LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

2200 St. Marys Ave Lincoln, NE 68502-3785 (402) 441-8000

NON TRANSFERABLE

PERMIT

Permit
SEWAGE INSTALLATION

No. 93380101201

Issued 06/18/93
Expires 12/18/93
Revenue Code 18754

Establishment
LARRY KLEAGER
T9N R7E SEC 28
BLK 5 LOT 1

FEES: $150.00

TOTAL $150.00

Permittee
LARRY KLEAGER
7431 TIFFANY RD
LINCOLN NE 68506

Issued By M. Jane Ford
Health Director

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW
"POST IN A PROMINENT PLACE"

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: June 15, 1993

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. 9N ; Range 7E ; Section 28-~~9~~;
   Block 5 : Lot 1 : Addition Kess Estates
   Street Address 5601 Kess Drive 68516

2. Property Use: Residential ☒ ; Commercial ☐ Other Use ☐
   No. of Bedrooms #3. Describe 1½ STORY

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

4. Distance to public sewer: None, Rural ft.

Signature of Applicant (Owner or Lessee)
LARRY L. Kleager
7431 Tiffany Rd
Address
Lincoln, NE 68506

(Do not write below this double line)

1. Health Department: Date Rec'd. 6/17/93. Date Frwd. 6/17/93. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Head
2. Supt. Bldg. Insp.: or Village Clerk Date Rec'd. 6/17/93. Date Frwd. 6/17/93. ACTION: Approved ☒ Disapproved ☐ Signature: Gary Spence
3. City or County Engineer: Date Rec'd. 6-17-93. Date Frwd. 6-17-93. ACTION: Approved ☒ Disapproved ☐ Signature: RD Mahan

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 11-9-93 by: P.D.
Date: 11-12-93 by: P.D
Date: _____ by: _____

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

INSTALLATION FINAL WRITTEN APPROVAL
Date: 11-15-93 By: Paul Hagemann

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

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township 9N ; Range 7E ; Section & ¼ Section 28 SE/4.
Property Dimensions: _____ ft. x _____ ft. Area: _____ acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ . SHD
Dates of Tests: 6-15 to 6-16-93 . Weather: Precip. 0 Temp. 80s.
So. 56 & Kess Dr.

OWNER: Larry Kleager
Address: 7431 Tiffany Rd. 68506

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	6/15	7:00	6/16	6:00	6/16	10:00	18	10:30	18½	30	½	
2			A		A		A	21¾	A	23		1¼	
3								23⅞		24¾		⅞	
4								17¼		18		¾	
5								17		17½		½	
6	↓							17⅛		17¾		⅝	

Sum of Percolation Rates: 4 5/8
Average of Rates: _____
Mean of Rates: _____

Brad Southwick
Signature of Person Conducting Test

Address 701 E 4 Hickman, Ne Phone 475-2462

(Do not write below this line)

REVIEWING ACTION

Remarks: _____
Soil Type (SCS): Sharpsburg Silty Clay Loam
Date: June 17, 1993

Approved Percolation Rate (a)
A. 40 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Hood
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: 11-11-93

