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. HS000613

System Type: STANDARD

Situs: 5230 N 148 ST

Legal Description: T10N-R08E-S03-3-Lot 17-20

Owner: MULDOON, RANDALL J & DOREEN L
5410 UNION HILL RD1203
LINCOLN NE
68516

Permit Fee:	$345.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$345.00
Issued:	05/29/2012
Expires:	05/29/2013

Judith A Halstead

Judith A. Halstead, MS, 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.

Judith A Halstead

Judith A. Halstead, MS
Health Director

SOUTHWICK SEWER
PO BOX 191
HICKMAN NE 68372

LLCHD HS000613

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

A

Permit Number HS000613

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 5230 N 148 (no rural route) City LINCOLN, NE Zip 68527

Legal Description SW 3 10N 8E Prairie Home 3 17-20

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

Geographical Location (if known): Lat/Long: _____ PID _____

B. Owner

Name Randall Muldoon Signature _____

Address 5410 union Hill 1203 City/State/Zip Lincoln, Ne 68516

Home Phone _____ Work Phone _____

C. Certified Installer

Name: Brad Southwick Signature Brad Southwick

Address P.O. 191 105 Locust St. City/State/Zip Hickman, Ne 68372

Work Phone 430-7606

D. Engineer

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

Designer Name _____ Firm _____ Work Phone _____

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 2 Is there a Whirlpool Bathtub? ☐ Yes ☒ No Total Acres _____

☐ 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 Date rec'd _____ **ACTION** ☐ Approved ☐ Disapproved
Site visits _____ Date frwd _____ Signature _____

2. Supt. Bldg. Insp. or Village Clerk Date rec'd _____ **ACTION** ☐ Approved ☐ Disapproved
Comments _____ Date frwd _____ Signature _____

3. City or County Engineer Date rec'd _____ **ACTION** ☐ Approved ☐ Disapproved
Comments _____ Date frwd _____ Signature _____

Installation Final Written Approval
By _____
Date _____

Business Office Use Only
Date Received 5-15-12 Amount Paid 345.00
Received By BM Cash/Check No. 1369

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

Form A Updated: 5/10

5-15-2012 14:37:17

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 5230 N 148 (no rural route) City LINCOLN NE, Zip 68527

Owner Randall Muldon Addresss

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

Date of Tests 10/21 to 10/22/11 Weather: Precipitation — Temperature 50

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	36	10/21	8/30	10/22	12/00	10/22	4/00	13 1/2	10/22	4/10	10	3/4	13 MIN
2			AM		PM		PM	23 1/4		PM		1	10
3								22 1/4				5/8	16
4								25				3/4	13
5								24 3/8				1 1/8	8
6								21 1/2				7/8	12
7								19 7/8				5/8	16

Person Conducting Percolation Tests

Name: Brad Southard

Phone: 430-7606

Address P.O. 191 105 Locust

Hickman, Ne 68372

Sum of Percolation Rates: 68

Average of Rates: 13

Rate Used for Calculation: 20

2 Bdrm

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

UTILITY PERMIT NO. 1064

LANCASTER COUNTY
555 SOUTH 10TH STREET
LINCOLN, NEBRASKA 68508

Application to Construct Utilities
on County Property

DATE: 5/10/12

Application is hereby made to LANCASTER COUNTY by:

NAME: Brad Southwick PHONE: 430-7606

ADDRESS: P.O. 191 105 Locust St.
Hickman, Ne 68372

To construct a utility or utilities on County right-of-way as follows:

LEGAL DESCRIPTION: Alley way Between Lots 1-5 + Lots 17-20 Blk 3 Prairie Home in Section 3, T10N, R8E

TYPE OF UTILITY TO BE CONSTRUCTED:

Water or Irrigation	____	Pipe Size and Type	____
Sewer	X	Pipe Size and Type	4" PVC
Electric	____	Voltage	____
Natural Gas	____	Pipe Size and Type	____
Other	____		

PROPOSED METHOD OF INSTALLATION:

Open Trench	X	Width	____	Depth	3'
Continuous Bore	____	Size	____	Depth	____
Encasement Pipe	____	Size	____	Type	____

NAME AND ADDRESS OF CONTRACTOR PERFORMING THE WORK (If Applicable):

Southwick Sewer + Drain
P.O. Box 191 105 Locust St
Hickman, Ne 68372

UTILITY PERMIT REQUIREMENTS

1) The applicant shall furnish Lancaster Engineering Department (444 Cherrycreek Road, Building C, Lincoln, NE 68528) with a Certificate of Insurance in accordance with the insurance requirements contained in this permit before starting any work on County right-of-way.

2) The applicant, or his contractor, shall contact the local utility companies and request location of any buried utilities. Damage to any utilities, either on County right-of-way or adjacent to County right-of-way, shall be repaired at the expense of the applicant or his contractor.

3) Future road construction work could necessitate relocation of utilities. Those utility relocation costs shall be borne by the utility owner.

4) Areas disturbed by construction shall be restored to pre-construction condition as much as practical. This includes compaction of the backfill to a density equal to or greater than the surrounding soil, replacing road and driveway surfacing materials lost during construction, and seeding of the disturbed areas.

