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

A

Permit Number: 98380173701

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 21800 Kaar Dr (no rural route) City Nickman NE, Zip 68372

Legal Description: 1/4 2 | 1/4 | Section 2 | Township 7N | Range 7E | Subdivision Holland Acres | Addition | Block 2 | Lot 6

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name ~~Barry~~ Frey Const. Signature _____

Address RT 1 Box 88A City/State/Zip Nickman NE 68372

☐ Check if owner designed system Home Phone _____ Work Phone 560-2211

C. Contractor

Name Vogt excavating Company Name _____

Address _____ City/State/Zip Elmwood NE

☑ Check if contractor designed system Work Phone 560-4267

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 4/13/98 Date frwd 4/13/98 ACTION ☒ Approved ☐ Disapproved Signature Jerold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4/13/98 Date frwd 4/13/98 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 4/13/98 Date frwd 4/13/98 ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Paul Dymond

Date 4-15-98

Business Office Use Only

Date Rec'd 04/13/98

Amt Paid 150 ⁰⁰

Rec'd By _____ ~~Cash~~/Check No. 5876

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
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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 21800 Kaar Rd (no rural route) City Holland NE, Zip

Owner Addresss

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: 60 min./inch

Date of Tests 11-27-97 to 11-28-97 Weather: Precipitation None Temperature 42°

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	30	11-27	10:00	11-28	10:50	11-28	10:50	6	11-28	11:20	30	1/2	60
2	"	"	"	"	"	"	"	6	"	"	30	1/2	60
3	"	"	"	"	"	"	"	6	"	"	30	1/2	60
4	"	"	"	"	"	"	"	6	"	"	30	1/2	60
5	"	"	"	"	"	"	"	6	"	"	30	1/2	60
6	"	"	"	"	"	"	"	6	"	"	30	1/2	60

Sum of Percolation Rates: 360
Average of Rates: 60
Rate Used for Calculation: 60

Person Conducting Percolation Tests

Name: Dave Vogt
Phone: 560-4267
Address: P.O. Box 181
Elmwood, NE 68349

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official: Jerrold C. Hood Date: APRIL 13, 1998

FORM 23-101 10-96

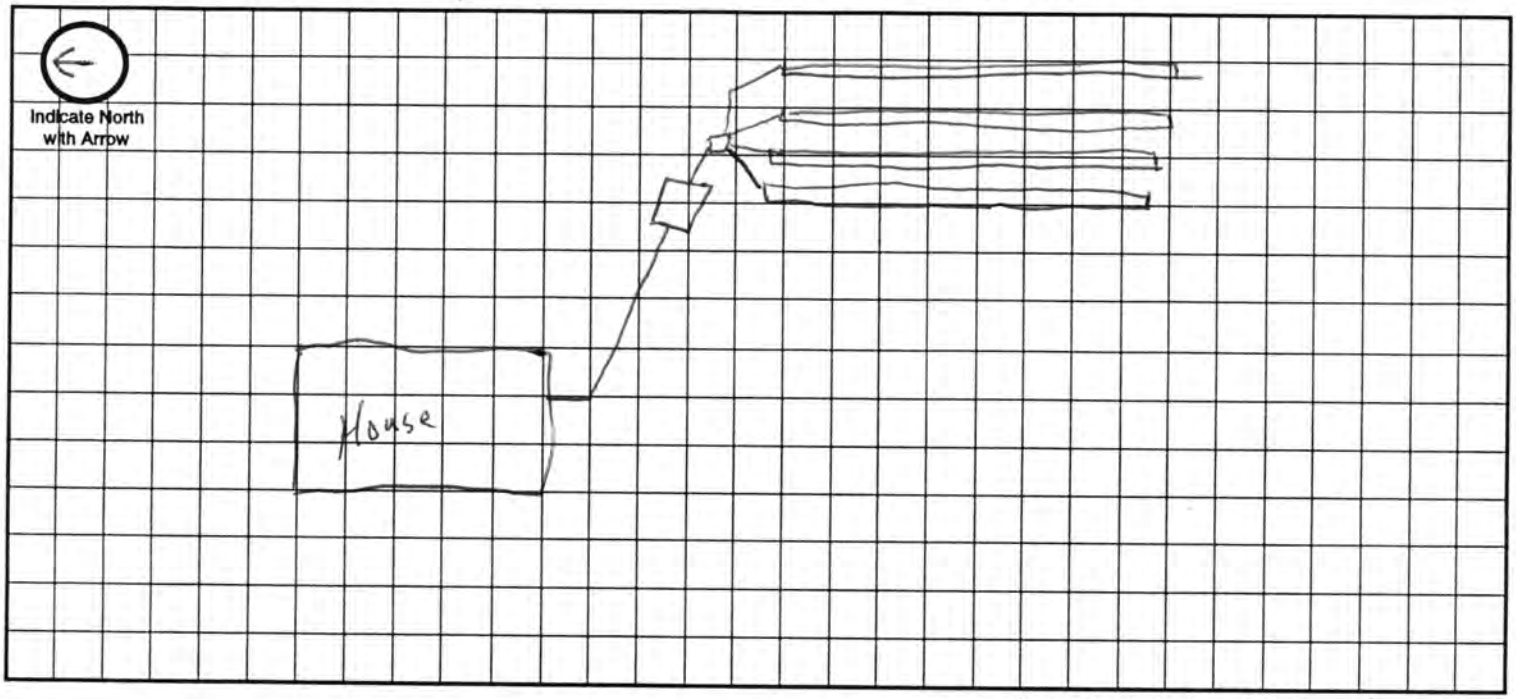
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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: 10 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 21800 Kaar Rd City Holland NE, Zip

