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

A

Permit Number
HS 00 1391

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 2000 N. 112th Street (no rural route) City Lincoln, NE Zip

Legal Description 18 10N R8E Lot II?

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

PID 23-18-400-028-000SB

B. Owner

Name Sunflower Holdings, LLC Signature

Address 9340 Duane Lane City/State/Zip Lincoln, NE 68505

Home Phone 402-467-4469 Work Phone

C. Certified Installer

Name: Signature

Address City/State/Zip

Work Phone

D. Engineer

❑ **Check and complete if engineer designed system** P.E. License Number: E-7588

Designer Name Dan Rosenthal Firm REGA Eng Group, Inc Work Phone 402-484-7342

E. This system will serve a

❑ Residential Dwelling Number of Bedrooms n/a Whirlpool Bathtub? ❑ Yes ❑ No Total Acres 32.58

Garbage Grinder? ❑ Yes ❑ No

☒ Commercial Establishment/Other Facility Specify Animal Clinic Design flow in gallons per day 650

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 2-16-17 Amount Paid $395.00
Received By SB Cash/Check No. 9171

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

Form A Updated: 1/13

REGA
ENGINEERING
GROUP, INC.

Mr. Mark Bauer, P.E.
Onsite Wastewater/Operation Certification
Nebraska Department of Environmental Quality
Suite 400, The Atrium
1200 "N" Street,
Lincoln, Nebraska 68509-8922

RE: Sanitary Sewer Lagoon
Bethany Animal Clinic, 2000 North 112th Street
Lincoln, Nebraska
REGA Project No. 161272

Dear Mr. Bauer,

Enclosed for your review and approval are three (3) full copies of the Septic Lagoon Site plans including calculations and draft Operating and Maintenance Manual for the above referenced project. We are requesting that you return two (2) sets of plans with approval stamps affixed to our office at the completion of your review. For the Sanitary Sewer Lagoon System construction we will be using the plans and Title 124 as provided for all construction.

This lagoon system is a new system which connects to new animal clinic.

Prior to construction we will notify Lancaster County and require the contractor to obtain a final inspection and final approval prior to placing the system in operation.

Please do not hesitate to call me (402-484-7342) or email (dan@regaeng.com) with any questions or comments regarding the attached.

Sincerely,

Dan Rosenthal, PE
REGA Engineering Group, Inc.

REGA
ENGINEERING GROUP, INC.

Project: Bethany Animal Hospital Lagoon. Date: 2/1/17

Design Requirements

Given: 650 gal/day from water Flow work sheet.

EVAP = Net Evap 44in/yr

Prep = Net prep 28in/yr

LV = OPERATING Depth 3-ft.

Seepage Rate = 1/8"/day.

$$\frac{(650)(976)}{(((44-28)\times 1.67)+3+(.125\times 608))}$$

$$\Rightarrow \quad \frac{634,400}{105.72} \Rightarrow 6000.75\ SF$$

$$= \sqrt{6000.75} = 77.46' \times 77.46'$$

call 78' x 78'

AT MAX Water Surface

PROFESSIONAL CIVIL ENGINEER
DANIEL J. ROSENTHAL
E-7988
2-1-17
STATE OF NEBRASKA

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. HS001391

System Type: Lagoon

Situs: 2000 N 112 ST, RURAL, NE

Issued: 3/13/2017

Expires: 3/13/2018

Description: S18, T10, R8, 6th Principal Meridian, LOT 1 SE

Owner: SUNFLOWER HOLDINGS LLC
9340 DUANE LN
LINCOLN, NE 68505

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

REGA ENGINEERING GROUP
LINCOLN, NE 68512