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

A

Permit Number HS001792

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

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 5677 Panama Rd (no rural route) City _____, NE Zip _____

Legal Description S9 T7 R7 _____ 22

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

PID 14-09-100-009-000

B. Owner

Name Chad Flanders Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone _____

C. Certified Installer

Name: Scott Mueller Signature _____

Address 1345 N 26th Rd City/State/Zip Syracuse NE 68446

Work Phone 402-430-2946 SWmueller@windstream.net

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 _____ Whirlpool Bathtub? ☐ Yes ☐ No Total Acres _____

Garbage Grinder? ☐ 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. 02-30

1. Health Department
Site visits _____ Date rec'd _____ ACTION ☐ Approved ☐ Disapproved
Date frwd _____ Signature _____
Comments _____

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

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

Installation Final Written Approval
By _____
Date _____

Business Office Use Only
Date Received 01-10-19 Amount Paid $120.00
Received By [illegible] Cash/Check No. 7491

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

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001792

System Type: Lagoon

Situs: No Site Address Specified

Issued: 1/11/2019

Expires: 1/11/2020

Description: S9, T7, R7, Acres 6th Principal Meridian, LOT 22 NW

Owner: FLANDERS, CHAD S & JENNIFER B
6020 S 91 ST
LINCOLN, NE 68526

Shavonna M. Lausterer, MPH, CPH, Health Director

Dear Applicant:

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.

Shavonna M. Lausterer, MPH, CPH
Health Director

SCOTT MUELLER
1345 N 26TH RD
SYRACUSE, NE 68446

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

SCANNED

A

Permit Number
HS001792

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

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 5677 Panama Rd (no rural route) City _____, NE Zip _____

Legal Description S9 T7 R7 _____ 22 _____ Lot

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

PID 14-09-100-008-000

B. Owner

Name Chad Flanders Signature _____

Address _____ City/State/Zip _____

Home Phone _____ Work Phone _____

C. Certified Installer

Name Scott Mueller Signature Scott Mueller

Address 1345 N 26th Rd City/State/Zip Syracuse NE 68446

Work Phone 402-430-2946 SWmueller@windstream.net

D. Engineer

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

Designer Name _____ Firm _____ Work Phone _____

E. This system will serve a

4 BR Lagoon 3 bedroom or Per email

☐ Residential Dwelling Number of Bedrooms _____ Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 5.02

Garbage Grinder? ☐ 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. 02430

1. Health Department
Site visits 8/1/19 DC
Comments _____
Date rec'd 7/11/19
Date frwd 7/11/19
ACTION ☐ Approved ☐ Disapproved
Signature _____

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

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

Installation Final Written Approval
By Dean Ambler
Date 8/26/19

Business Office Use Only
Date Received 01-10-19 Amount Paid $120.00
Received By MO Cash/Check No. 7444

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

Form A Updated 1-13

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

Exhibit 5

Permit Number: HS001792

Onsite Wastewater Treatment System

Inspection Sheet

Date 8/26/19 Legal Description _____

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 5677 Panama City _____

Owner Chad Flender Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 1,080 Sq. Ft. Tank Size 1,500 gals

Total length of laterals 240' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) _____

No. of Absorption Laterals 4 Width 45 Fector No. of Drop Boxes _____ Distribution Box 1

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	10 ☐	5 ☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	25 ☐	5 ☐

Geographical Coordinates to 6 Decimals:

Tank N/A

Lateral #1 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial DS Date 8/26/19

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Doug Ahrens

Date 8/26/19

Field Note Drawing (See Reverse Side):

Doug R. Smith

From: Doug R. Smith
Sent: Monday, August 26, 2019 9:32 AM
To: Scott Mueller
Cc: Doug R. Smith
Subject: 5677 Panama

Scott,
In reviewing the paperwork for the Flanders (5633 Panama) property the application is showing the house as a 4 bedroom. The 1,080 sq ft that was installed using a perc. test of 50-60 matches the size for a 3 bedroom. So, I am assuming the house is actually a 3 bedroom and not the 4 that was on the application. If so, I just need you to say in an email the house is a 3 bedroom and the application was in error. Or, you will need to add some more lateral to match the 1400 sq ft required for a 4 bedroom at 50-60 perc. Let me know, Thanks!

Doug Smith, REHS, CP-FS
Senior Environmental Health Specialist
3131 "O" Street, Lincoln, NE 68510
O: 402-441-8031 F: 402-441-3890

Doug R. Smith

From: Scott Mueller <mueller.trenching@gmail.com>
Sent: Monday, August 26, 2019 11:29 AM
To: Doug R. Smith
Subject: Re: 5677 Panama

The house at5633 panama road for Chad flanders is a 3 bedroom house not a 4 bedroom that was put an the application, it was a mistake ao my part in filling out the application. Scott mueller

On Mon, Aug 26, 2019 at 9:32 AM Doug R. Smith <drsmith@lincoln.ne.gov> wrote:

Scott,

In reviewing the paperwork for the Flanders (5633 Panama) property the application is showing the house as a 4 bedroom. The 1,080 sq ft that was installed using a perc. test of 50-60 matches the size for a 3 bedroom. So, I am assuming the house is actually a 3 bedroom and not the 4 that was on the application. If so, I just need you to say in an email the house is a 3 bedroom and the application was in error. Or, you will need to add some more lateral to match the 1400 sq ft required for a 4 bedroom at 50-60 perc. Let me know, Thanks!

