CITY OF LINCOLN NEBRASKA

DEPARTMENT OF LICENSES AND PERMITS

FILE NO. 1005

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION
TYPE OF LICENSE OR PERMIT

August 24, 1977
THIS LICENSE OR PERMIT EXPIRES

Dale D. Markel
LICENSEE OR PERMITTEE

711 North 68 Street, Lincoln, NE
ADDRESS

T11N; R5E; Section 26
NAME OF ESTABLISHMENT, IF ANY

LEGAL DESCRIPTION
ADDRESS

REMARKS: NON-TRANSFERABLE

PERMIT	INSPECTION FEE	OCCUPATION TAX	LICENSE	TOTAL
$ 30.00	$	$	$	$ 30.00

ACCOUNTING NO.	ACCOUNTING NO.	ACCOUNTING NO.	CODE
624-1535	110.16	148.14	6-2

SERIAL NO.	DATE	AMOUNT
43393	8 24 77	30.00

VALID RECEIPT ONLY IF MACHINE RECEIPTED IN THIS SPACE

APPLICATION
Health

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

FORM HD-40(73) REQUEST FOR SITE CLEARANCE 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: 475-6221)

FILE NO. 1005

TO: Division of Environmental Health
Lincoln-Lancaster County Health Dept.

DATE: Jul 22 1977

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

SEE ATTACHED

1. Legal description of property: Twp. 11N ; Range 5E ; Section 26
Block ____; Lot ____; Addition ____
Street Address ____

2. Property Use: Residential Yes ☒ ; Commercial ____ ☐
No. of Bedrooms 4 . Describe: ____
Other Use ____ ☐
Describe: ____

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

4. Distance to public sewer: ____ ft.

Dale D. Markel.
Signature of Applicant (Owner or Lessee)

711 No. 68TH ST. city.
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 2/24/77. Date Frwd. 2/24/77. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood
2. Supt. Bldg. Insp.: Date Rec'd. 2/24/77. Date Frwd. 2/24/77. ACTION: Approved ☒ Disapproved ☐ Signature: Robert Sons
3. City ~~or County~~ Engineer: Date Rec'd. 2-24-77. Date Frwd. 2-24-77. ACTION: Approved ☒ Disapproved ☐ Signature: Al Sang

REMARKS OR REASONS FOR DISAPPROVAL ____

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

FORM HD-42(73) APPLICATION FOR PERMIT TO CONSTRUCT INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 [X]
County Resolution No. 2832 [ ]

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. 1005

DATE: Feb 22, 1977.

TO: Director of Health
Lincoln-Lancaster County Health Dept.

The undersigned hereby applies for a permit to construct an Individual Sewage Disposal System in conformance with appropriate Ordinance or Resolution, as described in this application and the annexed forms attached hereto. SEE ATTACHED

1. Legal description of property: Twp. 11N ; Range 5E ; Section 26 ; Block ; Lot ; Addition .
Street Address .

2. Property Use: Residential yes [X]; Commercial [ ]
No. of Bedrooms 4 Describe:

Other Use [ ]
Describe:

3. Type of Individual Sewage Disposal System: Septic Tank [X]; Other [ ]

4. Plans and Specifications of Proposed System. (See FORM HD-45(73) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-43(73) SOIL ABSORPTION TEST DATA REPORT, attached hereto).

Dale D. Markel.
Signature of Applicant (owner) or lessee)

711 No. 68TH ST. city
Address

(Do not write below double line)

REVIEWING ACTION

1. Date Rec'd;
Filing Fee: $ 30.00

2. Site Visits:
Date: 6/4/79 by: L.C.H.
Date: 11/13/79 by: L.C.H.
Date: / / by:

3. Date: Approved [X]; Disapproved [ ] 2/24/77
by: Jerrold C. Hood

4. INSTALLATION/FINAL WRITTEN APPROVAL
Date: 11/13/79 by: Jerrold C. Hood

FORM HD-43 (73) 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 474-1541)

FILE NO. 1005

PROPERTY WHERE SOIL TESTED:
Location: Township 11N : Range 5E
Section & ¼ Sect. 26
Property Dimensions: ____ ft. x ____ ft.
Area: 6 acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay ; Silty Clay Loam X ; Sandy Loam
Silty Loam ; Clay Loam ; Sandy Clay

Owner: DALE MARKEL
Address: 711 NORTH 68TH ST.

