Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION
3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

562961

Permit

SEWAGE INSTALLATION
LAGOON

Permit # 00380223601

Issued 08/23/00
Expires 02/23/01
Revenue Code 3157

Establishment

HARPER WELL & PLUMBING INC
T7N R7E SEC 23
IRONHORSE
IRON HORSE CIRCLE-FIRTH

FEES: $150.00

Permitee

HARPER WELL & PLUMBING INC/BRIAN CLARK
BOX 13
ADAMS NE 68301

TOTAL: $150.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

013697

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

A

Permit Number: 003802236

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 Iron Horse Circle (no rural route) City Firth NE, Zip 68

Legal Description 2CR 4423 (1/4) (1/4) 23 (Section) 7N (Township) R7E (Range) IRON HORSE (Subdivision) (Addition) (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 Brian Clark Signature _____

Address _____ City/State/Zip _____

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

C. Contractor NCR 41925

Name Harper Well & Plumbing Inc Company Name Harper Well & Plumbing Inc

Address P.O. Box 13 Adams NE 68301 City/State/Zip Adams NE 68301

☑ Check if contractor designed system Work Phone 402-988-2055

ACR 79810

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

Designer Name SAA 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 8-23-00 Date frwd _____	ACTION ☑ Approved ☐ Disapproved Signature John E Mueller	
2. Supt. Bldg. Insp. or Village Clerk	Date rec'd _____ Date frwd _____	ACTION ☐ Approved ☐ Disapproved Signature _____	
3. City or County Engineer	Date rec'd _____ Date frwd _____	ACTION ☐ Approved ☐ Disapproved Signature _____	

INSTALLED PRIOR TO APPLICATION

Installation Final Written Approval

By _____

Date _____

Business Office Use Only

Date Rec'd 08/23/00

Amt Paid 150.00

Rec'd By LD ~~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
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B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address NOT ASSIGNED YET (no rural route) City FIRTH NE, Zip

Owner BRIAN CLARK Addresss

Soil Type (SCS): ~~TAM~~ WYMORE Percolation Rate: min./inch

Date of Tests to Weather: Precipitation Temperature

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)

USE BENTONITE IN BOTTOM OF LAGOON

Person Conducting Percolation Tests

Name:

Phone:

