LLCHD HS000011

SEP 13 2007

A

Permit Number: HS000011

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

FAXED
SEP 17 2007
BY

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 10600 NW 121st PL (no rural route) City Malcolm NE, Zip 68402

Legal Description SW 17 11 5 ____ ____ 17
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 Andy Semerad Signature [signature]

Address P.O. Box 73 City/State/Zip Malcolm, NE 68402

☐ Check if owner designed system Home Phone 402-471-7388 Work Phone _____

C. Contractor

Name owner Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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

Designer Name Lloyd Jirkovsky 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 9/14/07 Date frwd 9/14/07 **ACTION** ☒ Approved ☐ Disapproved Signature [signature]
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 _____

Installation Final Written Approval

By _____

Date _____

Business Office Use Only

Date Rec'd _____

Amt Paid _____

Rec'd By _____ Cash/Check No. _____

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

9-24-2007 15:30:14

LLCHD HS000011

SEP 1 3 2007

B

Lincoln-Lancaster County Health Department
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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 10600 NW 12th St (no rural route) City Malcolm NE, Zip 68402

Owner Andrew Semerad Address P.O. Box 73 Malcolm, NE 68402

Soil Type (SCS): Judson Percolation Rate: 27 min./inch

Date of Tests 7-10-07 to 7-11-07 Weather: Precipitation D Temperature 82°

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	32	7-10	8:00a	7-10	12:00p	7-11	8:00a	6	7-11	12:00p	30	1 1/16	28
2	30	"	"	"	"	"	"	"	"	"	"	1	30
3	30	"	"	"	"	"	"	"	"	"	"	15/16	32
4	34	"	"	"	"	"	"	"	"	"	"	1	30
5	32	"	"	"	"	"	"	"	"	"	"	2 1/2	12
6	34	"	"	"	"	"	"	"	"	"	"	1 1/8	27

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting, Inc

Phone: 402-783-2663 or 402-890-3878

Address 13800 NW 70th St

Raymond, NE 68428 # C1197

Sum of Percolation Rates: 159

Average of Rates: 26.5

Rate Used for Calculation: 27

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

9-24-2007 15:30:18

SEP 1 3 2007

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 9-5-07

System Location (Indicate correct number and street)

Address 10600 N 42 1/2 121st PL (no rural route) City Malcolm NE, Zip 68402

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 24" in.
3. Distance between dwelling and septic tank 139 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 AT 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: 2- Quick 4 Endcaps
   Number available outlets: 6
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 10' and 18' ft.

D. Absorption Field

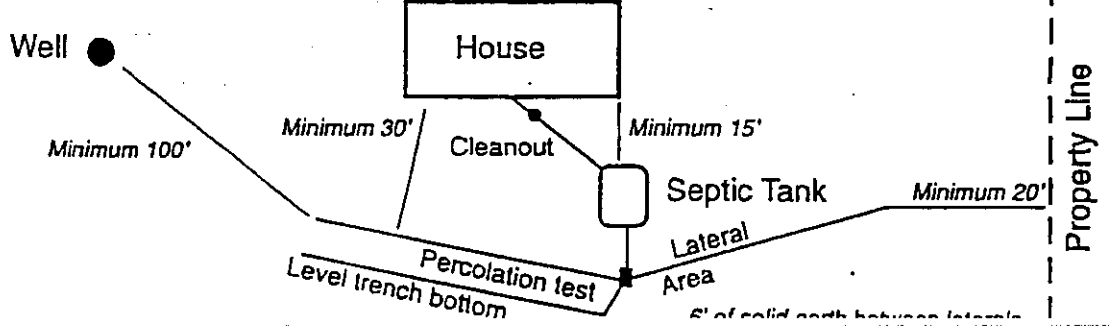
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" wide X 12" Tall
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 135 ft. 115 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 40" ft.
   Slope FLAT in/100 ft.
   Average depth 36" to 45" in
4. Filter material: Dirt
   Depth of material 100+ in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



As Built Drawing

