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

**ON-SITE WASTE WATER SYSTEM**
**CONSTRUCTION - INSTALLATION PERMIT**

**No. HS000277**

**System Type:** LAGOON

**Situs:** 9

**Legal Description:** T12N-R05E-S10-Lot 17

**Owner:**

| | |
|---|---|
| Permit Fee: | $315.00 |
| Variance Fee: | $0.00 |
| Extension Fee: | $0.00 |
| Total Fees: | $315.00 |

| | |
|---|---|
| Issued: | 09/17/2009 |
| Expires: | 09/17/2010 |

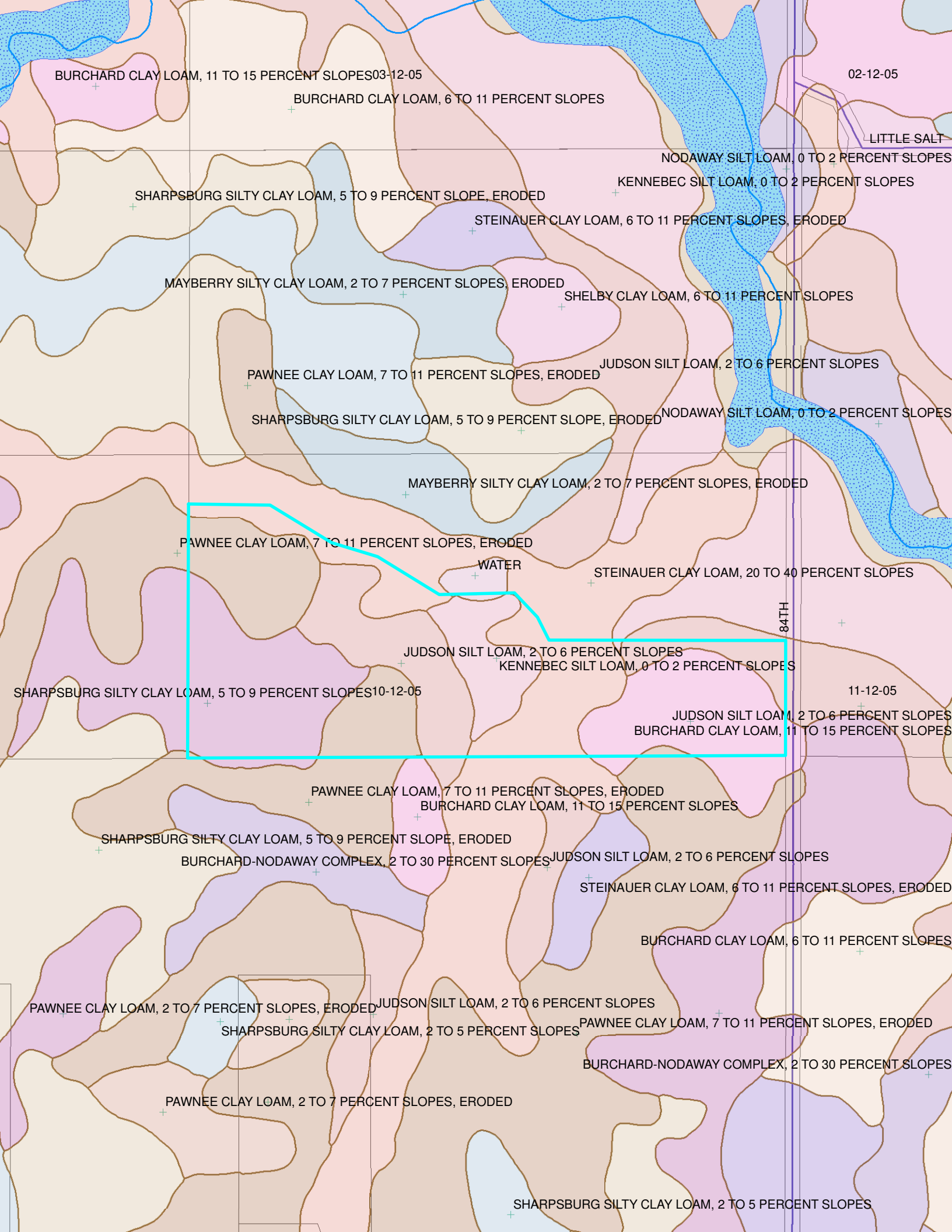
Bruce D. Dart, PhD, Health Director

On-site Waste System Permit Holder:

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.

