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

A

Permit Number HS001686

Existing Home

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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

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 3800 W Mill Rd (no rural route) City Raymond, NE Zip 68428

Legal Description SW 5 11N 6E 1
(1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot)

PID 12-05-301-001-000

B. Owner

Name Ryan Brandt Signature Ryan A. Brandt

Address 3800 W Mill Rd City/State/Zip Raymond, NE 68428

Home Phone 402-217-0701 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

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 4 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.44
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 6-08-13 Amount Paid $405
Received By JAM Cash/Check No. 9405

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

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 3800 W Mill Rd (no rural route) City Raymond NE, Zip 68428

Owner Ryan Brandt Address Same

Date of Tests 5/31/18 to 6/1/18 Weather: Precipitation 0 Temperature 91°

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
		Saturation/Swelling Time				Water Level Drop: Last 30 mins of 4 hr or last 10 mins of 1 hr					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	30	5/31	2:00p	5/31	6:00p	6/1	3:00p	6	6/1	3:30p	30	11/16	44
2	33	"	"	"	"	"	"	6	"	"	"	1-1/2	20
3	31	"	"	"	"	"	"	6	"	"	"	1-1/2	20
4	38	"	"	"	"	"	"	6	"	"	"	1-1/2	20
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.

Phone: 402-783-2663 or 402-890-6009

Address 13800 NW 70th St

Raymond, NE 68428 Cert #1198

Sum of Percolation Rates: 104

Average of Rates: 26

Rate Used for Calculation: 44 (20 mpi variance)

