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

**A**

Permit Number
HS000925

# 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.

BUILDER: PETER HIND 402 617 6984

**PLEASE PRINT OR TYPE**

## A. Onsite System Location

Address 112th & PIONEERS (no rural route) City WALTON, NE Zip 68461

Legal Description S12 T9 R7 6th PM NE NE 38

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 16-12-200-005-000

## B. Owner

Name CHRISTIANE KRISTEN KOHLER Signature

Address 5440 S 84th ST. City/State/Zip LINCOLN NE 68526

Home Phone 402 432 0561 Work Phone

## C. Certified Installer

Name: SOUTHWICK LIQUID WASTE Signature

Address 105 E LOCUST ST City/State/Zip HICKMAN NE 68372

Work Phone 430 - 7606

## 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 5 Whirlpool Bathtub? ☒ Yes ❑ No Total Acres 20

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 **ACTION** ❑ Approved ❑ Disapproved
Date frwd Signature
Comments

**2. Supt. Bldg. Insp. or Village Clerk**
Comments Date rec'd **ACTION** ❑ Approved ❑ Disapproved
Date frwd Signature

**3. City or County Engineer**
Comments Date rec'd **ACTION** ❑ Approved ❑ Disapproved
Date frwd Signature

**Installation Final Written Approval**
By
Date

***Business Office Use Only***
Date Received 7-9-14 Amount Paid $315.00
Received By SB Cash/Check No. 2371

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

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) PID 16-12-200-005-000

Address 112th & Pioneers, 5 12 T 9 R 7, 6th PM, NENE (no rural routes) Lot 28 City Walton NE Zip 68461

Owner Winona Ketchum Trust Address Connie Heier 2400 S 120 St, Walton NE 68461

Soil Type (SCS): 7207 + 7231 Percolation Rate: 30 min./inch

Date of Tests 10/11/95 to 10/12/95 Weather: Precipitation – Temperature 60

## Percolation Test Data Table

| A. | B. | C. | D. | E. | F. | G. | H. | I. | J. | K. | L. | M. | N. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Pre-Saturation Period | | | | Percolation Readings | | | | | 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 | 36" | 10/11 | 10 a.m. | 10/12 | 10 a.m. | 10/12 | 10 a.m. | 3" | 10/12 | 10:30 | 30 | 1 | 30 |
| 2 | | | | | | | | | | | 30 | 1 1/4 | 24 |
| 3 | | | | | | | | | | | 30 | 1 1/4 | 24 |
| 4 | | | | | | | | | | | 30 | 3/4 | 40 |
| 5 | | | | | | | | | | | 30 | 1 1/8 | 27 |
| 6 | | | | | | | | | | | 30 | 1 1/8 | 27 |
| 7 | | | | | | | | | | | 30 | 1 | 30 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates: 202
Average of Rates: 29
Rate Used for Calculation: 30

