Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

002888

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380267701

Issued 07/28/03
Expires 01/28/04
Revenue Code 3157

Establishment

NATE CLARK
T9N R7E SEC 28
COUNTRY LANE-1ST BLK 2 LOT 6
9533 S 64 ST

FEES: $200.00

Permittee

NATE CLARK
4738 BIRCH HOLLOW DR
LINCOLN NE 68516

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

A

Permit Number: 03380267701

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

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

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 9533 S. 64th St (no rural route) City Lincoln NE, Zip NE

Legal Description Country Lane First Addition 2 6
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude 28 9N 7E Latitude

☐ Check if system mail address is not the same as the owner's address

B. Owner

Name Nate & Lisa Clark Signature

Address 4738 Birch Hollow City/State/Zip Lincoln, NE 68516

☐ Check if owner designed system Home Phone 402-421-9217 Work Phone

C. Contractor

Name Steve Fulton Company Name Fulton Construction

Address 3639 N. 39th St City/State/Zip Lincoln, NE 68504

☐ Check if contractor designed system Work Phone 402-464-7272

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name Lloyd Jakoubek Firm Raymond Contracting Work Phone 402-890-6009

E. This System Will Serve a

☑ Residential Dwelling Number of Bedrooms 4 Is there a Whirlpool Bathtub YES (NO)

☐ Commercial Establishment/Other Facility Specify

Design flow in gallons per day Type of Wastewater: ☑ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☒ Municipal Code 24.38 ☐ County Resolution No. 2832

1. Health Department	Date rec'd 7/28/03 Date frwd 7/29/03	ACTION ☑ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. Supt. Bldg. Insp. or Village Clerk	Date rec'd 7/29/03 Date frwd	ACTION ☑ Approved ☐ Disapproved Signature	
3. City or County Engineer	Date rec'd 7/29/03 Date frwd 7/29/03	ACTION ☑ Approved ☐ Disapproved Signature Chase Burke	

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date OCTOBER 10, 2003

Business Office Use Only

Date Rec'd 07/28/03

Amt Paid 200.00

Rec'd By LS ~~Cash~~/Check No. 5001

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

B

Permit Number: 033802677

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 9533 S. 64th St (no rural route) City Lincoln NE, Zip NE 68516

Owner Nate & Lisa Clark Addresss 4738 Brown Hollow, Lincoln, NE 68516

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: _____ min./inch

Date of Tests 7/21/03 to 7/22/03 Weather: Precipitation .2" prior to pre. Sat period Temperature 80°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. Results		N.
		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	27	7/21	5:00p	7/21	9:00p	7/22	3:00p	6	7/22	7:00p	30	3/4	.75 40
2	28	7/21	5:00p	7/21	9:00p	7/22	3:00p	6	7/22	7:00p	30	1/2	.50 60
3	32	7/21	5:00p	7/21	9:00p	7/22	3:00p	6	7/22	7:00p	30	5/8	.63 47
4	31	7/21	5:00p	7/21	9:00p	7/22	3:00p	6	7/22	7:00p	30	1/2	.50 60
5	27	7/21	5:00p	7/21	9:00p	7/22	3:00p	6	7/22	7:00p	30	1/2	.50 60
6	31	7/21	5:00p	7/21	9:00p	7/22	3:00p	6	7/22	7:00p	30	1/2	.50 60
		7											327
													÷6
													54.5
												1400 ÷ 4 = 350'	

Person Conducting Percolation Tests

Name: Terri Jakoubek - Raymond Contracting

Phone: 402-890-3870

Address 12800 NW 70th St

Raymond, NE 68428

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: _____

1500-Gallon Tank
350' - 4' wide Trench.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date JULY 28, 2003