Soil type (NRCS Maps/Other) Colo-Nodaway SCL

Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

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

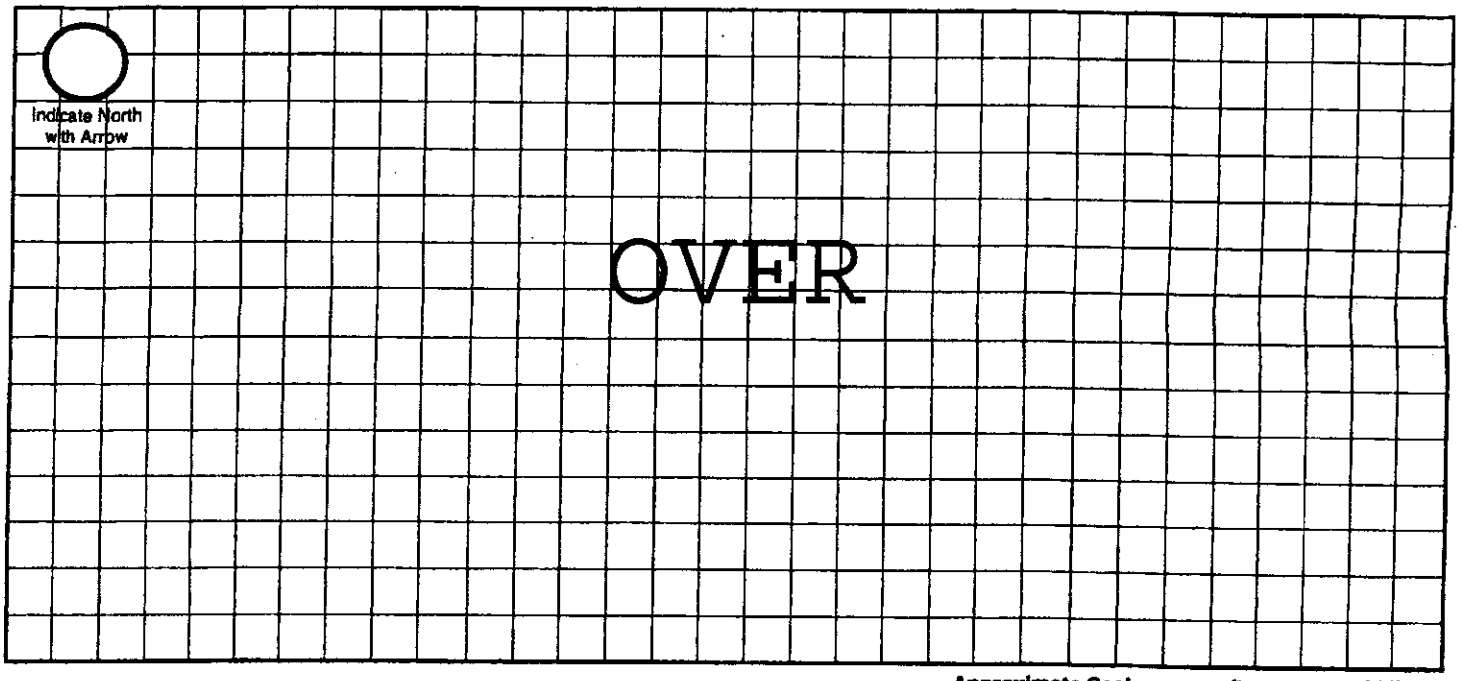
C

Permit Number:

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) 3800 W Mill Rd City Raymond NE, Zip 68428

B. Proposed Septic Tank/s

Septic Tank Cap. New + existing 1,000 gallon tank 1,000 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 44 (min/inch = mpi) No. of Bedrooms 4 Soil Type SCL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,350 sq.ft.

Total length of laterals 300 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 Width 40" No. of drop boxes 1 Distrubtion Box_____

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

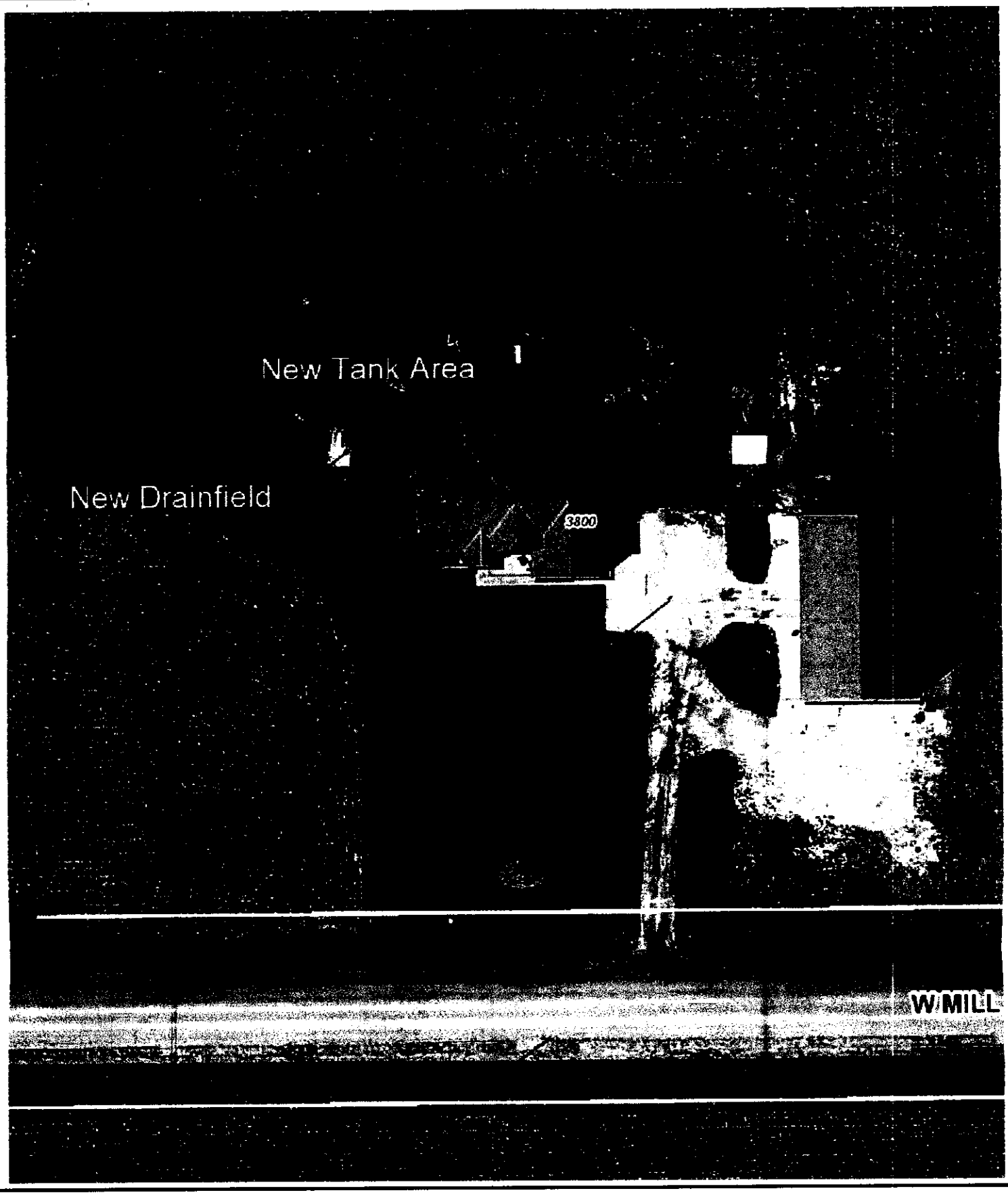
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 Existing Home Date _____

