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

A

Permit Number
HSD01520

Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

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

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 5500 South Coddington Ave City Lincoln, NE Zip 68523
(no rural route)

Legal Description SE 9 T9N R6E Potters Pocket 1
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID _____ *Approx. Address (If to be determined) _____

B. Owner

Name Bruce Bailey Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone 402 430 6329

C. Certified Installer

Name: Cody Price Signature _____

Address 225 W 62nd City/State/Zip Elmwood NE 68349

Work Phone 402 658 2084

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number: _____

Designer Name Jeremy Williams Firm Olsson Associates Work Phone 402 4410 4156

E. This system will serve a

☐ Residential Dwelling Number of Bedrooms _____ Whirlpool Bathtub? ☐ Yes ☐ No Total Acres _____
Garbage Grinder? ☐ Yes ☐ No

☒ Commercial Establishment/Other Facility Specify Emerald Care Design flow in gallons per day _____

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

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 _____ Amount Paid _____
Received By _____ Cash/Check No. _____

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

NEBRASKA

Good Life. Great Environment.

DEPT. OF ENVIRONMENTAL QUALITY

COPY

Pete Ricketts, Governor

JUL 11 2017

Marsha Stork
1609 N Street
Lincoln, NE 68508

RE: Construction Permit No. **17OWT020**
Onsite Wastewater Treatment System - Lagoon
SW ¼, SE ¼, S09 – T09N – R06E, Lancaster County

NDEQ ID: **33727**
Program ID: **17OWT020**

Dear Ms. Stork:

Construction shall be as described in the approved documents. It is your responsibility to make sure the facility is built as approved and all regulatory requirements met. We strongly recommend that you meet with your engineer and installer prior to construction to review the approved plans and specifications. If any modifications are necessary, Title 124 requires that you obtain written approval from the Department before changes are made to the system design.

An operating permit is required for use of this onsite system. After the system has been constructed, your Installer must properly register the system (submit completed form and fees) and your engineer must submit the construction completion card to the Department. A permit checklist, system registration form for a Title 124 permit system, and Engineer's notification of construction completion form have been enclosed to assist you with this process. Additionally, copies have been sent to your engineer. Once the system registration has been submitted by your Installer and the notification of construction completion submitted by your Engineer, the Department will evaluate for compliance and issue an operating permit if all regulatory requirements have been met.

Documents describing the above-referenced project have been approved and stamped accordingly. Pursuant to Neb. Rev. Stat. Sec. §81-1506(2)(Reissue 1987) and the requirements found in Nebraska Administrative Code Title 124, a permit for construction (enclosed) is hereby granted. This construction permit expires one year from the date of issuance. You may request renewal (subject to any changes in regulations and Department approval) prior to expiration.

Three sets of documents were submitted as part of the Title 124 permit application. One set of documents has been retained for the public record. The remaining documents are being returned to the submitting engineer for distribution.



Compliance with minimum sanitary engineering design criteria was the only consideration in the review of this project. Items such as quality of material, electrical and mechanical design features and structural soundness, were not considered unless specifically noted in the review comments. This approval does not release you, the owner, from your responsibility to provide an operable facility.

Local zoning, siting or building code requirements are separate from and in addition to the requirements found in the Nebraska Administrative Code administered by the Department. Please continue to work with local officials to ensure any local requirements are met.

If you have any questions please contact Mark Bauer in the NDEQ Onsite Unit at mark.bauer@nebraska.gov or (402) 471-8283.

Sincerely,

Shelley Schneider

Shelley Schneider
Water Permits Division Administrator

Enclosures: Owner Checklist, Permit Registration, and Engineer Construction Completion

SS/MB
Cc: Jeremy Williams, Design Associates of Lincoln, 1609 N Street, Lincoln, NE 68508
Nate Hartman, Lincoln-Lancaster County Health Dept., 3140 N Street, Lincoln, NE 68510

Nebraska Department of Environmental Quality

Construction Permit No. 17OWT020

is hereby issued to

Marsha Stork

for the

1,225 Gal/Day Onsite Wastewater Treatment System Lagoon

Description:

The system shall consist of one existing and one new 1,500 gallon septic tanks in series, discharging to a compacted clay liner lagoon, with side dimensions of 45' x 185' at the 5-foot maximum water surface elevation. The minimum water surface area at the 5-foot operating depth in the lagoon is 8,315 square feet. Fencing and signage around the lagoon shall be as per the approved plans.

