Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

011084

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit: SEWAGE INSTALLATION
LAGOON

Establishment: GERALD J HELGOTH
T11N R7E SEC 8
6TH PRINCIPAL MERID LOT 45
12750 N 40 ST-DAVEY

Permittee: GERALD J HELGOTH
12750 N 40 ST
DAVEY NE 68336

Permit # 07380337101

Issued 07/31/07
Expires 07/31/08
Revenue Code 3157

FEES: $290.00

TOTAL: $290.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

A

Permit Number
07380337101

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 12750 North 40th (no rural route) City Davey, NE Zip 68336

Legal Description: LCR 6016 | 1/4 | 1/4 | Section 8 | Township 11 | Range 7 | 6th Principal Meridian | Subdivison | Addition | Block | Lot 45 NW

Geographical Location (if known): Longitude: _____ Latitude: _____

☐ Check if system mail address is not the same as the owner's address Total Acres: 95.75

B. Owner

Name Gerald J Helgoth Signature Gerald J Helgoth

Address 12750 N 40th ~~Davey NE~~ City/State/Zip Davey NE 68336

☐ Check if owner designed system Home Phone 402-785-5870 Work Phone 465-8323

C. Contractor

Name: Steve Reichwaldt Company Name Reichwaldt Enterprises

Address 7333 N 19th City/State/Zip Lincoln NE 68521

☐ Check if contractor designed system Work Phone 450-0583

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

Designer Name Mike Casement Firm Casement Plumbing Trenching Work Phone 432-7880

E. This system will serve a

10/31/07 Lagoon downsized to 150 gpd as per Mike Casement and owner. D.S.

☒ Residential Dwelling Number of Bedrooms 2 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 - Lagoon must be built outside of the floodplain
Date rec'd 7/31/07 Date frwd 7/31/07
ACTION ☒ Approved ☐ Disapproved Signature _____

2. Supt. Bldg. Insp. or Village Clerk
Comments _____
Date rec'd 7-31-07 Date frwd 7-31-07
ACTION ☒ Approved ☐ Disapproved Signature _____

3. City or County Engineer
Comments _____
Date rec'd 7/31/07 Date frwd 7-31-07
ACTION ☐ Approved ☐ Disapproved Signature _____

Line to lagoon area 10/25/07 D.S.

Installation Final Written Approval
By _____
Date 3/26/09

Business Office Use Only
Date Received 07/31/07 Amount Paid 290.00
Received By _____ Cash/Check No. 2249

9/50 approved as per Buff Baker

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

Form A Updated: 5-07

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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 _____ City _____ NE, Zip _____
(no rural route)

Owner _____ Addresss _____

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

Date of Tests _____ to _____ Weather: Precipitation _____ Temperature _____

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)

Person Conducting Percolation Tests

Name: _____

Phone: _____

Address _____

_____

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: _____

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

_____

_____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

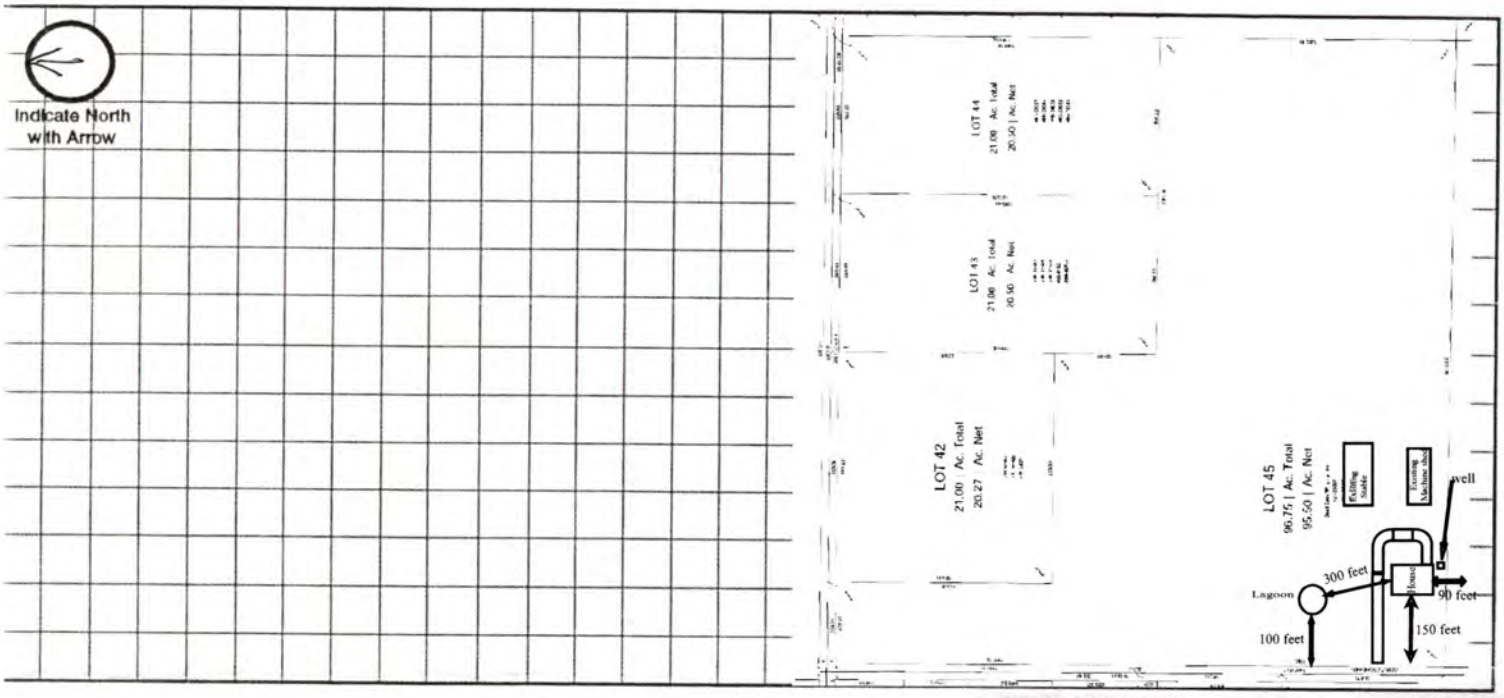
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C

