Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008660

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM OR LAGOON PENDING
PERCOLATION TEST RESULTS

Permit # 06380315701

Issued 02/23/06
Expires 02/23/07
Revenue Code 3157

Establishment

LEWIS HOMES
T9N R8E SEC 18
WHISPERING CREEK BLK 2 LOT 9
11400 ASPEN CANYON RD

FEES: $275.00

Permittee

LEWIS HOMES
BOX 6815
LINCOLN NE 68506

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

RECEIVED FEB 23 2006

A

Permit Number: 06380315701

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

PERC TEST PENDING

☒ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

PERCOLATION TEST PENDING

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 11400 Aspen Canyon Rd (no rural route) City Lincoln NE, Zip NE

Legal Description 1/4 18 1/4 9N Section 8E Township Range Whispering Creek Subdivision 2 Addition 9 Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

☒ Check if system mail address is not the same as the owner's address

B. Owner

Name Lewis homes Signature _____

Address P.O. Box 6815 City/State/Zip Lincoln NE 68506

☐ Check if owner designed system Home Phone _____ Work Phone 499-4793

C. Contractor

Name Stan Kraus Company Name DIRT WORKS PLUS INC

Address 6067 NW 48TH City/State/Zip LINCOLN NE 68521

☐ Check if contractor designed system Work Phone 560 1208

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name _____ Firm _____ Work Phone _____

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 Is there a Whirlpool Bathtub 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. 2832

1. **Health Department** Date rec'd 2/23/06 Date frwd 2/24/06 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 2-24-06 Date frwd 2-24-06 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 2/24/06 Date frwd 2/24/06 ACTION ☒ Approved ☐ Disapproved Signature Chase Baker

~~6/28/06 Need drawing. J.C.H.~~

Installation Final Written Approval

By Jerrold C. Hood P.E.H.S.

Date JUNE 30, 2006

Business Office Use Only

Date Rec'd 2/24/06
Amt Paid $275.00
Rec'd By CW Cash/Check No. 8506

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

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

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

LEWIS Homes

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 11400 ASPEN CANYON RD (no rural route) City LINCOLN NE, Zip

Owner Address

Soil Type (SCS): Percolation Rate: 48 min./inch

Date of Tests 5/22/06 to 5/23/06 Weather: Precipitation 0 Temperature 80

Percolation Test Data Table

A.	B.	C. D. Pre-Saturation Period		E. F.		G. H. I. J. K. Percolation Readings					L. M. N. Results		
		Start		End		Start			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 (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	27	5/22	8AM	5/23	8AM	5/23	11:30AM	6	5/23	NOON	30	1/2	60
2	29	5/22	8AM	"	"	"	"	6	5/23	"	30	1/2	60
3	27	5/22	8AM	"	"	"	"	6	5/23	"	30	3/4	40
4	28	5/22	8AM	"	"	"	"	6	5/23	"	30	1 1/4	24
5	28	5/22	8AM	"	"	"	"	6	5/23	"	30	3/4	40
6	29	5/22	8AM	"	"	"	"	6	5/23	"	30	1/2	60

