Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003032

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380270501

Issued 09/02/03
Expires 03/02/04
Revenue Code 3157

Establishment: EDWARD COOLEY
T9N R8E SEC 5 QTR SE
SW 1/4 OF SE 1/4
12900 PIONEERS BLVD

FEES: $200.00

Permittee: EDWARD COOLEY
12900 PIONEERS BLVD
WALTON NE 68461

TOTAL: $200.00

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

A

Permit Number: 033B0270501

Sewage Disposal System

Request for Site Clearance and Permit

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

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

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 12900 Pioneer Blvd. City WALTON NE NE, Zip 68461
(no rural route)

Legal Description NW¼ SE¼ 5 Section 8N Township 8E Range ____ Subdivision ____ Addition ____ Block 5I.T. Lot

Geographical Location (if known): Longitude ____ Latitude ____

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

B. Owner

Name Edward Cooley Signature ____

Address 12900 Pioneer Blvd. City/State/Zip WALTON NE 68461

☐ Check if owner designed system Home Phone ____ Work Phone ____

C. Contractor

Name Gordon Lukes Company Name G+A Backhoe Service

Address 2319 South 214th City/State/Zip Eagle NE 68347

☒ Check if contractor designed system Work Phone 458-2409

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 2 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 9/2/03 Date frwd 9/3/03	ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. Supt. Bldg. Insp. or Village Clerk	Date rec'd 9-3-03 Date frwd 9-3-03	ACTION ☒ Approved ☐ Disapproved Signature	
3. City or County Engineer	Date rec'd 9/3/02 Date frwd 9/3/02	ACTION ☒ Approved ☐ Disapproved Signature	

10/23/03 J.C.H. Need old system properly abandoned.

Installation Final Written Approval

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

Date MAY 11, 2004

Business Office Use Only

Date Rec'd 9-1-03
Amt Paid 200.00
Rec'd By TW Cash/Check No. 1661

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: 033802705

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 12900 Pioneer Blvd. (no rural route) City Walton NE NE, Zip 68461

Owner Edward Cooley Addresss 12900 Pioneer Blvd Walton NE 68461

Soil Type (SCS): Clay Loam SHARPSBURG SILTY CLAY LOAM IN MAYBERRY Percolation Rate: 60 AREA. min./inch

Date of Tests 8-29-03 to 8-30-03 Weather: Precipitation None Temperature 90°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				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	36	8-29	1:00PM	8-30	1:00	8-29	1:15	17 1/4	8-30	4:45	4 HR	4 1/2	1 min 1/2
2	36	"	1:05	"	1:05	"	1:15	19 1/8	"	4:45	4 HR	3	1 min 5/8
3	36	"	1:10	"	1:10	"	"	19	"	4:45	4 HR	4 3/8	1 min 7/8
4	36	"	1:15	"	1:15	"	"	18	"	4:45	4 HR	4 7/8	1 min 3/8
5	36	"	1:20	"	1:20	"	"	19 1/8	"	4:45	4 HR	4 1/8	1 min 3/4
6	36	"	1:25	"	1:25	"	"	23 3/4	"	4:45	4 HR	6	1 min 1/2

