LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

Division of Environmental Health
2200 St. Marys Ave Lincoln, NE 68502 (402) 471-8000

NON TRANSFERABLE

PERMIT
SEWAGE INSTALLATION

No. 90380012401

Issued 05/02/90
Expires 11/02/90

ESTABLISHMENT
WILLIAM BURBACH
T9N R6E SEC 16
PESTER RIDGE BLK 2 LOT 4

FEES: Permit 018754 $150.00

Total $150.00

PERMITTEE
WILLIAM BURBACH
1311 COURT ST
LINCOLN NE 68508

Issued By COUNTY HEALTH

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

DATE AMOUNT

PAID

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW

9038 00124

FORM 20103-0477
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM
City Ordinance No. 9150 ☒
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

A

FILING FEE: $ 150.00

FILE NO. _____

DATE: 11 APR 90

The undersigned hereby requests SITE CLEARANCE and PERMIT to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

1. Legal description of property: Twp. 9 NORTH ; Range 6 EAST ; Section 16 SW¼SE¼;
   Block 2 : Lot 4 : Addition PESTER RIDGE ESTATES
   Street Address 2400 PESTER RIDGE [redacted] ROAD

2. Property Use: Residential ☒ ; Commercial ☐ Other Use ☐
   No. of Bedrooms 3 . Describe _____

3. Type of Individual Sewage Disposal System: Septic Tank ☒ ; Other ☐

4. Distance to public sewer: N/A ft.

William [illegible]
Signature of Applicant (Owner or Lessee)

1311 Court St. Gordon Nb 68508
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 4/11/90. Date Frwd. 5/14/90. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk Date Rec'd. 5/4/90. Date Frwd. 5/4/90. ACTION: Approved ☒ Disapproved ☐ Signature: [illegible]

3. City or County Engineer: Date Rec'd. 5-4-90. Date Frwd. 5-4-90. ACTION: Approved ☒ Disapproved ☐ Signature: Dennis Bartels

REMARKS OR REASONS FOR DISAPPROVAL WELL PERMIT OBTAINED

Site Visits:
Date: 1/17/91 by: J. C. Hood all but 34' need riser
Date: 2/5/91 by: J. C. Hood
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 2/5/91 By: Jerrold Hood

White: Health Dept. Copy
Yellow: Engineers Copy
Pink: Bldg. Inspector's Copy

FORM 23-43

FORM 20105-0477
SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

B

Second pre-soak + then ran test

FILE NO. _____

PROPERTY WHERE SOIL TESTED: 2400 PESTER RIDGE ROAD

Location: Township 9 North, Range 6 East Section & ¼ Section 16-S.W. ¼ SEC
Property Dimensions: 275 ft. x 500 ft. Area: 3.2 acres. (Attach Sheet C with sketch of property).

Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .

Dates of Tests: 4-4-90 to 4-6-90. Weather: Precip. CLEAR Temp. 55° TO 27°

HOLES 48" X 6" DEEP DIA.

OWNER: MR & MRS. William R BURBACH JR.
Address: 1311 COURT ST. LINCOLN NE 68508

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Water Level (in.)	Time (Hr./ Day)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./in.)
1	48"	4/4	415pm	4/6	810am	4/6	810am	37	840am 4-6	37½	30 MINS	½"	
2								33⅛		33½		3/8"	
3								26½		27		½"	
4								27¾		28⅛		3/8"	
5								33¼		34		¾"	
6								31⅛		32		⅞"	
7								30½		31⅛		5/8"	
8								32¾		33⅜		5/8"	

William R Burbach Jr.
Signature of Person Conducting Test

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

Address 1311 Court St Phone 476-9046
Lincoln NE 68508 (Do not write below this line)

REVIEWING ACTION

Approved Percolation Rate (a)
A. 53 min./inch
B. _____ min./inch
C. _____ min./inch

Remarks: _____
Soil Type (SCS): Wymore Silty Clay Loam
Date: _____

_____
Signature of Reviewing Official

FORM 20105-0477
SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

B

Holes at about 4 ft deep.

