Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
H S001221

Existing Home

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C.
Submit correct fee
with this Application

3 acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 4700 S 98th St (no rural route) City Lincoln NE Zip 68526

Legal Description NW 12 9N 7E 54
1/4 1/4 Section Township Range Subdivision Addition Block Lot

PID 16-12-100-013-000

B. Owner

Name Steven Knobel Signature Steven L Knobel

Address 4700 S 98th St City/State/Zip Lincoln, NE 68526

Home Phone 402-432-1296 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 12.12
Garbage Grinder? ☒ 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. 02-30

1. Health Department
Site visits Date rec'd Date fwd ACTION ☐ Approved ☐ Disapproved Signature
Comments

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd Date fwd ACTION ☐ Approved ☐ Disapproved Signature

3. City or County Engineer
Comments Date rec'd Date fwd ACTION ☐ Approved ☐ Disapproved Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 4-8-16 Amount Paid $385.00
Received By SB Cash/Check No. VISA

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

B

Permit Number: HS001221

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 4700 S 98th St (no rural route) City Lincoln NE, Zip 68526

Owner Steve Knobel Address Same

Date of Tests 3/25/16 to 3/26/16 Weather: Precipitation trace Temperature 44°

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
		Saturation/Swelling Time				Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					Results		
		Start		End		Start		Initial	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 Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	24	3/25	2:30p	3/25	6:30p	3/26	4:30p	6	3/26	5:00p	30	7/8	34
2	26	"	"	"	"	"	"	6	"	"	"	1	30
3	24	"	"	"	"	"	"	6	"	"	"	1/2	60
4	25	"	"	"	"	"	"	6	"	"	"	9/16	53
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.