Bruce D. Dart, PhD
Health Director

RAYMOND CONTRACTING
13800 NW 70TH
RAYMOND NE 68428


BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
03-12-05
BURCHARD CLAY LOAM, 6 TO 11 PERCENT SLOPES
02-12-05
LITTLE SALT
NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES
KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
STEINAUER CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
WATER
STEINAUER CLAY LOAM, 20 TO 40 PERCENT SLOPES
84TH
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
10-12-05
11-12-05
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
STEINAUER CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
BURCHARD CLAY LOAM, 6 TO 11 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES

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

SEP 1 1 2009
**A**

Permit Number
H5000277

# 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** 06-10-200-0016-000

## A. Onsite System Location

Address 21855 NW 84th St (no rural route) City Valparaiso, NE , NE Zip 68065

Legal Description NE 10 12 5 17
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Longitude: Latitude:

☐ Check if system mail address is not the same as the owner's address Total Acres:

## B. Owner

Name Huskerboys Farmland LLC Signature Mike Adams Signature on Attached copy

Address 3641 Potomac Ln City/State/Zip Lincoln, NE 68516

☐ Check if owner designed system Home Phone 402-525-9949 Work Phone

## C. Contractor

Name: Mike Adams Company Name Adams Custom Homes

Address PO Box 23108 City/State/Zip Lincoln, NE 68542

☐ Check if contractor designed system Work Phone 402-499-8635

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

Designer Name Lloyd Jaksebek Firm Raymond Contracting Inc Work Phone 890-6009

## E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub? ☐ Yes ☒ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

***DO NOT WRITE BELOW THIS LINE***

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

**1. Health Department**
Site visits 6/25/10 Irrig. test? 6/28/10 Interior
Date rec'd 9/14/09
Date frwd 9/14/09
ACTION ☒ Approved ☐ Disapproved
Signature

**2. Supt. Bldg. Insp. or Village Clerk**
Comments
Date rec'd 9-17-09
Date frwd 9-17-09
ACTION ☒ Approved ☐ Disapproved
Signature

**3. City or County Engineer**
Comments
Date rec'd 9-17-09
Date frwd 9-17-09
ACTION ☒ Approved ☐ Disapproved
Signature

**Installation Final Written Approval**
By
Date 6/30/10

***Business Office Use Only***
Date Received Amount Paid
Received By Cash/Check No.

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

Form A Updated: 5-07

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 21855 NW 84th St (no rural route) City Valparaiso NE, Zip 68065

Owner Huskers Boys LLC Addresss 3641 Potomac Ln Lincoln NE 68516

Soil Type (SCS): Kennebec Percolation Rate: 60 min./inch

Date of Tests 5/27/10 to 5/28/10 Weather: Precipitation 0 Temperature 87°

## 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 | 20 | 5/27 | 1:30p | 5/27 | 5:30p | 5/28 | 4:00p | 6 | 5/28 | 4:30p | 30 | 1/2 | 60 |
| 2 | 19 | " | " | " | " | " | " | " | " | " | " | 13/16 | 37 |
| 3 | 20 | " | " | " | " | " | " | " | " | " | " | 1/2 | 60 |
| 4 | 21 | " | " | " | " | " | " | " | " | " | " | 11/16 | 43 |
| 5 | 20 | " | " | " | " | " | " | " | " | " | " | 1/2 | 60 |
| 6 | 20 | " | " | " | " | " | " | " | " | " | " | 5/8 | 48 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

**Person Conducting Percolation Tests**

Name: Terri Jakoubek, Raymond Contracting, Inc:
Phone: 402-783-2663 or 402-890-3870
Address 13800 NW 70th St
Raymond, NE 68428 #C1198

Sum of Percolation Rates: 308
Average of Rates: 51
Rate Used for Calculation: 60 (20 min variance)