located at

5500 South Coddington Avenue, Lincoln, NE
SW ¼, SE ¼, S09 – T09N – R06E, Lancaster County

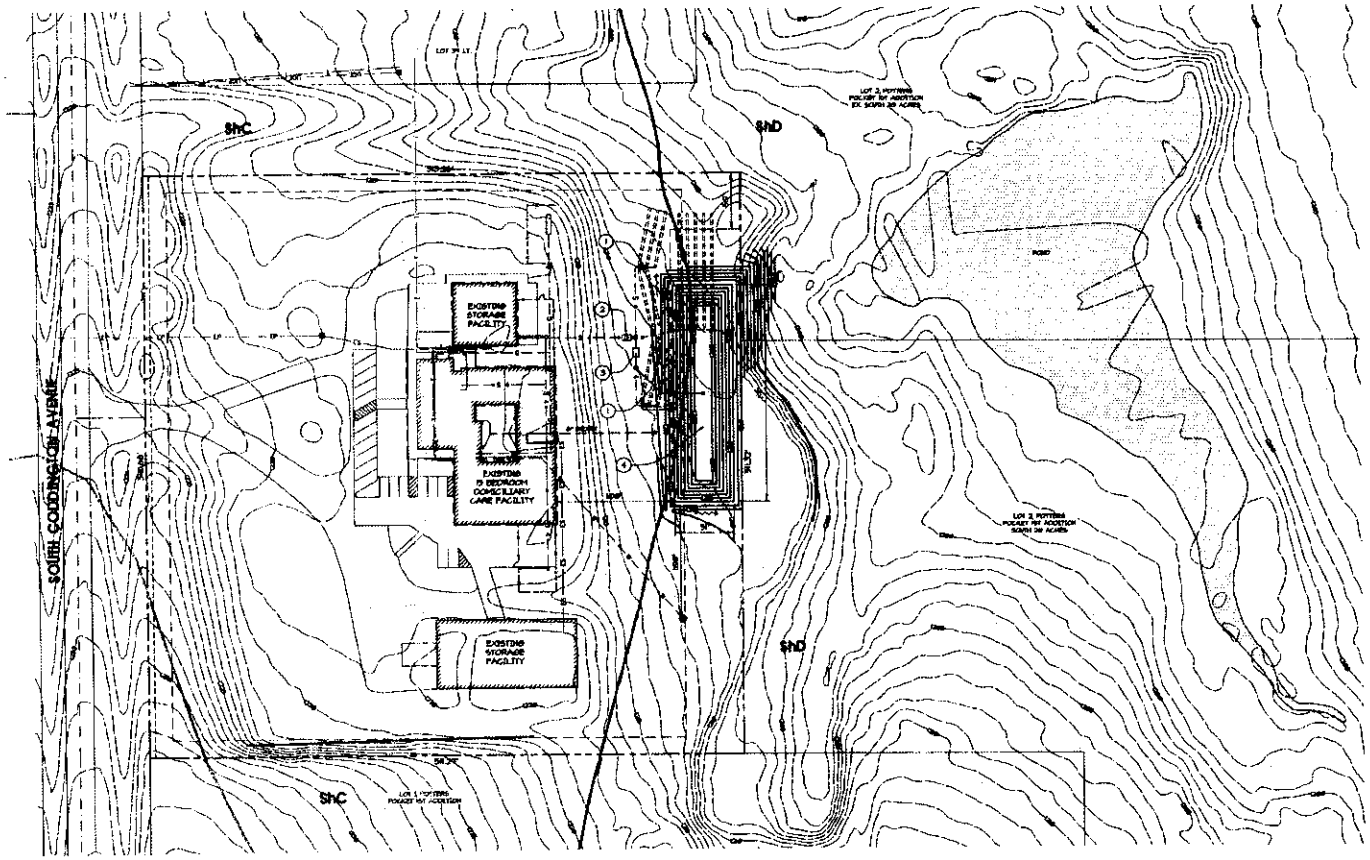
Pursuant to a Delegation Memorandum dated August 22, 2016, and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed 7/10/17

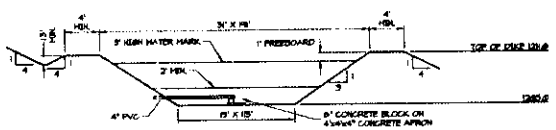
Shelley Schneider

Shelley Schneider, Water Permits Division Administrator

Suite 400, The Atrium, 1200 "N" Street, P. O. Box 98922, Lincoln, Nebraska, 68509-8922
Phone (402) 471-2186, Fax (402) 471-2909



SITE PLAN
SCALE: 1" = 50'



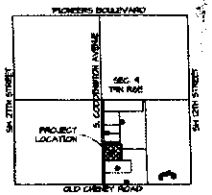
PROPOSED LAGOON
NOT TO SCALE

CONSTRUCTION NOTES

1. ABANDON EXISTING LATERALS, REMOVE AS REQUIRED FOR LAGOON CONSTRUCTION
2. EXISTING 1,000 GALLON SEPTIC TANK TO REMAIN AS SETTLING TANK
3. PROPOSED 1,000 GALLON SEPTIC TANK
4. PROPOSED LAGOON, SEE SECTION DETAIL

DIAL BEFORE YOU DIG

DIAL BEFORE YOU DIG. CALL 1-800-331-5666 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION, AND CITY UTILITIES.



VICINITY MAP
NOT TO SCALE

LEGAL DESCRIPTION:

LOT 1, POTTERS POCKET
APPROXIMATELY 6.08 ACRES
SE 1/4 SEC. 4 7N R6E

SOIL TYPE:

SHARPSBURG SILTY CLAY LOAM
(SHC & SHD)

ADDRESS:

9588 SOUTH CODDINGTON AVENUE

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO TITLE 124 - NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY, RULES AND REGULATIONS FOR THE DESIGN, OPERATIONS AND MAINTENANCE OF WASTEWATER ON-SITE WASTEWATER TREATMENT SYSTEMS.

2. ALL DISTRIBUTION LINES SHALL BE 4" PVC, SCHEDULE 40 AND SHALL HAVE A GRADE OF NOT LESS THAN 1/8" PER FOOT. ALL LINES SHALL BE EQUIPPED WITH CLEAN-OUTS WITH TEMP FITTING CAPS, AT EVERY SEVENTY-FIVE FEET OR LESS, OR WHERE ANGLES GREATER THAN 45 DEGREES ARE ENCOUNTERED. A CLEAN-OUT SHALL ALSO BE LOCATED AT LEAST 1 FOOT ABOVE THE HIGHEST WATER LEVEL AND NEAR THE OUTSIDE OF THE DIKE EMBANKMENT. THE INLET LINE SHALL BE LAID AT ZERO GRADE OR THE BOTTOM OF THE CELL AND SHALL BE ANCHORED IN PLACE (E.G. CONCRETE BLOCKS WITH TIE-DOWNS AT THE JOINTS). THE INLET LINE SHALL DISCHARGE ON TO A CONCRETE APRON AT LEAST 4 FEET SQUARE.

3. THE LAGOON SHALL BE EQUIPPED WITH A DEPTH GAUGE THAT CONSISTS OF A MARKED CONCRETE SLAB LAID ON AND PUSH INTO THE DIKE SLOPE. THE SLAB SHALL BE SUFFICIENTLY DEEP AND SECURED TO RESIST MOVEMENT OR DISPLACEMENT, AND CONSTRUCTED TO RESIST BREAKAGE. PERMANENT MARKERS AND FRACTIONAL DEPTH MARKINGS SHALL BE INSET ON THE SLAB TO INDICATE DEPTH.