Doug Smith, REHS, CP-FS

Senior Environmental Health Specialist

3131 "O" Street, Lincoln, NE 68510

O: 402-441-8031 F: 402-441-3890

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

D Exhibit 4

Permit Number: HS001792

Onsite Wastewater Treatment System
As-Built Description and Drawing

Type of Onsite Wastewater System: ☐ Lagoon (Skip to Back Page) ☒ Subsurface Septic ☐ Mound

Onsite Wastewater System Location

Address or Legal Description or Parcel Identification Number (PID) _____

Owner: Chad Flanders Address _____

A. Wastewater Piping

1. Material: PVC Diameter: 4 in.
2. Distance between dwelling and septic tank: 90 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 1500 gal
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well 200 ft.
   Pressure line 200 ft
   Property Line 100 ft.
   Foundation 90 ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: 12 ft. W

D. Drainfield/Absorption Field

☐ Trench ☒ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☐ Other
   Material brand and inside width of Chamberless: EZ-Flow H-1850
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 80 ft. 80 ft. 60 ft. 20
4. Drainfield size: 1080 sq. ft.
5. Distance to:
   Well 220 ft.
   Pressure line 220 ft.
   Property line 40 ft.
   Depth of Groundwater 12+

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☐ Yes ☒ No

If Yes, the Certified Professional must sign below for final approval:

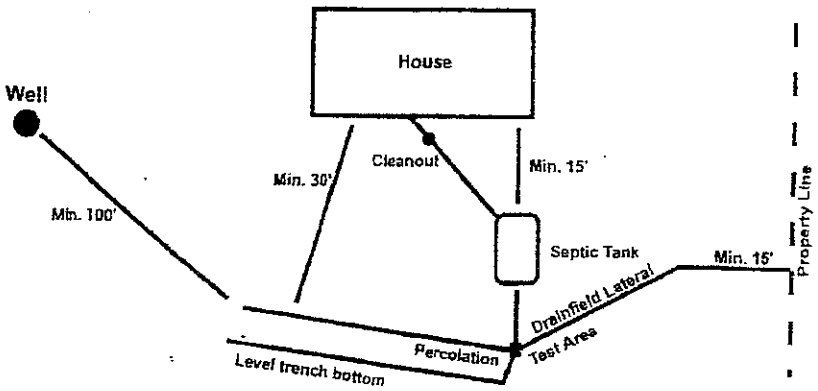
I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature: Sean Mueller Date: 8-26-19

Complete As-Built drawing on the back of this form.

Indicate North
w/ Arrow Here:

Onsite Wastewater System Design (Example)



*Note-If Lagoon, show all applicable dimensions

House
Cleanout
Dist Box
3' x 60'
3' x 60'
3' x 60'
3' x 20'
1500 gal

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

B

Permit Number:

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 5677 Panama Rd (no rural route) City Panama NE, Zip

Owner Chad Flanders Address

Date of Tests 7-28-19 to 7-29-19 Weather: Precipitation NA Temperature 80s

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					L. M. N. Results		
		Start		End		Start		Initial	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 Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	36	7-28	15:00	7-29	9:00	7-29	9:00	6	7-29	9:30	30	3/4	45
2								6				5/8	48
3								6				5/8	48
4								6				1	30
5								6				3/4	45
6								6				3/4	45
								6					
								6					