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: WYMORE SILTY CLAY LOAM Land Slope: 6 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other

Total Square Feet of Field Required: 1344 sq. ft.

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

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

Total Length of Laterals 336 ft. Number of Trenches 4 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 Date

Installer Date 4-3-98

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 4-13-98

System Location (Indicate correct number and street)

Address 21800 Kerr Rd (no rural route) City Holland NE, Zip

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 61 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 15 in.
   Over outlet, diameter 8 in.
   Riser: ☐ above ☐ below grade ____ in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 16 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 26 ft.

D. Absorption Field

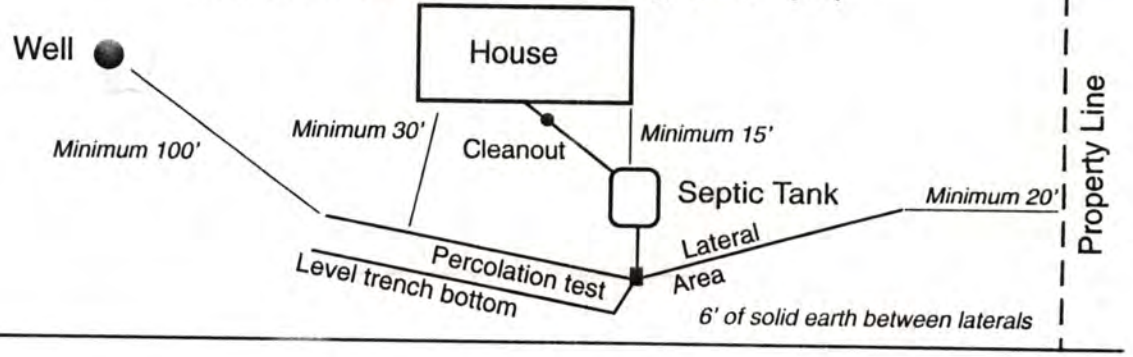
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe In Water
   Diameter of half round: ____
   or perforated pipe: ____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 4
   Length of each line: 88 ft. 88 ft.
   80 ft. 80 ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 1 in/100 ft.
   Average depth 30 in
4. Filter material: Gravel
   Depth of material 18 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 30 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



FORM 23-103 10-96

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

3140 "N" STREET
Lincoln, NE 68510-1514
(402) 441-8000

NON TRANSFERABLE

PERMIT

Permit No. 98380173701

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued 04/13/98
Expires 10/13/98
Revenue Code 3157