DO NOT WRITE BELOW THIS LINE

**Reviewing Action**

Remarks

Signature of Reviewing Official Date

IRM 23-101 10-95

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

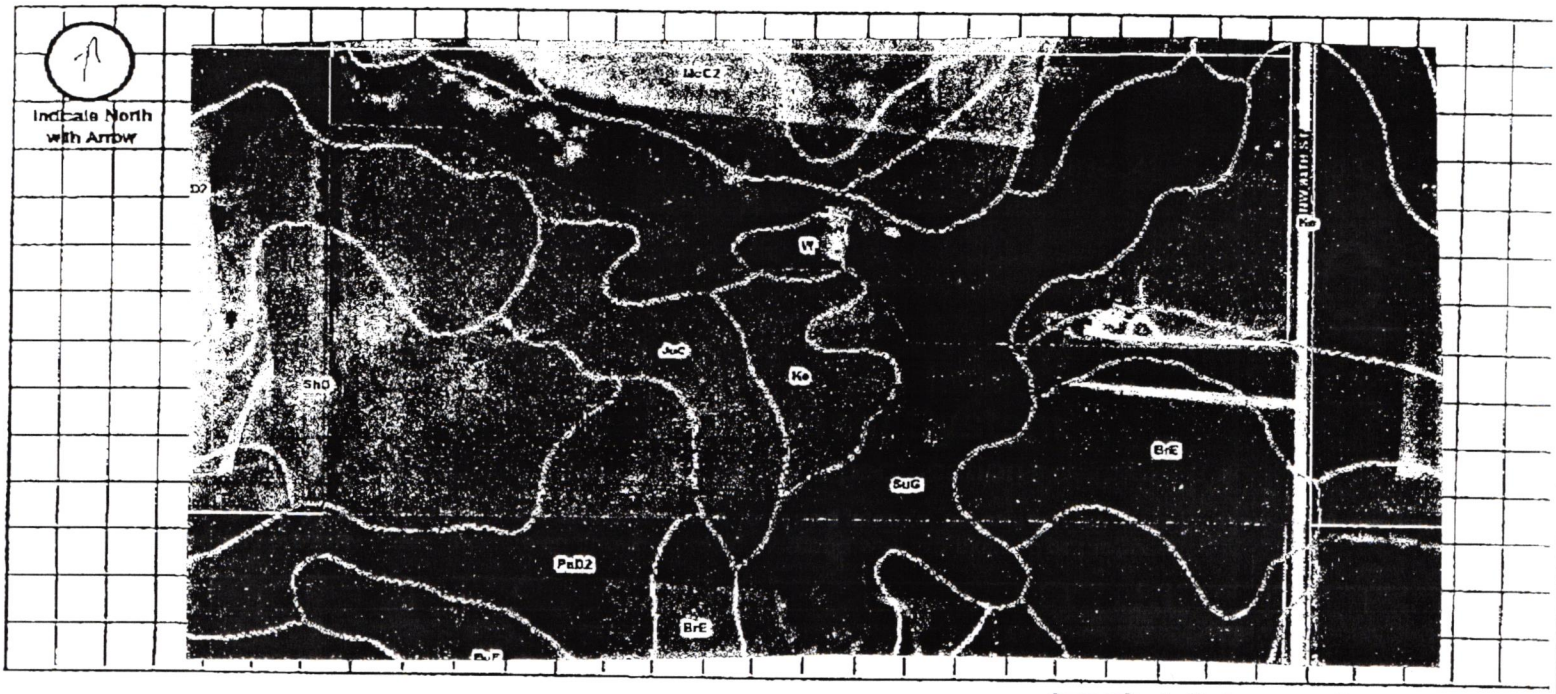
C

Permit Number:

# Sewage Disposal System

## Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.




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

### A. System Location (Indicate correct number and street)

Address (no rural route) 21855 NW 84th St City Valparaiso NE, Zip 68065

### B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

### C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 60 (min. per inch) Soil Type: Kennebec Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 1,050 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: ADS Gravelless Chambers

Capacity of Septic Tank 1,500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 265 ft. Number of Trenches 3 Trench Width 4'

### D. 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 ☐ | ☐ |

### E. Required Signatures

Home Building Contractor _____ Date _____

Installer [signature] Date 6-2-10

FORM 23-102 10-96

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

JUL 01 2010

**D**

Permit Number:

# Onsite Wastewater Treatment System

## As Built Plans & Specifications

Date 6-28-10 Legal Description NE (1/4) NE (1/4) 10-12-5 (Section Township Range) Lot 17

### Onsite System Location

Address (no rural route) 21855 NW 84th St City Valparaiso NE, Zip 68065

Owner Huskerboys Farmland LLC (Sky) Address 3641 Potomac Ln Lincoln NE 68516

### A. Sewer Pipe

1. Material: SDR26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 506 ft.
4. Number of clean-outs: 7
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

### B. Septic Tank

☐ Label with Manufacturer, address and gallon capacity

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" dia. inspection pipe
6. Outlet: ☑ baffle ☐ tee ☐ 6" dia. inspection pipe
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 ☑ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: Plastic
   Number available outlets: 3 Endcap D-Box
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 6' 15' 24' ft.

