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

MAY 30 2014

A

Permit Number: HS000906

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 10680 W. ROCA RD (no rural route) City CRETE NE, Zip 68333

Legal Description 16 8 5 SB — 21 SB
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude N40° 39' 28.7 Latitude W096° 51' 59.3

☐ Check if system mail address is not the same as the owner's address PID 02-16-400-002-000

B. Owner

Name JESSICA PLACEK Signature X Jessica Placek

Address P.O. Box 247 City/State/Zip CRETE NE 68333

☐ Check if owner designed system Home Phone 402 826 7433 Work Phone

C. Contractor INSTALLER

Name GARY L. HOLLY Company Name HOLLY CONTRACTING COMPANY

Address 71860 - 567 AVE City/State/Zip FAIRBURY, NE 68352

☒ Check if contractor designed system Work Phone 402-587-0120

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

Designer Name Firm Work Phone

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub (YES) NO + GARBAGE DISPOSAL

☐ 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. 2832

1. **Health Department** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature

Installation Final Written Approval

By

Date

Business Office Use Only

Date Rec'd 5/30/14

Amt Paid 365.00

Rec'd By SB Cash/Check No. 2022

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

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

B

Permit Number: HS000906

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 10680 W. ROCA RD (no rural route) City CRETE NE, Zip 68333

Owner JESSICA PLACEK Address P.O. BOX 247, CRETE, NE 68333

Soil Type (SCS): BURCHARD CLAY LOAM/NORDAWAY SILTLOAM Percolation Rate: _____ min./inch

Date of Tests 052214 to 052314 Weather: Precipitation NONE Temperature 78°

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			LAST Water Level Drop (in)	
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)		Percolation Rates (Min/in)
1	36	0522	1630	0523	1400	0523	1450	6	0523	1850	30	.6 LAST 30	50
2				0523			1452	6		1852		.6	50
3							1453	6		1853		.75	40
4							1454	6		1854		.7	43
5							1455	6		1855		.75	40
6							1456	6		1856		.7	43
7							1457	6		1857		.75	40
8							1458	6		1858		.6	50
9							1459	6		1859		.7	43
												6.12	