5) Trees in the right-of-way shall be preserved wherever possible. Trees and brush removed to facilitate construction shall be properly disposed of.

6) Paved road crossings shall be dry bored.

7) All trenches shall be backfilled the same day trench was excavated except for the portion where the work is to be continued the next day. The portion left open for work continuation shall be protected by barricades with flashing lights at night. No open trenches in the roadway will be allowed overnight.

8) All barricading, flagmen, warning signs, etc. shall conform to the current *Manual on Uniform Traffic Control Devices*.

9) No equipment shall be left unattended on public right-of-way. No trenches shall be left open after working hours. No equipment shall block traffic control devices. If necessary, flagmen shall be required.

(TO BE FILLED IN BY COUNTY PERSONNEL)

Encasement Requirements: No encasement required.

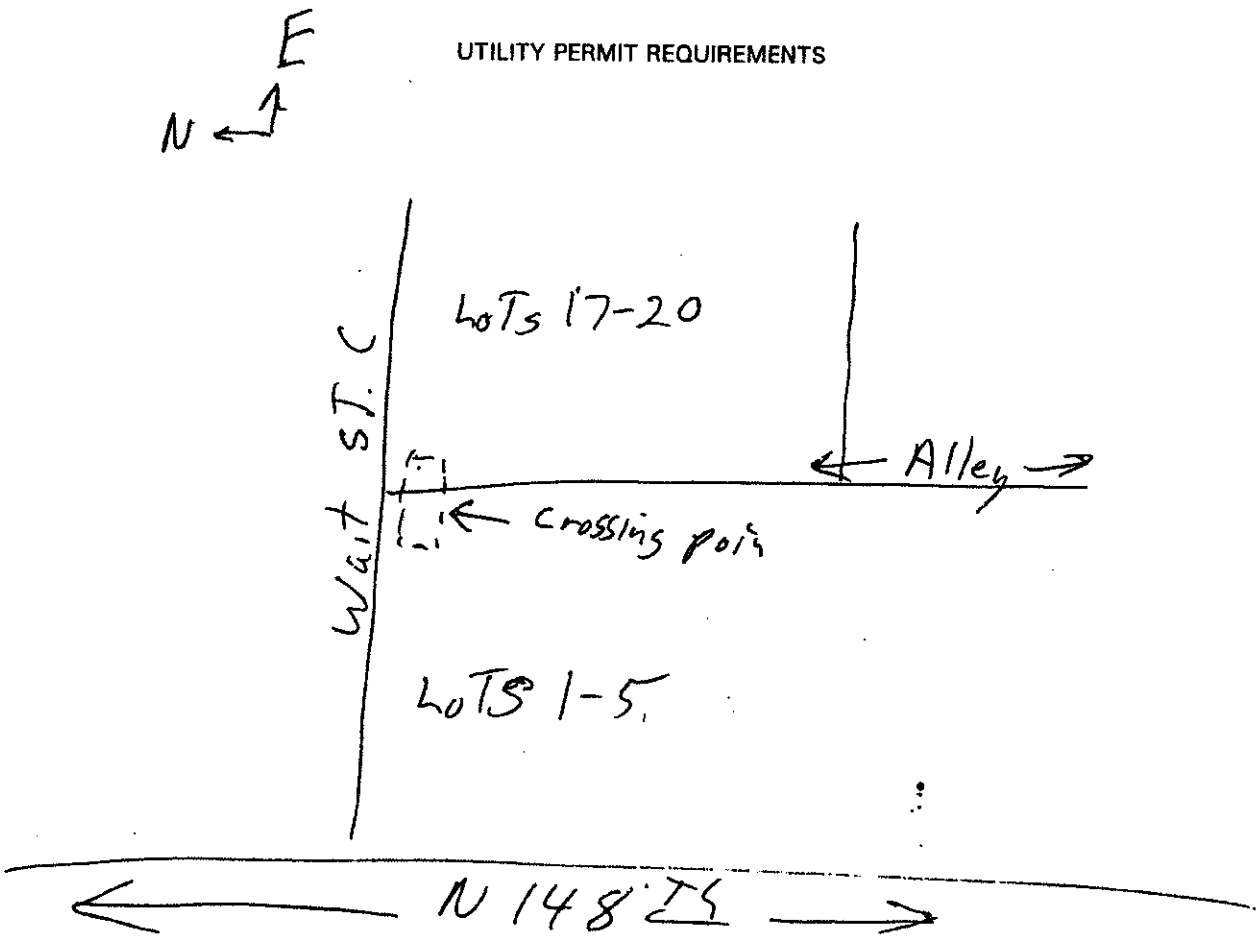
Barricade, Signing and Flagging Requirements: Provide adequate signing to warn traffic of work near roadway.

Methods of Installation: Open trench

Minimum Cover Provided in Road Ditches: n/a. area is an undeveloped alley

Other Requirements: Contractor performing the work to submit insurance certificate naming Lancaster County as additional insured prior to any activities in Public Right-of-way.

