Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

011112

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Establishment: JOSEPH P ENGLER
T9N R7E SEC 11 QTR SE
HIMARK ESTATES 7TH LOT 2
9601 MERION CIRCLE

Permittee: JOSEPH P ENGLER
7910 RED OAK RD
LINCOLN NE 68516-6343

Permit # 07380337401

Issued 08/08/07
Expires 08/08/08
Revenue Code 3157

FEES: $290.00

TOTAL: $290.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

A

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

Permit Number: 07380337401

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

3.03 acres

A. System Location (Indicate correct number and street)

Address 9601 Merlin Cir (no rural route) City Lincoln NE, Zip 68526

LCR 601G

Legal Description SE 11 9 7 Hitchcock Estates 7th 2
(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 Joseph Engler (Signature) _____

Address 7910 Red Oak Rd City/State/Zip Lincoln, NE 68516

☐ Check if owner designed system Home Phone 402-430-2810 Work Phone _____

C. Contractor

Name Jerry Maher Company Name Maher's Construction

Address P.O. Box 22272 City/State/Zip Lincoln, NE 68542

☐ Check if contractor designed system Work Phone 402-432-1505

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

Designer Name Lloyd Jakobsen 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 8/8/07 Date fwd 8/8/07 ACTION ☑ Approved ☐ Disapproved Signature _____
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8/8/07 Date fwd 8/8/07 ACTION ☑ Approved ☐ Disapproved Signature per Shawn Johnson
3. **City or County Engineer** Date rec'd 8/8/07 Date fwd 8/8/07 ACTION ☑ Approved ☐ Disapproved Signature as per Bill Baker

Installation Final Written Approval

By _____

Date 8/8/07

Business Office Use Only

Date Rec'd 08/08/07

Amt Paid 290.00

Rec'd By _____ Cash/Check No. 6486

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

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 9601 merion Cir (no rural route) City Lincoln NE, Zip 68526

Owner _____ Addresss _____

Soil Type (SCS): Wymore Percolation Rate: 52 min./inch

Date of Tests 4/4/06 to 4/5/06 Weather: Precipitation 0 Temperature 68

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	4/4	3:00p	4/4	7:00p	4/5	12:00p	6	4/5	4:00p	30	3/4	40
2	32	"	"	"	"	"	"	"	"	"	"	5/8	48
3	29	"	"	"	"	"	"	"	"	"	"	1/2	60
4	32	"	"	"	"	"	"	"	"	"	"	9/16	54
5	34	"	"	"	"	"	"	"	"	"	"	5/8	48
6	30	"	"	"	"	"	"	"	"	"	"	1/2	60

Person Conducting Percolation Tests

Name: Terri Jakowlek, Raymond Contracting, Inc

Phone: 402-890-3870 or 402-783-2663

Address 13800 NW 70th St

Raymond, NE 68428

#C1197

Sum of Percolation Rates: 310

Average of Rates: 52

Rate Used for Calculation: 52

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

SE 1/4 S11 - T9 - R7
Himark Estates 7th Addition
Lot 2

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D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

Updated
added Line for shed 7-21-08

Date 8/3/07

System Location (Indicate correct number and street)

Address 9601 Merion Cir (no rural route) City Lincoln NE, Zip 68526

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. ~~Distance above basement floor:~~ _____ in.
   or distance below basement floor: 44 in.
3. Distance between dwelling and septic tank: 110 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 20' 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 At grade in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18" 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: Quick 4 End caps -3
   Number available outlets: 6
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 9' - 21' - 33' ft.

D. Absorption Field

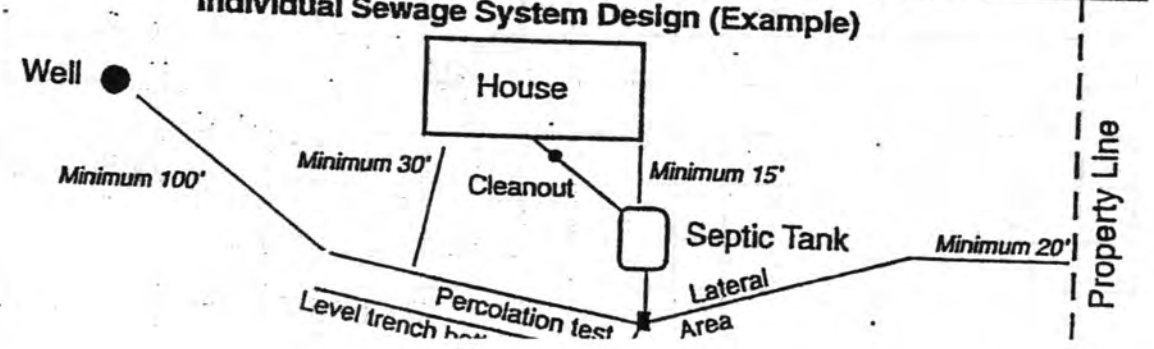
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other infiltrator Quick 4
2. Lateral lines: Number 3
   Length of each line: 145 ft. 136 ft.
   72 ft. _____ ft. _____ ft.
3. Trench dimensions: Width 4' ft.
   Slope flat in/100 ft.
   Average depth 32" to 44" in
4. Filter material: none
   Depth of material _____ in.
5. Distances to: Well or suction line 100 + ft.
   Stream 100 + ft.
   Pressure line 100 + ft.
   Property line 20 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



As Built Drawing

