



# Memorandum

**Date:** April 28, 2022

**To:** SOUTHERN NEVADA DISTRICT BOARD OF HEALTH

**From:** Robert Fyda, P.E., REHS, *Environmental Health Engineer/Supervisor* RF  
Herbert Luis Sequera, REHS, *Environmental Health Manager* HS  
Chris Saxton, MPH-EH, REHS, *Environmental Health Director* CS  
Fermin Leguen, M.D., MPH, *District Health Officer* FL

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**Subject:** Variance Request for an Application to Construct a Septic System, SNHD Permit #ON0033199, located 9935 W. Rosada Way, Las Vegas, NV 89149 to allow a septic system to remain less than 100' from a domestic well.

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## I. BACKGROUND:

Corey Morley ("Petitioner") is requesting a variance to allow the current installation of a new septic system permit to be approved "as-is" for a new single-family residence (SFR) located at Assessor's Parcel Number 125-31-301-018, also known as 9935 W. Rosada Way, Las Vegas, NV 89149. Currently, the septic system "as-is" does not meet Section 5.3 of the *Southern Nevada District Board of Health Regulations Governing Individual Sewage Disposal Systems and Liquid Waste Management* ("SNHD ISDS Regulations"). The existing septic system application was approved on December 13, 2021, with a revision to the application to address Section 5.3 submitted on February 3, 2022.

Staff inspected the initial installation on December 16, 2021, which result in a failure and a referral to the engineering section for failure to meet Section 5.3 of the SNHD ISDS Regulations. A follow-up inspection was conducted on February 10, 2022, where the applicant failed after a thorough examination by staff.

The petitioner states the following with regards to these requirements:

1. There must be circumstances or conditions which are unique to the petitioner, and do not generally affect other persons subject to the regulation:

*"Our well was drilled before the permitted plans were approved. We installed the system per plan, which was a leach field system traveling West from the well. That ended up not working correctly. The septic tank ended up being only 70' from the well head. We then pulled the system and switched*

*to a chamber system and ran it as far East as we could. The septic system ended up being slightly to close to the well head by 1'2". We measured the distance with a tape measure but because of the elevation difference we were off. The new chamber system meets all the setback guidelines and the only issue remaining is the distance from the tank to the well head. It will not effect any surrounding properties. The well is 660' deep and is uphill from the septic system."*

2. There must be circumstances or conditions which make compliance with the regulation unduly burdensome and cause a hardship to and abridge a substantial property right of the applicant, and the variance is necessary to render substantial justice to and preserve the property rights of the applicant. Please indicate in what manner compliance with the regulation would be burdensome or cause a hardship on your business or how the free use of your property may be affected (if economic factors are an issue, please include estimates regarding the costs that would be incurred by compliance):

*"We have already paid for two different systems and had to discard an entire leach field. We also paid to have the septic tank moved. The new chamber system we purchased was more expensive than a traditional residential septic system. I have a construction loan maturing at the end of March and need to have a certificate of occupancy to obtain a new home loan. Because of how tight the septic system area is, to move the tank I would need to remove the entire system to have space to get in there and dig."*

3. Granting the variance will not be detrimental or pose a danger to the public health and safety. Please provide evidence that the variance request, if approved, will not adversely affect the safe and sanitary operation of the applicant(s) pool, spa, or food establishment:

*"The future pool and spa at this property is well over 100' from the septic system. There are no other residential houses nearby or that could be built in the future that would be effected by the way the system is setup now."*

An analysis of the surrounding area shows that there is 24 recorded well logs and 71 permitted septic systems within a square mile of the subject property. An exhibit submitted by a NV licensed professional land surveyor (PLS) shows the encroachment with a high degree of accuracy (typically within centimeter accuracy).

## **II. RECOMMENDATION:**

The property owner has worked with staff to address the issue and has spent significant time and effort to address the issue including redesigning and rebuilding a septic system to meet the regulations. The latest septic system installation attempt is short by less than 2' from meeting the regulatory requirements for the setback from a septic tank to a well while meeting the required setback requirement for a leach field to a well. The septic tank is a watertight container full of untreated sewage and no discharge is anticipated as long as the vessel is not damaged.

Staff is of the opinion that granting the variance would not endanger public health or safety. Staff recommends APPROVAL of the variance due to risk posed and the distance the applicant was able to obtain during installation. If the Board of Health approves the variance, staff recommends approval with the following conditions outlined in Section III.

### **III. CONDITIONS:**

If approved, staff recommends the following conditions:

1. Petitioner and their successor(s) in interest shall abide by all local governmental regulations requiring connection to community sewage systems. Use of the ISDS shall be discontinued and the structure it serves shall be connected to any community sewage system constructed in the future to within four hundred feet (400') of the property line when connection can be made by gravity flow and the owner(s) are notified and legally required to do so.
2. Petitioner and their successor(s) will abide by the operation and maintenance requirements of the most current SNHD regulations governing individual sewage disposal systems.
3. Construction of the ISDS must be completed by end of the calendar year. If the construction has not been commenced within that period, this variance shall automatically expire and be of no further force and effect, unless application is made and approved for an extension of time prior to the expiration date by Petitioner or Petitioner's successor(s) in interest.

#### Attachments:

- A. Variance Candidate Application
- B. Justification Letter
- C. Original Septic Construction Application for ON0033199 dated December 13, 2021
- D. Final Inspection Report for ON0033199 dated December 16, 2021
- E. Revised Septic Construction Application for ON0033199 dated February 3, 2022
- F. Final Inspection Report for ON0033199 dated February 10, 2022
- G. Final Inspection Report Follow-up for ON0033199 dated February 15, 2022
- H. PLS Exhibit
- I. Well Driller's Log for Shared Well
- J. Public Notice

Attachment A: Variance Candidate Application (Page 1 of 3)



**VARIANCE CANDIDATE WORKSHEET**

**PART I:**

**ESTABLISHMENT INFORMATION**

Name of Facility/Establishment: Corey Morley Property  
Health Permit Number: ON0033199 Date of Inquiry: 03/02/2022  
Name of Operator/ Agent: Corey Morley  
Address of Operator/ Agent: 9935 W Rosada Way, Las Vegas NV 89149  
Contact Information of Operator/ Agent:  
Office Phone: \_\_\_\_\_ Cell Phone: 702-375-2541  
Fax Number: \_\_\_\_\_ Email Address: cj@morleygrading.com  
If corporation, the name/title of individual to sign for Variance document:  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**OWNER INFORMATION**

Name of Property Owner: Corey Morley  
Address of Property Owner: 9935 W Rosada Way, Las Vegas NV 89149  
Contact Information of Property Owner: \_\_\_\_\_  
Office Phone: \_\_\_\_\_ Cell Phone: 702-375-2541  
Fax Number: \_\_\_\_\_ Email Address: cj@morleygrading.com

**PROPERTY INFORMATION**

Property Address: 9935 W Rosada Way, Las Vegas NV 89149  
Assessor's Parcel Number (APN): 125-31-301-018  
Describe location within larger facility (i.e. hotel/casino/resort, etc.):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Describe Variance Issue (s): (Include sections of the Regulation or Nevada Administrative Code that applies to the request for a variance)

5.3 - Septic tank and shallow absorption system located within one hundred feet (100') nor shall a deep absorption system be located within one hundred and fifty feet (150') of any well.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Attachment A: Variance Candidate Application (Page 2 of 3)

**PART II:**

**Nevada Administrative Code 439.240 states in general that certain conditions or circumstances must be shown to exist in order for a Board of Health to approve a request for a Variance from adopted public health regulations. A variance application letter (as noted below in PART III) MUST specifically address each of the following issues:**

**1. There must be circumstances or conditions which are unique to the applicant, and do not generally affect other persons subject to the regulation. Please indicate how your request is unique to your situation and is, therefore, not likely to affect other persons subject to the regulations:**

Our well was drilled before the permitted plans were approved.  
We installed the system per plan, which was a leach field system traveling West from the well.  
That ended up not working correctly. The septic tank ended up being only 70' from the well head.  
We then pulled the system and switched to a chamber system and ran it as far East as we could.  
The septic system ended up being slightly to close to the well head by 1'2". We measured the distance with a tape measure but because of the elevation difference we were off.  
The new chamber system meets all the setback guidelines and the only issue remaining is the distance from the tank to the well head.  
It will not effect any surrounding properties. The well is 660' deep and is uphill from the septic system.

**2. There must be circumstances or conditions which make compliance with the regulation unduly burdensome and cause a hardship to and abridge a substantial property right of the applicant, and the variance is necessary to render substantial justice to and preserve the property rights of the applicant. Please indicate in what manner compliance with the regulation would be burdensome or cause a hardship on your business or how the free use of your property may be affected (if economic factors are an issue, please include estimates regarding the costs that would incurred by compliance):**

We have already paid for two different systems and had to discard an entire leach field. We also paid to have the septic tank moved. The new chamber system we purchased was more expensive then a traditional residential septic system. I have a construction loan maturing at the end of March and need to have a certificate of occupancy to obtain a new home loan. Because of how tight the septic system area is, to move the tank I would need to remove the entire system to have space to get in there and dig.

**3. Granting the variance will not be detrimental or pose a danger to the public health and safety. Please provide evidence that the variance request, if approved, will not adversely affect the safe and sanitary operation of the applicant(s) pool, spa, or food establishment:**

The future pool and spa at this property is well over 100' from the septic system. There are no other residential houses nearby or that could be built in the future that would be effected by the way the system is setup now.

Attachment A: Variance Candidate Application (Page 3 of 3)

**NAC 439.240 Approval by State Board of Health.** (NRS 439.150, 439.190, 439.200)

1. The State Board of Health will grant a variance from a regulation only if it finds from the evidence presented at the hearing that:
  - (a) There are circumstances or conditions which:
    - (1) Are unique to the applicant;
    - (2) Do not generally affect other persons subject to the regulation;
    - (3) Make compliance with the regulation unduly burdensome; and
    - (4) Cause a hardship to and abridge a substantial property right of the applicant; and
  - (b) Granting the variance:
    - (1) Is necessary to render substantial justice to the applicant and enable the applicant to preserve and enjoy his or her property right; and
    - (2) Will not be detrimental or pose a danger to public health and safety.
2. Whenever an applicant for a variance alleges that he or she suffers or will suffer economic hardship by complying with the regulation, the applicant must submit evidence demonstrating the costs of compliance with the regulation. The Board will consider the evidence and determine whether those costs are unreasonable.  
[Bd. of Health, Variances Reg. §§ 2.7-2.8, eff. 10-16-80; A 2-5-82; 1-19-84]

**PART III:**

**A Variance Application Letter**, which includes all information provided by the applicant on his worksheet, must be submitted in writing to the Environmental Health Division (EHD) Director no later than 40 days before the monthly Board of Health Meeting. **The Application letter must be on the owner's letterhead signed by the Owner/Corporate Officer specifically listing which part(s) of the Regulation the proposed Variance covers with this completed Worksheet as an attachment. The written Application Letter must take particular care in providing statements and evidence of circumstances or conditions and reasons why the District Board of Health should grant the Variance as listed in NAC 439.240 as shown at the top of this page. ALL information you have provided in PART I and II of this Worksheet must be included in the body of the letter.** The evidence required may include 8 1/2" x 11" or 11" x 17" detailed drawings and/or photographs.

The Variance process is outlined in Nevada Administrative Code (NAC) 439.200 through 439.260 with the exception that an application fee is payable to SOUTHERN NEVADA HEALTH DISTRICT (SNHD).

**This section to be completed by SNHD staff ONLY**

Next closing date is: \_\_\_\_\_ for the \_\_\_\_\_ BOH Meeting.

Referred by: \_\_\_\_\_  
(Print Name of REHS)

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Print Name of REHS if not by supervisor)

Received by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Owner/Operator/Agent)

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Signature of SNHD Manager)

## Attachment B: Justification Letter

Corey Morley  
9935 W Rosada Way  
Las Vegas, NV 89149  
702-375-2541  
[cj@morleygrading.com](mailto:cj@morleygrading.com)

### Justification Letter

We are applying for this variance for the following reasons:

- 1) Our well was drilled before permit plans were issued. The way the septic system was laid out on the plans was not viable. We had to remove the original system and replace it with a chamber system and still ended up 1'2" too close to the well head. The septic system area is very tight, so moving it would be difficult and expensive.
- 2) The well is 660' deep and is uphill from the septic system. The way it sits now will not affect any surrounding properties or properties to be built in the future.
- 3) I have a construction loan that matures on 03/31/2022. In order to obtain a house loan before that date, I need a certificate of occupancy. Approval of the septic system is the only thing holding that up.