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5. THE LAGOON SHALL BE PRE-FILLED TO THE MINIMUM OPERATING DEPTH OF 2' PRIOR TO ANY WASTEWATER BEING DISCHARGED TO THE LAGOON.

Pollution Control Project
17 ONT 020
APPROVED
DATE 2-6-20

RECEIVED

26 APR 2017

JEREMY WILLIAMS
E-10521
STATE OF NEBRASKA

EMERALD CARE
ONSITE WASTEWATER TREATMENT SYSTEM
LINCOLN, NEBRASKA

1" = 50'
SITE PLAN

C-1

2017 06 35517

Nate C. Hartman

From: Jeremy Williams <jeremy.williams@daoflincoln.com>
Sent: Wednesday, December 27, 2017 9:41 AM
To: Nate C. Hartman
Subject: 5500 S Coddington
Attachments: NDEQ Submittal.pdf

Nate,

Attached is the original submittal letter to the NDEQ for this project. Both the original and the new design calculations are included. Again, We will forward the revised, stamped plan as soon as we receive it back from the NDEQ.

Thanks,

Jeremy Williams, P.E.
Design Associates of Lincoln, Inc.
1609 'N' Street
Lincoln, NE 68508
O: 402-474-3000 M: 402-440-4156

SCANNED

COPY

NEBRASKA

Good Life. Great Environment.

DEPT. OF ENVIRONMENTAL QUALITY

Pete Ricketts, Governor

JUL 11 2017

Marsha Stork
1609 N Street
Lincoln, NE 68508

RE: Construction Permit No. **17OWT020**
Onsite Wastewater Treatment System - Lagoon
SW ¼, SE ¼, S09 – T09N – R06E, Lancaster County

NDEQ ID: **33727**
Program ID: **17OWT020**

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20170048671

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If you have any questions please contact Mark Bauer in the NDEQ Onsite Unit at mark.bauer@nebraska.gov or (402) 471-8283.

Sincerely,

Shelley Schneider

Shelley Schneider
Water Permits Division Administrator

Enclosures: Owner Checklist, Permit Registration, and Engineer Construction Completion

SS/MB
Cc: Jeremy Williams, Design Associates of Lincoln, 1609 N Street, Lincoln, NE 68508
Nate Hartman, Lincoln-Lancaster County Health Dept., 3140 N Street, Lincoln, NE 68510

SCANNED

Nebraska Department of Environmental Quality

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located at

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SW ¼, SE ¼, S09 – T09N – R06E, Lancaster County

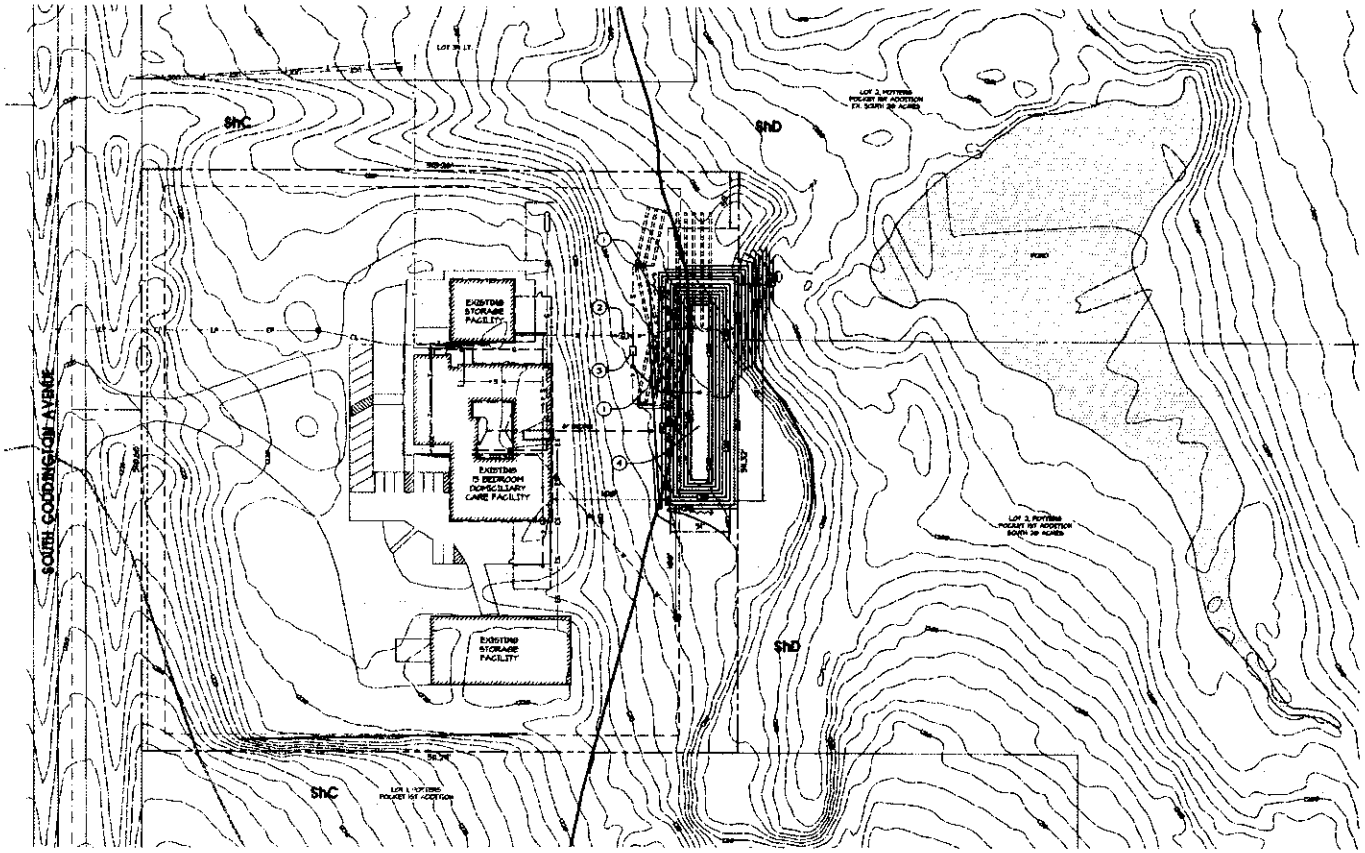
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Shelley Schneider

Shelley Schneider, Water Permits Division Administrator

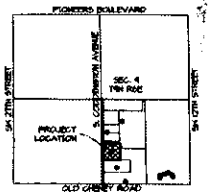
Suite 400, The Atrium, 1200 "N" Street, P. O. Box 98922, Lincoln, Nebraska, 68509-8922
Phone (402) 471-2186, Fax (402) 471-2909



SITE PLAN
SCALE: 1" = 50'

DIAL BEFORE YOU DIG

DIAL BEFORE YOU DIG. CALL 1-800-331-5666 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION, AND CITY UTILITIES.