FORM 23-101 10-96

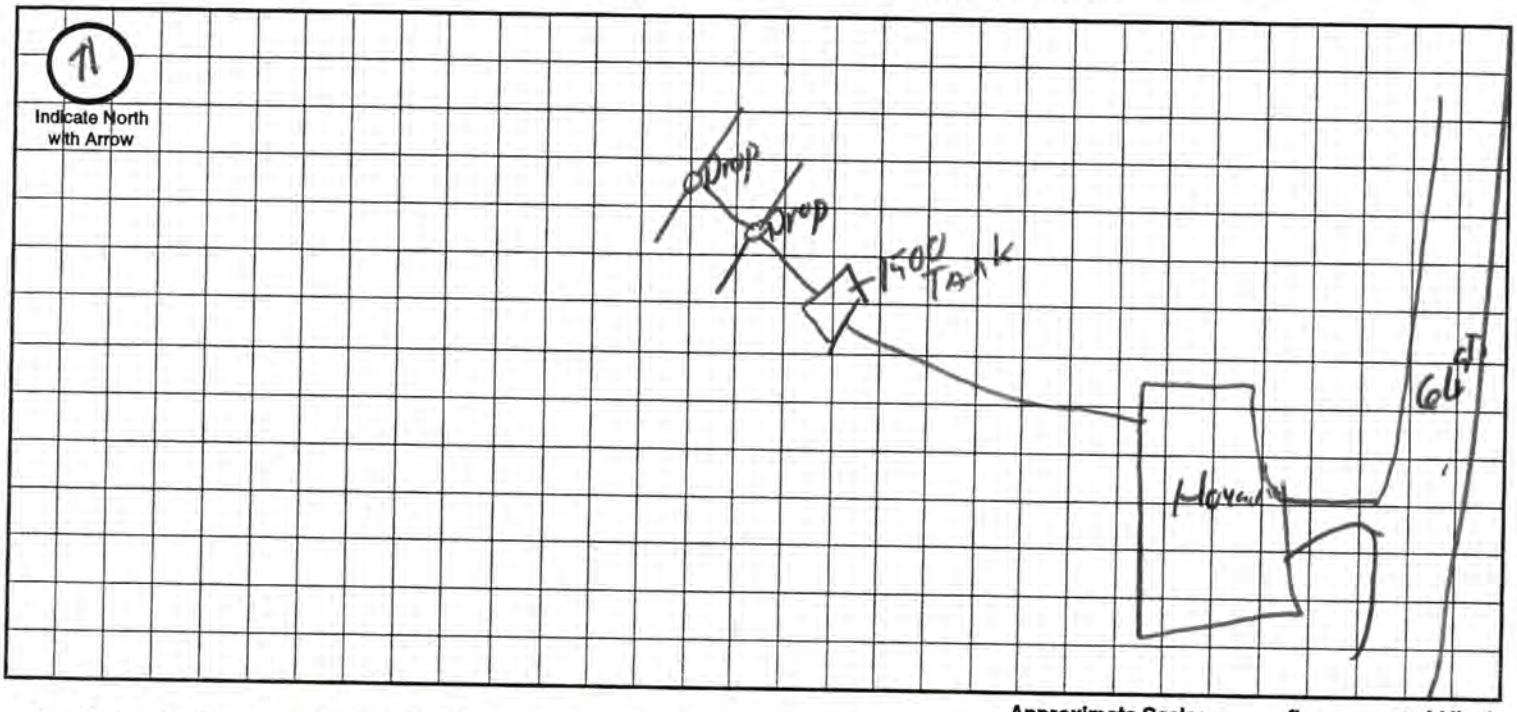
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 03380267 7

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 9533 S. 60th St City Lincoln NE, Zip 68516

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 54.5 (min. per inch) Soil Type: _____ Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 1400 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: H-10

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 350 ft. Number of Trenches 3-4 Trench Width 4'

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor _____ Date _____

Installer Lloyd J. Dahlke Date 7/25/03

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 9/10/

System Location (Indicate correct number and street)

Address 9533 S 64TH ST (no rural route) City Lincoln NE, Zip

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 39 ft.
4. Number of clean-outs: one
5. Distances to: well or suction line 100 ft.
   stream 100 ft.
   pressure line 100 ft.
   property line 100 ft.

B. Septic Tank

1. Material: concrete
   Number of compartments: one
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade AT in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 8
2. Factory built: ☐ Yes ☒ No
3. Distance from septic tank: 14' ft.

D. Absorption Field

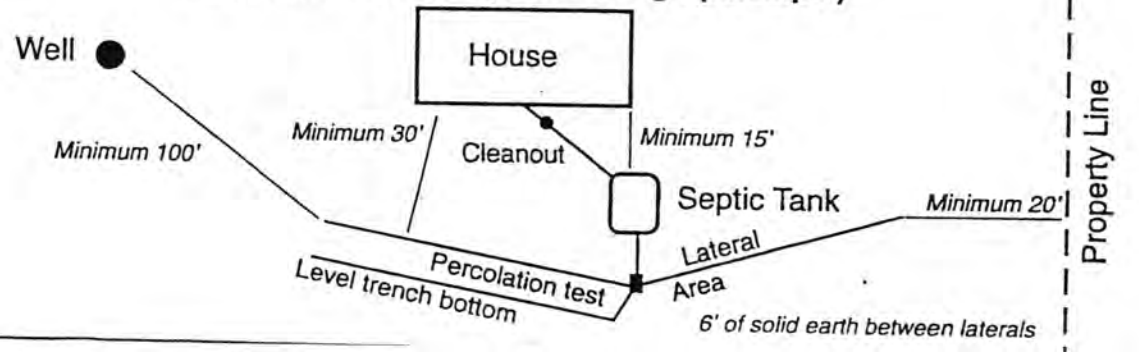
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: Eq. H-10 Standard
   or perforated pipe: ____
   Material: ☒ fiberglass ☐ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 3
   Length of each line: 150 ft. 150 ft.
   137.5 ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4' ft.
   Slope Flat in/100 ft.
   Average depth 26" in
4. Filter material: Dirt
   Depth of material ____ in.
5. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 50 ft.

