HS001426

Application to Alter or Repair an Onsite Wastewater Treatment System

APR 10 2017

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):** 12731 N 162nd Waverly NE

   Legal Description of Property: Township: 11N Range: 8E Section: 10

   Block _____ Lot _____ SubDivsion _____ Add: _____

   ***Parcel ID** 24-10-401-001-000 SB (i.e. 99-99-999-999-999)

2. **Property use:** ☒ Residential ☐ Commercial ☐ Other use (Describe: _____)
   Number of bedrooms 2 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 laterals only. We were only able to find 60' ft. (2405q'). 700sq' needed to meet Title 124. 460sq needed. Add 127' of Infitrator Quick 4

5. **Current Type of Lateral-** Conc. ½ moon **Current Linear Ft. Of Lateral -** 60'

   Current Tank Gallonage- 1000 factory built.

6. Print Name Kevin Lewis Address 4810 W Claire Ave Phone: 402 310 9160

Applicant Signature: _____

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: 4/10/17 Amount $215.00 Check No. 8484 Initials SB

Revised 4/8/13

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

B

Permit Number: HSOO1426

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 12731 N 162nd (no rural route) City Waverly NE, Zip _____

Owner Kasey Lewis Address 12731 N 162nd Waverly NE

Date of Tests 3-9-17 to 3-10-17 Weather: Precipitation 0 Temperature 50°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop 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	3-9	10:00	3-10	2:30	3-10	2:30	6	3-10	3:00	30	1	30
2	"	"	"	"	"	"	"	6	"	"	"	1	30
3	"	"	"	"	"	"	"	6	"	"	"	½	60
								6					
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Kevin Lewis
Phone: 402 310 9160
Address 4810 W Claire Ave
Lincoln NE 68523

Sum of Percolation Rates: 120
Average of Rates: 40
Rate Used for Calculation: 60

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

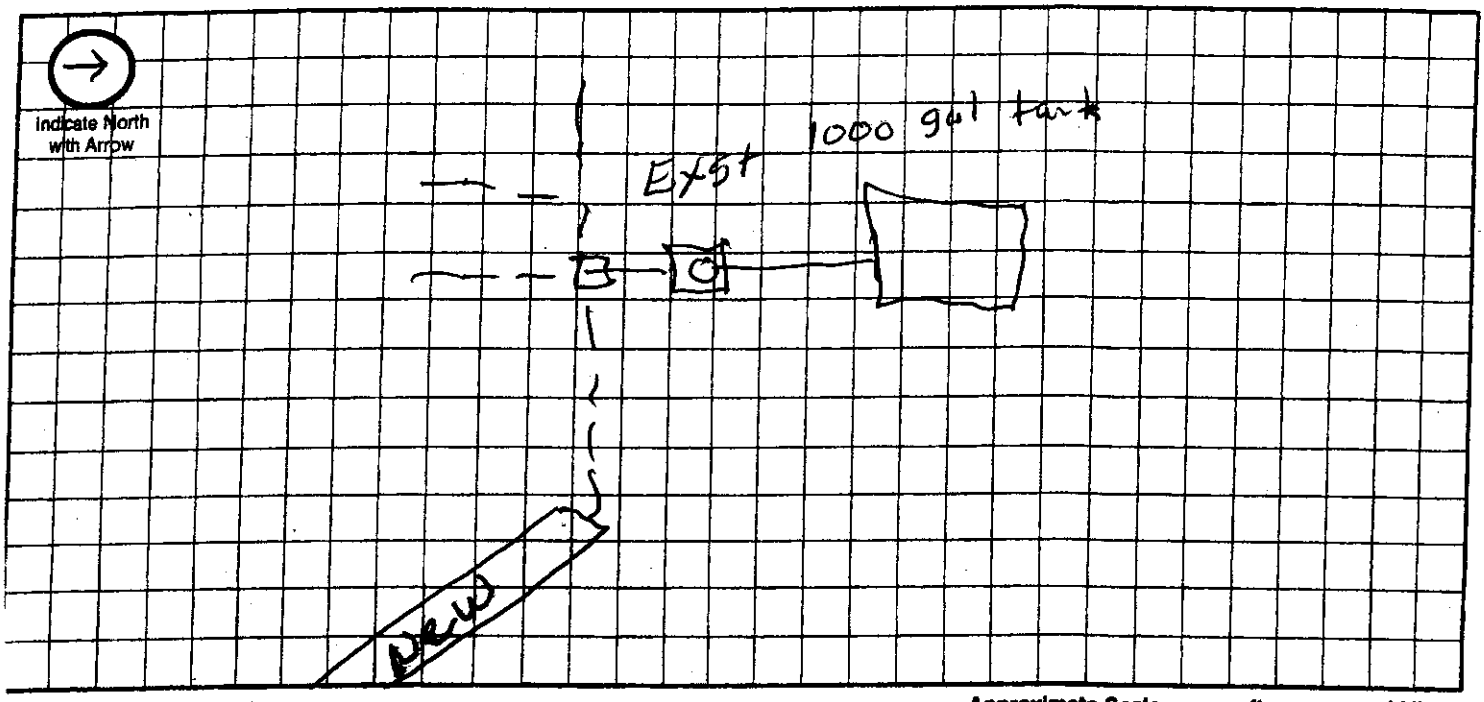
C

Permit Number: HS001426

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) 12731 N 162 City Waverly NE, Zip _____