FILE NO. _____

5601 Kess Drive

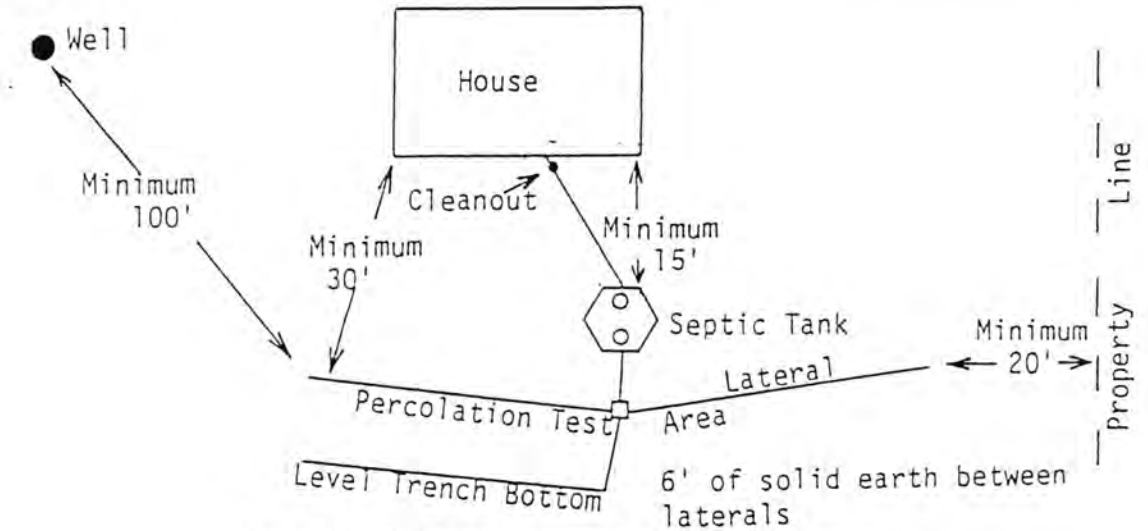
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC; Diameter 4 in.
2. Distance above basement floor _____ in., or below basement floor 36 in.
3. Distance between dwelling and septic tank 68 ft.
4. Number of clean-outs 1.
5. Distances to:
Well or Suction Line > 50 ft.;
Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

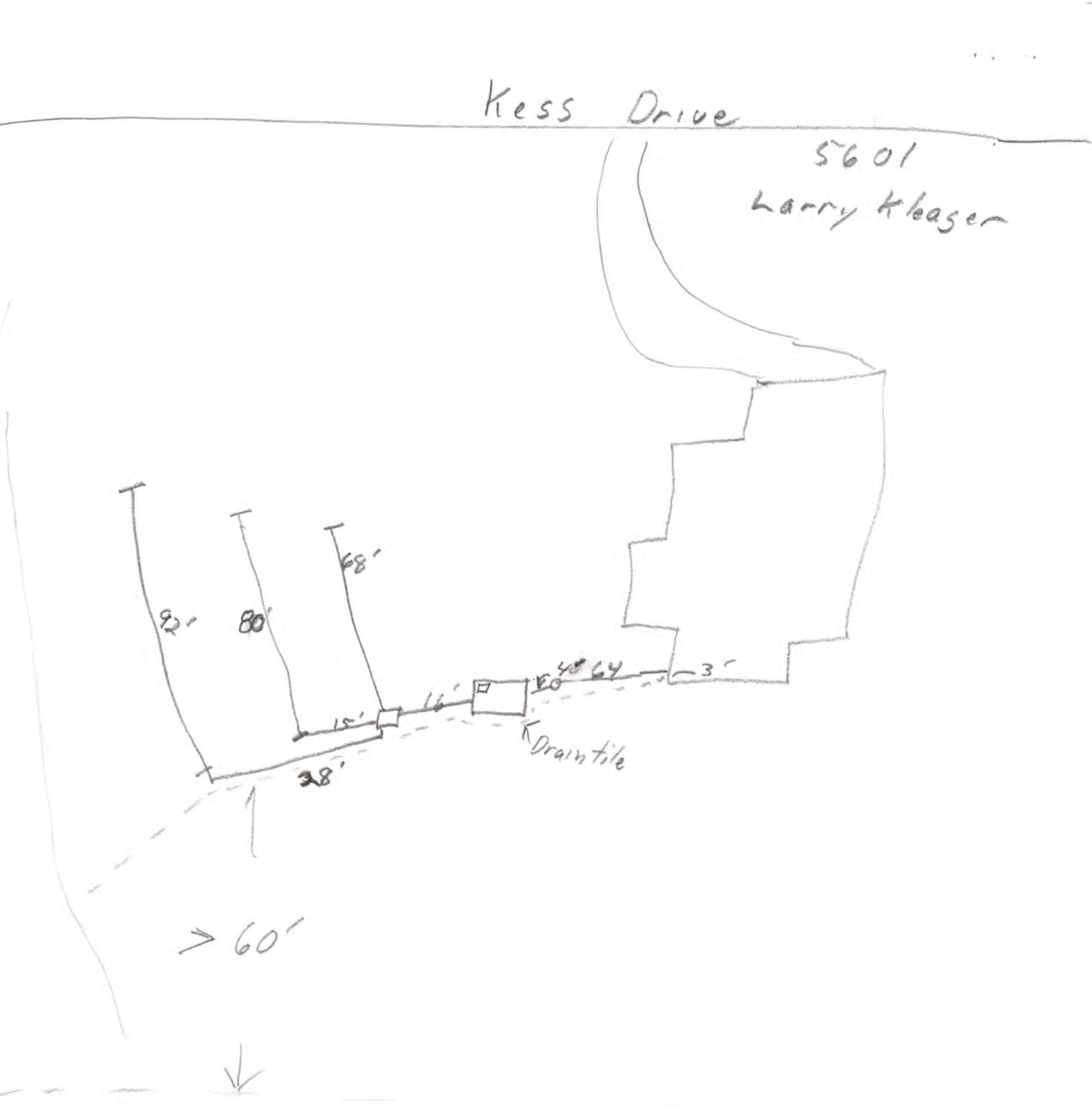
B. SEPTIC TANK:
1. Material C-Crete; No. of compartments 1.
2. Capacity 1250 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Pre Cast)
4. Manholes: Over Inlet; diam. _____ in.
Over Outlet; diam. _____ in.
Riser Above ☐ Below ☐ Grade ___ in.
5. Inlet: Baffle ☐ ; or Tee ☐
6. Outlet: Baffle ☐ ; or Tee ☐
7. Depth of top of tank below finished grade 7 in.
8. Distances to:
Well or Suction Line > 50 ft.;
Stream _____ ft.; Pressure Line _____ ft.; Property Line > 20 ft.