Indicate North with Arrow

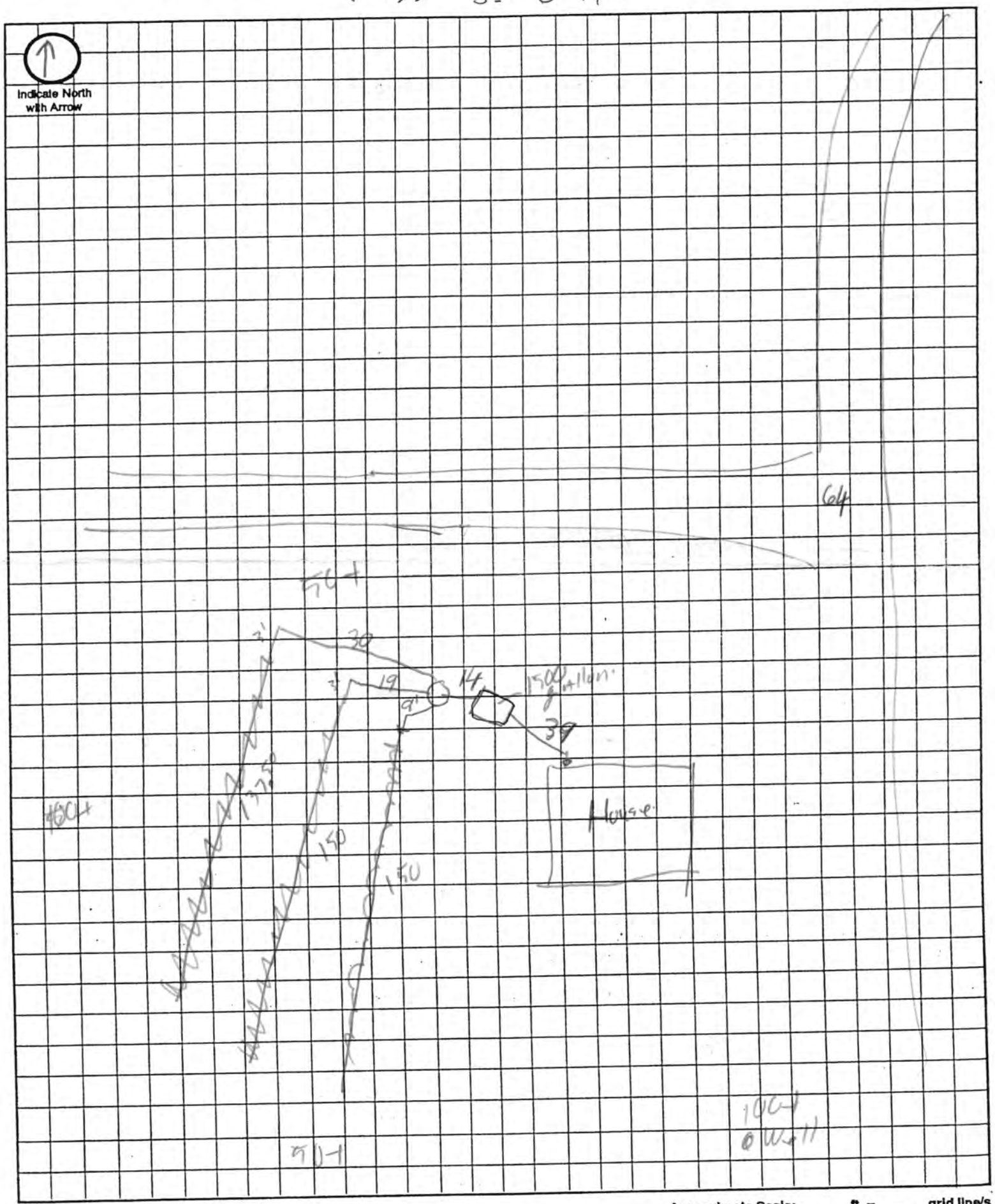
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



