SEP 02 2014

A

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

Permit Number HS000962

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

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

3 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 11020 W Haines Cir (no rural route) City Denton NE Zip 68336

Legal Description NW 28 9 5 West Yankee Hill Acres 2
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 03-28-101-002-000

B. Owner

Name Alexander + Marina Titov Signature

Address 2711 SW 18 th St City/State/Zip Lincoln, NE-68522

Home Phone 402-613-2154 Work Phone

C. Certified Installer

Name: 4041 Jakoubek Raymond Contracting Inc Signature for Lloyd

Address 15860 NW 70th St City/State/Zip Raymond, NE-68428

Work Phone 402-890-6009 or 783-2663

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 5 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 3.72

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 Date rec'd Date frwd

Site visits

Comments

ACTION ☐ Approved ☐ Disapproved

Signature

2. Supt. Bldg. Insp. or Village Clerk Date rec'd Date frwd

Comments

ACTION ☐ Approved ☐ Disapproved

Signature

3. City or County Engineer Date rec'd Date frwd

Comments

ACTION ☐ Approved ☐ Disapproved

Signature

Installation Final Written Approval

By

Date

Business Office Use Only
Date Received 9-2-14 Amount Paid 365.00
Received By SB Cash/Check No. 8459

White - Health Department Yellow - Engineer Pink - Building & Safety Form A Updated: 1/13

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

B

Permit Number: HS000962

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 11020 W Haines Cir. (no rural route) City _____ NE, Zip _____

Owner Marina + Alexander Titov Address 2711 SW 18th St. Lincoln NE 68522

Date of Tests 8-17-13 to 8-18-13 Weather: Precipitation 0 Temperature 75

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 Water Lev (in.)	End		Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)		Date (Mo/Da)	Time (Hr/Min)			
1	30	8-17	8:00	8-18	5:00	8-18	5:30	6	8-18	6:00	30	1 1/2	20
2	32	"	"	"	"	"	"	6	"	"	"	1	30
3	31	"	"	"	"	"	"	6	"	"	"	3/4	40
4	30	"	"	"	"	"	"	6	"	"	"	1	30
5	32	"	"	"	"	"	"	6	"	"	"	1	30
6	30	"	"	"	"	"	"	6	"	"	"	1/2	60
								6					
								6					