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NOT TO SCALE

LEGAL DESCRIPTION:

LOT 1, POTTERS POCKET APPROXIMATELY 6.91 ACRES SE 1/4 SEC. 4 7RN R6E

SOIL TYPE:

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ADDRESS:

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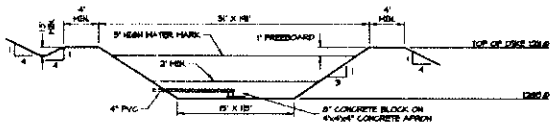
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CONSTRUCTION NOTES

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2. EXISTING 1500 GALLON SEPTIC TANK TO REMAIN AS SETTLING TANK
3. PROPOSED 1500 GALLON SEPTIC TANK
4. PROPOSED LAGOON, SEE SECTION DETAIL



PROPOSED LAGOON
NOT TO SCALE

Pollution Control Project
17 OUT 020
APPROVED
7-6-20

RECEIVED

26 APR 2017

JEREMY J. WILLIAMS
E-10621

EMERALD CARE
ONSITE WASTEWATER TREATMENT SYSTEM
LINCOLN, NEBRASKA

27030A
SITE PLAN

C-1

PITTMAN, BUCHER, SEIFERT, THOMAS & HOEVER, P.C.
1248 "O" STREET, SUITE 600, LINCOLN, NEBRASKA 68508
PHONE (402) 476-1000 FAX (402) 476-7465

35567

Design Associates
of Lincoln, Inc.
ARCHITECTS • PLANNERS • ENGINEERS

April 26, 2017

Mark Bauer
Nebraska Department of Environmental Quality
Onsite Unit, Wastewater Section, Water Quality Division
Suite 400, The Atrium, 1200 'N' Street
Lincoln, NE

Re: Onsite Wastewater Treatment System
5500 South Coddington Avenue
Lincoln, NE 68523

Lot 1, Potters Pocket
SE 1/4 Sec. 9, T9N, R6E
Lincoln, Lancaster County, Nebraska

Mr. Bauer:

Enclosed please find three sets of plans for an On-site Wastewater Treatment System (OWTS) for the above referenced establishment. Also included is a permit application form and check for review fee. These documents are provide as a an application for a construction/operating permit on behalf of the following property owner:

Marsha E Stork

The property is approximately 6.01 acres in size and includes a 15 bedroom domiciliary care facility. The original OWTS was constructed along with a single family dwelling in 1998. In 2005 the dwelling was converted into an domiciliary care facility with an addition to the dwelling. The size of the existing OWTS was deemed adequate in size and no modifications were made at that time. In 2010 the original laterals began to fail and an additional 500 lf of laterals were added to the original 500 lf. This year these laterals began to fail as well.

We propose that a new lagoon be incorporated into the system, replacing the failing laterals. The existing 1,500 septic tank will remain as a settling tank. They have had an ongoing problem with wipes and rubber gloves being flushed into the system. An effluent filter was also added to this tank when modifications were made in 2010. We also propose the addition of a second 1,500 gallon tank to be installed in series with the existing one, then discharging into the proposed lagoon.

PERSHING SQUARE 1609 'N' STREET LINCOLN, NEBRASKA 68508
Phone: (402) 474-3000 www.DAofLincoln.com Fax: (402) 474-4045

Two details to note about the lagoon sizing calculations, first is the use of a seepage rate of 1/16 in/day. The second is the reduction of the design life from 20 to 10 years. This was utilized to reduce the area required as setbacks limit the available placement of a lagoon. We will provide standard setbacks from the existing well, foundation and property line to the north. We request a deviation for the setback from the property line to the east. The two adjacent properties include a pond in the near vicinity and this area is not likely to be developed in any near future.

There are additional wells registered in the vicinity of the proposed lagoon. Apart from the well on the property, the next closest well to the proposed lagoon is approximately 450 feet to the south (G-142161). The locations of the wells registered within the SE 1/4 of the section are indicated on the vicinity map located on the construction plan.

A conversation has been ongoing with the owner of the northern portion of Lot 2, Potters Pocket 1st addition about the current situation and proposed modifications. The proposed plans are also in the process of being presented to the owner of the southern portion (20 acrea) of Lot 1, Potters Pocket 1st Addition.

Please advise if there are any questions or if we can provide any additional information that will assist in the review of this permit application.

Sincerely,

Jeremy Williams, P.E.
For the firm

Onsite Wastewater Treatment System Application for Construction/Operating Permit

Nebraska DEQ

For NDEQ Use Only	NDEQ ID:	Program ID:

Print or Type

Marsha E Stork
Owner/Authorized Representative First Name | Initial | Last Name

Business or Legal Entity Name (if applicable)

1609 'N' Street | Lincoln | NE 68508
Owner Address | City | State | Zip

Phone Number 402-570-1044 Email marsha@theindependencehouses.com

☐ Check here if authorized representative and include a description of the representative's authority to sign on behalf of the owner.

