FEB 2 6 2016

A

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

Permit Number
HS001199

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 _____ (no rural route) City Roca NE Zip 68430

Legal Description NE (1/4) 25 (1/4 Section) 8N (Township) SB 6E (Range) Meadowlark Hills (Subdivison) 1 (Addition) 3 (Block) (Lot)

PID 08-25-201-003-000

B. Owner

Name Kevin & Marilyn Hagerbaumer Signature Kevin Hagerbaumer Marilyn L Hagerbaumer

Address 2696 Colonial Dr City/State/Zip Lincoln, NE 68502

Home Phone 402-770-4644 (Kevin) Work Phone 402-440-8726 (Marilyn)

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 3.03

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 appvd _____
ACTION ☐ Approved ☐ Disapproved
Signature _____
Comments _____

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

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

Installation Final Written Approval
By _____
Date _____

Business Office Use Only
Date Received 2-26-16 Amount Paid $385.00
Received By SB Cash/Check No. 8839

White - Health Department • Yellow - Engineer Pink - Surveyor & Safety

FEB 2 6 2016

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

B

Permit Number: H/S001199

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address Meadowlark Hills Add Block 1, Lot 3 (no rural route) City Roca NE, Zip 68430

Owner Kevin & Marilyn Hagerbaumer Address 2696 Colonial Dr, Lincoln, NE 68502

Date of Tests 6/19/2015 to 6/20/2015 Weather: Precipitation 0 Temperature 89°

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			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	36	6/19	12:30p	6/19	4:30p	6/20	12:30p	6	6/20	1:00p	30	1-7/8	16
2	28	"	"	"	"	"	"	6	"	"	"	1-1/2	20
3	32	"	"	"	"	"	"	6	"	"	"	5/8	48
4	30	"	"	"	"	"	"	6	"	"	"	13/16	37
								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: 121
Average of Rates: 30
Rate Used for Calculation: 48 (20 mpi variance)

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

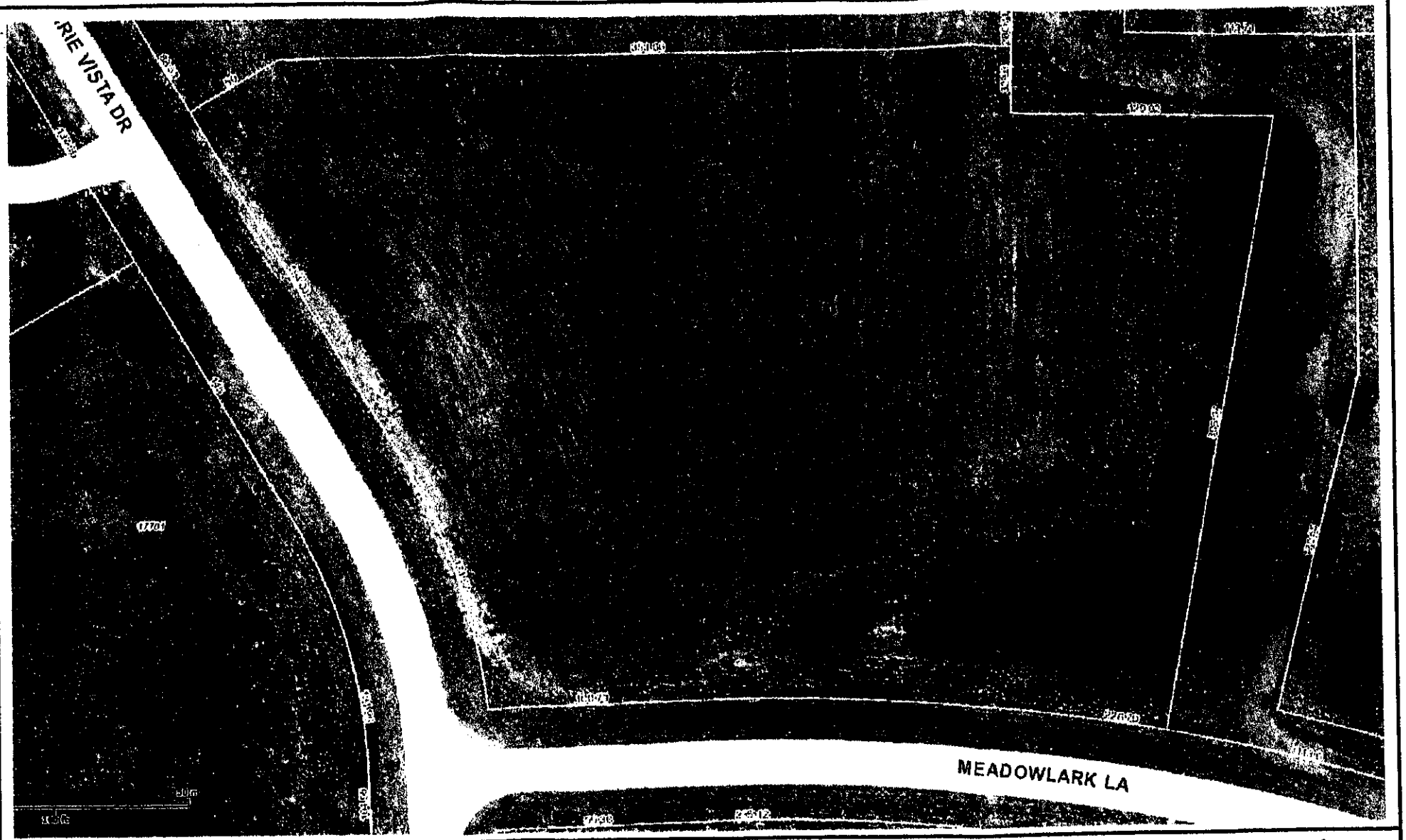
Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official _____ Date _____