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) 12750 North 40th City Davey NE, Zip 68336

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☒ Other Lagoon

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

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

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

Total Square Feet of Field Required: _____ sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

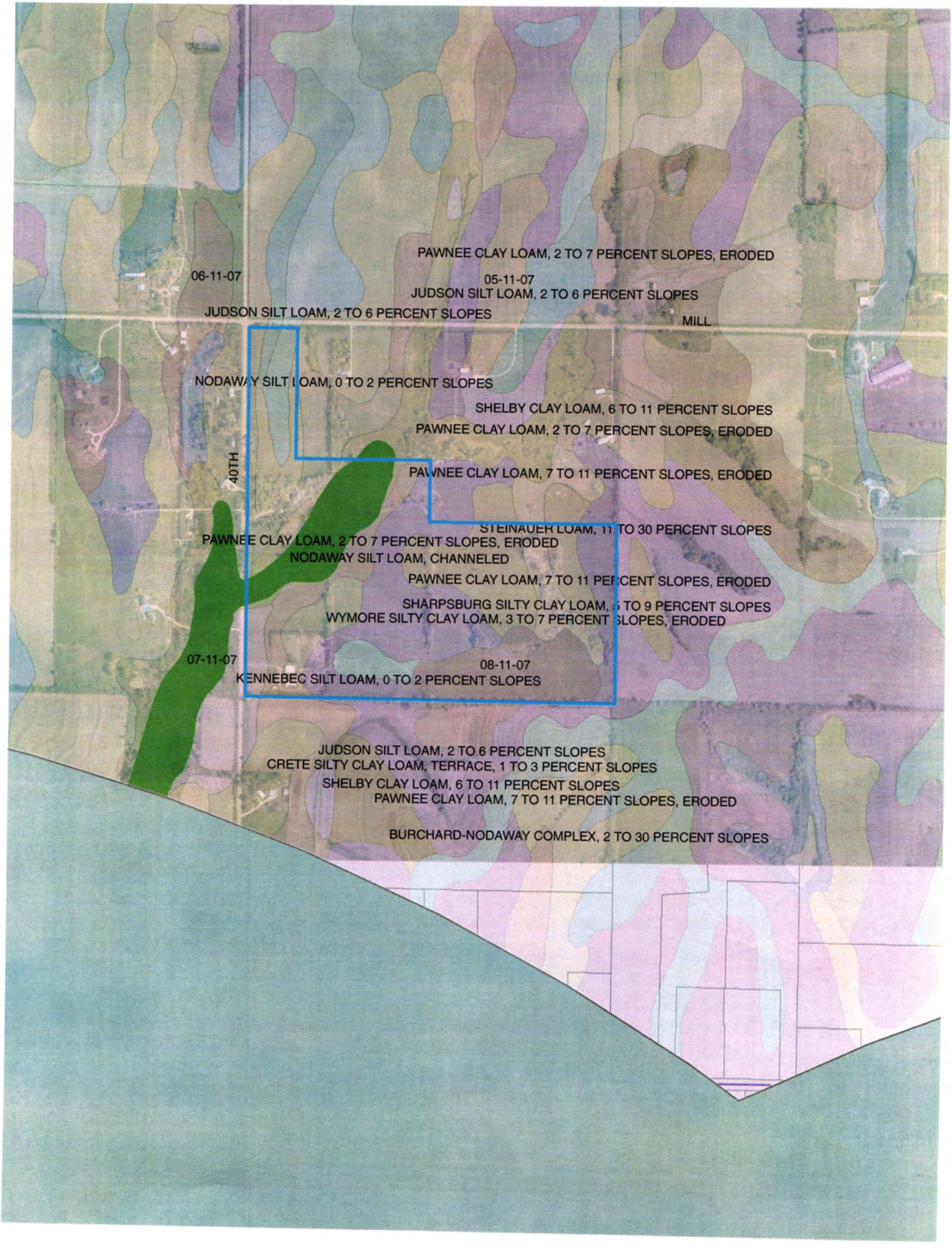
D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 Rockwell Date 7-27-07

Installer Lasercut Trenching LLC Date 7-27-07


PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
06-11-07
05-11-07
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
MILL
NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
40TH
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
STEINAUER LOAM, 11 TO 30 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
NODAWAY SILT LOAM, CHANNELED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
07-11-07
08-11-07
KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
CRETE SILTY CLAY LOAM, TERRACE, 1 TO 3 PERCENT SLOPES
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES