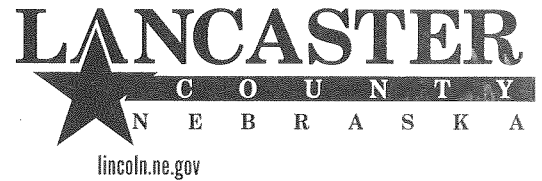




LINCOLN-LANCASTER COUNTY
HEALTH DEPARTMENT
3131 "O" Street Lincoln, NE 68510-1514
402-441-8000 fax: 402-441-6229



04/08/2022

George Dovel
17300 N 84th
Davey, NE 68517

Dear Applicant:

The Lincoln-Lancaster County Health Department (LLCHD) has received an inspection report for the onsite water supply and/or onsite wastewater treatment system for the property located at **17300 N 84th.**

The inspection report was reviewed to determine compliance with Lancaster County Resolution R-13-0062 or Lincoln Municipal Code 24.42 requiring inspection prior to the sale, transfer, or conveyance of property. Based on report review by LLCHD, a **Denial** is being issued for this property.

The denial status was determined based on the following information:

- The Onsite Wastewater Treatment System inspection report indicates the septic tank needs to be pumped due to the sludge layer. The report indicates that no liquid was observed in the tank. This is possibly due to the home being vacant, but, it also could be due to a tank leak issue.
- Water sample test results indicate the presence of bacteria.

The Denial status means the onsite system adversely affects or may adversely affect the public health and/or environment, **but does not preclude the sale, transfer, or conveyance of property.**

If you have questions regarding this letter, please contact the Water Quality Program at 402-441-8031.

Sincerely,

A handwritten signature in cursive script that reads "Doug Smith".

Doug Smith, REHS
Water Quality Program





**Onsite Wastewater Treatment System
Property Transfer Inspection Report**
Lincoln-Lancaster County Health Department
Environmental Public Health Division (402-441-8031)
3131 "O" Street, Lincoln, NE 68510

FOR OFFICE USE ONLY rev 5/08	
APD No. HPT00 _____	
Initialized <u> </u> / <u> </u> / <u> </u> By _____	
FO\$ Rec'd <u> </u> / <u> </u> / <u> </u> By _____	
Amt _____ cl# _____	
Posted <u> </u> / <u> </u> / <u> </u> By _____	
Return to Water Team Support Staff	

Property Address: 17300 N 84th St. Davey NE

Legal Description: T 127E S26 1/4 Subdiv. _____ Blk _____ Lot _____

Parcel ID: _____

Owner Name: George Dovel Estate Phone #1: 402-841-1360 Phone #2: _____

Owner E-mail address: _____ Fax # _____

Authorized Agent*: Daniel Rohrer Broker Phone #1: 402-841-1360 Phone #2: _____

Agent Address (not required for PTI): _____

Agent E-mail address: d.rohrer@massyokproperties.com Fax # _____

(*Authorized Agent shall mean a Real Estate Agent, Property Transfer Inspector (PTI), or any individual or corporation authorized, in writing, to act as the legal representative in all matters authorized by the owner.)

Onsite Water Supply System (check one)

- Private Well
- Shared Well
- Public Water

Onsite Wastewater Treatment System (check one)