Dates of Tests: 2/22/77 to 2/23/77. Weather: Precip. TRACE Temp. 53°

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. Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./inch)
1	30"	2/22	8:00	2/23	8:00	9:30	2/23	6	12:00	2	30	4	
2	30"	2/22	8:00	2/23	8:00	9:30	2/23	6	12:00	4½	30	1½	
3	30"	2/22	8:00	2/23	8:00	9:30	2/23	6	12:00	5	30	1	
4	30"	2/22	8:00	2/23	8:00	9:30	2/23	6	12:00	2½	30	3½	
5	30"	2/22	8:00	2/23	8:00	11:30	2/23	6	12:00	4	30	2	
6	30"	2/22	8:00	2/23	8:00	11:30	2/23	6	12:00	4	30	2	

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

Signature of Person Conducting Test
Address Dale D. Markel
Phone 466-2504

(Do not write below this line)

REVIEWING ACTION

REMARKS: 6/4/79 Seems pretty fast for type of soil noted there at time of inspection
DATE: February 24, 1977

Approved Percolation Rate (a)
A. 13 min./inch
B. ____ min./inch
C. ____ min./inch

Jerrold C. Hood
Signature of Reviewing Official

FORM HD- 45(73) PLANS & SPECIFICATIONS
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: 475-6221)

FILE NO. 1005

SPECIFICATIONS

DATE: _____

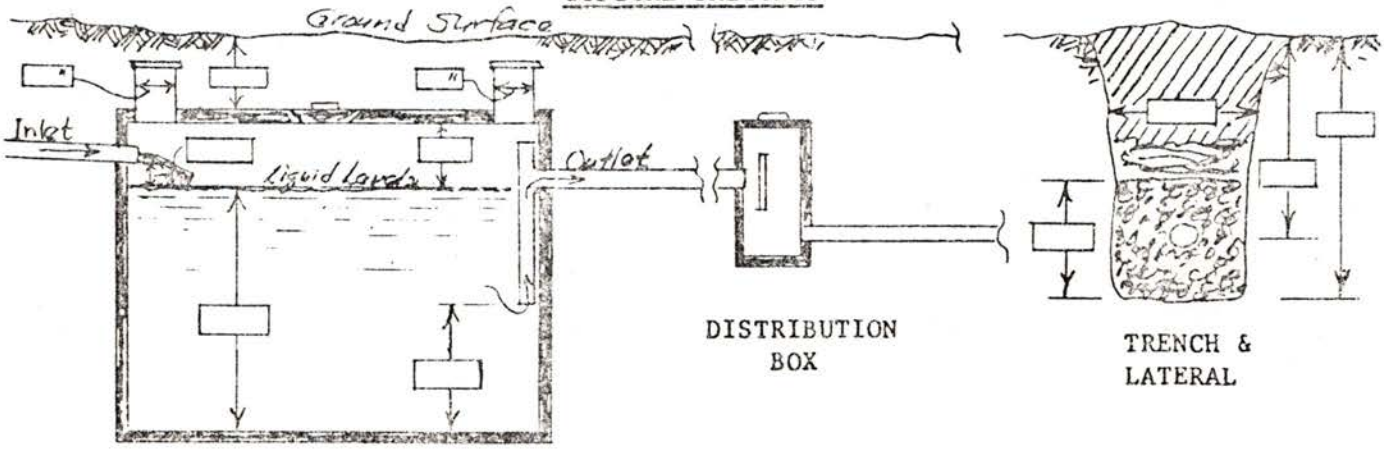
A. BUILDING SEWER:
1. Material _____; Diameter ____ in.
2. Distance above basement floor ____in.; or below basement floor ____in.
3. Distance between dwelling and septic tank ____ft.
4. Number of clean-outs _____.
5. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material _____; No. of compartments _____.
2. Capacity 1250 gals.; Liquid depth ____in.
3. Factory Built: Yes ☐ (Company _____)
No ☐
4. Manholes: Over Inlet; diam. ____in.
Over Outlet; diam. ___in.
Below Grade _____in.
5. Inlet: Baffle ☐; or Tee ☐
6. Outlet: Baffle ☐; or Tee ☐
Depth of outlet below inlet ___in.
7. Depth of top of tank below finished grade ____in.
8. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