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township 9 North, Range 6 East Section & ¼ Section 16 - S.W. ¼ SEC
Property Dimensions: 275 ft. x 500 ft. Area: 3.2 acres. (Attach Sheet C with sketch of property).

Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .

Dates of Tests: 4-4-90 to 4-5-90 . Weather: Precip. CLEAR Temp. 55° to 40°.

HOLES 48" DEEP / 6" DIA.
MEASURING STICK
MAYES TOOL COMP. SE 48"

OWNER: MR & MRS. William R BURBACH JR.
Address: 1311 COURT ST. LINCOLN NE 68508

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Water Level (in.)	Time (Hr./ Day)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./in.)
1	48"	4/4	415 p.m.	4/5	430 p.m.	4/5	455 p.m.	37"	525 p.m.	38"	30 min	1"	
2								32½"		33¼"		¾"	
3								26		27¼		1¼"	
4								27½"		28¼"		¾"	
5								33"		34"		1"	
6								31		32¼"		1¼"	
7								29"		30"		1"	
8	↓	↓	↓	↓	↓	↓	↓	31"	↓	32¼"	↓	1¼"	

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

W R Burbach Jr.
Signature of Person Conducting Test

Address 1311 Court St. Lincoln NE 68508 Phone 402-476-9046

(Do not write below this line)

REVIEWING ACTION

Remarks: _____
Soil Type (SCS): _____
Date: _____

Approved Percolation Rate (a)
A. _____ min./inch
B. _____ min./inch
C. _____ min./inch

_____
Signature of Reviewing Official

FORM 20105-0477
SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

B

Run at 3 ft depth. Test run in same area as 4 ft depth test, but used different holes.

FILE NO. 9-6, 16

PROPERTY WHERE SOIL TESTED:

Location: Township 9 N ; Range 6E ; Section & ¼ Section 16 SW ¼ SEC
Property Dimensions: 275 ft. x 500 ft. Area: 3.2 acres. (Attach Sheet C with sketch of property).

Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ■

Dates of Tests: 3-20-90 to 3-21-90. Weather: Precip: 0 Temp. 60°

Test Taken at 2400 Pester Ridge Road. — OWNER: Bill Burbach Jr.

Address: 1311 Court St. Lincoln, NE.
476-9046 68508

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo./Day)	Time (Hr./Min.)	Date (Mo./Day)	Time (Hr./Min.)	Date (Mo./Day)	Time (Hr./Min.)	Water Level (in.)	Time (Hr./Day)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./in.)
1	36"	3-20	6:00 pm	3-21	5:00 pm	3-21	5:00 pm	6"	6:00 pm	5 7/8"	30m	1/8"	
2	36"	3-20	6:00 pm	3-21	5:00 pm	3-21	5:00 pm	6"	6:00 pm	5 1/2"	30m	1/2"	
3	36"	3-20	6:00 pm	3-21	5:00 pm	3-21	5:00 pm	6"	6:00 pm	5 3/4"	30m	1/4"	
4	36"	3-20	6:00 pm	3-21	5:00 pm	3-21	5:00 pm	6"	6:00 pm	5 7/8"	30m	1/8"	
5	36"	3-20	6:00 pm	3-21	5:00 pm	3-21	5:00 pm	6"	6:00 pm	5 3/4"	30m	1/4"	
6	36"	3-20	6:00 pm	3-21	5:00 pm	3-21	5:00 pm	6"	6:00 pm	5 7/8"	30m	1/8"	

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

Mike Haagland
Signature of Person Conducting Test

Address 2700 Dan Ave Phone 464-0638

(Do not write below this line) Pre-Cast Step Co.