Professional Engineer, Master Installer or Registered Environmental Health Specialist

Print or Type

Jeremy J Williams | NE E-10521
First Name | Initial | Last Name | Certification/License Number

Design Associates of Lincoln, Inc.
Company Name

1609 'N' Street | Lincoln | NE | 68508
Mailing Address | City | State | Zip

Phone Number 402-474-3000 Email jeremy@DAofLincoln.com

Location *Legal description* OR *Geographical coordinates to 4 decimal points*

SW SE 9 9N 6E Lancaster / _____ _____
¼ ¼ Section Township Range County | Latitude | Longitude

5500 South Coddington Avenue Lincoln, NE 68523
Physical address if different than owner's mailing address

System Information

☐ Dwelling-Peak single day flow _____ gals **OR** ☒ Non-dwelling-Peak single day flow 1,225 gals

☐ Domestic Wastewater ☒ Non-Domestic Wastewater -Description of non-domestic wastewater sources (i.e. restaurant, laundry, butcher shop, camper dump station or other) laundry, wipes, gloves

☐ New System ☒ Modification, reconstruction or alteration of existing system

☐ Septic System ☐ Mound ☐ Holding tank ☒ Lagoon ☐ Other (if other, describe here) _____

Depth to seasonal high groundwater for planned location of the soil absorption system >6 ft. (typical)

Percolation rate 60 min/inch Maximum ground slope 5 %

I swear or affirm that the application information and documentation submitted are true, complete and accurate.

Marsha Edeen Stork
Owner/Authorized Representative Signature

4/27/17
Date

NOTICE: Failure to complete the form or include the appropriate fee(s) will delay the application. NDEQ issued construction permit is required prior to any construction.

Version 5-2012

Individual or Sole Proprietor
United States Citizenship Attestation Form

For the purpose of complying with Neb. Rev. Stat. §4-108 through 4-114, I attest as follows:

☒ I am a citizen of the United States.

-OR-

☐ I am a qualified alien under the federal Immigration and Nationality Act. My immigration status and alien number are as follows:

_____.

I agree to provide a copy of my USCIS documentation upon request.

I hereby attest that my response and the information provided on this form and any related application for public benefits are true, complete, and accurate, and I understand that this information may be used to verify my lawful presence in the United States.

PRINT NAME Marsha Eileen Stork
(first, middle, last)

SIGNATURE Marsha E. Ileen Stork

DATE 4/27/17

Revised 08/18/2014

OWTS	Emerald Care III	4/26/17

Original Design Flow → 15 beds × 65 gal/bed/day = 975 gpd

Additional Flow (Laundering) → 6 loads × 100 gal/load × 3 days / 7
= 250 gpd

New Design Flow = 975 + 250 = 1,225 gpd

Lagoon: $A = \frac{I \times 488}{(EVAP - PREC) \times 1.67 + LV + (SEEP \times 608)}$

* 10 year design life
I = design flow = 1,225 gpd
EVAP = net evaporation = 44.5 in/yr
PREC = net precipitation = 26 in/yr
LV = operating depth = 3 ft
SEEP = seepage rate = 1/16 in/day

$A = \frac{1,225 \times 488}{(44.5 - 26) \times 1.67 + 3 + (1/16 \times 608)}$

= 8,315 sf

proposed size @ 5' depth → 45' × 185' = 8,325 sf

PROFESSIONAL CIVIL ENGINEER
JEREMY A. WILLIAMS
E-10521
STATE OF NEBRASKA
4/26/17

TOPS 35502

Existing Conditions:

- 5 bedroom dwelling with whirlpool tub
- perc rate → 42 min/in
- 1500-gal septic tank (3 compartment)
- laterals: 10 @ 3' x 50' x (18" to 24") deep (4" perforated pipe w/ gravel)
  => 1500 sf

Proposed Conditions:

- Assisted Living Facility with 15 beds
- design flow → 65 gal/bed/day (per State of Wisconsin)
  => 15 beds x (65 gal/bed/day) = 975 gal/day
- "establishment" tank capacity = 1.5 x design flow
  = 1.5 x 975 = 1463 => 1500 gal
- "establishment" lateral area = $\frac{\text{design flow}}{5/\sqrt{\text{perc}}}$
  = 975/(5/√42) = 1264 sf

9/8/05 = 975/(5/√60)
= 1510 sf

* Need to perform a perc test. If rate is < 60 min/in, then no additional laterals are required.

Nate C. Hartman

From: Jeremy Williams <jeremy.williams@daoflincoln.com>
Sent: Friday, December 15, 2017 10:20 AM
To: Nate C. Hartman
Subject: 5500 South Coddington

Nate,

The contractor that they have lined up for the construction of the lagoon construction at 5500 South Coddington is Cody Price with Nebraska Digging Services, his number is 402-658-2084. As soon as we receive an OK from Mark Bauer we will provide you an acknowledgement of encroachment from Sam Sampson for the latest lagoon layout. Sorry for the delays in this one but it has been one hurdle after another.

Thanks,

Jeremy Williams, P.E.
Design Associates of Lincoln, Inc.
1609 'N' Street
Lincoln, NE 68508
O: 402-474-3000 M: 402-440-4156

Nate C. Hartman

From: Bauer, Mark <mark.bauer@nebraska.gov>
Sent: Friday, December 15, 2017 1:26 PM
To: Jeremy Williams
Cc: Nate C. Hartman
Subject: Permit 17owt020 - 5500 South Coddington

Jeremy:

The revised lagoon design that you show on the new site plan appears to be acceptable. Remember, the 50-foot setback requirement in Title 124 to adjacent property lines is from the 5-foot deep high water level on the inside of the berm. This may help to reach the needed setback distance.

One question: is the surface area of the revised lagoon layout based on the same design parameters as the previously approved lagoon? I just want to make sure that we are still using an equivalent size.

If this revised design is acceptable to the owner, adjacent property owner, and LLCHD, please forward to us 3 copies of the revised plans, so we can modify the Construction Permit – 17owt020. Thank you.