### Person Conducting Percolation Tests

Name: Brad Southwick
Phone: 402-430-7001
Address 105 Locust St
Hickman NE 68372

DO NOT WRITE BELOW THIS LINE

### Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-95

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

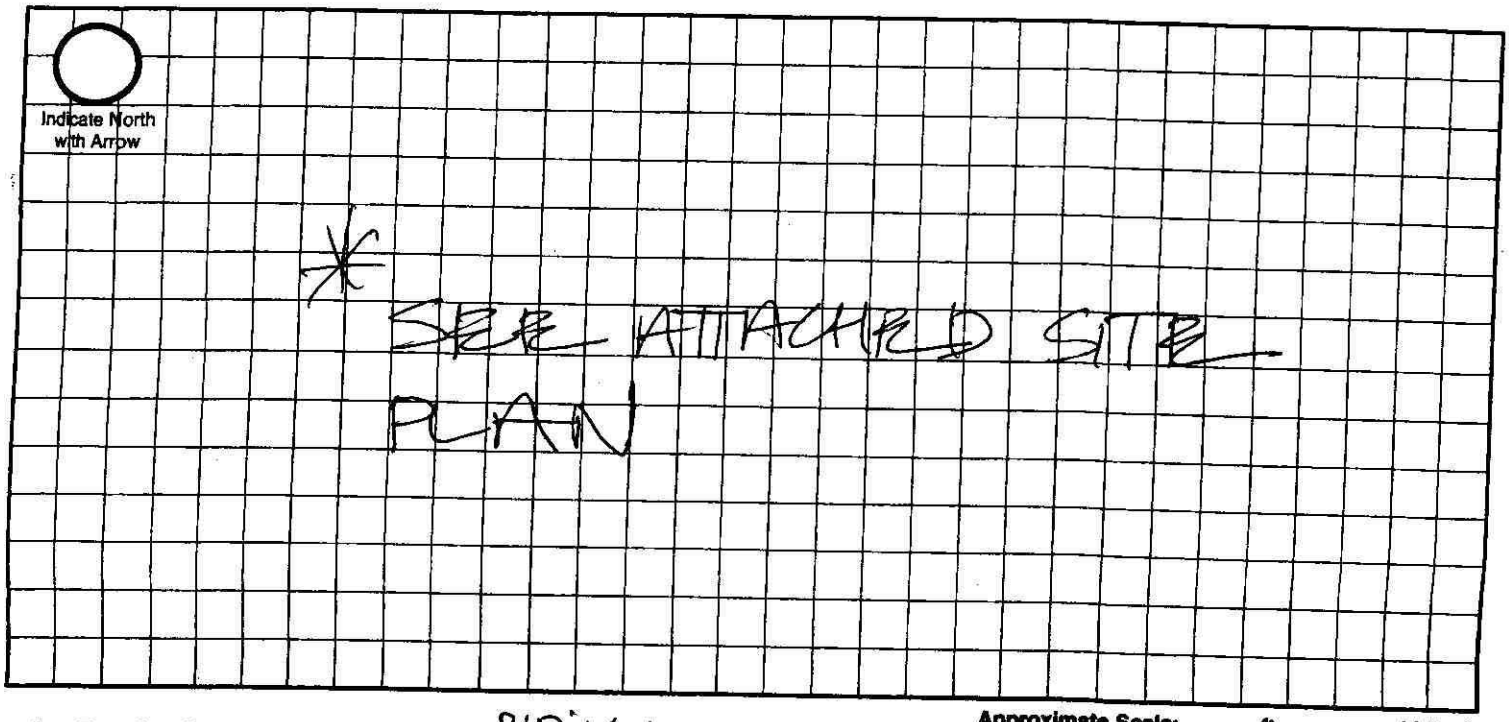
**C**

Permit Number:

# 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

PID: 16-12-200-005-000

Address (no rural route) 112th & Pioneers, City _____ NE, Zip _____

## B. Proposed Septic Tank/s

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

## C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percoloation test required) ☐ Lagoon

## D. Drainfield Absorption System

Percolation Rate_____ (min/inch = mpi) No. of Bedrooms_____ Soil Type_____ Land Slope_____%

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield_____sq.ft.

Total length of laterals_____ Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☐ Other

No. of absorption trenches_____ Width_____ No. of drop boxes_____ 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 _____

Installer _____ Date _____

## Nate C. Hartman

**From:** Ken D. Schroeder
**Sent:** Wednesday, July 09, 2014 1:15 PM
**To:** Nate C. Hartman
**Subject:** sewage disposal system for PID# 16 12 200 005 000
**Attachments:** part of sec 12-9-7.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 38 irregular tracts located in the NE 1/4 of Section 12, T9N, R7E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec.12-9-7)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.
Ken

Kenneth D. Schroeder, RLS
Lancaster County Surveyor
444 Cherrycreek Road, Bldg. "C"
Lincoln, Nebraska 68528
kschroeder@lancaster.ne.gov
Phone (402) 441-7681
Fax (402) 441-8692