### D. Drainfield Absorption

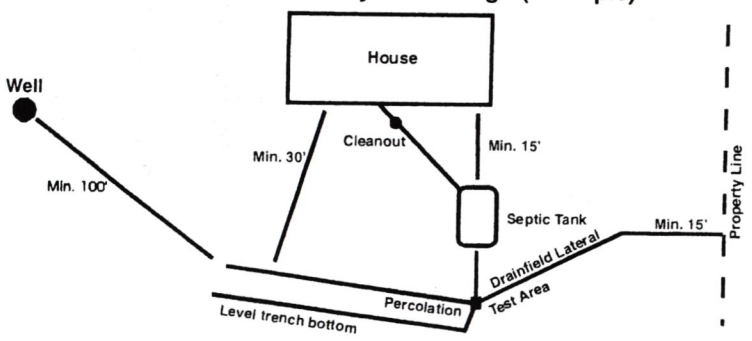
☑ Trench ☐ Bed ☐ Level Bottom

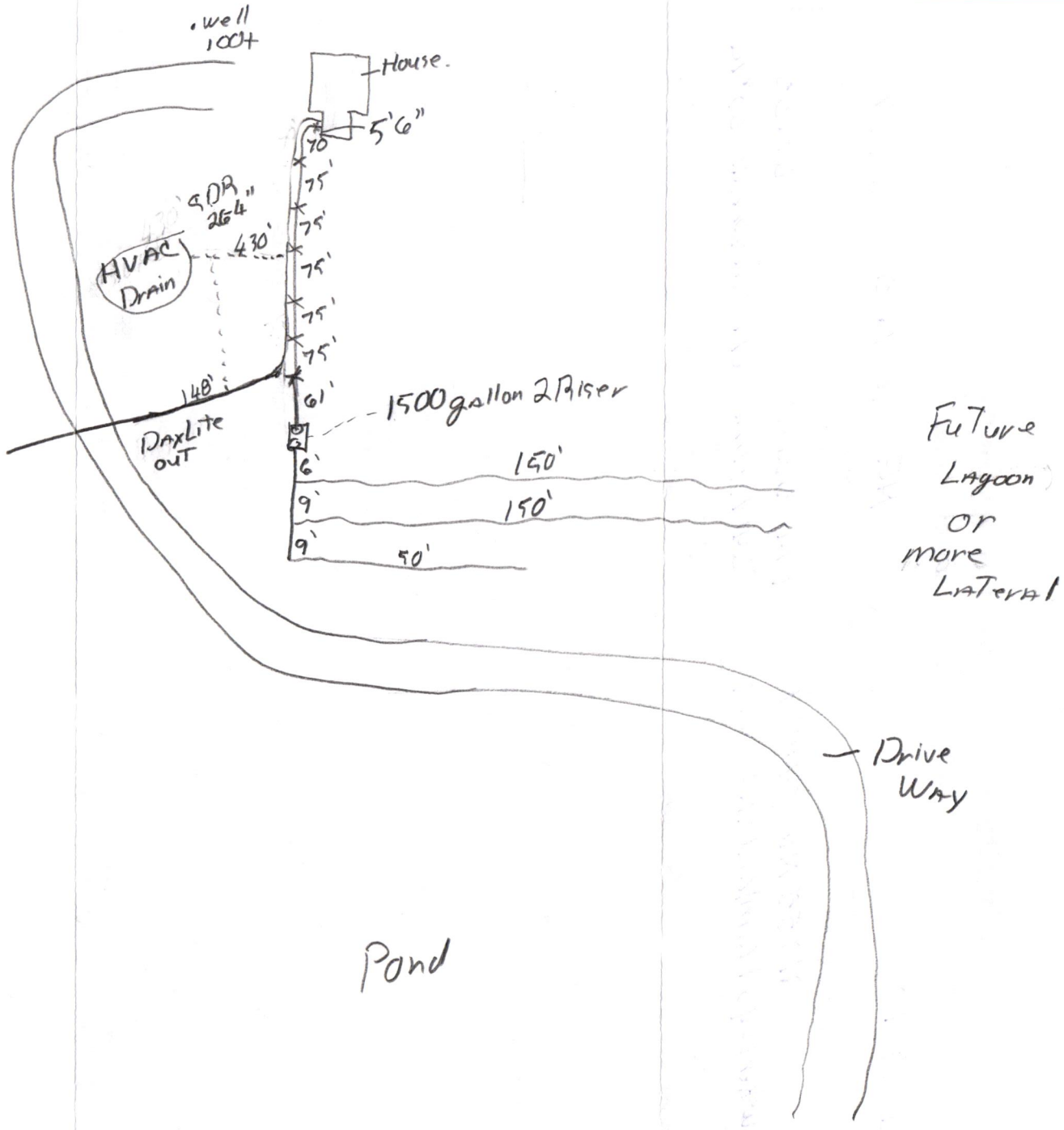
1. Type: ☑ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☑ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 3
   Length of each line: 150 ft. 150 ft.
   50 ft. _____ ft., _____ ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 48" - 20" in
4. Filter material: Dirt
   Depth of material 48"-20" in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.
   House or building 100+ ft.
   Lake or Stream 100+ ft.

**Complete As-Built drawing on the back fo this form.**

**Onsite Wastewater System Design (Example)**

Indicate North with Arrow






X-cleanouts

6/18/2010
Raymond Contracting
783-2663