Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

007948

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380304801

Issued 06/28/05
Expires 06/28/06
Revenue Code 3157

Establishment:
SCOTT & COLLEEN MERADITH
T9N R5E SEC 24
YANKEE LAKE ACRES BLK 4 LOT 3
6001 W YANKEE LAKE RD-DENTON

FEES: $200.00

Permittee:
SCOTT & COLLEEN MERADITH
3340 CACTUS CT
LINCOLN NE 68516

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

JUN 2 2 2005

A

Permit Number: 0538030480l

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

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 6001 W. Yankee Lak Rd City Denton NE, Zip 68339
If available (no rural route)

Legal Description NE 24 9N 5E Yankee Lake Acres 4 3
1/4 1/4 Section Township Range 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 Colleen & Scott Meradith Signature Colleen Meradith

Address 3340 Cactus CT City/State/Zip Lincoln Ne 68516

☐ Check if owner designed system Home Phone 423-0195 Work Phone 499-5884

C. Contractor

Name Sam manzitto, Jr Company Name manzitto Bros

Address 3341 Pioneers Blvd City/State/Zip Lincoln, NE 68506

☐ Check if contractor designed system Work Phone _____

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

Designer Name Lloyd Jakoubek Firm Raymond Contracting, Inc Work Phone 402-890-6009

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 6/28/05 Date frwd 7/1/05 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 7/1/05 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 7/1/05 Date frwd 7/1/05 ACTION ☒ Approved ☐ Disapproved Signature _____

9/5/05 Line, tank, Laterals

Installation Final Written Approval

By _____

Date 10/10/05

Business Office Use Only
Date Rec'd 06/28/05
Amt Paid 200.00
Rec'd By _____ Cash/Check No. 5767

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

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B

Permit Number: 053803048

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

Sam Manzitto, Jr

System Location (Indicate correct number and street)

Address Yankee Lake Acres, Block 4, Lot 3 (no rural route) City Denton NE, Zip 68339

Owner Scott + Colleen Meredith Addresss 6001 W. Yankee Lake Rd

Soil Type (SCS): Wymore Percolation Rate: 57 min./inch

Date of Tests 12-5-04 to 12-6-04 Weather: Precipitation 0 Temperature 39°

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	40	12-5	10:30a	12-5	2:30p	12-6	10:30p	6	12-6	4:30p	30	1/2	30/0.50 = 60
2	42	"	"	"	"	"	"	"	"	"	"	1/2	30/0.50 = 60
3	40	"	"	"	"	"	"	"	"	"	"	9/16	30/0.56 = 54
4	44	"	"	"	"	"	"	"	"	"	"	1/2	30/0.50 = 60
5	42	"	"	"	"	"	"	"	"	"	"	5/8	30/0.63 = 48
6	42	"	"	"	"	"	"	"	"	"	"	1/2	30/0.50 = 60

Sum of Percolation Rates: 342
Average of Rates: 57
Rate Used for Calculation: 57

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting, Inc.
Phone: 402-783-2663 or 402-890-3870
Address: 13800 NW 70th St
Raymond, NE 68428 #P1198