Mark Bauer, P.E.
ONSITE WASTEWATER / OPERATOR CERTIFICATION

Nebraska Department of Environmental Quality
1200 N Street, Suite 400
P.O. Box 98922
Lincoln, NE 68509-8922

DIRECT: **402-471-8283** / MAIN OFFICE: **402-471-2186**
EMAIL: mark.bauer@nebraska.gov

From: Jeremy Williams [mailto:jeremy.williams@daoflincoln.com]
Sent: Friday, December 15, 2017 10:17 AM
To: Bauer, Mark <mark.bauer@nebraska.gov>
Cc: 'Nate C. Hartman' <nhartman@lincoln.ne.gov>
Subject: 17OWT020

Mark,

Attached is another modified plan for the lagoon at 5500 South Coddington Avenue. After failing to get both neighbors to agree to wither an easement or an acknowledgement of encroachment into the setback we have modified the location of the lagoon. The new location puts us in a position to deal with the one neighbor that has been corporative. Please confirm again if the proposed modifications are acceptable. Both the owner and the Health Department would like to get this system resolved ASAP.

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Jeremy Williams, P.E.
Design Associates of Lincoln, Inc.
1609 'N' Street
Lincoln, NE 68508
O: 402-474-3000 M: 402-440-4156

Nate C. Hartman

From: Jeremy Williams <jeremy.williams@daoflincoln.com>
Sent: Friday, December 15, 2017 1:43 PM
To: 'Bauer, Mark'
Cc: Nate C. Hartman
Subject: RE: Permit 17owt020 - 5500 South Coddington

Mark,

The dimension on the plan is to the inside top of dike, so the high water mark encroaches into the setback to the property lines to the north and east. With this location we have a 50 setback to the garage building but there is also a significant grade change to the west of the lagoon. It didn't make any sense to push the lagoon into the existing bank, requiring a wall, to increase the setback.

The surface area does meet the same parameters of previous approval. In fact, we have increased the area to almost 9,000 sf. The design area is 8,315 sf. This was done to account for having to locate the swale that will drain to the south up the hill due to downstream grades at the property line.

We will be providing LLCHD an acknowledgement of encroachment from the adjacent property owner.

I will have three copies delivered to your office this afternoon.

Thanks,

Jeremy

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Sent: Friday, December 15, 2017 1:26 PM
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EMAIL: mark.bauer@nebraska.gov

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To: Bauer, Mark <mark.bauer@nebraska.gov>
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Subject: 17OWT020

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Thanks,

Jeremy Williams, P.E.
Design Associates of Lincoln, Inc.
1609 'N' Street
Lincoln, NE 68508
O: 402-474-3000 M: 402-440-4156

Nate C. Hartman

From: Jeremy Williams <jeremy.williams@daoflincoln.com>
Sent: Tuesday, December 26, 2017 5:27 PM
To: Nate C. Hartman
Subject: RE: 5500 South Coddington
Attachments: Walt's Acres - acknowledgement of encroachment.pdf

Nate,

Attached is a completely signed document for the acknowledgement of encroachment for 5500 S Coddington. Weather permitting, are they OK to proceed with construction?

Thanks,

Jeremy

From: Nate C. Hartman [mailto:nhartman@lincoln.ne.gov]
Sent: Thursday, December 21, 2017 10:46 AM
To: Jeremy Williams <jeremy.williams@daoflincoln.com>
Subject: Re: 5500 South Coddington

That is correct.
Thanks!

Sent from my Verizon, Samsung Galaxy smartphone

-------- Original message --------
From: Jeremy Williams <jeremy.williams@daoflincoln.com>
Date: 12/21/17 9:48 AM (GMT-06:00)
To: "Nate C. Hartman" <nhartman@lincoln.ne.gov>
Subject: RE: 5500 South Coddington

Nate,

To clarify, are you asking for our client's signature to be included on the document?

Jeremy

From: Nate C. Hartman [mailto:nhartman@lincoln.ne.gov]
Sent: Wednesday, December 20, 2017 2:04 PM
To: 'Jeremy Williams' <jeremy.williams@daoflincoln.com>
Subject: RE: 5500 South Coddington

Yes. Thank you. Didn't recognize the business name. Cody is a certified contractor in Lancaster County.

Also, I understand the situation. I am asking for a COMPLETELY signed copy of the encroachment agreement,-meaning, I would like a copy of the actual document that you plan to file with the register of deeds that contains all parties signatures.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
Water Quality Section
Lincoln-Lancaster County Health Department
(402) 441-8643 Fax (402) 441-3890

From: Jeremy Williams [mailto:jeremy.williams@daoflincoln.com]
Sent: Wednesday, December 20, 2017 1:48 PM
To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Subject: RE: 5500 South Coddington

Nate,

Again, the contractor that they have lined up is Cody Price with Nebraska Digging Services, his number is 402-658-2084. The agreement from Sam Sampson is the only agreement that we have for this latest layout. His property is the only adjacent property to the latest proposed lagoon. His parcel of land has a strip that goes out to Coddington Avenue so he is also the adjacent property to the north of ours.

Thanks,

Jeremy

From: Nate C. Hartman [mailto:nhartman@lincoln.ne.gov]
Sent: Wednesday, December 20, 2017 1:25 PM
To: 'Jeremy Williams' <jeremy.williams@daoflincoln.com>
Subject: RE: 5500 South Coddington

Jeremy:

I will need to know who the certified contractor is that will be onsite during the project. I would also like a copy of the final signed agreement with all parties (I am not worried about the notary block).

Let me know if you have any additional questions.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
Water Quality Section
Lincoln-Lancaster County Health Department
(402) 441-8643 Fax (402) 441-3890

From: Jeremy Williams [mailto:jeremy.williams@daoflincoln.com]
Sent: Wednesday, December 20, 2017 12:40 PM

To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Subject: 5500 South Coddington

Nate,

Attached is the acknowledgement of encroachment that Sam Sampson signed for the proposed lagoon at 5500 South Coddington. Hard copies of the plan were delivered to Mark Bauer last Friday. We will forward you stamped approved plans as soon as we receive them back. Do you need anything else from us before Nebraska Digging Services can proceed with construction?

Thanks,

Jeremy Williams, P.E.
Design Associates of Lincoln, Inc.
1609 'N' Street
Lincoln, NE 68508
O: 402-474-3000 M: 402-440-4156

CONFIDENTIALITY NOTICE: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.

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DECLARATION OF ACKNOWLEDGEMENT OF ENCROACHMENT

This Declaration of Acknowledgement of Encroachment (the "Declaration") is made as of December 26, 2017 by WALT'S ACRES LLC, A Nebraska Limited Liability Company (the "Declarant") and MARSHA E. STORK of Lincoln, Lancaster County, Nebraska ("Stork").