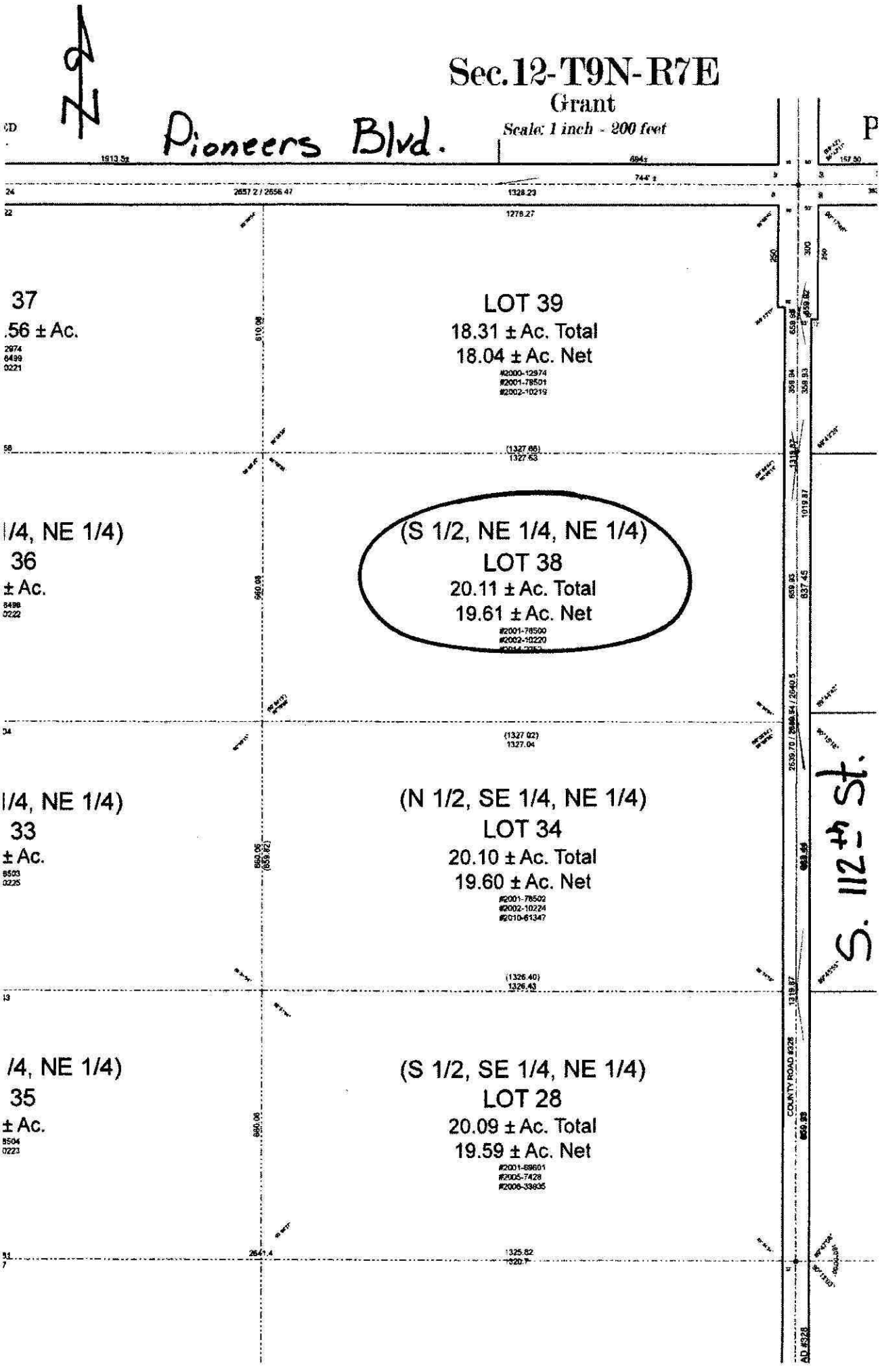
## Nate C. Hartman

**From:** Todd A. Stutzman
**Sent:** Wednesday, July 09, 2014 1:17 PM
**To:** Nate C. Hartman

Nate,

Lot 38 located in S12 T9 R7 is a buildable lot.

