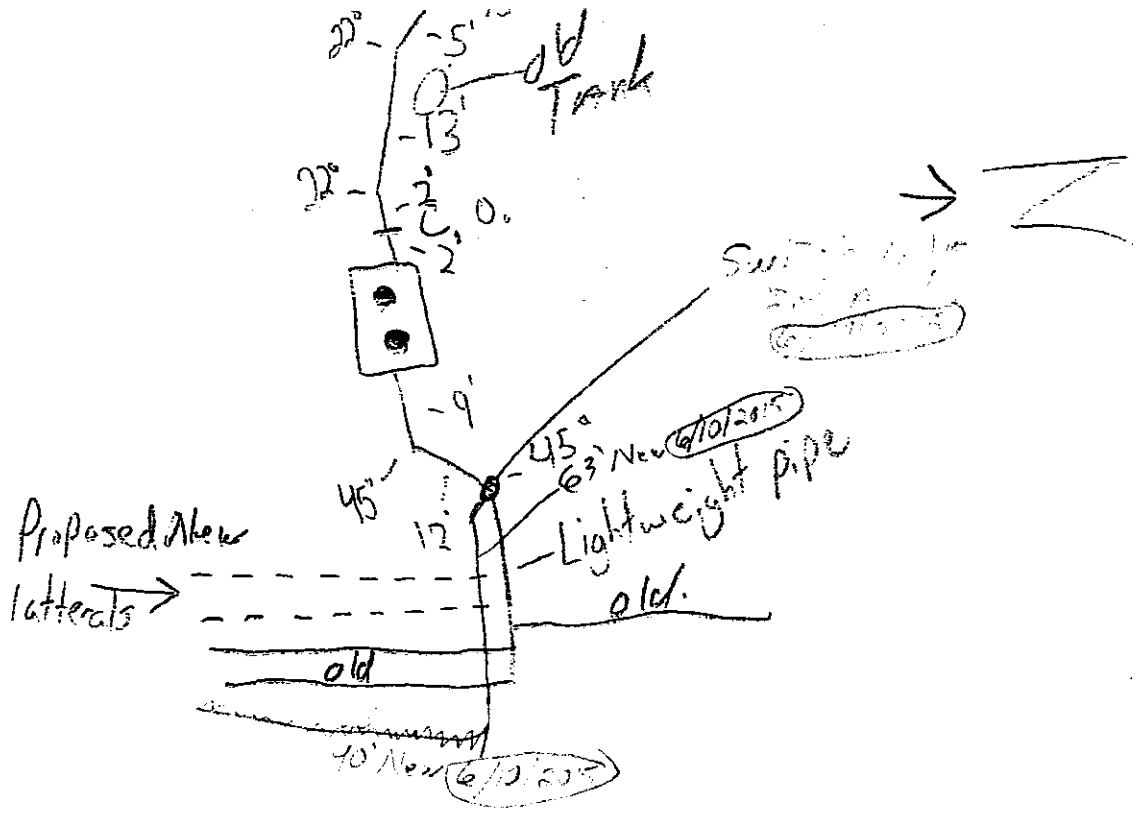


Indicate North with Arrow

90' of Drainfield lines - Sump pump and high water alarm to be installed during construction

, comply with Title 124)

RAYMOND CONTRACTING INC.



● - Well

In Stall New Tank. 1500 Concrete

12/4/2012

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

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
ALTERATION PERMIT
No. HS001082

System Type: Standard

Situs: 3210 W BUCKTHORN RD, RURAL, NE

Issued: 6/17/2015

Expires: 6/17/2016

Description: HITCHING POST HILLS FIRST ADDITION, BLOCK 2, Lot 2

Owner: MOELLERING, ERIC M & KAREN S
3210 W BUCKTHORN RD
LINCOLN, NE 68523

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to alter an existing On-site Waste Water System at the location listed. Please contact this office once the alteration is complete to obtain final approval before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
13800 NW 70TH ST
RAYMOND, NE 68428

JUN 15 2015

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Date ____/____/____ By_____
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Installation final written approval
Date 06/17/15 By _____

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Business Office Use Only

Received: Date: 6/15/15 Amount $205.00 Check No. 8681 Initials SB

Revised 4/8/13

H S001682