- Lagoon
- Standard Septic
- Non-Standard (specify) _____
- Community System

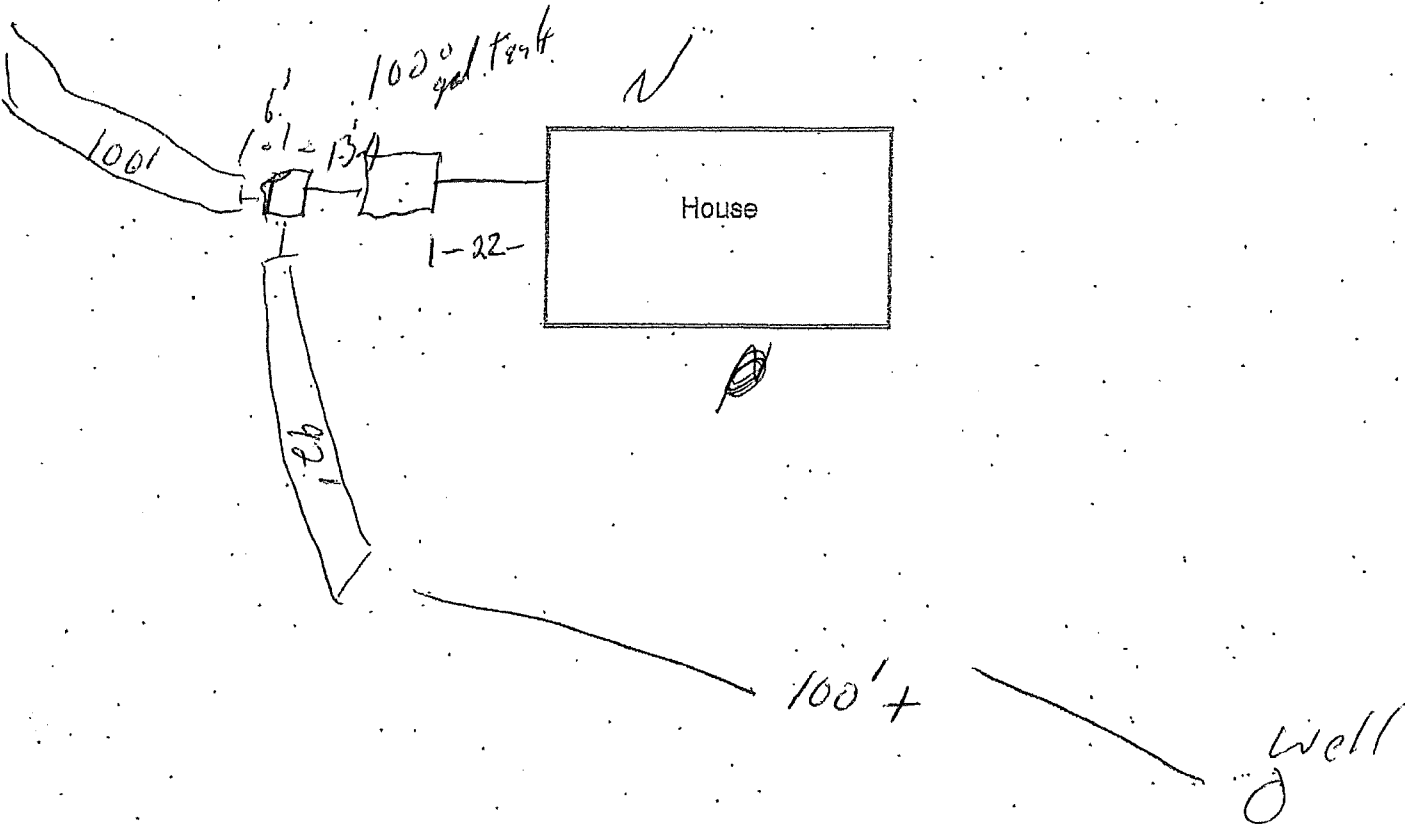
Required Information for Standard and Non-Standard Systems:

- | | | |
|---|-----|----|
| 1. The septic tank shows indication of collapse or leakage | Yes | No |
| 2. The sludge layer is less than 12 inches below the outlet baffle | Yes | No |
| 3. The bottom of scum layer is less than 3 inches above the bottom of the outlet baffle | Yes | No |
| 4. The location of laterals has been identified and a drawing has been completed | Yes | No |
| 5. The laterals and surrounding areas show visible signs of failure | Yes | No |
| 6. The laterals have been probed | Yes | No |
| 7. The laterals show evidence of excess effluent | Yes | No |
| 8. Has the system been modified, altered, or extended since the original permit was issued? | Yes | No |
| If yes, please describe: _____ | | |
| 9. Other evidence the system is in failure or at increased risk of failure (describe) | Yes | No |
| <u>No water in tank. Sludge 4' on the bottom of tank</u> | | |
| 10. Is the house vacant? If yes, for how long: <u>2 years</u> | Yes | No |