C. DISTRIBUTION BOX
1. Material _____; No. available outlets _____.
2. Factory Built: Yes ☐, (Company _____) No ☐
3. Dimension: Length ____in.; Width ___in. Depth ____in.
4. Distance from Septic Tank ____ft.
5. Serial Distribution: Yes ☐, No ☐ (If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: _____
2. Lateral Lines: Depth below grade __in.
Number ____; Length of each line ___ft
Total length of Laterals 181 ft.;
Slope ____in/100 ft. Diameter of pipe ____ in.; Shape _____
Material: concrete ☐; fiber asbestos ☐; clay ☐; other _____
Distance between lateral lines ____ft.
3. Trench Dimensions: Depth ___in.; Width 48 in.
4. Filter Material: _____.
Depth of material from trench bottom _____in.
5. Distances To:
Well or Suction Line ____ft.;
Stream _____ft.; Pressure Line ____ft.
Property Line ____ft.
6. Percolation Rate: 13 minutes/inch

TYPICAL SKETCHES



SEPTIC TANK

DISTRIBUTION BOX

TRENCH & LATERAL

_____
Signature of Applicant

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: 474-1541

D

DATE: 6-2-79

FILE NO. Dale Morfel

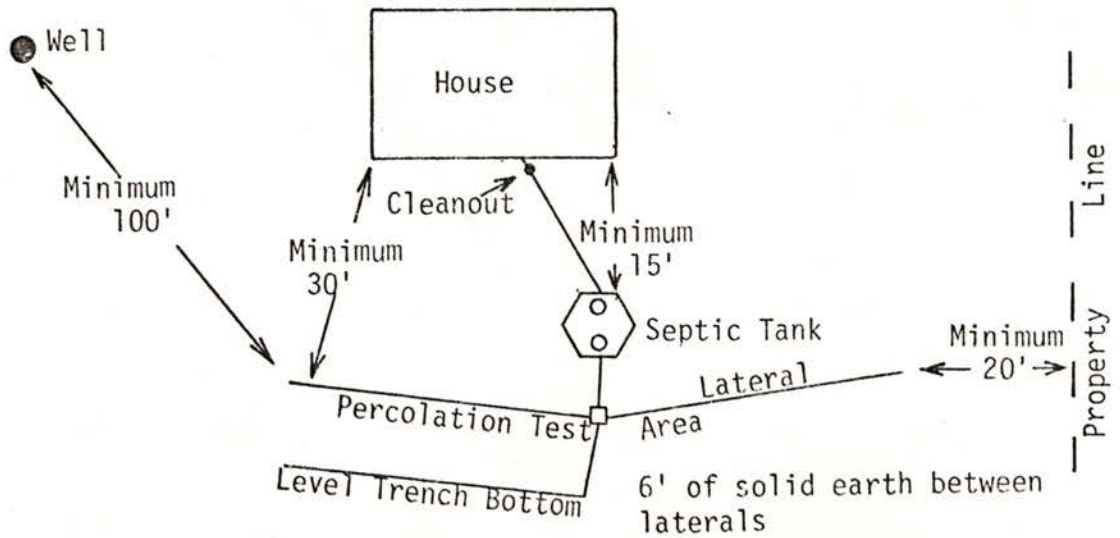
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material plastic; Diameter 4 in.
2. Distance above basement floor ____ in., or below basement floor 18 in.
3. Distance between dwelling and septic tank 101 ft.
4. Number of clean-outs 1.
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 one.
2. Capacity 1500 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Pre Cast)
4. Manholes: Over Inlet; diam. 8 in.
Over Outlet; diam. 12 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 - ft.; Stream - ft.; Pressure Line - ft.; Property Line - ft.