UTILITY PERMIT REQUIREMENTS



TYPICAL CROSS SECTION OF ROAD CROSSING
(Proposed by Applicant)

NOTES:

1) This type of crossing to be made at all public roads.

2) Within traveled portion of unimproved roadways, all open cut crossings to be backfilled with material excavated from trench. No sand or crushed rock backfill will be allowed. Backfill density to be equal to or greater than surrounding soil.

3) Paved road crossings shall be dry bored.

4) Roads may be closed for a maximum of 12 hours. No trench shall be left open overnight.

5) Three Type III barricades w/Type A flashing lights shall be placed on each side of construction site. "Road Closed" (R11-2) signs shall be mounted on the middle barricade on each side of the construction site. At the nearest intersection each way from crossing a "Road Closed _____ Miles ahead -- Local Traffic Only" (R11-3) sign shall be placed.

6) All pipe and encasements to conform with State Highway Standards.

I (We) agree to construct the Sewer Line (utility) in accordance with the permit requirements and the provisions included as a part of this permit.

COMPANY: Southwick Sewer & Drain

SIGNED BY: Brad Southwick

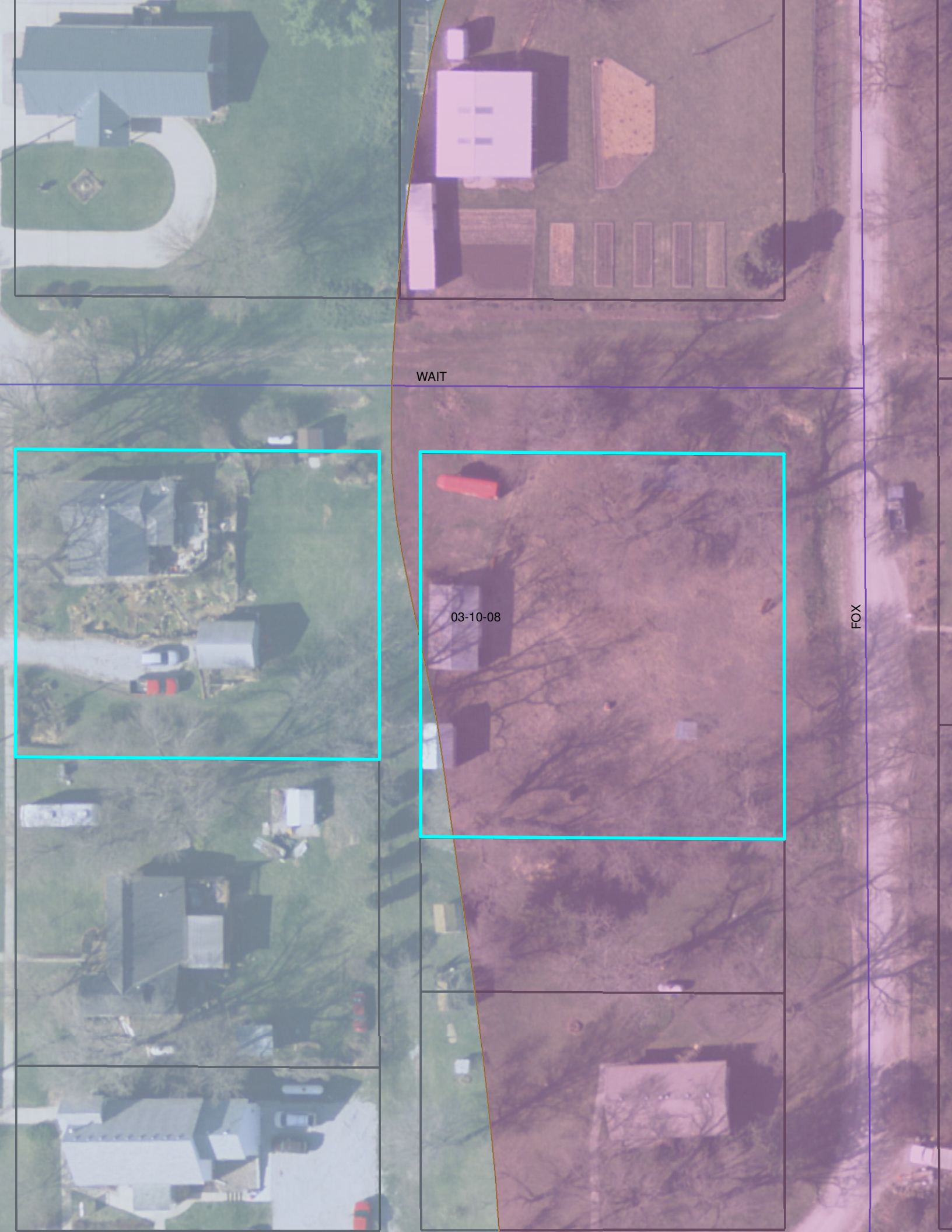
DATE: 5/14/12

EXECUTION BY LANCASTER COUNTY

The above application is hereby approved subject to the requirements and provisions of the permit.

DATE: 5-14-2012

SIGNED BY: Kenneth D. Schroeder
Lancaster County Surveyor


WAIT
03-10-08
FOX