Phone: 402-783-2663 or 402-890-6009

Address 13800 NW 70th St

Raymond, NE 68428 Cert #1198

Sum of Percolation Rates: 177

Average of Rates: 44

Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Aksarben Silty Clay Loam

Groundwater Depth >6.7'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

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

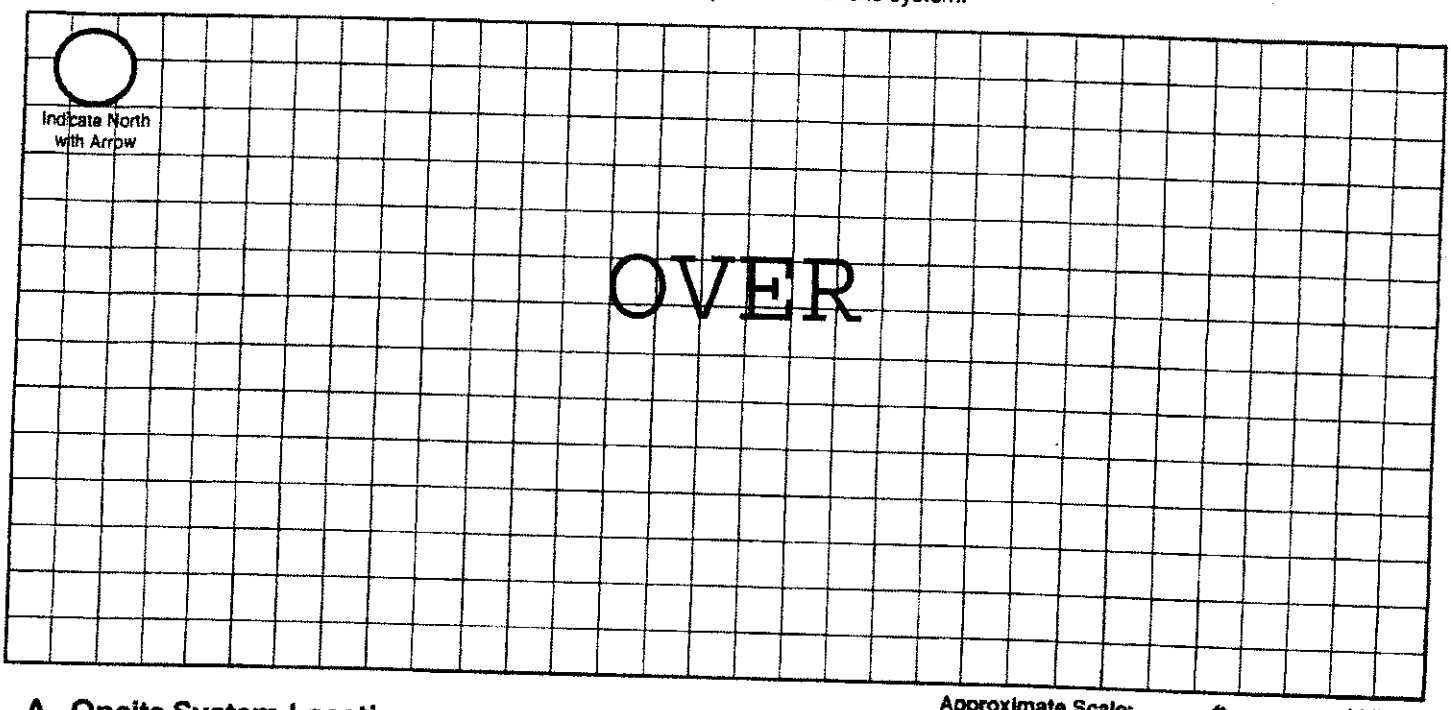
C

Permit Number: HS001221

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



Approximate Scale: _____ ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 4700 S 98th St City Lincoln NE, Zip 68526

B. Proposed Septic Tank/s

Septic Tank Cap. 1,500 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 4 Soil Type Aksarben Silty Clay Loam Land Slope _____ %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,415 sq.ft.

Total length of laterals 390 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 4 Width 40" No. of drop boxes 1 Distrubtion Box _____

No. of absorption beds _____ Width _____ No of Distribution lines per bed _____

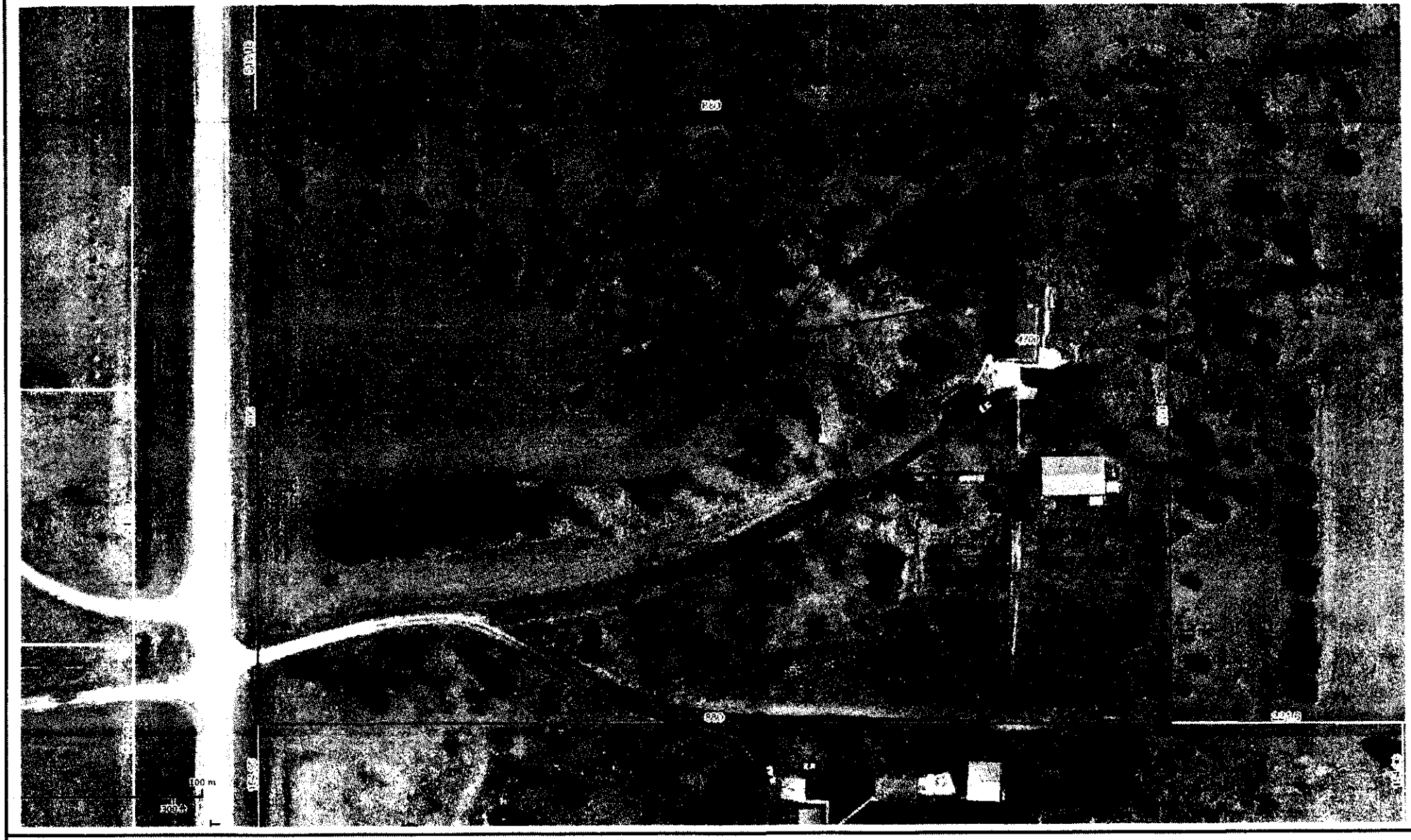
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 ☐	☐