Whereas, Declarant is the owner of the following described real estate ("Property"):

> Potters Pocket 1ST Addition, Lot 2, Ex 20.0 +/- AC in S (Described in Inst. #07-16482), located in the Southwest Quarter of Section 9, Township 9 North, Range 6 East of the 6th P.M., Lincoln, Lancaster County, Nebraska.

Whereas, Stork is the owner of the following described real estate ("Adjacent Property"):

> Potters Pocket, Lot 1 located in the Southwest Quarter of Section 9, Township 9 North, Range 6 East of the 6th P.M., Lincoln, Lancaster County, Nebraska.

With this Declaration, the Declarant Acknowledges that Stork proposes the construction of an Onsite Wastewater Treatment System (Lagoon) that will be located within the prescribed setback of 50' from the common property line between the Declarant's Property and Stork's Adjacent Property. The setback distance that is proposed is 7' from the common property line.

This instrument shall inure to the benefit of and be binding and obligatory upon the heirs, executors, administrators and assigns of the respective parties.

In witness whereof, the undersigned party has caused this instrument to be signed effective as of the date first above written.

Sam Sampson

STATE OF Nebraska)
) ss:
COUNTY OF Lancaster)

The foregoing instrument was acknowledged before ne this 26 day of December, 2017, by Sam Sampson, sole member of WALT'S ACRES LLC.

(SEAL)

RALPH B HAEN
General Notary - State of Nebraska
My Commission Expires Dec 20, 2019

Ralph B Haen
Notary Public

Marsha E. Stork

STATE OF Nebraska)
) ss:
COUNTY OF Lancaste)

The foregoing instrument was acknowledged before ne this 26 day of December, 2017, by Marsha Stork.

(SEAL)

RALPH B HAEN
General Notary - State of Nebraska
My Commission Expires Dec 20, 2019

Ralph B Haen
Notary Public

Nate C. Hartman

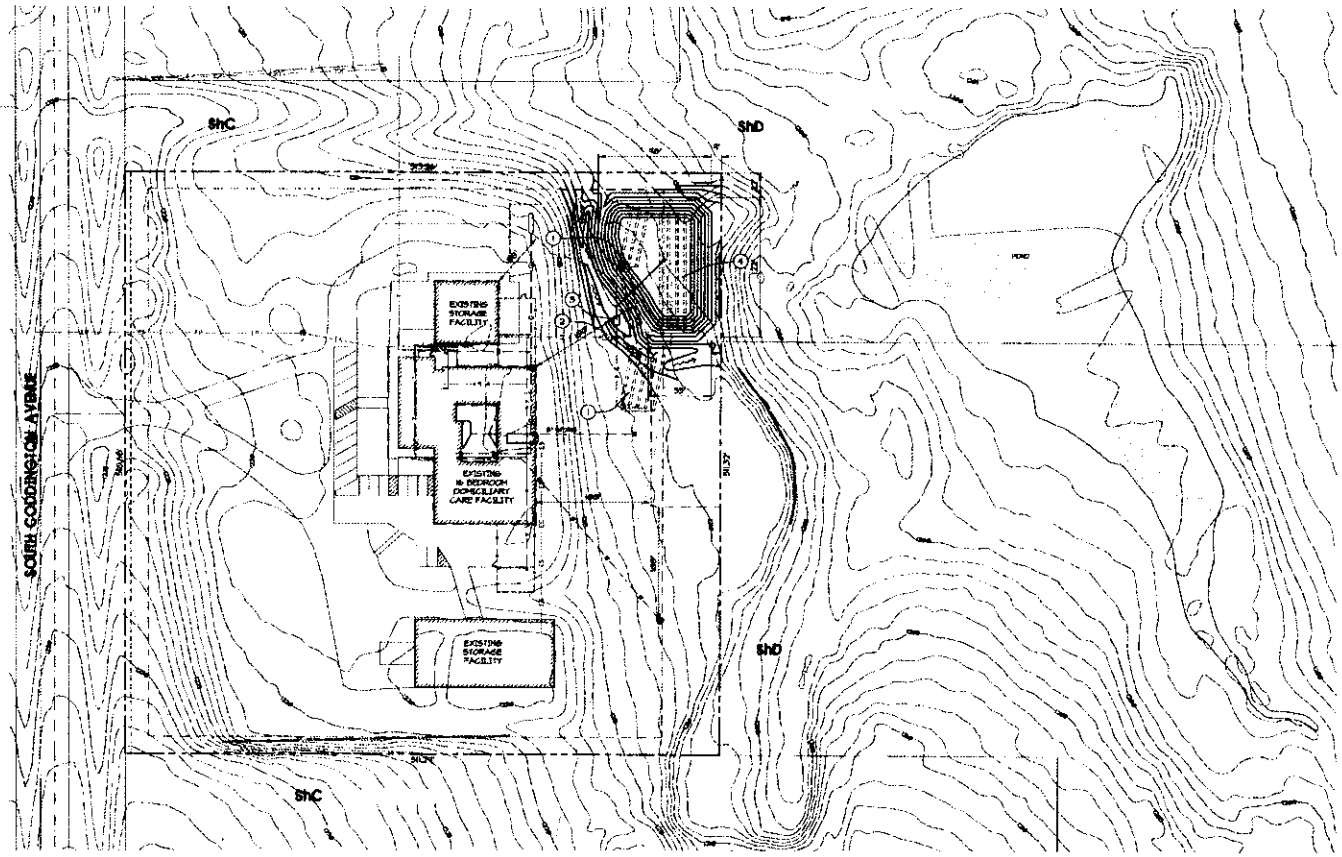
From: Jeremy Williams <jeremy.williams@daoflincoln.com>
Sent: Friday, December 15, 2017 10:17 AM
To: 'Bauer, Mark'
Cc: Nate C. Hartman
Subject: 17OWT020
Attachments: ECIII OWTS.pdf

Mark,

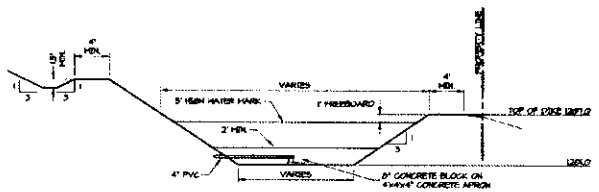
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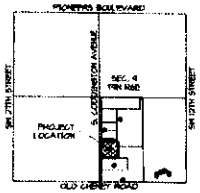
SITE PLAN
SCALE: 1" = 50'



PROPOSED LAGOON
NOT TO SCALE

DIAL BEFORE YOU DIG

DIAL BEFORE YOU DIG. CALL 1-800-331-5666 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION, AND CITY UTILITIES.