Required Information for Lagoons:

- | | | |
|--|-----|----|
| 1. Evidence of damage to the dike due to animal burrows, damage, cracks, crevices | Yes | No |
| 2. Evidence of wastewater overflow or encroachment within 1 foot of dike top | Yes | No |
| 3. Evidence of over the ground surface water inflow | Yes | No |
| 4. Presence of cattails, other emergent plants or trees that might damage the lagoon seal or dike construction | Yes | No |
| 5. Other evidence the system is in failure or at increased risk of failure (describe) | Yes | No |
| 6. A fence is present that meets standards | Yes | No |
| 7. Is the house vacant? If yes, for how long: _____ | Yes | No |

Onsite Wastewater Treatment System Layout
Property Transfer Inspection Report
(Include distances)



1. Indicate location of septic tank (distance and direction from house).
2. Indicate location and distance of wastewater lagoon.
3. Indicate location and distance of closest building foundations.
4. Indicate location of well.
5. Indicate number of laterals. Indicate approximate areas of probing.
6. Age of system (if known) _____

General Comments:

Note: If the onsite wastewater system is not located on the described property an encroachment agreement or easement must be established and copies of the agreement or easement must be attached to this report.

Comments:

The system has been inspected within the guidelines established by the Lincoln-Lancaster County Health Department.

Additional inspection information is attached

Yes

No

Signature

Scott D. [Signature]

Property Transfer Inspector

Date

4/8/24

LLCHD Permit Number

45



**Onsite Water Supply System
Property Transfer Inspection Report**
Lincoln-Lancaster County Health Department
Environmental Public Health Division (441-8031)
3140 "N" Street, Lincoln, NE 68510

FOR OFFICE USE ONLY Rev. 6/06
APD No. HPT00/2836
Initialized 04/08/22 By [Signature]
FOS Rec'd / / By
Airt. ck#
Posted / / By
Return to Water Team Support Staff

Property Address: 17300 N 84th St Davey NE 68517

Legal Description: T12 R7ES26 1/4 Subdiv. _____ Blk _____ Lot _____

Parcel ID: 19-26-100-010-000 402- George Dovel

Owner Name: George Dovel Estate Phone #1: 841-1360 Phone #2: _____

Owner E-mail address: _____ Fax #: _____

Authorized Agent*: Daniel Rohrer (Broker) Phone #1: 841-1360 Phone #2: _____

Agent Address (not required for PTI): _____ Fax #: _____

Agent E-mail address: drohrer@mossy oak properties.com

(*Authorized Agent shall mean a Real Estate Agent, Property Transfer Inspector (PTI), or any individual or corporation authorized, in writing, to act as the legal representative in all matters authorized by the owner.)

Onsite Water Supply System (check one)

- Private Well
- Shared Well
- Public Water

Onsite Wastewater Treatment System (check one)

- Lagoon
- Standard Septic
- Non-Standard (specify) _____
- Community System

Required Information:

- | | | |
|--|--------------------------------------|-------------------------------------|
| 1. The well meets setback requirements from known sources of contamination | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| 2. The well is visibly in substantial compliance with Title 178 NAC 3 | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| 3. Water sample tests for coliform bacteria were negative | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| 4. Water sample tests for nitrate were less than 10 mg/l | <input type="radio"/> Yes | <input type="radio"/> No |
| Nitrate test result <u>2.5</u> | | |
| 5. Additional inspection information attached | <input type="radio"/> Yes | <input type="radio"/> No |

Comments: We chlorinated well waiting to retest 4/8/22

Note: If the onsite water supply serving this property is not located on the described property, a copy of an agreement to use the supply must be included with this report.