Sum of Percolation Rates: 284

Average of Rates: 47.3

Rate Used for Calculation: ~~48~~ 60

Person Conducting Percolation Tests

Name: STAN KROESE

Phone: 560 1208

Address 16767 NW 48TH ST NE 68524

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-96

Dirt Works Plus, Inc 402 325 0530 05/26/06 09:17A P.002

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

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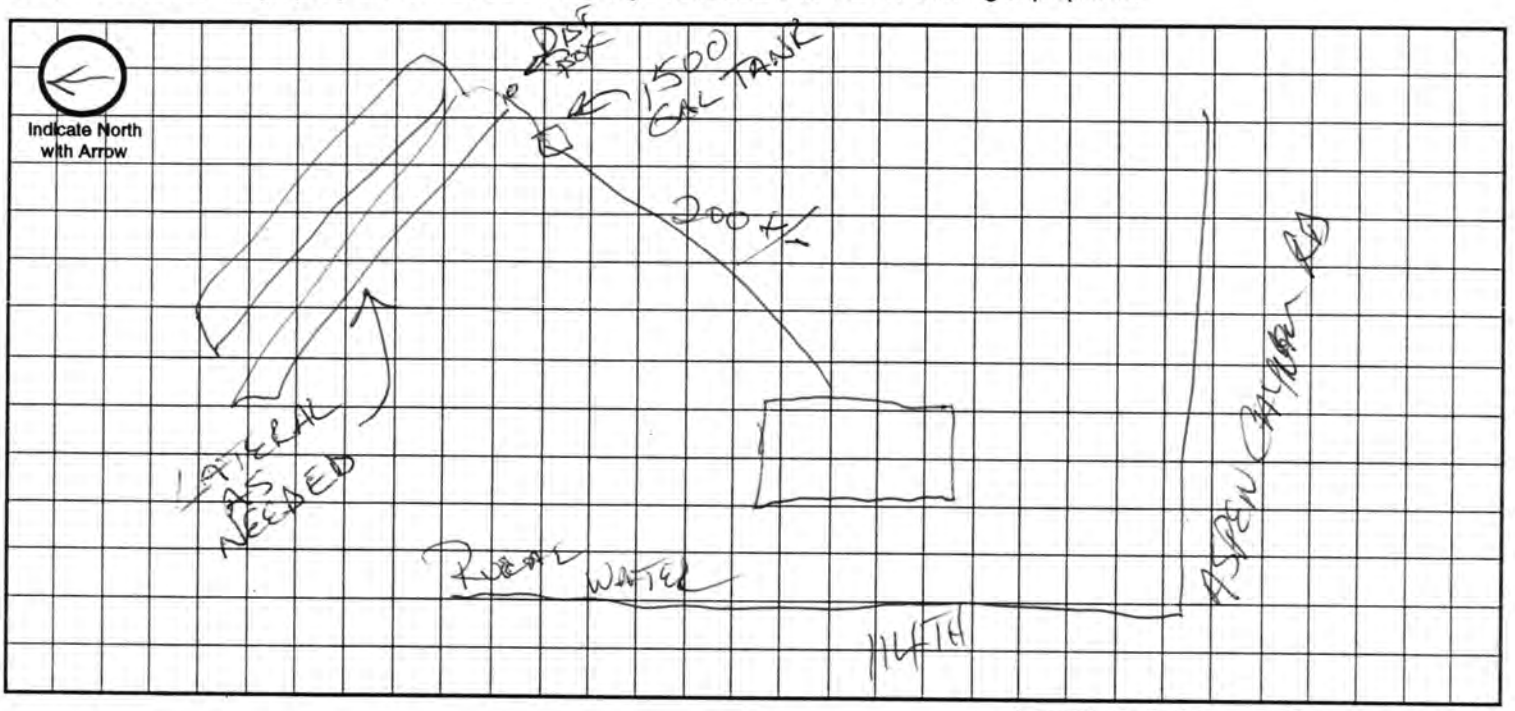
C

Permit Number: 063803157

PERC TEST PENDING

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



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

A. System Location (Indicate correct number and street)

Address (no rural route) 11400 Aspen Canyon Rd City Lincoln NE, Zip NE

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 60 (min. per inch) Soil Type: _____ Land Slope: _____ %

Type of Absorption System: ☐ Trench ☐ Bed ☐ Other HI CAP INFILTRATOR

Total Square Feet of Field Required: 1400 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 350 ft. Number of Trenches _____ Trench Width _____

D. 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 ☐	☐

E. Required Signatures

Home Building Contractor Mark [illegible] Date 2-23-06

Installer _____ Date _____

FORM 23-102 10-96

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 6/29/06

System Location (Indicate correct number and street)

Address 11400 Aspen Canyon Rd (no rural route) City Lincoln NE, Zip 68516

A. Building Sewer

1. Material: CLS 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 170 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 30 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1750 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade 6 in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 130+ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 9' ft.

D. Absorption Field

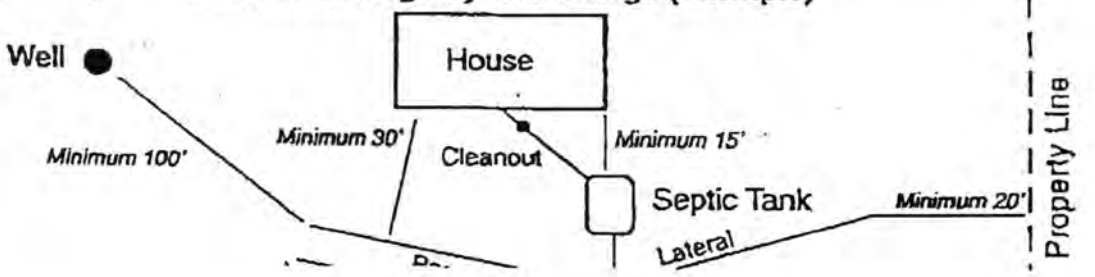
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☑ other Infiltrator HiCap
2. Lateral lines: Number 3
   Length of each line: 110 ft. 110 ft.
   110' ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: Gravel-less
   Depth of material N/A in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Indicate North with Arrow

Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



Dirt Works Plus, Inc 402 325 0530 06/30/06 09:54A P.002

As Built Drawing

Marek Lewis Homes
11400 Aspen Canyon Rd.
Whispering Green Blk 9 Lot 2