Person Conducting Percolation Test

Name: Melvin Gagner

Phone: 402-797-2365

Address 4810 W. Claire Ave Lincoln NE 68523

Soil type (NRCS Maps/Other) 7666 Novaside 7503 Souttside

Groundwater Depth _____

Sum of Percolation Rates: 210

Average of Rates: 35

Rate Used for Calculation: 60

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

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

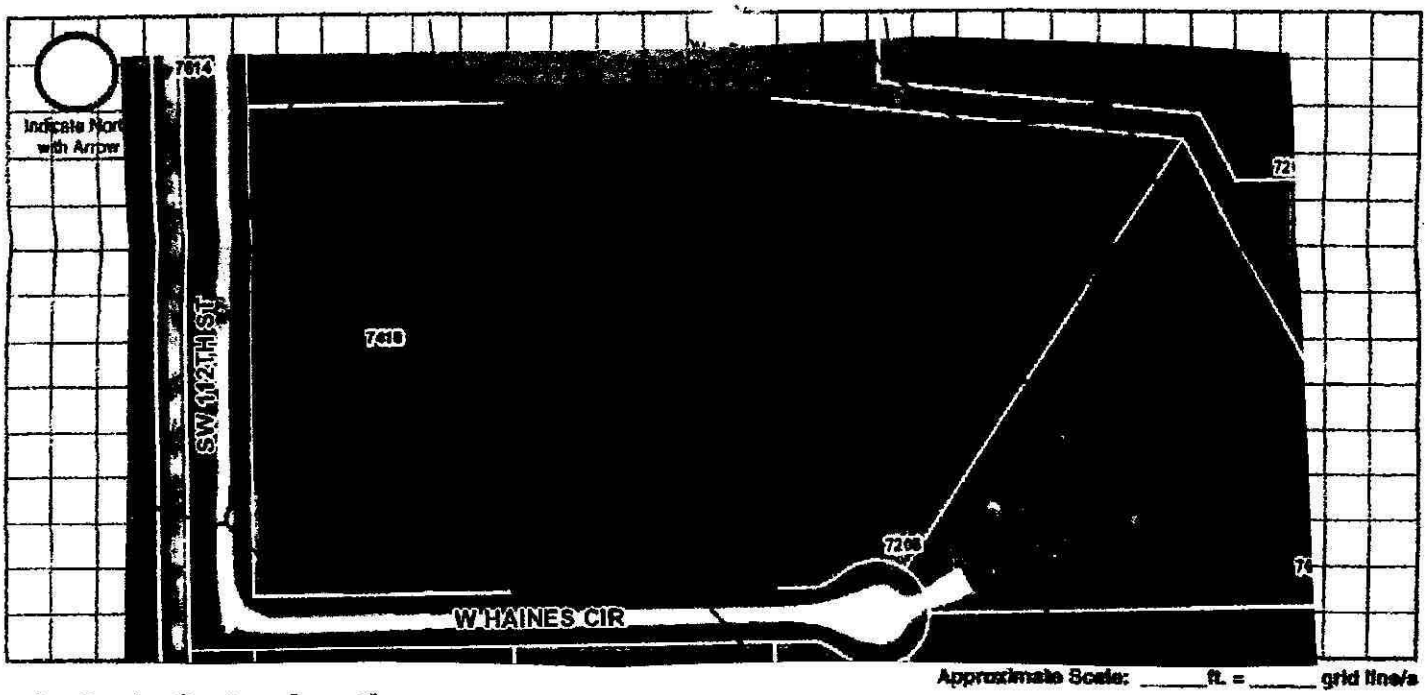
C

Permit Number: HS000962

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



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

A. Onsite System Location

Address (no rural route) 11620 W Haines Cir City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other_____ ☐ Lagoon (Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 10 (min/inch = mpi) No. of Bedrooms 5 Soil Type SCL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,760 sq.ft.

Total length of laterals 440' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 4 Width 40" No. of drop boxes 4 endcaps Distrubtion Box_____

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

E. 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 ☐	☐

F. Required Signatures

Home Building Contractor Superior Construction Date 8-28-14

Installer [signature] Date 8/28/14

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS000962

System Type: Standard

Situs: 11020 W HAINES CIR, RURAL, NE

Issued: 9/8/2014

Expires: 9/8/2015

Description: WEST YANKEE HILL ACRES, Lot 2

Owner: TITOV, ALEXANDER V & MARINA
2711 SW 8 ST
LINCOLN, NE 68522

Judith A Halstead
Judith A. Halstead, MS, 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.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
13800 NW 70TH ST.
RAYMOND, NE 68428

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

D

Permit Number: HS0009662

Onsite Wastewater Treatment System

As Built Plans & Specifications

West Yankee Lake Acres Lot 2

Date November 5, 2014 Legal Description NW 1/4 1/4 28-9N-5E Section Township Range

Onsite System Location

Address (no rural route) 11620 W Haines Cir City Denton NE, Zip 68339

Owner Alexander & Marina Titov Address 2711 SW 18th St Lincoln, NE 68522

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 169 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line 50'+ ft.
   stream 100 ft.
   pressure line 100 ft.
   property line 20'+ ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: one
2. Capacity: 2000 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" dia. inspection pipe
6. Outlet: ☑ baffle ☐ tee ☐ 6" dia. inspection pipe
7. Depth to top of tank, below unfinished grade: 12-18 in.
8. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 7' ft.

C. ☐ Distribution Box ☑ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: Switching Box 4-Endcap
   Number available outlets: 2 per cap
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 22' + 10+10+12' ft.