FEES: $150.00

PAID

Establishment

DENNIS FREY DBA FREY CONSTR
T7N R7E SEC 2
HOLLAND ACRES BLK 2 LOT 6
21800 KARR DR-HICKMAN

TOTAL $150.00

Permittee

DENNIS FREY DBA FREY CONSTR
RR0001
BOX 0088A
HICKMAN NE 68372

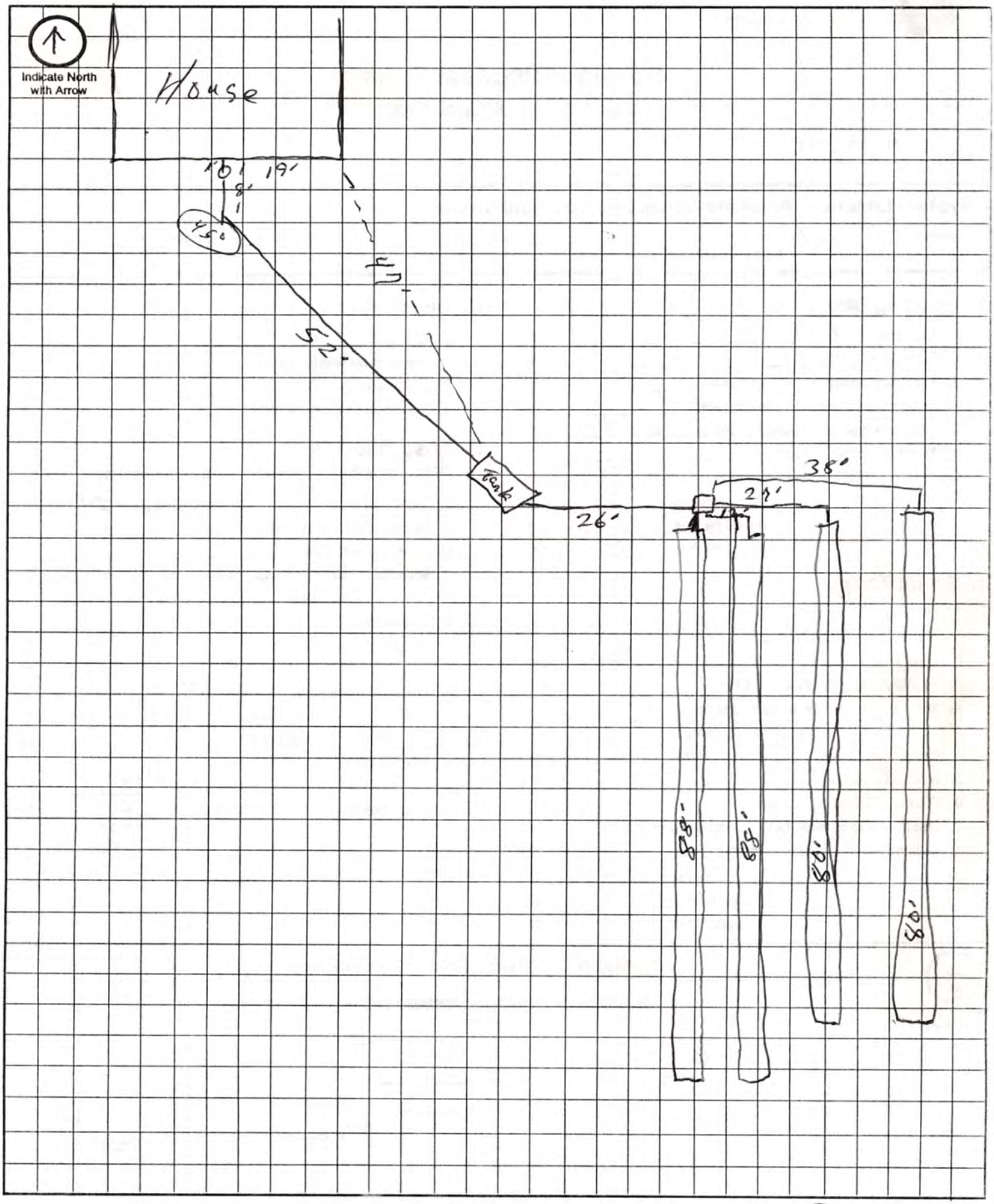
Gregg Wright MD.

Issued By ~~M. Jane Ford~~
Health Director

6363

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

As Built Drawing



Approximate Scale: 5 ft. = 1 grid line/s