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

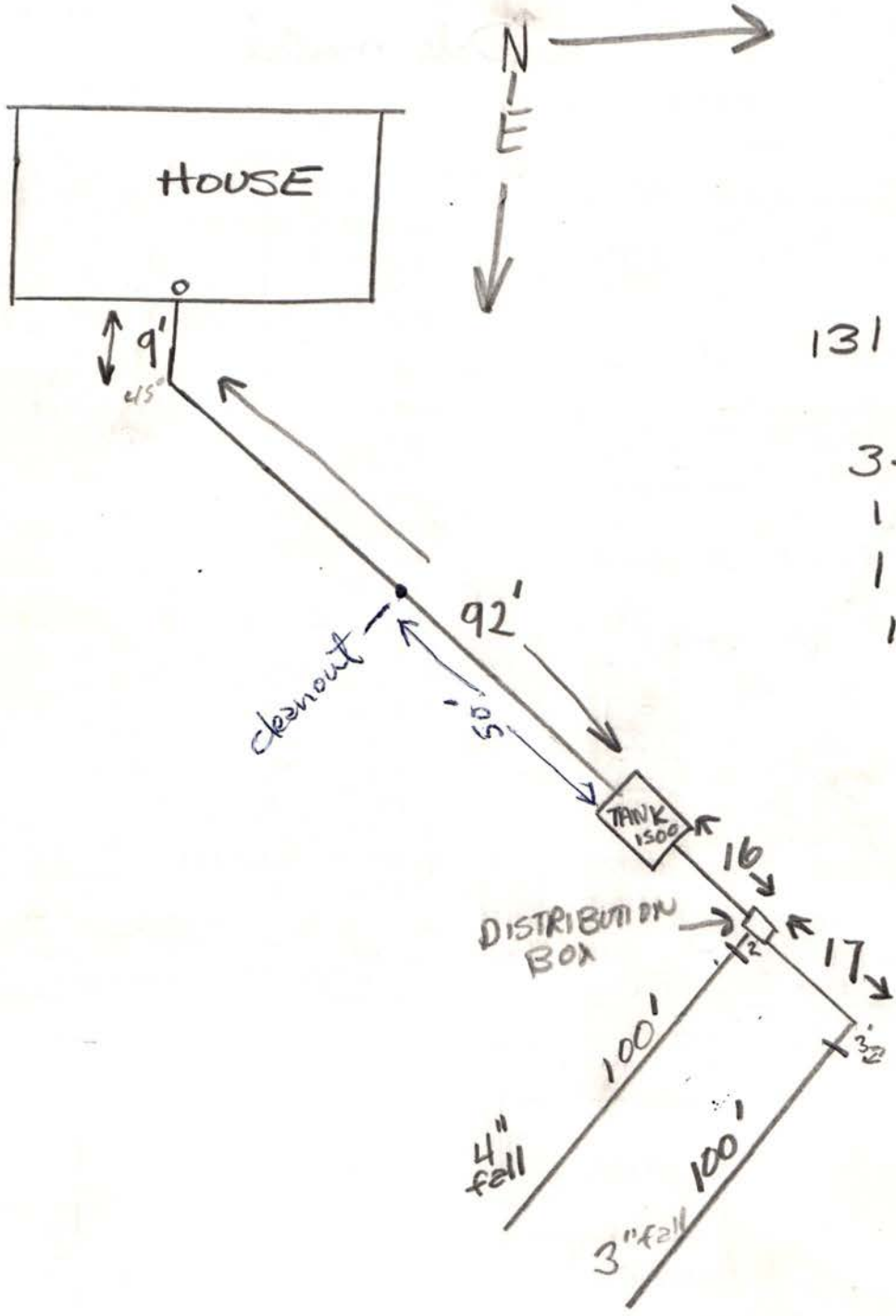
D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 24" or Perforated Pipe ____.
Material: fiberglass ☐; plastic ☐; concrete ☒; other ____.
2. Lateral Lines:
Number 2; Length of each line 100, 100, ____, ____, ____ ft.;
Total length of laterals 200 ft.;
Distance between lateral lines ____ ft.
3. Trench dimensions: Width 4 ft.;
Slope 0 in/100 ft.; Average Depth 3 in.
4. Filter Material: gravel
Depth of Material 24 in.
5. Distances to:
Well or Suction Line - ft.; Stream - ft.; Pressure Line - ft.; Property Line - ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

AS BUILT DRAWING OF SYSTEM

DATE 6-2-79 INSTALLER Strohmyer Exc.



131' plastic pipe

3-45° fittings
1-22° "
1-90° "
1 calder coupling

North 421.89' of the East 619.5' of the East ½ of NE¼ Sec. 26, T11N, R5E





LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

2200 St Marys Avenue Phone (402) 471-78

ORIGINAL LOAN APPROVAL FILE
PREVIOUS HISTORY UNKNOWN

REAL ESTATE TRANSFER / L

This form must be completed and returned to request a real estate transfer inspection.

MAKE CHECKS PAYABLE TO: Lincoln-Lancaster County Health Department.