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation: 48 Loo per 1" Inch

Person Conducting Percolation Tests

Name: LARRY FOUNTAIN

Phone: 483-7819

Address 12605 Pioneer Blvd. Walton NE 68461

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks avoid area of hole #4

Signature of Reviewing Official Jerrold C. Hood Date September 2, 2003

FORM 23-101 10-96

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

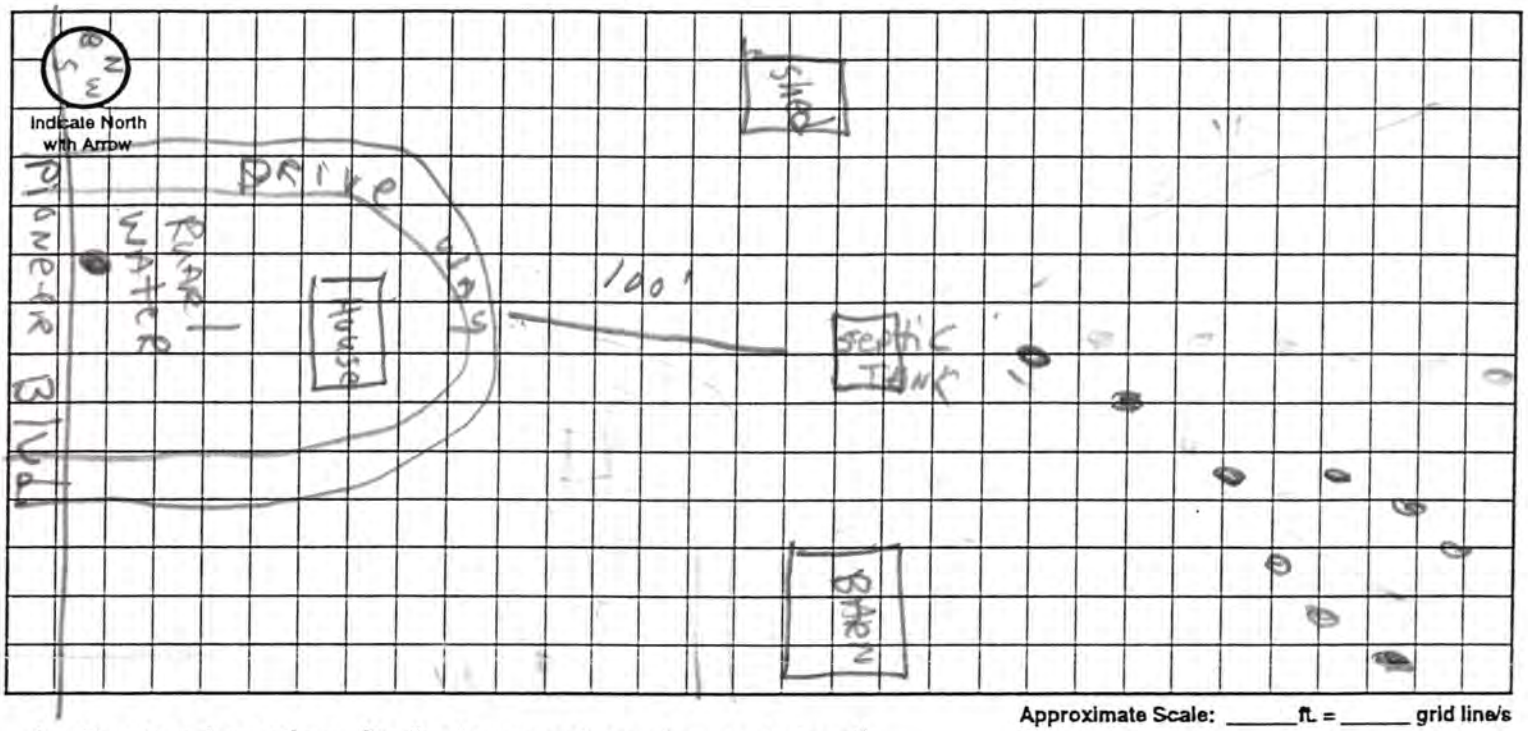
C

Permit Number: 033802705

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) 12900 Pioneer Blvd. City WALTON NE, Zip 68461

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: CLAY LOAM Land Slope: 3 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 700 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: Infiltrator H10 Standard

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 175 ft. Number of Trenches 2 Trench Width 4'

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 Gordon Lubs EXISTING Date _____

Installer _____ Date 8-25-2003

FORM 23-102 10-96

G & A

BACKHOE SERVICE

Gordon Lukes - Owner/Operator
2319 South 214th Street
Eagle, NE 68347-1995
Bus. (402) 781-2400
Cell. (402) 450-2409
Fax. (402) 781-2411

10/24/03

To Jerry Hood,
This is the as built drawing for 12900 Pioneers for Lewis Cooley. 1000 gallon concrete septic tank with risers to grade. 700 square ft of infiltrator H10 lateral with 2 drop boxes.