Todd


Sec. 12-T9N-R7E
Grant
Scale: 1 inch = 200 feet
Pioneers Blvd.
S. 112th St.
COUNTY ROAD #328
LOT 39
18.31 ± Ac. Total
18.04 ± Ac. Net
#2000-12974
#2001-78501
#2002-10219
(S 1/2, NE 1/4, NE 1/4)
LOT 38
20.11 ± Ac. Total
19.61 ± Ac. Net
#2001-78500
#2002-10220
(N 1/2, SE 1/4, NE 1/4)
LOT 34
20.10 ± Ac. Total
19.60 ± Ac. Net
#2001-78502
#2002-10224
#2010-61347
(S 1/2, SE 1/4, NE 1/4)
LOT 28
20.09 ± Ac. Total
19.59 ± Ac. Net
#2001-69601
#2005-7428
#2006-33835

**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. HS000925**

**System Type:** Standard

**Situs:** S12, T9N, R7E, LOT 38, RURAL, NE

Issued: 7/16/2014

Expires: 7/16/2015

**Description:** S12, T9, R7, 6th Principal Meridian, S1/2 NE NE (AKA LOT 38 NE)

**Owner:** KOHLER, CHRISTIAN & KRISTIN
5410 S 88 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

FOUNDARCHITECTS
5140 VALLEY RD
LINCOLN, NE 68510

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

SCANNED

**A**

Permit Number
HS000925

# 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.

BUILDER: PETER HIND 402 617 6984

**PLEASE PRINT OR TYPE**

## A. Onsite System Location

Address 112th & PIONEERS (no rural route) City WALTON, NE Zip 68461

Legal Description S12 T9 R7 6th PM NE NE 38

| 1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot |
|---|---|---|---|---|---|---|---|---|

PID 16-12-200-005-000

## B. Owner

Name CHRISTIAN & KRISTEN KOHLER Signature

Address 5440 S 84th ST. City/State/Zip LINCOLN NE 68526

Home Phone 402 432 0561 Work Phone

## C. Certified Installer

Name: SOUTHWICK LIQUID WASTE Signature

Address 105 E OLIVE ST City/State/Zip HICKMAN NE 68372

Work Phone 430 - 7606

## 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 Bedroom w/ Future Space Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 20

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
Comments
Date rec'd
Date frwd
**ACTION** ☐ Approved ☐ Disapproved
Signature

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

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

**Installation Final Written Approval**
By
Date 10/20/14

***Business Office Use Only***
Date Received 7-9-14 Amount Paid $315.00
Received By SB Cash/Check No. 2371

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

Form A Updated: 1/13

**LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT**
**LAGOON/SEPTIC INSPECTION REPORT**

Permit No. H5000928 Certified Installer: Blake Johnson

Address: UNK

Circle compliance status for each item. **IN = in compliance OUT = not in compliance NA = not applicable NO = not observed**

