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

A

Permit Number
HSD01499

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 2001 W Raymond Rd (no rural route) City Raymond, NE Zip 68428

Legal Description _____

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

PID _____ Lat 40.9572 Long -96.7479

B. Owner

Name Jim Ballard - James Arthur Vineyards Signature _____

Address 2001 W Raymond Rd City/State/Zip Raymond, NE 68428

Home Phone _____ Work Phone 402-783-5255

C. Certified Installer

Name: Jeffery N Schoeneck Signature Jeffery N Schoeneck

Address 26720 Elkhorn Oaks Cir City/State/Zip Arlington, NE 68002

Work Phone _____

D. Engineer ☒ **Check and complete if engineer designed system** P.E. License Number: E8989

Designer Name Jeff Schoeneck Firm Horizon Envirotech, LLC Work Phone 402-720-9209

E. This system will serve a

☐ Residential Dwelling Number of Bedrooms _____ Whirlpool Bathtub? ☐ Yes ☐ No Total Acres >40

Garbage Grinder? ☐ Yes ☐ No

☒ Commercial Establishment/Other Facility Specify Wine Making, Retail & Events Design flow in gallons per day 999

Type of Wastewater ☒ Domestic ☒ Non-Domestic – See attached email

DO NOT WRITE BELOW THIS LINE Approval from NDEQ as per telephone conversation with Mark Baver - 7/31/17 DH

Approval Process ☐ Municipal Code 24.38 ☒ County Resolution No. 02-30

1. Health Department
Site visits _____
Comments _____
Date rec'd 7/31/17
Date frwd 7/31/17
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 _____
Date _____

Business Office Use Only
Date Received 8/1/17 Amount Paid 395.00
Received By CC Cash/Check No 8436

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

Form A Updated 1.13

Lori A. Cook

From: Nate C. Hartman
Sent: Monday, July 24, 2017 7:14 AM
To: Lori A. Cook
Subject: FW: James Arthur Vineyards Septic
Attachments: JAV Proposed Septic Plan.pdf; Soil Percolation Test Results JAV.pdf

Lori:

I had two permit applications come in over the weekend. Please make a file for them. Let me know if you have any questions.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
Water Quality Section
Lincoln-Lancaster County Health Department
(402) 441-8643 Fax (402) 441-3890

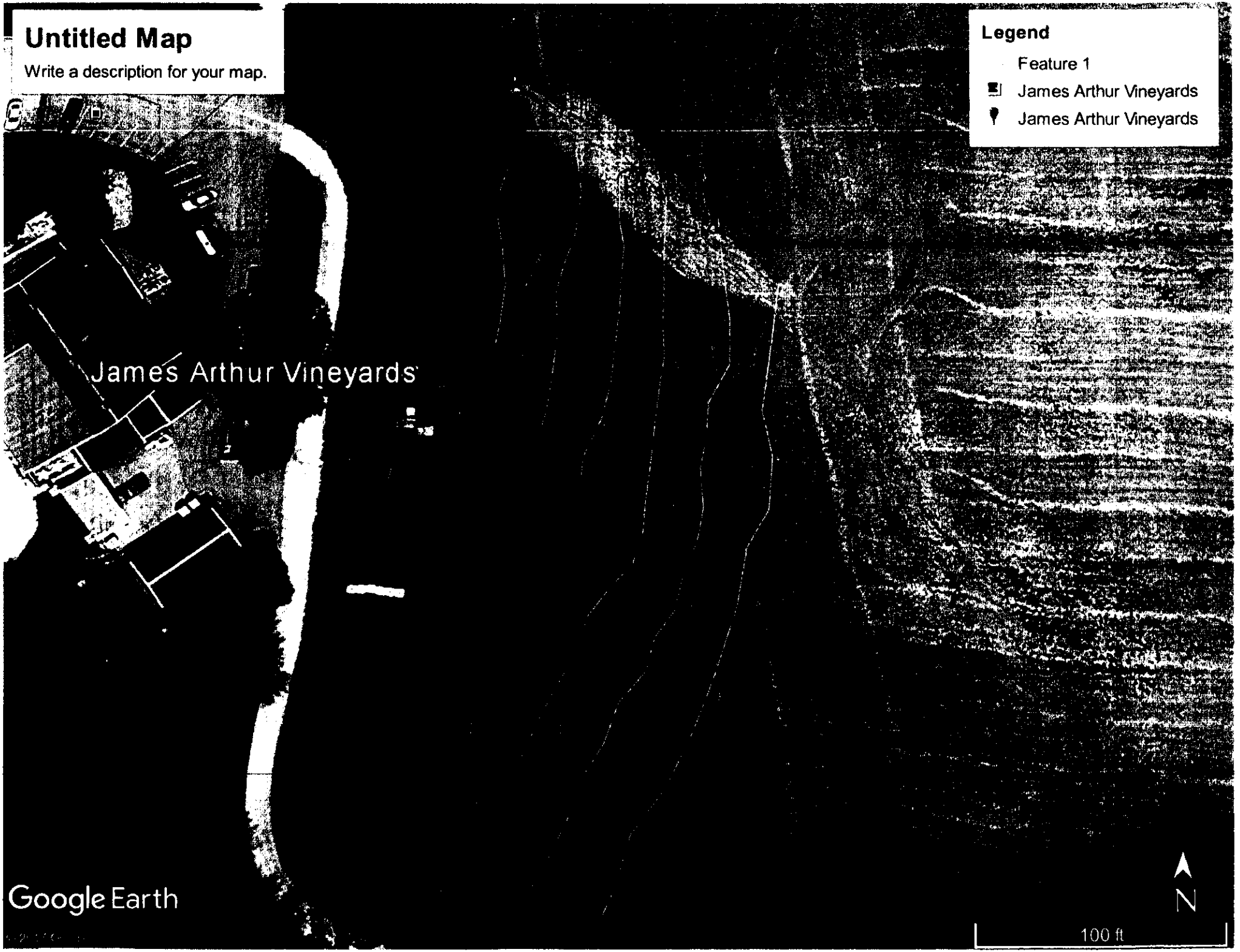
From: jeffhet@1791.com [mailto:jeffhet@1791.com]
Sent: Friday, July 21, 2017 10:03 AM
To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Subject: James Arthur Vineyards Septic