C. DISTRIBUTION BOX:
1. Material PVC; Number - available outlets 5.
2. Factory Built: Yes ☒ No ☐
(Company _____)
3. Distance from Septic Tank 16 ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 12" or
Perforated Pipe _____.
Material: fiberglass ☒; plastic ☐; concrete ☐; other _____.
2. Lateral Lines:
Number 3; Length of each line 92, 80, 68, _____, _____ ft.;
Total length of laterals _____ ft.;
Distance between lateral lines 12 ft.
3. Trench dimensions: Width 4-4½ ft.;
Slope 4 in/100 ft.; Average Depth 32 in.
4. Filter Material: Road Gravel
Depth of Material 16 in.
5. Distances to:
Well or Suction Line > 100 ft.;
Stream > 20 ft.; Pressure Line _____ ft.; Property Line _____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


Kess Drive
5601
Larry Kleaser
92'
80'
68'
15'
16'
40'
64'
3'
Drain tile
38'
> 60'

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

2200 St. Marys Ave Lincoln, NE 68502-3785 (402) 441-8000

NON TRANSFERABLE

PERMIT

Permit
WATER WELL

No. 93400037501

Issued 06/18/93
Expires 12/18/93
Revenue Code 19851

Establishment
LARRY KLEAGER
T9N R7E SEC 28
BLK 5 LOT 1

FEES: $75.00

TOTAL $75.00

Permittee
LARRY KLEAGER
7431 TIFFANY RD
LINCOLN NE 68506

Issued By M. Jane Ford
Health Director

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW
"POST IN A PROMINENT PLACE"

FORM: 20222-0483
REQUEST FOR SITE CLEARANCE AND PERMIT FOR INDIVIDUAL WATER WELL

LINCOLN LANCASTER COUNTY HEALTH DEPARTMENT
DIVISION OF ENVIRONMENTAL HEALTH
2200 ST. MARYS AVENUE
LINCOLN, NEBRASKA 68502
PHONE: 471-8000

FILING FEE $ 75.00

FILE NO. _____

DATE: June 15, 1993

The undersigned hereby requests: Site Clearance and Permit to construct a new individual water well ☒ ; Permit existing well ☐ ; well repair or alteration involving opening of well ☐ ; in conformance with appropriate ordinance, as described herein:

1. Legal description of property: Twp. 9N : Range 7E : Section 28-[illegible]
   Block 5 : Lot 1 : Addition Kess Estates
2. Well use: Residential ☒ ; Commerical ☐ ; Other Use ☐
   Describe 1½ STORY
3. Distance to Public Water Supply: _____ Ft.
4. Intended use of well Residential

Signature of Applicant (owner or lessee)
LARRY KLEAGER
7431 Tiffany Rd
Address
Lincoln, NE 68506