Person Conducting Percolation Test

Name: Scott Mueller

Phone: 402-430-2946

Address Syracuse, NE

Sum of Percolation Rates: 261

Average of Rates: 43.50

Rate Used for Calculation: 30-60 mpi

Soil type (NRCS Maps/Other) We Found an Area of clay loam West of the house

Groundwater Depth 12+

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

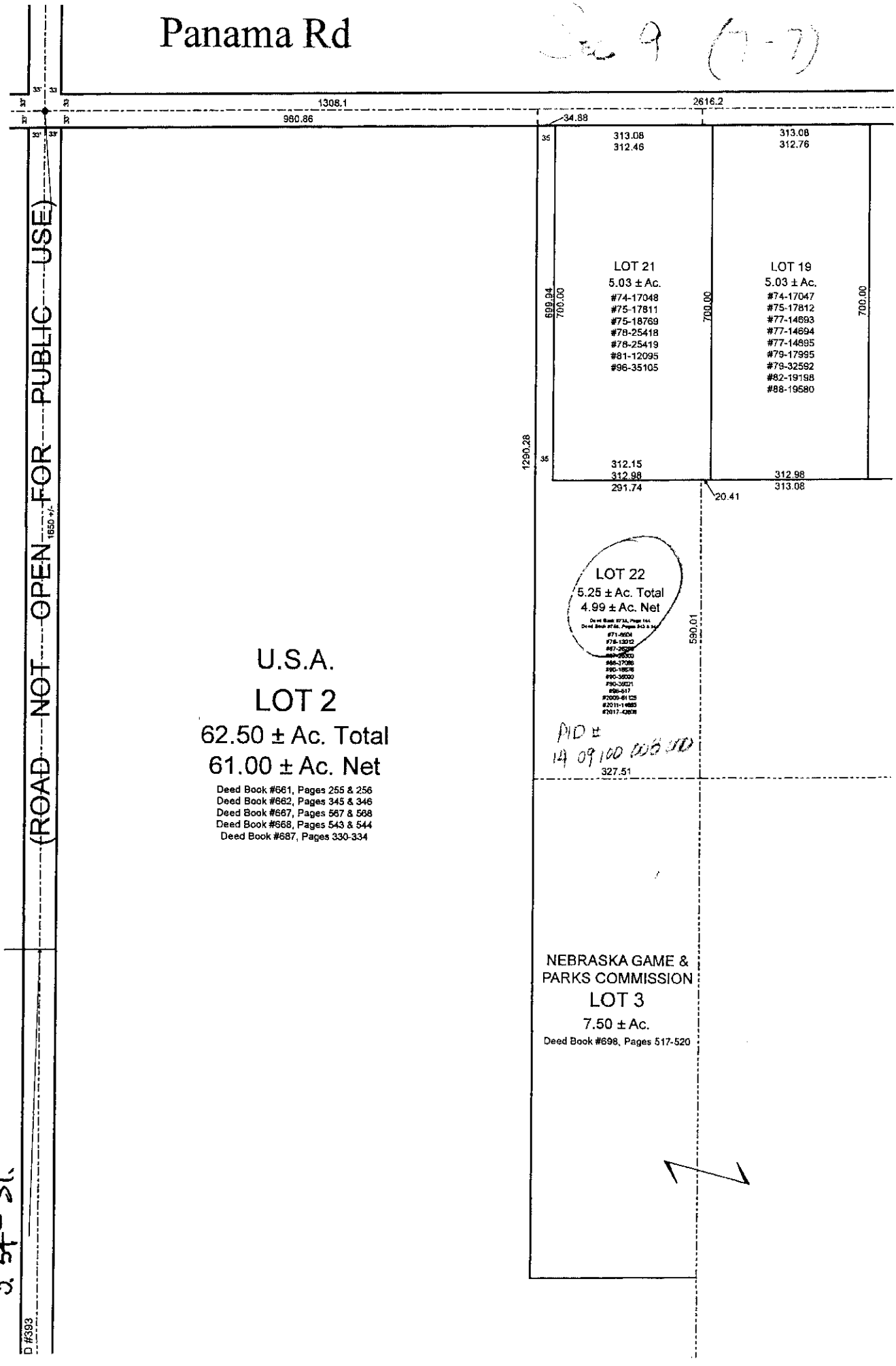
Signature of Reviewing Official Date

Nate C. Hartman

From: Ken D. Schroeder
Sent: Thursday, January 10, 2019 3:36 PM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: sewage disposal system for PID #14 09 100 008 000
Attachments: part of sec 9-7-7.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 22 irregular tracts located in the NW ¼ of Section 9, T7N, R7E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec.9-7-7.pdf)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.
Ken

Kenneth D. Schroeder, RLS
Lancaster County Surveyor
444 Cherrycreek Road, Bldg. "C"
Lincoln, Nebraska 68528
kschroeder@lancaster.ne.gov
Phone (402) 441-7681
Fax (402) 441-8692


Panama Rd
Sec 9 (9-7)
1308.1
980.86
2616.2
34.88
313.08
312.46
313.08
312.76
LOT 21
5.03 ± Ac.
#74-17048
#75-17811
#75-18769
#78-25418
#78-25419
#81-12095
#96-35105
LOT 19
5.03 ± Ac.
#74-17047
#75-17812
#77-14693
#77-14694
#77-14695
#79-17995
#79-32592
#82-19198
#88-19580
699.94
700.00
700.00
700.00
1290.28
312.15
312.98
291.74
20.41
312.98
313.08
LOT 22
5.25 ± Ac. Total
4.99 ± Ac. Net
590.01
PID #
14 09 100 005 00
327.51
(ROAD NOT OPEN FOR PUBLIC USE)
1650 +/-
U.S.A.
LOT 2
62.50 ± Ac. Total
61.00 ± Ac. Net
Deed Book #661, Pages 255 & 256
Deed Book #662, Pages 345 & 346
Deed Book #667, Pages 567 & 568
Deed Book #668, Pages 543 & 544
Deed Book #687, Pages 330-334
NEBRASKA GAME &
PARKS COMMISSION
LOT 3
7.50 ± Ac.
Deed Book #698, Pages 517-520
S. 54th St.
D #393

Nate C. Hartman

From: Todd A. Stutzman
Sent: Thursday, January 10, 2019 2:54 PM
To: Nate C. Hartman
Subject: 5677 Panama Rd

Nate,

The property, located in S9, T7, R7, Lot 22 NW, is a buildable lot.

Todd Stutzman
Plan Examiner II
402-441-7097
555 S 10th Street, Room 203
Lincoln, NE 68508