Thank You

Corey Morley



03/02/2022

Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 1 of 18)

SOUTHERN NEVADA HEALTH DISTRICT  
 280 SOUTH DECATUR BLVD • PO BOX 3902 • LAS VEGAS, NV • 89127 • 702-759-0660 (DIRECT) • 702-759-1000(24 HOURS)  
 APPLICATION TO CONSTRUCT  
 INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

SYSTEM INFORMATION	
Permit No. ON0033199	
Property Owner Morley, Corey & Sally	
Type of Facility SFR	
Perc Rate	Lot Size 1.03
Minimum ISDS Required	
Septic Tank 1,500	Absorption 1,165

Fixtures	No.
Shower	1
Water Closet	5
Bath Tub	4
Double Lav	
Single Lav	7
Kitchen Sink	1
Wet Bar	
Clothes Washer	1
Laundry Tab	1
Veggie Sink	
Bidet	
Bar Sink	
Floor Drains	
Drinking Fountain	
Floor Sink	
Commercial Sink	
Trailer park	
Urinals	
Grease/Oil Interceptor	
Sand/Water Interceptor	
Commercial Water Closet	
<b>Total Fixture Units</b>	<b>32</b>

FACILITY INFORMATION			
Jurisdiction Code 0 - Clark County	Emp # EE7000799		
Address 9935 W Rosada WAY			
City Las Vegas	State NV	Zip code 89149	Water Supply Type 02 - Quasi-Municipal Well

OWNER INFORMATION			
Area 949	Telephone 3512994	Ext	
Owner/Contact Morley, Corey & Sally		APN 125-31-301-018	
Street # 9935	Street Name Rosada	City Las Vegas	State NV
		Zip 89149	

**ALL APPLICABLE REQUIREMENTS ARE INCLUDED IN THE CURRENT EDITION OF THE "SOUTHERN NEVADA DISTRICT BOARD OF HEALTH REGULATIONS GOVERNING ISDS AND LIQUID WASTE MANAGEMENT".**

NOTE: NO PAVING OR VEHICULAR TRAFFIC ALLOWED OVER INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS) OR TREES WITHIN TEN FEET (10') OF ISDS. THIS INSTALLATION IS APPROVED ONLY UNTIL SEWER IS AVAILABLE.

COMMENTS:

Sewer is not available within 400' of the property line per GIS. A 1,500 gallon septic tank and a 1,056 sqft pipe and gravel leach field will be installed.

Permit to construct expires one year from: 12/13/2021

Dan Isler  
 Application Approved by

Caity Matthews - Morley Grading  
 Applicant



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 2 of 18)



**SHURLEY**  
DESIGN STUDIO  
ARCHITECTURE & INTERIOR DESIGN  
1000 W. 10TH AVE. SUITE 100  
DENVER, CO 80202  
TEL: 303.733.1111  
WWW.SHURLEYDESIGNSTUDIO.COM