Address

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation: 0

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks MUST USE SEALED LAGOON

Signature of Reviewing Official John E Manis Date 8-23-00

FORM 23-101 10-96

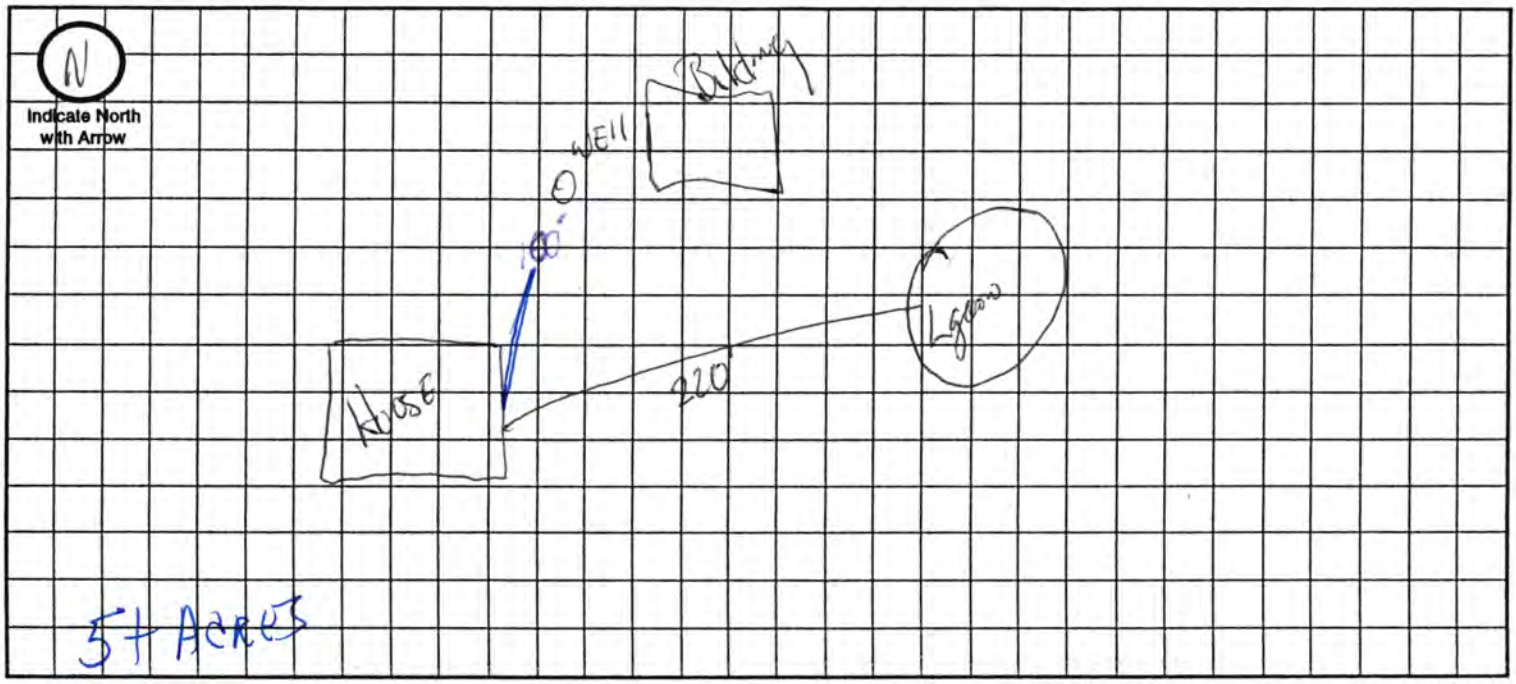
Lincoln-Lancaster County Health Department
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C

Permit Number:

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) IRON HORSE LANE City FIRTH NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

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

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

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

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

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

Total Length of Laterals _____ 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 _____ Date _____

Installer Roger Willard Roger Inc Date 8/11/2000

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 8-7-2000

System Location (Indicate correct number and street)

Address 1800 Horse Circle (no rural route) City Firth NE, Zip

A. Building Sewer

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

B. Septic Tank

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

C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

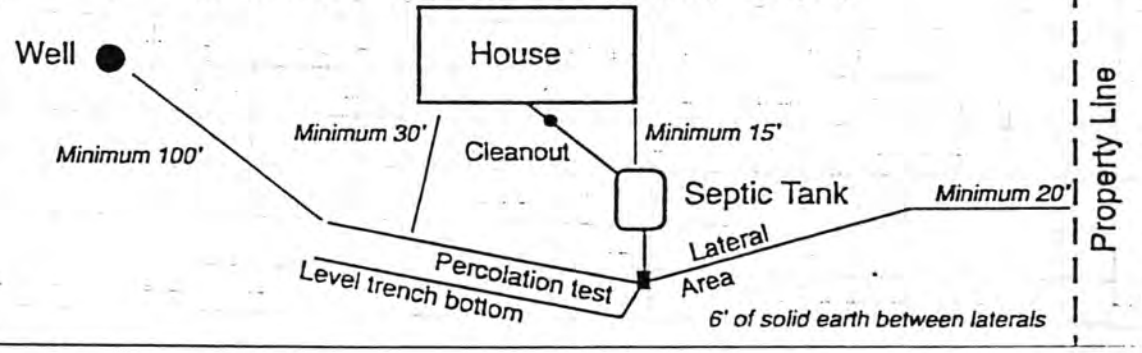
(Provide as-built drawings on back of this form)

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

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

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