Sum of Percolation Rates: 399

Average of Rates: 44.33

Rate Used for Calculation: 49

Person Conducting Percolation Tests

Name: GARY L. HOLLY

Phone: 402-587-0120

Address 71860-567 AVE, FAIRBURY, NE 68352

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

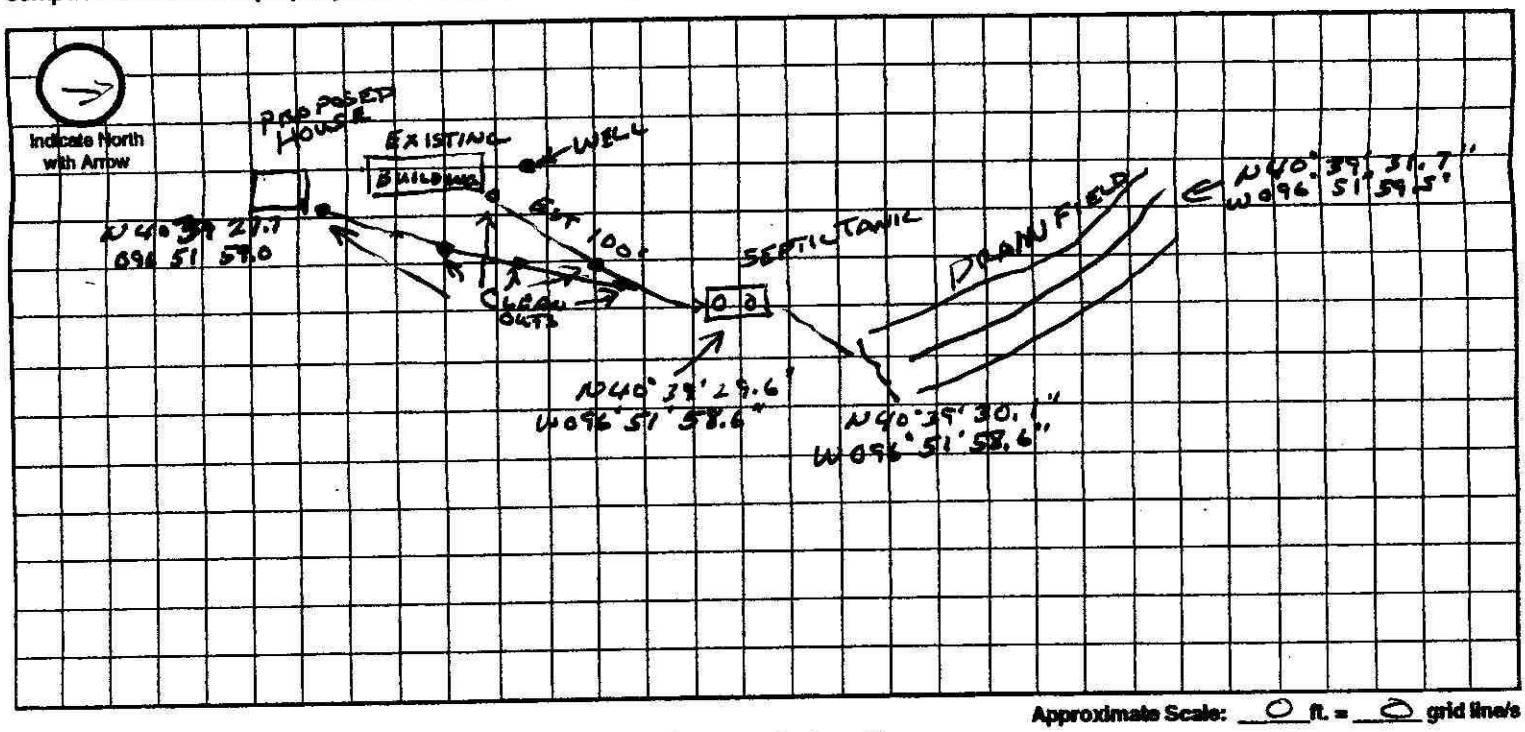
C

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

Permit Number: HS000906

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: 0 ft. = 0 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 10680 W. ROCA RD City CRETE NE, Zip 68333

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other

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

Percolation Rate 44 (min. per inch) Soil Type: BURCHARD CLAY LOAM, NORDAWAY SILT LOAM Land Slope: 6 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other GRAVELESS CHAMBERS

Total Square Feet of Field Required: 990 sq. ft.

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

Capacity of Septic Tank 1500 gals Number of Absorption Beds: Number of Distribution Laterals per Bed

Total Length of Laterals 280 ft. Number of Trenches 3 Trench Width 36"

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 Gary L Holly Date 052714

FORM 23-102 10-96

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. HS000906

System Type: Standard

Situs: S16, T8N, R5E, Lot 21, Rural, NE

Issued: 6/4/2014

Expires: 6/4/2015

Description: S16, T8, R5, Acres 6th Principal Meridian, LOT 21 SE

Owner: LAVAUGHN PLACEK, JESSICA
REVOCABLE TRUST
PO BOX 247
CRETE, NE 68333

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

JESSICA PLACEK
P O BOX 247
CRETE, NE 68333-0247

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
LAGOON/SEPTIC INSPECTION REPORT

Permit No. HS000906 Certified Installer: Holly, Gary

Address: 10680 W. Roca Rd.

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 l 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

Septic Tank Size: 2000
sized for future expansion

Lateral Sq. Footage:
Installation in process at time of inspection.