Nate,

Attached is the a proposed plan for the septic system "Emergency Repair" for JAV. Right now, they have (2) separate sets of laterals that were installed down the hill and are surfacing. As we had discussed, they do not have any records of water use for the facility. I spoke to Mark Bauer about the project. The plan is to install minimally what we think will handle the flows from the facility, and then monitor waste flow to the system and modify, if necessary. Flow monitoring will be accomplished though a cycle counter on the dosing pump panel. I am proposing a 4,000 gallon surge tank to even-out the flows over more days of the week. There will be 6-zones of 100ft (expandable to 200ft) each of (3)-12" bundled polystyrene. The zones will alternate through the use of a 6-way K-rain indexing valve. Jim Ballard (owner) insists there is no high-strength waste sent to the system. After completely draining the wine making tanks, they are sprayed with a mild disinfectant and rinsed out. A test to determine waste strength, during harvest/wine production, would be suggested to verify conditions.

Please review the attached plan and let me know if you have any question or comments, as I will need to get the permit going. They would like to have the system installed as soon as possible to remedy the surfacing problems.

Regards,
Jeff Schoeneck, P.E.
Horizon Envirotech, LLC
402-720-9209


Untitled Map
Write a description for your map.
Legend
Feature 1
James Arthur Vineyards
James Arthur Vineyards
James Arthur Vineyards
Google Earth
N
100 ft


Proposed Septic Plan
James Authur Vineyard
2001 W Raymond Rd
NEW
2000
Legend
2001 W Raymond Rd
Feature 1
Google Earth
N
100 ft

Soil Absorption Test Data Sheet

Owner Information:

Owner: Jim Ballard Phone: 402-783-5255

James Arthur Vineyards

Address: 2001 W Raymond Rd, Raymond, NE

Location: East of Main Retail/Production Building

Latitude 40.9572 Longitude -96.7479

Township _____ Range _____ Sec. _____ 1/4 sec. _____

County: Lancaster Area: 40+ Acres

Soil type: Sand/Loamy Sand _____ Loam _____

Sand _____ Silt _____ Clay _____ Sandy Si Loam _____

Silty Clay Loam X Silt Loam _____ Sandy Loam _____ Virgin Soil

Presaturation period:

Test Day Weather

Weather PC Temp. 78 F

Start Date	Start Time	Finish Date	Finish Time
5/8/2017	7:30 AM	5/8/2017	1:30 PM

Percolation test data:

Hole No.	Hole Depth (in.)	Final Percolation Readings: Start Date Mo./Day	Start Time (Hr./Min.)	Start Water Level (in.)	End (Hr./Min.)	End Water Level (in.)	Final Results: Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rate (Min./Inch)
1	27	5/9/17	4:03 PM	7.15	4:33 PM	6.15	30	1.00	30.0
2	27	5/9/17	4:04 PM	6.90	4:34PM	6.15	30	0.75	40.0
3	27	5/9/17	4:05 PM	6.60	4:35 PM	5.75	30	0.85	35.3
4	27	5/9/17	4;06 PM	6.35	4:36 PM	5.55	30	0.80	37.5

Jeffery N. Schoeneck

Jeffery N. Schoeneck, P.E. - E8989
Horizon Envirotech, LLC
26720 Elkhorn Oaks Cir
Arlington, NE 68002
(402) 720-9209
Phone

Sum of Percolation rates = 142.8

Number of test holes = 4.0

Average of rates in Minutes/inch = 35.7

*If rates vary more than 20 minutes/inch, do not average but use the slowest rate for design purposes.

No Evidence of Seasonal High Water Table
Within 9ft of Surface

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. HS001499

System Type: Standard

Situs: 2001 W RAYMOND RD, RURAL, NE

Issued: 8/1/2017

Expires: 8/1/2018

Description: S4, T11, R6, 6th Principal Meridian, LOT 14 NW

Owner: JEFFERS, JAMES A & BERNICE E
1505 W RAYMOND RD
RAYMOND, NE 68428

Charlotte Burke, MS, RD, Interim 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.

Charlotte Burke, MS, RD
Interim Health Director