## LAGOON SETBACKS

| | | | | Item | MIN. SETBACK DISTANCE – FT. (METERS) |
|---|---|---|---|---|---|
| IN | OUT | NA | NO | Surface Wtr. Distance from Wtr. Mark | 50 ft. (15.2 m) |
| IN | OUT | NA | NO | Private Drinking Water Wells | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Public Drinking Water Supply Wells: | |
| IN | OUT | NA | NO | Non-Community | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Community | Evaluated by a professional engineer for potential impact on the well and submitted to the Dept. for approval if less than 1000 ft. (304.8 m) |
| IN | OUT | NA | NO | All Other Water Wells | 100 ft. (152.4 m) |
| IN | OUT | NA | NO | Water Lines: | |
| IN | OUT | NA | NO | Pressure Main | 25 ft. (7.6 m) |
| IN | OUT | NA | NO | Pressure-Service Connection | 25 ft. (7.6 m) |
| IN | OUT | NA | NO | Suction Line | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Property Lines | 50 ft. (15.2 m) |
| IN | OUT | NA | NO | Trees and Brush | 50 ft. (15.2 m) |
| IN | OUT | NA | NO | Foundations: (see definition above) | |
| IN | OUT | NA | NO | Except Neighbor's Foundation: | |
| IN | OUT | NA | NO | Class 1 | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Class 2 | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Class 3 | 50 ft. (15.2 m) |
| IN | OUT | NA | NO | Neighbor's Foundation: | |
| IN | OUT | NA | NO | Class 1 | 200 ft. (61.0 m) |
| IN | OUT | NA | NO | Class 2 | 200 ft. (61.0 m) |
| IN | OUT | NA | NO | Class 3 | 100 ft. (30.5 m) |

**COMMENTS**

**Lagoon Dimensions:**

## TANK AND SOIL ABSORPTION SYSTEM SETBACKS

| | | | | Item | MIN. SETBACK DISTANCE – FT. (METERS) Tanks | Absorption, Infiltrative & Evaporative Systems |
|---|---|---|---|---|---|---|
| IN | OUT | NA | NO | Surface Water | 50 ft. (15.2 m) | 50 ft. (15.2 m) |
| IN | OUT | NA | NO | Private Drinking Water Wells | 50 ft. (15.2 m) | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Public Drinking Water Supply Wells: | | |
| IN | OUT | NA | NO | Non-Community System | 50 ft. (15.2 m) | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Community System | 500 ft. (152.4 m) | 500 ft. (152. 4 m) |
| IN | OUT | NA | NO | Community System when a septic system or soil absorption system of > 1000 gpd is proposed | 500 ft. (152.4 m) | Evaluated by professional engineer for potential impact on the well and submitted to the Depart. for approval if less than 1000 ft. |
| IN | OUT | NA | NO | All Other Water Wells | 50 ft. (15.2 m) | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Water Lines: | | |
| IN | OUT | NA | NO | Pressure-Main | 10 ft. (3.1 m) | 25 ft. (7.6 m) |
| IN | OUT | NA | NO | Pressure-Service – Connection | 10 ft. (3.1 m) | 25 ft. (7.6 m) |
| IN | OUT | NA | NO | Suction Lines | 50 ft. (15.2 m) | 100 ft. (30.5 m) |
| IN | OUT | NA | NO | Property Lines | 5 ft. (1.5 m) | 5 ft. (1.5 m) |
| IN | OUT | NA | NO | Parking area, driveway, sidewalk or other impermeable surface or cover | 5 ft. (1.5 m) | 5 ft. (1.5 m) |
| IN | OUT | NA | NO | Foundations: (see definitions above) | | |
| IN | OUT | NA | NO | Except Neighbor's Foundation: | | |
| IN | OUT | NA | NO | Class 1 | 15 ft. (4.6 m) | 30 ft. (9.1 m) |
| IN | OUT | NA | NO | Class 2 | 10 ft. (3.1 m) | 20 ft. (6.1 m) |
| IN | OUT | NA | NO | Class 3 | 7 ft. (2.1 m) | 10 ft. (3.1 m) |
| IN | OUT | NA | NO | Neighbor's Foundation: | | |
| IN | OUT | NA | NO | Class 1 | 25 ft. (7.6 m) | 40 ft. (12.2 m) |
| IN | OUT | NA | NO | Class 2 | 20 ft. (6.1 m) | 30 ft. (9.1 m) |
| IN | OUT | NA | NO | Class 3 | 15 ft. (4.6 m) | 20 ft. (6.1 m) |

**COMMENTS**

7200 sf

**Septic Tank Size:** 2500

**Lateral Sq. Footage:** 292 sf

**Inspected By:** _____ **Date:** 10/20/14