Inspected By: Doug Ambuehl **Date:** 7/7/14

SCANNED

MAY 30 2014

A

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

Permit Number: HS000906

Sewage Disposal System

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☐ Check if system mail address is not the same as the owner's address PID 02-16-400-002-000 SB

B. Owner

Name JESSICA PLACEK Signature X Jessica Placek

Address P. O. BOX 247 City/State/Zip CRETE, NE 68333

☐ Check if owner designed system Home Phone 402 826 7433 Work Phone

C. Contractor INSTALLER

Name GARY L. HOLLY Company Name HOLLY CONTRACTING COMPANY

Address 71860 - 567 AVE City/State/Zip FAIRBURY, NE 68352

☒ Check if contractor designed system Work Phone 402-587-0120

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

Designer Name Firm Work Phone

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub (YES) NO + GARBAGE DISPOSAL

☐ 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. 28322

1. **Health Department** Date rec'd 6/4/14 Date frwd 6/4/14 ACTION ☑ Approved ☐ Disapproved Signature
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd Date frwd ACTION ☑ Approved ☐ Disapproved Signature see attached
3. **City or County Engineer** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature Done needed

Installation Final Written Approval

By Doug Amack

Date 7/8/14

Business Office Use Only
Date Rec'd 5/30/14
Amt Paid 365.00
Rec'd By SB Cash/Check No. 2022

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

JUL 29 2014

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

D

Permit Number: HS 000906

Sewage Disposal System

As Built Plans & Specifications

Date JULY 10, 2014 JESSIC PLACFIC 3 BDRM HOME

System Location (Indicate correct number and street)

Address 10680 W. ROCA RD (no rural route) City CRETE NE, Zip 68333

A. Building Sewer

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

B. Septic Tank

1. Material: PLASTIC
   Number of compartments: 1 EA 2 TANKS
2. Capacity: 2 - 1060 GAL 2000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☒ above ☐ below grade 2 in.
5. Inlet: ☐ baffle ☒ tee
6. Outlet: ☐ baffle ☒ tee
7. Depth to top of tank, below unfinished grade: 22 in.
8. Distances to: Well or suction line 115 ft.
   Stream 300+ ft.
   Pressure line 115 ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

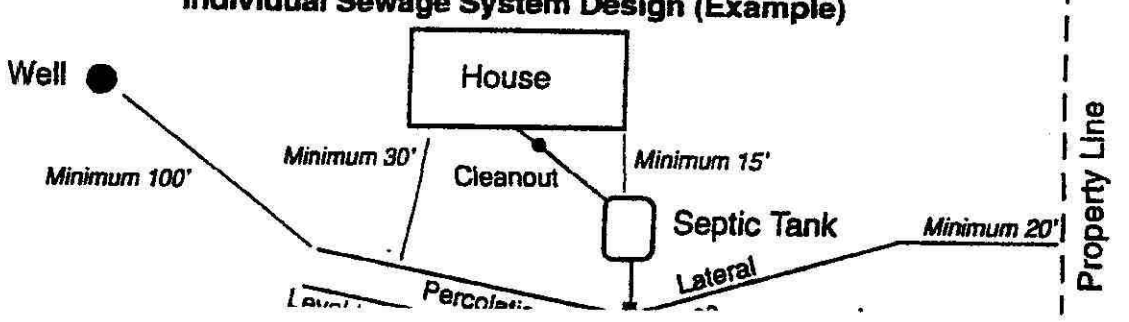
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe ☒ GRAVELLE CHAMBE
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 148 ft. 132 ft.
   _____ ft. [redacted] ft., _____ ft.
3. Trench dimensions: Width _____ ft.
   Slope 60 in/100 ft.
   Average depth 30 in
4. Filter material: NATIVE SOIL
   Depth of [redacted] 30 in.
5. Distances to: Well or [redacted] 140 ft.
   [redacted] 250' ft.
   Pressure line 140 ft.
   Property line 50+ [redacted] ft.

Indicate North with Arrow

Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



NORTH

's Built Drawing