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

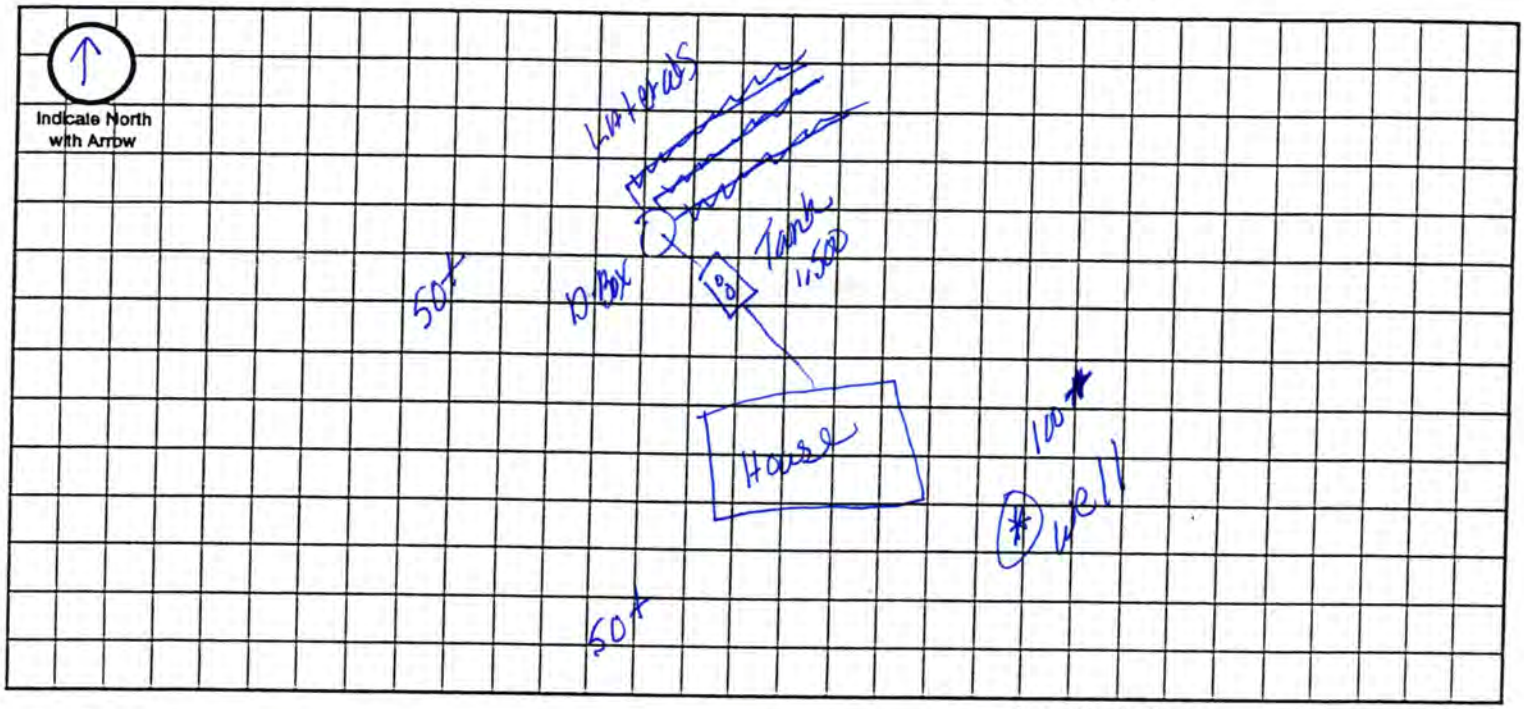
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C

Permit Number: 053803048

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) Yankee Lake Acres 4 (Block) 3 (Lot) City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 5.7 (min. per inch) Soil Type: Wymore Land Slope: _____ %

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

Total Square Feet of Field Required: 1,400 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: H-10 Standard

Capacity of Septic Tank 1,500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 350 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 _____ Date 6-20-05

Installer _____ Date 5-26-05

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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10-5-05 meradith

System Location (Indicate correct number and street)

Address 6001 W Yankee Hill Rd (no rural route) City Denton NE, Zip 68339

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 39 in.
3. Distance between dwelling and septic tank: 201 ft.
4. Number of clean-outs: 3
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: one
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade Agrade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 22 in.
8. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 75 ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 6' ft.

D. Absorption Field

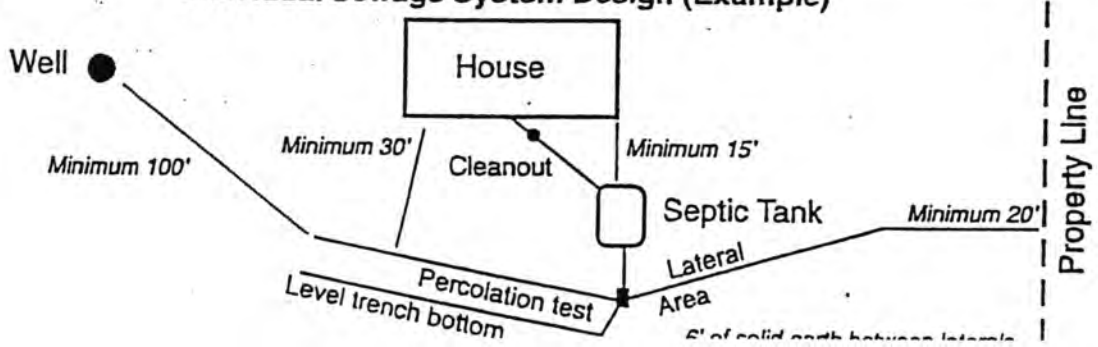
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" Wide 12" Tall
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 119 ft. 119 ft.
   113 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 40" ft.
   Slope Flat in/100 ft.
   Average depth 34 in
4. Filter material: Dirt
   Depth of material 34 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 75 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



As Built Drawing