As Built Drawing

9533 S. 64th


Indicate North with Arrow
64
30
19
14
9'
3'
3'
1500 gal
39
House
150
150
150

Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

002889

(402) 441-8000

Permit

WATER WELL
NEW WATER WELL CONSTRUCTION

Permit # 03400108201

Issued 07/28/03
Expires 01/28/04
Revenue Code 3162

Establishment

NATE CLARK
T9N R7E SEC 28
COUNTRY LANE-1ST BLK 2 LOT 6
9533 S 64 ST

FEES: $100.00

Permittee

NATE CLARK
4738 BIRCH HOLLOW DR
LINCOLN NE 68516

TOTAL: $100.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

100

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street ● Lincoln, NE 68510-1514
Phone: 402-441-8022

Permit No. 03400108201

Request for Site Clearance and Permit for Individual Water Well

The undersigned hereby requests:

- ❑ Site Clearance and Permit to construct a new individual water well - $75.00
- ❑ Annual Permit for an existing well - $50.00
- ❑ Permit to repair or alter existing well involving opening of well - $25.00

1. Well Site Address 9533 S 64th (No Rural Route Please) City Lincoln, NE Zip 68516

Legal description of property:
Twp 9N; Range 7E; Section 28; Block 2; Lot 6; Addition Country Lane 1st

2. Well use: ☒ Residential; ❑ Commercial; ☐ Other; Describe: _____

3. Distance to Public Water Supply _____ feet

Signature of Owner _____

Print Name Nate Clark
Current Address 4738 Birch Hollow
Lincoln 68516
Current Home Phone 421-9217
Work Phone 434-5692

Signature of Contractor _____

Print Name Fulton Construction
Address PO Box 4938
Lincoln Ne 68504
Home Phone _____
Work Phone 402 464 7272
Cellular Phone 402 430-9979

Sewage Permit Applied for: ☒ Yes ❑ No ❑ Not applicable

Please Submit Permit Fee with This Request
Please Do Not Write Below This Line

Approval Process: Lincoln Municipal Code 8.44

1. Health Department — Date received 7/28/03; Date forwarded 7/29/03 — ACTION ☒ Approved ☐ Disapproved; Signature: Jerrold C. Wood
2. Building & Safety — Date received 7/29/03; Date forwarded ___/___/___ — ACTION ☐ Approved ☐ Disapproved; Signature: _____
3. City Engineer — Date received 7/29/03; Date forwarded ___/___/___ — ACTION ☒ Approved ☐ Disapproved; Signature: M McFarland

REMARKS OR REASONS FOR DISAPPROVAL: _____

Site Visits:
Date: 10/8/04 By Jerrold Wood
Date: ___/___/___ By _____
Date: ___/___/___ By _____

Installation Final Written Approval
By: Jerrold C. Wood R.E.H.S.
Date: 10/12/04

Nitrate Level 0.0 mg/L
Chloride Level _____ mg/L
Bacteriological Analysis Satisfactory
Yes X No ____
Other _____

Business Office Use Only
Date Rec'd: 07/28/03
Amt Paid: $100.00
Rec'd By _____ Cash/Check No. 4355

Distribution:
White - Health Dept. Lt. Green - Engineer Lt. Blue - Bldg Inspector

FORM: 20223-0483
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 13553
FILE NO. 0340010620I

Lincoln-Lancaster County
HEALTH DEPARTMENT
3140 "N" STREET LINCOLN, NE 68510-1514

DATA SHEET FOR WATER WELLS

Legal Description: Sec. 28 T. 9N R. 7E Block 2 Lot 6 Addition Countryland 1st
Owner Nate and Lisa Clark Address 9533 S 64th

LOG OF WELL	
	Description
Depth Ft. to	

WELL COMPLETION RECORD

Drilling Method: ROTARY
Depth (from ground level), Ft. 281
Date Completed

Casing: Length, Ft. 266 ; Dia. In. 4
Wall Thickness, Inc. 200# ; type PVC

Screen: Length, Ft. 10 1/5" Dia. In. 4
Type PVC Wop; HIFLOW, slot Size .023, .018

Drop Pipe: Length, Ft. Dia. In.