☑ Evaluation of the Individual Water System Date: 1 14 92

☑ Evaluation of the Sewage Disposal System ☑ Enclosed is $150.00

Legal Description of Property: TWP. 11N; RANGE 5E; SECTION 26; BLOCK NE 1/4

LOT 18; ADDITION _____; Street Address 7011 W MCKELVIE MALCOLM 68402

Directions to Property 1 MILE NORTH & 1 MILE WEST OF THE INTERSECTION OF HWY 79 & 34

Location of Well SW OF HOUSE Tap Location: Inside ☐ Outside ☑

Location of Sewage System NE OF HOUSE Year Installed 81

	NAME	ADDRESS	PHONE
Present Owner:	WILLIAM SCHNEIDER	7011 W MCKELVIE MALCOLM	7962237 → 786-6300
Tenant/Buyer:	SAME		
Return to:	SAME		

NOTE: Allow two weeks for processing. Incomplete information will delay processing.

Signature of Applicant [signature] Address 7011 W MCKELVIE MALCOLM NE 68402

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HEALTH DEPARTMENT USE ONLY

Date Received JANUARY 15, 1991 Received $150.00 Check ☒ Cash ☐

PRELIMINARY STATUS--DATE 1-16-92

WATER SYSTEM:	Approved	Disapproved	SEWAGE SYSTEM:		SITE VISIT:
Construction	☒	☐	Approved:	☒	Date 1-16-92 by rm
Bacteria	☒	☐	Provisional:	☐	Date _____ by ___
Nitrate	☒ 5.2	☐	Disapproved:	☐	Date _____ by ___

Comments: Recommend checking to see if septic tank needs pumping. It was noted that wetlands vegetation was growing over the subsurface laterals, this may indicate over saturated laterals. However, there was no malfunction at the time of inspection. See Attached Letter ☐

FINAL STATUS

WATER SYSTEM:	SEWAGE DISPOSAL SYSTEM:	
Approved: ☒	Approved: ☒	Provisional Approval: ☐

APPROVED BY Ron Mayfield, RS DATE 1-23-92

Approval or disapproval is based on written standards for construction, location and water quality. Inspection is based on visible construction and operation at the time of inspection. Approval or provisional approval does not imply or express a guarantee of system operation. WELLS - Nebraska Safe Drinking Water Act,
- Standards for A Private Well in Nebraska

FG.4120 INDIVIDUAL SEWAGE SYSTEMS - County Resolution #2832

This form is to be completed and returned to the Health Department to initiate a request for loan approval.
Make Checks Payable to: Lincoln-Lancaster County Health Department

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, NE 68502
Phone: 474-1541

Enclosed is $45.00 Fee [X]

DATE: Nov. 9, 1979

The undersigned hereby requests evaluation of the following for loan approval on the below described property:

[X] Evaluation of the Individual Water Supply

[X] Evaluation of the Sewage Disposal System

Legal description of property: Twp. 11 NORTH ; Range 5 EAST of 6TH; Section 26 ;
Block — ; Lot 18 OF IRREGULAR TRACTS IN THE NORTHEAST QUARTER OF SECTION 26 ; Addition —
Street Address 7011 West Mc Kelvie Rd. Rt. 1 Malcolm
Directions on how to get to property Take hiway 34 NW Go 1 Mile west past hiway 79. Turn right. This will be NW 70th. Go 1 mile north to West McKelvie Rd.. House is on south west corner of intersection.
Location of well 30 ft southwest of house
Where is tap: Inside [X] Outside [X]

	NAME	ADDRESS	PHONE
Present Owner:	Dale D. Markel and Joan M.	711 No. 68th Lincoln	466-2506
Tenant:	None		
Lending Agency:	Commercial Federal	P.O.Box 80128 Lincoln	475-5321

(Do not write below double lines)

Health Department: Date Received 11/9/79
Received $45.00 Check [X] Cash [ ]
Site Visits: Date 11/13/79 by L.C.H.
Date ____ by ____
Date ____ by ____

Dale D. Markel
Signature of Applicant

711 No. 68TH ST. LINCOLN NE.
Address

PRELIMINARY STATUS -- DATE 11/13/79

Water System:
Approved [X] Disapproved [ ]

Sewage Disposal System:
Approved [X] Provisional Approval [ ]
Disapproved [ ]

Corrections Required or Reasons for Disapproval ____

[ ] See Attached Letter.

FINAL APPROVAL -- DATE 11/14/79

Water System [X] . Sewage Disposal System [X] . BY Gerald C. Hoag

Form Number 20215-0878