REVIEWING ACTION

Approved Percolation Rate (a)
A. _____ min./inch
B. _____ min./inch
C. _____ min./inch

Remarks: _____
Soil Type (SCS): _____
Date: _____

_____
Signature of Reviewing Official

FORM 20104-0477
PLANS & SPECIFICATIONS FOR SEWAGE DISPOSAL SYSTEM (Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

D

DATE: _____

FILE NO. _____

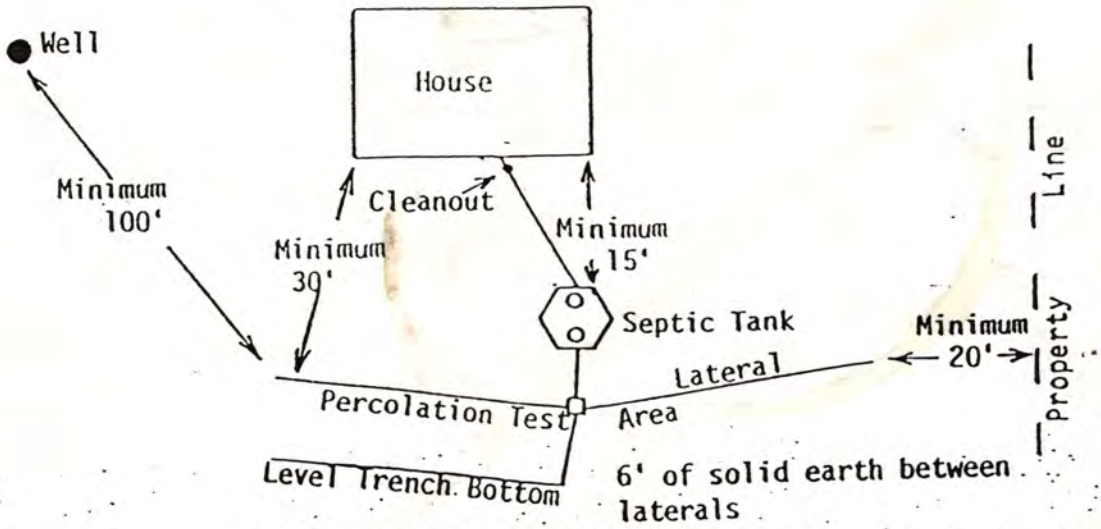
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC; Diameter 4 in.
2. Distance above basement floor ____ in., or below basement floor 12 in.
3. Distance between dwelling and septic tank 67 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 Concrete; No. of compartments 1.
2. Capacity 1000 gal gals.;
3. Factory Built: Yes ☒ No ☐ (Company Pre-cast)
4. Manholes: Over Inlet; diam. ____ in.
Over Outlet; diam. ____ in.
Riser Above ☐ Below ☐ Grade ____ in.
5. Inlet: Baffle ☒ ; or Tee ☐
6. Outlet: Baffle ☒ ; or Tee ☐
7. Depth of top of tank below finished grade 12 in.
8. Distances to:
Well or Suction Line 200 ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line 20 ft.

C. DISTRIBUTION BOX:
1. Material Concrete; Number - available outlets 5.
2. Factory Built: Yes ☒ No ☐ (Company Pre-cast)
3. Distance from Septic Tank 8 1/2 ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round ____ or Perforated Pipe ____.
Material: fiberglass ☐ ; plastic ☐ ; concrete ☒ ; other ____.
2. Lateral Lines:
Number 3 ; Length of each line 100, 100, 32, ____, ____ ft.;
Total length of laterals 232 ft.;
Distance between lateral lines ____ ft.
3. Trench dimensions: Width 4 ft.;
Slope ____ in/100 ft.; Average Depth 16 in.
4. Filter Material: Gravel
Depth of Material ____ in.
5. Distances to:
Well or Suction Line ____ ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line * ____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


N
Well
House
100 ft
35'
8 1/2'
19'
32
100 ft
80'
Property Line