Installer _____ Date 6/8/18



Lancaster County/City of Lincoln GIS Map

N
W E
S

Ryan Brandt 402-217-0701 3800 W Mill Rd, Raymond, NE 68428

Printed: Jun 04, 2018

DISCLAIMER: The information is presented on a best-efforts 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 ags@lincoln.ne.gov and you will be directed to the appropriate department.

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. HS001686

System Type: Standard

Situs: 3800 W MILL RD, RAYMOND, NE 68428

Issued: 6/11/2018

Expires: 6/11/2019

Description: B AND G ADDITION, Lot 1

Owner: BRANDT, RYAN A
3800 W MILL RD
RAYMOND, NE 68428

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

LLOYD JAKOUBEK
13800 NW 70TH ST
RAYMOND, NE 68428

SCANNED

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

A

Permit Number HS001686

Existing Home

Onsite Wastewater Treatment System Request for Site Clearance and Permit

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

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 3800 W Mill Rd (no rural route) City Raymond, NE Zip 68428

Legal Description SW (1/4) 5 (1/4) 11N (Section) 6E (Township) (Range) (Subdivison) (Addition) 1 (Block) (Lot)

PID 12-05-301-001-000

B. Owner

Name Ryan Brandt Signature Ryan A. Brandt

Address 3800 W Mill Rd City/State/Zip Raymond, NE 68428

Home Phone 402-217-0701 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

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 4 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.44

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 7/12/18 D-S
Comments
Date rec'd 6/11/18
Date frwd 6/11/18
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 Doug Haug
Date 7/12/18

Business Office Use Only
Date Received 6-08-18 Amount Paid $405
Received By JAM Cash/Check No. 9405

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

Form A Updated: 1/13

System must be located out of floodplain

Application to Alter or Repair an Onsite Wastewater Treatment System

The applicant is applying for a permit to: ☐**ALTER** ☒**REPAIR** an existing Onsite Wastewater Treatment System, and agrees to comply with LMC 24.38 or County Resolution 02-0030.

1. **Street Address (No Rural Route):** 3800 W Mill Rd, Raymond, NE 68428

   Legal Description of Property: Township: 11N Range: 6E Section: 5-SW

   Block ____ Lot 1 SubDivsion B & G Addition Add: ____

***Parcel ID** 12 - 05 - 301 - 001 - 000 (i.e. 99-99-999-999-999)

2. **Property use:** ☒ Residential ☐ Commercial ☐ Other use (Describe: ____)
   Number of bedrooms 4 Does the system have a: ☒ Garbage Grinder ☐ Large Capacity Tub

3. **Type of Present Individual Disposal System** ☒ septic system ☐ lagoon ☐ other

4. **Description of proposed alteration or repair:** Add 1,000 gallon tank to bring into compliance with 124 and add 300' of lateral.