VICINITY MAP
NOT TO SCALE

LEGAL DESCRIPTION:

LOT 1, POTTERS POCKET
APPROXIMATELY 6.69 ACRES
SE 1/4 SEC. 4 T9N R6E

SOIL TYPE:

SHARPSBURG SILTY CLAY LOAM
(HSG B SOIL)

ADDRESS:

9588 SOUTH GOODINGTON AVENUE

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO TITLE 124 - NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY, RULES AND REGULATIONS FOR THE DESIGN, OPERATIONS AND MAINTENANCE OF WASTEWATER ON-SITE WASTEWATER TREATMENT SYSTEMS.

2. ALL DISTRIBUTION LINES SHALL BE 4" PVC, SCHEDULE 40 AND SHALL HAVE A GRADE OF NOT LESS THAN 1/8" PER FOOT. ALL LINES SHALL BE EQUIPPED WITH CLEAN-OUTS WITH TIGHT FITTING CAPS, AT EVERY SEVENTY FIVE FEET OR LESS, OR WHERE ANGLES GREATER THAN 45 DEGREES ARE ENCOUNTERED. A CLEAN-OUT SHALL ALSO BE LOCATED AT LEAST 1 FOOT ABOVE THE HIGHEST WATER LEVEL AND NEAR THE OUTSIDE OF THE DIKE EMBANKMENT. THE INLET LINE SHALL BE LAID AT ZERO GRADE ON THE BOTTOM OF THE CELL AND SHALL BE ANCHORED IN PLACE (E.G. CONCRETE BLOCKS WITH TIE-DOWNS AT THE JOINTS). THE INLET LINE SHALL DISCHARGE ON TO A CONCRETE APRON AT LEAST 4 FEET SQUARE.

3. THE LAGOON SHALL BE EQUIPPED WITH A DEPTH GAUGE THAT CONSISTS OF A HARRISON CONCRETE SLAB LAID ON AND FLUSH WITH THE DIKE SLOPE. THE SLAB SHALL BE SUFFICIENTLY DEEP AND SECURED TO ASSURE MOVEMENT OR DISPLACEMENT, AND CONSTRUCTED TO RESIST BREAKAGE. PERMANENT MARKING AND FRACTIONAL DEPTH MARKINGS SHALL BE INSET ON THE SLAB TO INDICATE DEPTH.

4. THE LAGOON SHALL BE ENCLOSED WITH A MINIMUM 42 INCH HIGH WOVEN WIRE, WELDED WIRE, OR SEVEN STRAND BARBED WIRE FENCE EQUIPPED WITH A MINIMUM 10 FOOT LOCKABLE ACCESS GATE. THE FENCE SHALL BE PLACED ON THE OUTSIDE EDGE OF THE TOP OF THE DIKE OR FOUR FEET OUTSIDE THE TOE OF THE DIKE. WARNING SIGNS SHALL BE POSTED ON THE FENCE AND ON ALL FOUR SIDES OF THE LAGOON. THE SIGNS SHALL BE AT LEAST 12 INCHES BY 24 INCHES IN SIZE AND SHALL CLEARLY DISPLAY "NO TRESPASSING - WASTEWATER LAGOON" OR SIMILAR LANGUAGE.

5. THE LAGOON SHALL BE PRE-FILLED TO THE MINIMUM OPERATING DEPTH OF 2' PRIOR TO ANY WASTEWATER BEING DISCHARGED TO THE LAGOON.

CONSTRUCTION NOTES

1. ABANDON EXISTING LATERALS, REMOVE AS REQUIRED FOR LAGOON CONSTRUCTION
2. EXISTING 1,500 GALLON SEPTIC TANK TO REMAIN AS SETTLING TANK
3. PROPOSED 1,500 GALLON SEPTIC TANK
4. PROPOSED LAGOON, SEE SECTION DETAIL

26 APR 2017
26 OCT 11
14 DEC 11

EMERALD CARE
ONSITE WASTEWATER TREATMENT SYSTEM
LINCOLN, NEBRASKA

Design Associates of Lincoln, Inc.
ARCHITECTS • ENGINEERS • PLANNERS
1526 "K" STREET, LINCOLN, NEBRASKA 68508

210308

SITE PLAN

C-1

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

A

Permit Number
HSD01520

Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

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

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 5500 South Coddington Ave (no rural route) City Lincoln, NE Zip 68523

Legal Description SE 9 T9N R6E Potters Pocket 1
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID _____ *Approx. Address (If to be determined) _____

B. Owner

Name Bruce Bailey Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone 402 430 6329

C. Certified Installer

Name: Cody Price Signature _____

Address 225 W 6th City/State/Zip Elmwood NE 68349

Work Phone 402 658 2084

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number: _____

Designer Name Jeremy Williams Firm Design Associates Work Phone 402 440 4166

E. This system will serve a

☐ Residential Dwelling Number of Bedrooms _____ Whirlpool Bathtub? ☐ Yes ☐ No Total Acres _____
Garbage Grinder? ☐ Yes ☐ No

☒ Commercial Establishment/Other Facility Specify Emerald Care Design flow in gallons per day _____

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits Construction visits by NH prior to Final
Comments 5/16: fence installed. DS.
Date rec'd 1/3/18
Date frwd 1/3/18
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 Doug Ahrens
Date 5/21/18

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

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

Form A Updated: 4/15