F. Required Signatures

Home Building Contractor Existing Home Date _____

Installer Ronald L. Johnson Date 4/4/16



Lancaster County/City of Lincoln GIS Map

Steven Knobel 4700 S 98th St, Lincon, NE 68526 402-432-1296

Printed: Apr 07, 2016

DISCLAIMER: The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email ags@lincoln.ne.gov and you will be directed to the appropriate department.

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001221

System Type: Standard

Situs: 4700 S 98 ST, RURAL, NE

Issued: 4/12/2016

Expires: 4/12/2017

Description: S12, T9, R7, 6th Principal Meridian, LOT 54 NW

Owner: KNOBEL, STEVEN & KAREN
REVOCABLE TRUST
4700 S 98 ST
LINCOLN, NE 68526

Judith A Halstead

Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead

Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING INC
13800 NW 70TH ST
RAYMOND, NE 68428

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Exhibit 5

Permit Number: H5001221

OK 4/21/16

Onsite Wastewater Treatment System

Inspection Sheet

Date 4/15/16 Legal Description ¼ ¼ 12 / 9 / 7 Lot 54
Section/Township/Range

Onsite System Location

Address (no rural route) 4700 S 98th City

Owner Steve Knobel Address

Mark One: ☐ Dwelling ☐ Non-dwelling

☐ New System ☒ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification):

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 1,415 Sq. Ft. Tank Size 1500 gals

Total length of laterals 390 Type of Distribution: ☒ Chamber ☐ Perforated Pipe ☐ Other (describe)

No. of Absorption Laterals 4 Width 3.625 factor No. of Drop Boxes 1 Distribution Box ☒

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☑	10 ☑	5 ☑
Field (ft)	100 ☑	500 ☑	50 ☑	4 ☑	25 ☑	5 ☑

Geographical Coordinates to 6 Decimals:

Tank NA

Lateral #1 NA Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DC Date 4/15/16

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Theis
Date 4/15/16

Field Note Drawing (See Reverse Side):