D. Drainfield Absorption

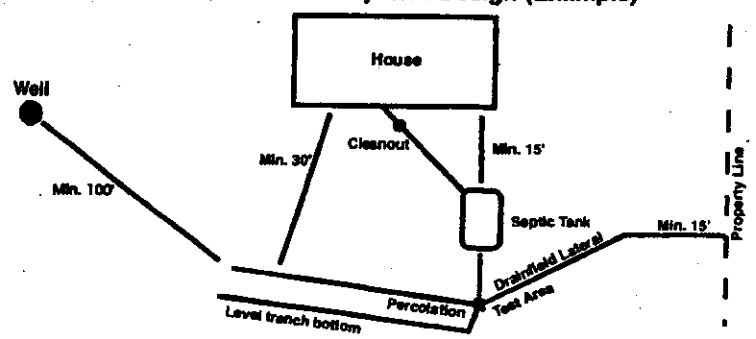
☑ Trench ☐ Bed ☐ Level Bottom

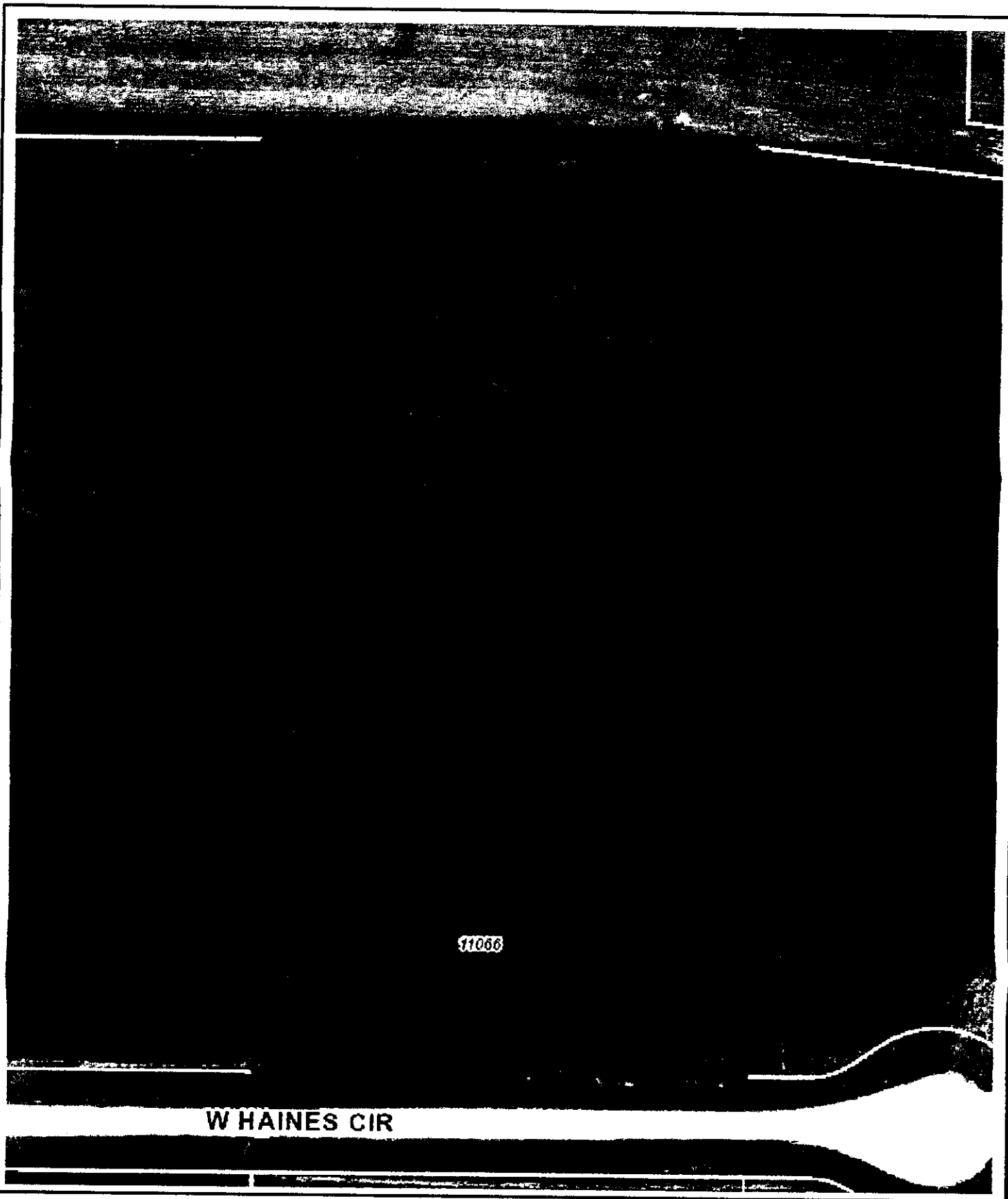
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 110 ft. 110 ft.
   110 ft. 110 ft., _____ ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 24-30 in
4. Filter material: Soil
   Depth of material 24-30 in.
5. Distances to: Well or suction line 100 ft.
   Pressure line 100 ft.
   Property line 7' ft.
   House or building 100 ft.
   Lake or Stream 100 ft.

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

Indicate North with Arrow

Onsite Wastewater System Design (Example)





Lancaster County/City of Lincoln GIS Map

Alexander Titvo, 11020 W Haines Cir, Denton, NE 68339

N
W E
S

Printed: Nov 08, 2014

DISCLAIMER: The information is presented on a best-effort basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email age@lincoln.ne.gov and you will be directed to the appropriate department.