Water Level, Surface to top of water, Ft.:
Static 166, Pumping

Yield: 20 ggm, Measured ☒ , Est. ☐
Chlorination Completed Yes ☐ No ☐

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

Driller MOSER WELL
(Signed)

REMARKS NITRATE NITROGEN 0.0 p.p.m. BACTERIOLOGAL O.K

Address HICKMAN, NEBRASKA 68372

Date

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

Moser Well Drilling and Service Inc.

Marvin Moser
Hickman, NE

Allen Moser
Hickman, NE

Bill Moser
Roca, NE

Chris Thornton
Hickman, NE

Hickman, Nebraska 68372
Phone: (402)792-2515
Lincoln: 477-7291
Fax# 792-2922
www.moserwell.com

Pumps and Well Supplies - Trenching - Drilling

Date: 10/14/03 Well # 92-03 Driller: Bill NRD Lower Platte South

Owner/Builder: Nate Clark, 4738 Birch Hollow Lane, Lincoln, NE 68516 Phone # 421-9217

Location:
9533 South 64th, Lincoln, NE. This is in Country Lane Estates. At 64th & Rokeby Road go north and on west side - - - - Steve Fulton Construction is the builder.

0- 50 Brown clay
50- 55 Brown sand
55- 60 Brown clay
60- 80 Brown and gray clay mix
80- 95 Fine sandstone and shale
95-125 Gray shale
125-140 Medium sandstone
140-165 Sandy gray shale
165-185 Very fine tan sandstone
185-230 Fine yellow sandstone
230-237 Medium coarse yellow sandstone
237-240 Shale
240-257 Coarse yellow sandstone
257-274 Fine tan sandstone and shale
274-281 Fine tan sandstone

Depth: 281' Elevation

Casing Information

Type: pvc Thicknes 200#
Length 266' Diameter: 4"
Bore Size 8.5" SWL: 166'
PWL:
GPM: 20 w/air

Filler Pack: 20-240'
Grout: 6-20'

Screen

Length: 10' + 5" Diameter 4"
Type: pvc wop; Hiflow
Slot: .025; .018
Area of Screen: 247-257';276-281'
Pack: 240-270'; 270-282'
Type of Pack: "B" ; 16/30 Badger S

Chemical Analysis

Total Chlorides
Sodium:
Hardness:
Nitrates:
Bacteria:
Iron:

Lat. Degrees 40 Minutes 42 Seconds 55.3
Long. Degrees 96 Minutes 38 Seconds 1.8

CTY/TN Lancaster/Grant

T.N. 9 R.E. 7 SECT. 28

State & County sent 10/31/03

Reg

COPY

NOV 0 3 2003

FORM: 20223-0483
REQUEST FOR SITE CLEARANCE AND PREMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 13558
FILE NO. 0340010B201

LINCOLN-LANCASTER COUNTY
HEALTH DEPARTMENT
3140 "N" STREET LINCOLN, NE 68510-1514

DATA SHEET FOR WATER WELL

Legal Description: Sec. 28 T. 9 R. 7 Block 2 Lot 6 Addition Country Lane Estates

Owner Nate Clark Address 9533 South 64th, Lincoln, NE 68516

LOG OF WELL	
Depth Ft to:	Description
0- 50	Brown clay
50- 55	Brown sand
55- 60	Brown clay
60- 80	Brown & gray clay mix
80- 95	Fine sandstone & shale
95-125	Gray shale
125-140	Medium sandstone
140-165	Sandy gray shale
165-185	Very fine tan sandstone
185-230	Fine yellow sandstone
230-237	Medium coarse yellow ss
237-240	Shale
240-257	Coarse yellow sandstone
257-274	Fine tan ss & shale
274-281	Fine tan sandstone

WELL COMPLETION RECORD

Drilling Method: Roto/water

Depth (from ground level). Ft. 281'

Date Completed 10/14/03

Casing: Length, Ft. 266' :Dia. In. 4"

Wall Thickness, Inc. .214" :Type PVC

Screen: Length, Ft. 15' Dia. In. 4"

Type pvc wop/slotted, Slot Size .025; .018

Drop Pipe: Length, Ft. 220' Dia. In. 1 1/4"

Water Level, Surface to top of water, Ft.:

Static 166', Pumping 175' Est.

Yield: 20 gpm, Measured XX. Est.

Chlorination Completed Yes XX No

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

Driller [signature]
(Signed)

Address: P. O. Box 308
Hickman, NE 68372

Date: 31 October 2003

Remarks NITRATE NITROGEN 0.0 p.p.m.
BACTERIOLOGICAL O.K.

DO NOT WRITE BELOW THIS DOUBLE LIN

Health Department forwarded copy of record to Nebraska Conservatioin and Survey Department for Scientific Record X