Lancaster County/City of Lincoln GIS Map

Kevin & Marilyn Hagerbaumer - Meadowlark Hills Add Block 1, Lot 3

● = Percolation Test Holes

N
W E
S

Printed: Jun 22, 2015

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.

FEB 2 6 2016

C

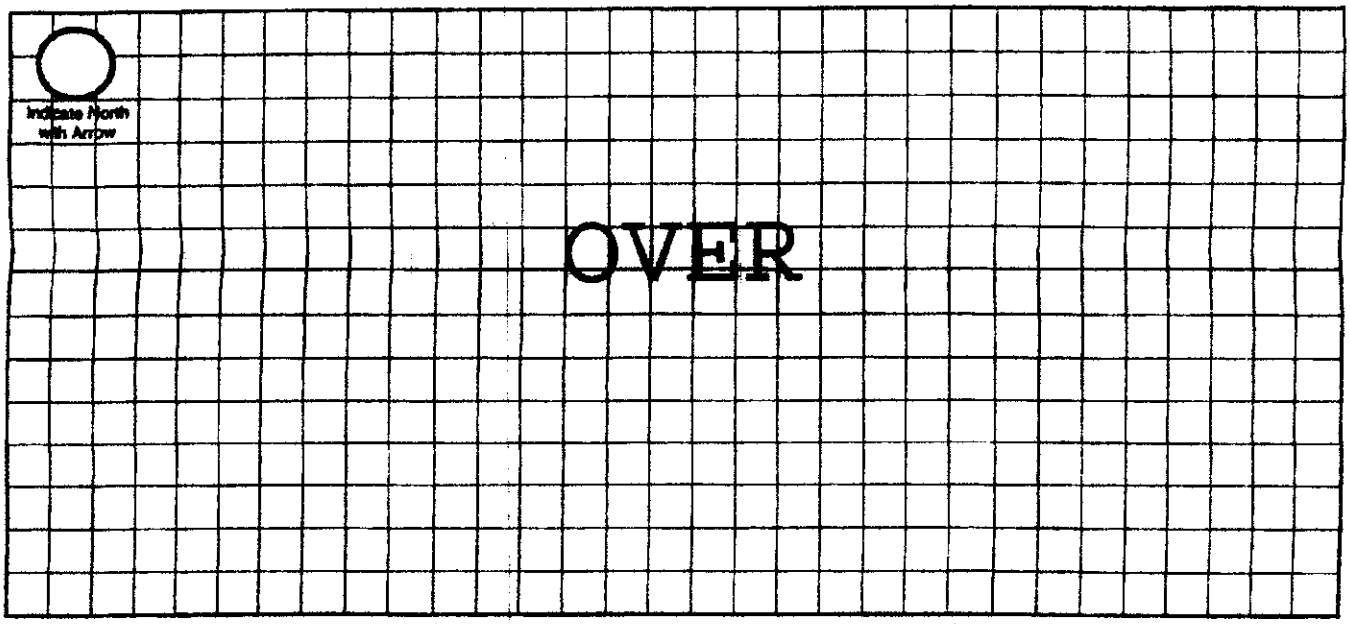
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