City Water Yes ☐ No ☒

Sewage Permit Applied For Yes ☒ No ☐ Not Applicable ☐

1. Health Department: Date Rec'd 6/17/93. Action: Approved ☒ Disapproved ☐
   Date Frwd. 6/17/93. Signature: Jerrold C. Hood
2. Supt. Bldg. Insp.: Date Rec'd 6/17/93. Action: Approved ☒ Disapproved ☐
   Date Frwd. 6/17/93. Signature: [illegible]
3. City or County Engineers: Date Rec'd 6-17-93. Action: Approved ☒ Disapproved ☐
   Date Frwd. 6-17-93. Signature: Mick McElvain

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 3/2/94 by J.C. Hood
Date: _____ by _____
Date: _____ by _____

Nitrate Level <0.1 PPM
Bacteriological Analysis Satisfactory
Yes ☒ No ☐

INSTALLATION FINAL WRITTEN APPROVAL
Date: 3/4/94 By: J.C. Hood

Health Department copy: White
Engineers Copy: Light Green
Building Inspectors Copy: Light Blue

FORM 23-13

488-541

FORM: 20223-0483
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 13553
FILE NO._____

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
DIVISION OF ENVIRONMENTAL HEALTH
2200 ST. MARYS AVENUE
LINCOLN NE 68502
Phone: 471-7300

DATA SHEET FOR WATER WELLS

Legal Description: Sec. 28 T. 9N R. 7E Block 5 Lot 1 Addition KESS ACRES

Owner LARRY KLEAGER Address 5601 KESS DRIVE

LOG OF WELL	
Depth Ft.	Description
0 - 5	DARK BROWN CLAY
5 - 45	YELLOW CLAY
45 - 85	YLW, RED & BLUE SHALES
85 - 90	DRK BLU SHALE
90 - 95	RED AND YELLOW SHALE
95 - 155	DARK YELLOW SANDSTONE
155 - 194	YELLOW SANDSTONE
194 - 198	SHALE
198 - 207	MED CORS SANDSTONE
207 - 218	RED & BLUE SHALE

WELL COMPLETION RECORD

Drilling Method: ROTO DRILL

Depth (from ground level), Ft. 207'
Date Completed 9-9-93

Casing: Length, Ft. 197'; Dia. In. 4"
Wall Thickness, Inc. 200# type PVC

Screen: Length, Ft. 10' Dia. In. 4"
Type PVC WOP, slot Size .025

Drop Pipe: Length, Ft. ____ Dia. In. _____

Water Level, Surface to top of water, Ft.:
Static 103', Pumping _____

Yield: 40 ggm, Measured ☒, Est. ☐

Chlorination Completed Yes ☒ XX No ☐

The above information including "Log of Well" is a true record of the job performed by me.

Driller Bill Moore (Signed)

MOSER WELL DRILLING & SER INC.
Address P.O. BOX 308
HICKMAN, NE 68372

Date 9-21-93

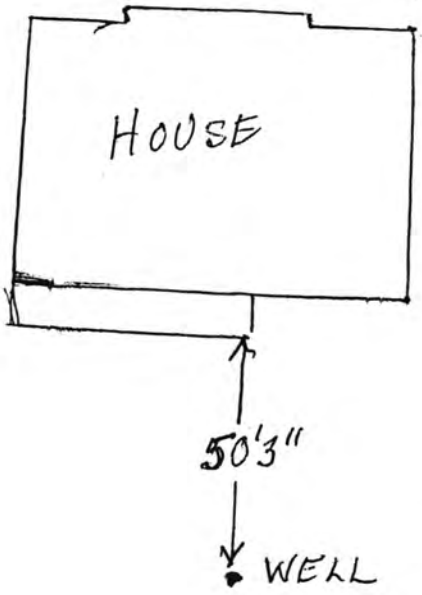
REMARKS NITRATE NITROGEN < 0.1 PPM
BACTERIOLOGICAL O.K.

DO NOT WRITE BELOW THIS DOUBLE LINE

Health Department forwarded copy of record to Nebraska Conservation and Survey Department for Scientific Record ☒

FORM 23-4





AREA OF
SEWAGE
SYSTEM