The system has been inspected within the guidelines established by the Lincoln-Lancaster County Health Department.

Signature: [Signature] Permit No.: HPTINS00 45 Date: 4/8/22
Property Transfer Inspector

RETURN COMPLETED INSPECTION WITH \$90 FEE MADE PAYABLE TO LLCHD TO ADDRESS ABOVE



13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770
 www.midwestlabs.com

**SUBBERT WELL & SEPTIC
 SUBBERT WELL & SEPTIC
 1012 CO RD M
 MEAD NE 68041**

**Domestic Suitability
 For: (21236) SUBBERT WELL & SEPTIC
 DAN ROHRER**

Analytical Results for 17300 N 84TH ST

PARAMETER	SODIUM	CALCIUM	MAGNESIUM	pH	NITRATE	SULFATE	CONDUCTIVITY	TOTAL DISSOLVED SOLIDS	HARDNESS	TOTAL COLIFORM	IRON	MANGANESE	CHLORIDE	FLUORIDE
METHOD UNITS	EPA 200.7 Na ppm	EPA 200.7 Ca ppm	EPA 200.7 Mg ppm	SM 4500 H+B	EPA 300.0 NO ₃ -N ppm	EPA 300.0 SO ₄ ppm	SM 2510 B mhos/cm	CALC ppm	CALC gradation	SM 9223B MPN/100 mL	EPA 200.7 Fe ppm	EPA 200.7 Mn ppm	EPA 300.0 Cl ppm	EPA 300.0 F ppm
LEVEL FOUND					2.5					1300				
CAUTION LEVEL					10					1				

PARAMETER	SODIUM	CALCIUM	MAGNESIUM	pH	NITRATE	SULFATE	CONDUCTIVITY	TOTAL DISSOLVED SOLIDS	HARDNESS	TOTAL COLIFORM	IRON	MANGANESE	CHLORIDE	FLUORIDE
METHOD UNITS	EPA 200.7 Na ppm	EPA 200.7 Ca ppm	EPA 200.7 Mg ppm	SM 4500 H+B	EPA 300.0 NO ₃ -N ppm	EPA 300.0 SO ₄ ppm	SM 2510 B mhos/cm	CALC ppm	SM 2310B gradation	SM 9223B MPN/100 mL	EPA 200.7 Fe ppm	EPA 200.7 Mn ppm	EPA 300.0 Cl ppm	EPA 300.0 F ppm
GRAPHIC														

All results are reported on an AS RECEIVED basis., MPN = most probable number , ppm = parts per million, ppm = mg/kg, ppm = mg/L

For questions please contact:

Kerr Stanek
 Kerr Stanek
 Account Manager
 kstanek@midwestlabs.com (402)590-2982

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

SUGGESTED WATER QUALITY GUIDELINES FOR HUMAN CONSUMPTION

Sodium (Na)	Less than 20 ppm: No adverse effects.	20-80 ppm: Persons on restricted sodium diets should consult a physician concerning use.	More than 80 ppm: Should be used sparingly by persons on low-sodium diets.
Calcium (Ca)	Less than 80 ppm: No adverse effects.	80-150 ppm: Hard water problems such as scale formation can be expected.	More than 150 ppm: May be associated with high levels of sulfate (see sulfate below). Extreme hardness is undesirable for household use.
Magnesium (Mg)	Less than 30 ppm: No adverse effects.	30-80 ppm: Contributes to hardness when associated with high calcium levels.	More than 80 ppm: When associated with high sulfate, is likely to have a laxative effect (magnesium sulfate is Epsom Salts).
pH	Less than 6.5: Corrosive to metal.	6.5-8.5: No adverse effects.	Higher than 8.5: Possible bitter taste, and germicidal activity of chlorine is reduced, corrosive to pipes.
Nitrate Nitrogen (NO3-N)	Less than 2 ppm: No adverse effects.	2-10 ppm: No acute toxicity. Could have some negative health effects in young children.	More than 10 ppm: Increasing probability of health effect in children under 6 months of age due of reduced oxygen carrying capacity of the blood. EPA MCL standard of < 10 ppm.
Sulfate (SO4)	Less than 250 ppm: No adverse effects.	250-500 ppm: Likely to have a laxative effect, especially when first introduced. Diarrhea may or may not persist.	More than 500 ppm: Strongly laxative.
Conductivity	Less than 0.30: Extremely pure water can be corrosive metal.	0.30-1.50: No adverse effects.	Greater than 1.50: High levels of dissolved solids (see below).
Total Dissolved (TDS)	Less than 200 ppm: No adverse health or nutritional effects. May be corrosive if extremely pure.	200-1000 ppm: No adverse effects.	More than 1000 ppm: Increasingly adverse effects, especially diarrhea. Water loses esthetic effect.
Hardness	Less than 6 gr/gal: No adverse effects (17.1 mg/L CaCO3 = (1 gr/gal).	6-12 gr/gal: Some scale may form in pipes and water heaters. Softening may be desirable.	More than 12 gr/gal: Scale will form rapidly and laundry will not come clean. Softening for household use is desirable.
Total Coliform*	Negative: No coliform bacteria present in 100 mL of water.		Positive: Coliforms are a bacteria that are naturally present in the environment and can be used to indicate the presence of other potentially harmful bacteria such as Fecal Coliform or <i>E.coli</i> . The presence of Fecal and <i>E. coli</i> may indicate a contamination from human or animal waste. The EPA acceptable level is less than one (<1) MPN (most probable number) per 100 mL of water.
Iron (Fe)	Less than 0.3 ppm: No adverse effects.	0.3-1.0 ppm: Some staining will occur.	More than 1.0 ppm: Iron oxide (rust) will cause extensive staining and will precipitate out, forming a red sludge. Taste will be bitter.
Manganese (Mn)	Less than 0.05 ppm: No adverse effects.	0.05-0.30 ppm: May cause black or brown staining of pipes, sinks and laundry.	More than 0.30 ppm: Besides the staining effect, will cause a metallic taste. It is harmful for infants 0-6 months at 0.30 to 1.0 mg/L. Greater than 1.0 mg/L is harmful for adults. May cause neurological issues. Refer to State Health Department.
Chloride (Cl)	Less than 200 ppm: No adverse effects.	200-500 ppm: Increasingly salty taste.	More than 500 ppm: Very salty taste.

*Holding/Transit time between sampling and analysis cannot exceed 30 hours. If this time has been exceeded, the results might be invalid.
 N.D. = Not Detected
 EPA Guidelines suggest less than 0.015 ppm (mg/L) for Lead (Pb) and 1.30 ppm (mg/L) for Copper (Cu).

22-097-4054

REPORT DATE

Apr 07, 2022

RECEIVED DATE

Apr 01, 2022

SEND TO
21236



Midwest

Laboratories®

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PAGE 3/3

ISSUE DATE
Apr 07, 2022

**SUBBERT WELL & SEPTIC
SUBBERT WELL & SEPTIC
1012 CO RD M
MEAD NE 68041**

REPORT OF ANALYSIS
For: (21236) SUBBERT WELL & SEPTIC
DAN ROHRER

Analysis	Level Found		Reporting		Method	Analyst- Date	Verified- Date
	As Received	Units	Limit	Units			
Sample ID: 17300 N 84TH ST	Lab Number: 70093673	Date Sampled: 2022-03-31 1515					
E. coli (generic)	n.d.	MPN/100mL	1	SM 9223 B		jmk4-2022/04/02	sn17-2022/04/02

All results are reported on an AS RECEIVED basis., n.d. = not detected , MPN = most probable number

For questions please contact:


Kert Staneck
 Account Manager
 kstaneck@midwestlabs.com (402)590-2982

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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