Permit Number: HS001199

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) _____ City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 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 48 (min/inch = mpi) No. of Bedrooms 4 Soil Type Silty Clay Loam Land Slope 3-6 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,325 sq.ft.

Total length of laterals 365 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches_____ 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

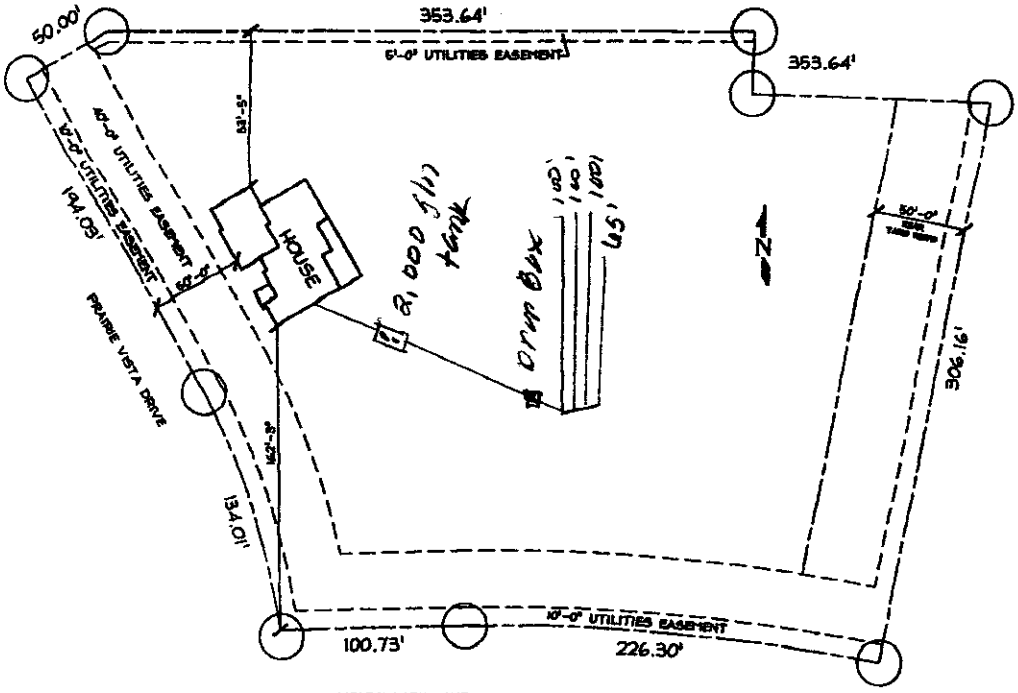
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor _____ Date 2-26-16

Installer _____ Date 2/25/16

Onsite Form C 12-06



IRONWOOD BUILDERS

SITE PLAN

SCALE 1/64" = 1'-0"

CONSTRUCTION NOTES:

ADJUST PLANS TO COMPLY WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES, ORDINANCES, REGULATIONS AND AMENDMENTS AND ALL OTHER AUTHORITIES HAVING JURISDICTION.