B. Proposed Septic Tank/s

Septic Tank Cap. 1000 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 2 Soil Type_____ 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

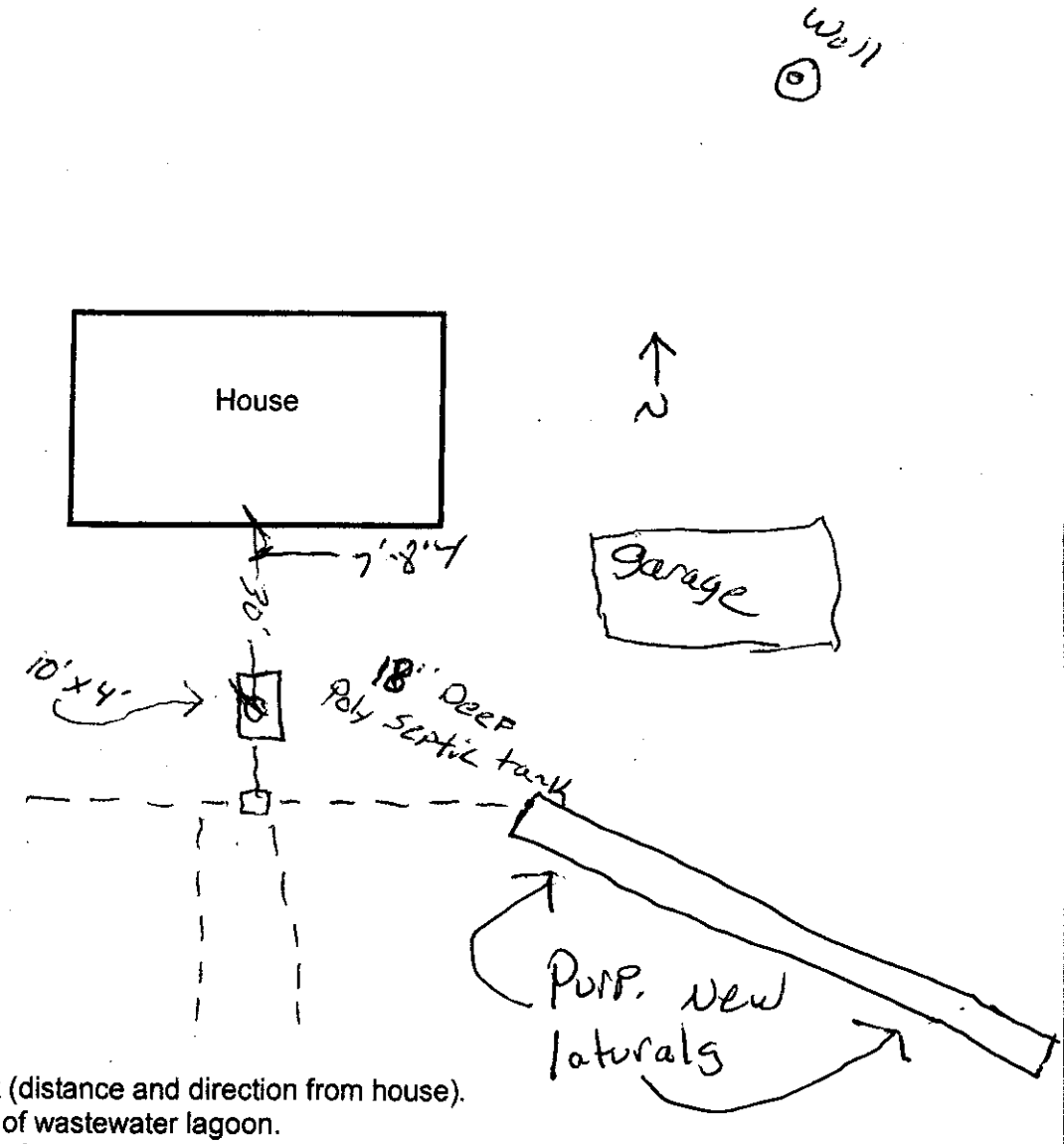
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor_____ Date _____

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Onsite Wastewater Treatment System Layout
Property Transfer Inspection Report
(Include distances)



1. Indicate location of septic tank (distance and direction from house).
2. Indicate location and distance of wastewater lagoon.
3. Indicate location and distance of closest building foundations.
4. Indicate location of well.
5. Indicate number of laterals. Indicate approximate areas of probing.
6. Age of system (if known) _____

General Comments:

_____

_____

_____

_____

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

Exhibit 5

Permit Number: H-5001426

Onsite Wastewater Treatment System

Inspection Sheet

Date 4/27/17 Legal Description ___ ¼ ¼ 10/11/8 Section/Township/Range

Onsite System Location

Address (no rural route) 12731 N 162nd 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 700' 240'. Sq. Ft. Tank Size 1,000 gals

Total length of laterals 122' New Type of Distribution: ☒ Chamber ☐ Perforated Pipe ☐ Other (describe) ___

No. of Absorption Laterals 1 New Width 3.625 factor 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 ___

Lateral #1 N/A

Lateral #2 ___

Lateral #3 ___

Lateral #4 ___

Comments:

Inspections prior to Final Approval
Initial DE Date 4/24/17

Follow-Up ___ Date ___

Follow-Up ___ Date ___

Installation Final Written Approval
By Doug Thiel

Date 4/27/17

Field Note Drawing (See Reverse Side):