5. **Current Type of Lateral-** pipe & gravel **Current Linear Ft. Of Lateral -** 288'

   Current Tank Gallonage- 1,000 gallon

6. Print Name Ryan Brandt Address 3800 W Mill Rd, Raymond, NE 68428 Phone: 402-217-0701

Applicant Signature: Ryan L Brandt

Please contact LLCHD for the current permit fee for this application
Fee must be included before the application will be processed. Incomplete information will delay processing.

HEALTH DEPARTMENT USE ONLY

☐Municipal Code 24.38 ☐County Resolution Number 02-30

Date received ____/____/____ REVIEW: ☐ Approved ☐ Disapproved By: ____

Comments (if any): ____

Site visits
Date 07/12/18 By DS.
Date ____/____/____ By ____

Installation final written approval
Date 07/12/18 By DS.

Return application to:

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street, Lincoln, NE 68510
Phone: (402) 441-8643

Business Office Use Only

Received: Date: ____/____/____ Amount ____ Check No. ____ Initials ____

Revised 4/8/13

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

Exhibit 5

Permit Number: H5001686

Onsite Wastewater Treatment System

Inspection Sheet

Date 9/13/18 Legal Description B + G Addition Lot 1

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 3800 W Mill City _____

Owner _____ 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: Added a tank & laterals to existing system

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

Total square feet of drainfield New 1,350 Sq. Ft. Tank Size 1,000 + 1,000 gals two tanks

Total length of laterals 300 New 288 existing Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E-Z Flow

No. of Absorption Laterals 4 Width 4.5 Factor 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 _____

Lateral #1 N/A Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial DF Date 7/13/18

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Darcy Arnold

Date 7/13/18

Field Note Drawing (See Reverse Side):

Nate C. Hartman

From: Terri Jakoubek <jakoubek63@windstream.net>
Sent: Monday, June 11, 2018 9:47 AM
To: Nate C. Hartman
Subject: Brandt Permit
Attachments: Brandt Permit - 3800 W Mill Rd.pdf

Hi Nate, here's the revised permit for 3800 W Mill Rd. Can you provide direction on how I apply for a refund of $185.00 for the difference in permit fees?

Thanks,

Terri Jakoubek
Raymond Contracting, Inc.
13800 NW 70th St
Raymond, NE 68428
402-783-2663 (Office)
402-783-2341 (Fax)
402-890-3870 (Mobile)
jakoubek63@windstream.net

SCANNED

11 6-8

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: HS001686

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 PID = 12-05-301-001-000

Address or Legal Description or Parcel Identification Number (PID) 3800 W Mill Rd, Raymond, NE 684285

Owner: Ryan Brandt Address Same

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between ~~dwelling~~ Existing tank and septic tank: 59 ft.

NEW B. Septic Tank (has an existing 1,000 gallon tank

1. Material Concrete
2. Capacity: 1,000
3. Depth to top of tank, below unfinished grade: 18-24 in.
4. Distance to:
   - Well 100 ft.+
   - Pressure line N/A ft
   - Property Line 100 ft.+
   - Foundation 20 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 5 ft. S

(Drainfield Control Valve)

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other

   Material brand and inside width of Chamberless: EZFlow 1203H Bundles
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 80 ft. 70 ft. 80 ft. 70
4. Drainfield size: 1,350 sq. ft.
5. Distance to:
   - Well 100 ft.+
   - Pressure line N/A ft.
   - Property line 700 ft.+
   - Depth of Groundwater >8'