RELEASE FOR ALL LIABILITY AND DAMAGES. THE CUSTOMER HEREBY RELEASES AND HOLDS RESIDENTIAL DRAFTING SERVICES, INC. (RDS), IT'S EMPLOYEES, AND IT'S OWNERS, OFFICERS, DIRECTORS, STOCK HOLDERS AND AGENTS, HARMLESS FROM ANY ALL LIABILITY AND DAMAGES RELATING TO THE USE OF THESE PLANS, WETHER SAID LIABILITY AND DAMAGES ARISE FROM THE MATERIALS USED TO CONSTRUCT OR REMODEL THE HOME, DESIGN, CONSTRUCTION OR REMODELING OR MAINTENANCE OF THE HOME, OR FOR ANY OTHER CAUSE. FURTHER, THE CUSTOMER AGREES THAT ANY CHANGES OR CORRECTIONS TO THE PLANS ARE THE SOLE RESPONSIBILITY OF THE CUSTOMER AND NOT RDS. THE CUSTOMER ALSO ACKNOWLEDGES AND AGREES THAT IT IS THE CUSTOMER'S DUTY AND NOT THE DUTY OF RDS, TO ENSURE THAT THESE PLANS CONFORM TO LOCAL BUILDING CODES.

©RDS COPYRIGHT

IT IS UNLAWFUL TO COPY, REPRODUCE OR USE ANY INFORMATION, IDEAS, OR WORK DERIVED FROM THESE PLANS WITHOUT WRITTEN PERMISSION FROM RDS. LEGAL ACTION WILL RESULT FROM COPYRIGHT VIOLATION(S).

BUILDER'S NOTES:

BUYERS APPROVAL: _____ DATE: _____

IRONWOOD BUILDERS, LLC.

"HAGERBAUMER RESIDENCE"
L-3 B-1 MEADOWLARK HILLS ADDITION

PLAN# IW0175
1 of 6
9.1.2015
SCALE 1/4"=1'-0"

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. HS001199

System Type: Standard

Situs: No Site Address Specified

Issued: 3/3/2016

Expires: 3/3/2017

Description: MEADOWLARK HILLS ADDITION, BLOCK 1, Lot 3

Owner: HAGERBAUMER, KEVIN L &
MARILYN R
2696 COLONIAL DR
LINCOLN, NE 68502

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
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

7/25/16 ORR

Exhibit 5

Permit Number: HS001199

Onsite Wastewater Treatment System

Inspection Sheet

Date 7/22/16 Legal Description Meadowlark Hills ¼ ¼ Section/Township/Range RI4 ; Lot 3

Onsite System Location 17680 Prairie Vista Dr.

Address (no rural route) No address shown City _____

Owner _____ 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 1,325 Sq. Ft. (648 installed required) Tank Size 2,000 gals

Total length of laterals 455' Type of Distribution: ☒ Chamber ☐ Perforated Pipe ☐ Other (describe)_____

No. of Absorption Laterals 4 Width 3.625 factory No. of Drop Boxes _____ Distribution Box 1

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 ☑
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Geographical Coordinates to 6 Decimals:

Tank_____

Lateral #1 NA Lateral #3_____

Lateral #2_____ Lateral #4_____

Comments:

Inspections prior to Final Approval Initial DC Date 9/22/16

Follow-Up_____ Date _____

Follow-Up_____ Date _____

Installation Final Written Approval By Doug Rauch

Date 9/22/16

Field Note Drawing (See Reverse Side):

Updated 4/15

FEB 2 6 2016

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

SCANNED

A

Permit Number
HS001199

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DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department
Site visits _____
Comments _____
Date rec'd 3/3/16
Date frwd 3/3/16
ACTION ☒ Approved ☐ Disapproved
Signature _____

2. Supt. Bldg. Insp. or Village Clerk
Comments _____
Date rec'd 3-3-16
Date frwd 3-3-16
ACTION ☒ Approved ☐ Disapproved
Signature _____

3. City or County Engineer
Comments _____
Date rec'd 3-3-16
Date frwd 3-3-16
ACTION ☒ Approved ☐ Disapproved
Signature Jim Plouzek

Installation Final Written Approval
By _____
Date 7/22/16

Business Office Use Only
Date Received 2-26-16 Amount Paid $385.00
Received By SB Cash/Check No. 8839

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated 1/13

FEB 2 6 2016

SCANNED

B

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

Permit Number: HS001199

Onsite Wastewater Treatment System

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								6					
								6					
								6					
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Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date



N
W E
S

Lancaster County/City of Lincoln GIS Map

Kevin & Marilyn Hagerbaumer - Meadowlark Hills Add Block 1, Lot 3

• = Percolation Test Holes

Printed: Jun 22, 2015

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.