C.J. AND K.T. MORLEY  
RESIDENCE  
APN: 125-31-301-018

**SITE PLAN**

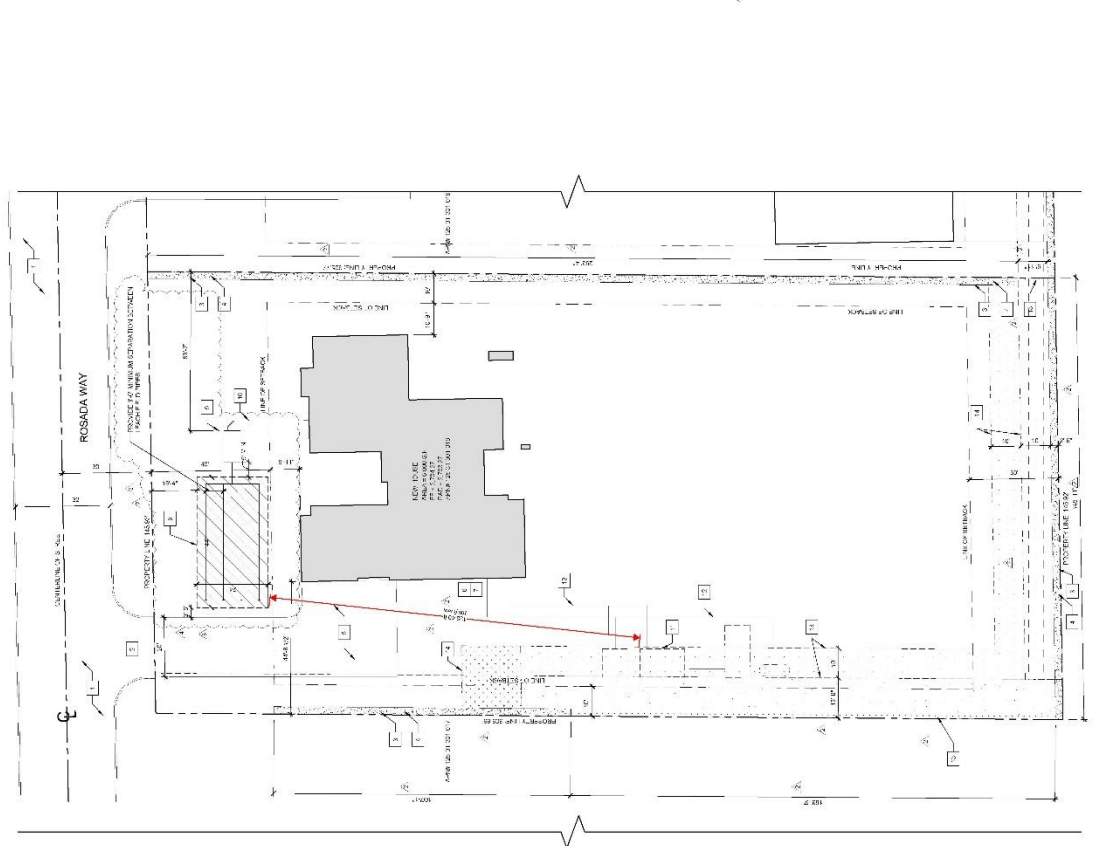
AS1.00

**SITE PLAN GENERAL NOTES**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DENVER, COLORADO, AND THE STATE OF COLORADO.
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**SITE PLAN KEYNOTES**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DENVER, COLORADO, AND THE STATE OF COLORADO.
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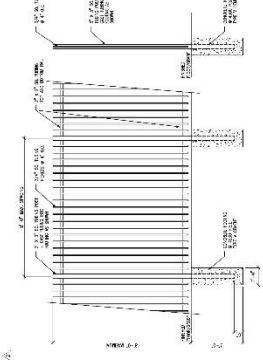
**INDIVIDUAL MESSAGE SYSTEMS (MVS) NOTES**

1. MVS shall be installed in accordance with the manufacturer's instructions.
2. MVS shall be installed in a location that is accessible to the user.
3. MVS shall be installed in a location that is protected from the elements.
4. MVS shall be installed in a location that is protected from fire.
5. MVS shall be installed in a location that is protected from theft.
6. MVS shall be installed in a location that is protected from tampering.
7. MVS shall be installed in a location that is protected from unauthorized access.
8. MVS shall be installed in a location that is protected from unauthorized modification.
9. MVS shall be installed in a location that is protected from unauthorized deletion.
10. MVS shall be installed in a location that is protected from unauthorized disclosure.



**1 | SITE PLAN**  
 SCALE: 1/8" = 1'-0"

09/30/2019 - 100% CONSTRUCTION DOCUMENTS - PERMIT SET



**A | WROUGHT IRON FENCE DETAIL**  
 SCALE: 1" = 1'-0"



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 3 of 18)

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**

OFFICE USE ONLY  
 Log No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
 Basin No. \_\_\_\_\_

PRINT OR TYPE IN BLACK INK ONLY Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340  
 DO NOT WRITE ON BACK

NOTICE OF INTENT NO. S2019-445  
 WELL NAME (if applicable): \_\_\_\_\_

1. OWNER/CLIENT NAME Corey & Sandy Morley      DETAILED ADDRESS AT WELL LOCATION  
 MAILING ADDRESS 8001 Roxbury Castle Ave      9935 W Rosada Way, Las Vegas NV 89  
Las Vegas, NV 89117      *Subdivision Name* \_\_\_\_\_ *County:* Clark

2. PLS LOCATION ¼ ¼ *Sec* *N/S* *E*      Latitude 36.252692      UTM *E*       NAD 27  
 PERMIT/WAIVER NO. 88653      125-31-301-018      Longitude 115.313708      UTM *N*       NAD 83/WGS 84  
Issued by Water Resources      Current Parcel No.

3. WORKED PERFORMED      4. PROPOSED USE      5. WELL TYPE

New Well     Deepen: Orig WL# \_\_\_\_\_       Domestic       Irrigation       Monitor       Auger       Rotary       RVC  
 Replacement: Original well log # \_\_\_\_\_       Mining / Dewater       Com / Ind       Stock       Air       Mud       Sonic  
 Recondition: Original well log # \_\_\_\_\_       Test / Other       Mun / QM       Rec       Other

6. LITHOLOGIC LOG      9. WELL CONSTRUCTION

Material Encountered	Lost Circ.	Water Strata	From	To
Cemented gravelly sand			0	60
Sandy gravel			60	300
Cemented sandy gravel			300	600
Cemented sandy gravel, w/some loose zones. Limestone gravels		X	600	800

Depth Drilled: 800 Feet		Depth Cased: 800 Feet	
HOLE DIAMETER (BIT SIZE)			
		From	To
18	Inches	0	63 Feet
12	Inches	63	800 Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.9	8	SDR 17	0	800
12.75	32	.375	+4	63

ANNULAR MATERIALS

Sanitary Seal     Yes     No

Neat Cement \_\_\_\_\_ to \_\_\_\_\_       Pumped     Poured  
 Cement Grout 0 to 63       Pumped     Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_       Pumped     Poured  
 Bentonite Chips \_\_\_\_\_ to \_\_\_\_\_       Pumped     Poured  
 Gravel Pack [ > 0.2 in. ] \_\_\_\_\_ to \_\_\_\_\_       Pumped     Poured  
 Sand Pack [ < 0.2 in. ] \_\_\_\_\_ to \_\_\_\_\_       Pumped     Poured  
 Other, explain: \_\_\_\_\_ to \_\_\_\_\_       Pumped     Poured

PERFORATIONS:

Type of perforation: Factory SDR 17 slotted  
 Size of perforation: 0.032  
 From 500 Feet To 800 Feet  
 From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet  
 From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet  
 From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

7. WATER QUALITIES

Static water level: 480 Feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M.      \_\_\_\_\_ P.S.I.  
 Water Temperature: \_\_\_\_\_ ° Fahrenheit  
 Water Quality: \_\_\_\_\_

8. WELL TEST DATA

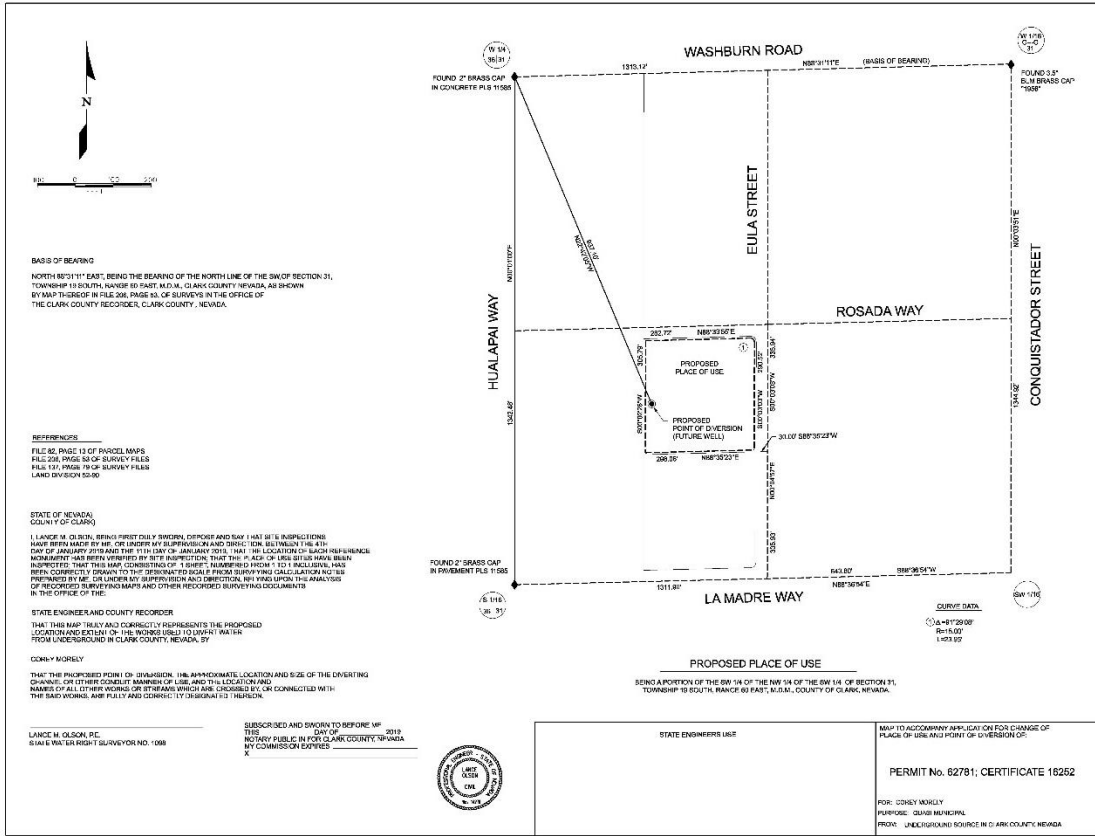
Test Method:	Bailer	Pump	Air Lift	Recorded Time (Hours)
Airlift			X	150

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision. This report is true to the best of my knowledge.  
 Name Budget Drilling      Contractor  
 Address 1170 Darcy Lane, Pahrump NV, 89060      Contractor  
 Phone 702 306-2138  
 Nevada contractor's license number as issued by the State Contractor's board: 77029  
 Nevada well driller's license number as issued by the Nevada Division of Water Resources (for site driller): 2629  
 Signed: \_\_\_\_\_  
 Date: 12-4-19

(Rev. 04-16)      USE ADDITIONAL SHEETS IF NECESSARY      pg.      of pg.

Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 4 of 18)



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 5 of 18)

I T E M	State of Nevada <b>REPORT OF CONVEYANCE</b> of a water right to Department of Conservation and Natural Resources, Division of Water Resources, Office of the State Engineer	Rev 10/16		
1	APPLICATION / PERMIT No.: 62781 or PROOF/CLAIM No.: _____ STATUS: Certificate USE: QM			
2	CURRENT HOLDER(S) SHOWN BY THE STATE ENGINEER.: Charles Bombard 1999 Trust			
If any item requires additional space, please use Item 13 Remarks: or attach 8 1/2" X 11" sheets referencing appropriate item number.				
3	NEW OWNER(S): Corey Morely ADDRESS: 8001 Roxburg Castle Ave CITY: Las Vegas STATE: NV ZIP: 89117 Email confirmation OK? See below YES <input type="checkbox"/>	NEW BENEFICIARY(S): ADDRESS: CITY: STATE: ZIP: Email confirmation OK? See below YES <input type="checkbox"/>		
4	INVENTORY DOCUMENTS BY CATEGORY AND NUMBER OF EACH IN CHAIN OF TITLE. <span style="float: right;">See Guidelines Page 2</span>			
	DEED(S)..... 1 CORRECTION DEED(S)..... OTHER: _____			
	DEED(S) OF TRUST..... RECONVEYANCE at no charge 1 TOTAL ## OF \$\$ Documents => 3			
	NOTICE(S) OF PLEDGE..... MAP(S) at no charge..... TOTAL # x \$20 each = 3 \$ 60.00			
	DEATH CERTIFICATES..... AFF OF ID at no charge..... Report filing fee = \$120.00* \$ 120.00			
	DECREE(S) OF DISTR..... OTHER: Implementaion of Trust 1 TOTAL FEES SUBMITTED* \$ 180.00			
5	ONE, ONE-TIME \$120 FILING FEE MUST ACCOMPANY THESE REPORTS + \$20 PER CONVEYANCE DOCUMENT LISTED ABOVE. *WHEN INCLUDING ENCUMBERING DOCUMENTS IN ADDITION TO CONVEYANCE DOCUMENTS, AN ADDITIONAL FILING FEE OF \$120 IS REQUIRED. SEE GUIDELINES FOR MORE INFORMATION.			
6	This REPORT may require an ABSTRACT OF TITLE listing the above documents in chronological order. A copy of the map referred to in said deed(s) may be required. Copies of maps should be letter or legal size. Refer to Guidelines sheet for details.			
7	LIST SUPPLEMENTAL RIGHTS: none			
8	COUNTY: POINT OF DIVERSION: Clark COUNTY: PLACE(S) OF USE: Clark			
9	AMOUNT (DUTIES) TO BE ASSIGNED: 0.0028 CFS 2 ACRE-FEET ACRES or UNITS			
10	IS AN APPLICATION TO CHANGE THE P.O.D., P.O.U., OR M.O.U. OF THIS RIGHT TO BE FILED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
11	IF AN APPLICATION TO CHANGE THE P.O.D., P.O.U., OR M.O.U. IS ALREADY FILED, INDICATE THE NUMBER: _____			
12	List any other water rights relating to this Report of Conveyance that has been filed using the same abstract and chain of title.			
13	Additional Space/Remarks:			