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

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

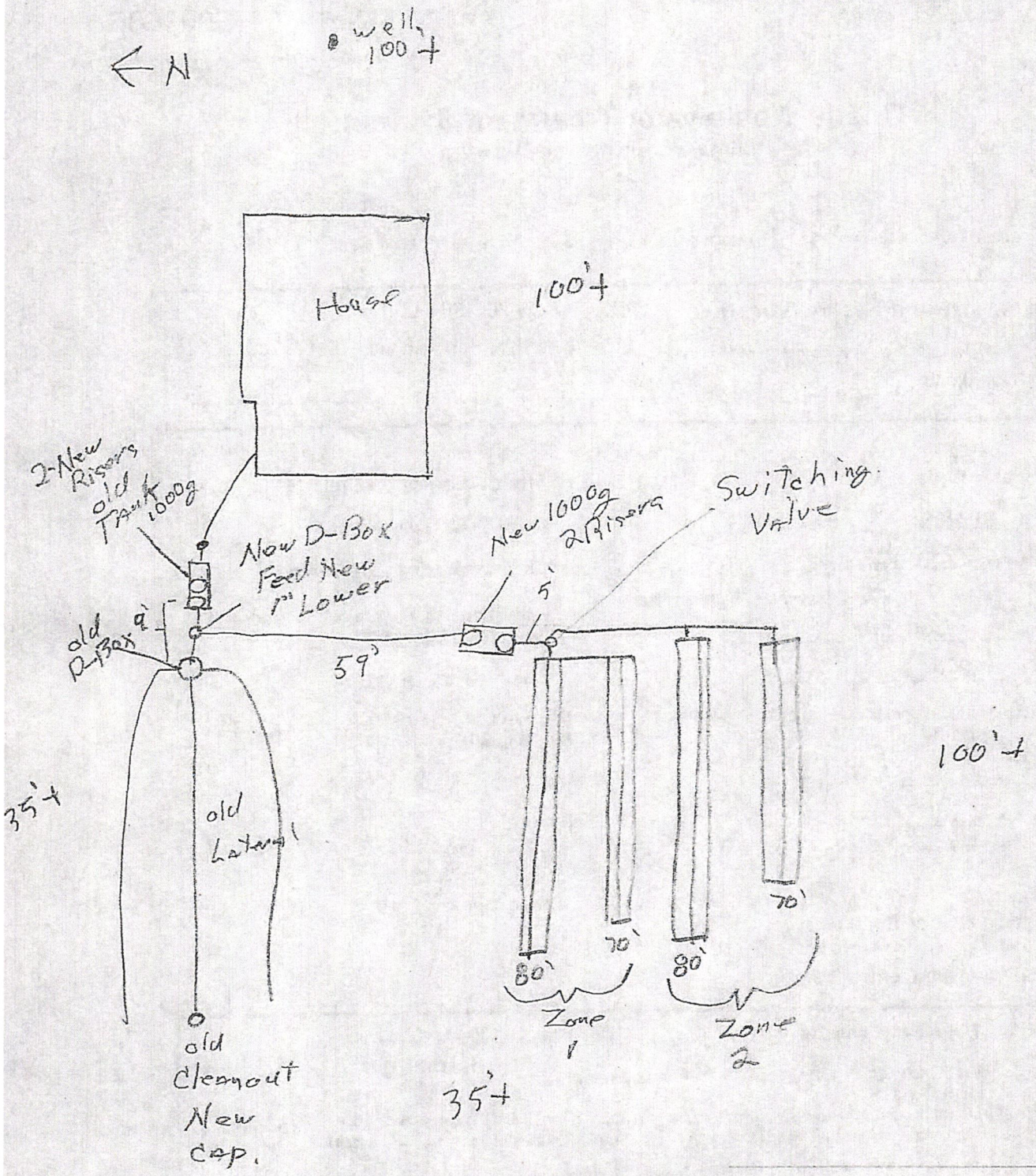
I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature: [signature] Date: 7/12/18

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

Updated 4/15

SCANNED



Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663

7/12/19