14	<p style="font-size: small; text-align: center;">"I swear under penalty of perjury, that this represents a complete and thorough search of the records of the county recorder of each county in which the water is placed to beneficial use or diverted from its natural source and the records on file in the office of the state engineer."</p> <table style="width:100%;"> <tr> <td style="width: 50%;">                 STATE OF Nevada                  COUNTY OF Clark                  SUBSCRIBED AND SWORN TO BEFORE ME ON 12/21/2018                  BY: Lance M Olson                  Print name of Permittee or Agent signing form                     Signature of Notary Public Required             </td> <td style="width: 50%; vertical-align: top;">                 SIGNATURE:                   PRINT NAME: Lance M. Olson, P.E.                  FIRM NAME: _____                  MAILING ADDRESS: 8024 Hickam Ave                  CITY: Las Vegas STATE: NV ZIP: 89129                  PHONE: 702-300-4885 <input type="checkbox"/> OWNER?                  E-MAIL: lance.olson@kolobmountain.n <input checked="" type="checkbox"/> AGENT?                  Is a consent to receive email correspondence already on file? YES <input type="checkbox"/>                  If not, please download from our website and include.             </td> </tr> </table>		STATE OF Nevada COUNTY OF Clark SUBSCRIBED AND SWORN TO BEFORE ME ON 12/21/2018 BY: Lance M Olson Print name of Permittee or Agent signing form  Signature of Notary Public Required	SIGNATURE: PRINT NAME: Lance M. Olson, P.E. FIRM NAME: _____ MAILING ADDRESS: 8024 Hickam Ave CITY: Las Vegas STATE: NV ZIP: 89129 PHONE: 702-300-4885 <input type="checkbox"/> OWNER? E-MAIL: lance.olson@kolobmountain.n <input checked="" type="checkbox"/> AGENT? Is a consent to receive email correspondence already on file? YES <input type="checkbox"/> If not, please download from our website and include.
STATE OF Nevada COUNTY OF Clark SUBSCRIBED AND SWORN TO BEFORE ME ON 12/21/2018 BY: Lance M Olson Print name of Permittee or Agent signing form  Signature of Notary Public Required	SIGNATURE: PRINT NAME: Lance M. Olson, P.E. FIRM NAME: _____ MAILING ADDRESS: 8024 Hickam Ave CITY: Las Vegas STATE: NV ZIP: 89129 PHONE: 702-300-4885 <input type="checkbox"/> OWNER? E-MAIL: lance.olson@kolobmountain.n <input checked="" type="checkbox"/> AGENT? Is a consent to receive email correspondence already on file? YES <input type="checkbox"/> If not, please download from our website and include.			
Notary Stamp or Seal Required				



Attachment C: Original Septic Construction Application for ON0033199 dated December 13,  
2021 (Page 6 of 18)

APN: Water Rights Permit #62781

When Recorded Return To:  
Corey Morley  
8001 Roxburgh Castle Ave  
Las Vegas, NV 89117

Mail Tax Statement to: Corey Morley  
Grantee Address: 8001 Roxburgh Castle Ave  
Las Vegas, NV 89117

Inst #: 20181213-0001506  
Fees: \$40.00  
RPTT: \$178.50 Ex #:  
12/13/2018 12:22:56 PM  
Receipt #: 3586232  
Requestor:  
COREY MORLEY  
Recorded By: GYOUNG Pgs: 2  
DEBBIE CONWAY  
CLARK COUNTY RECORDER  
Src: FRONT COUNTER  
Ofc: TENAYA BRANCH

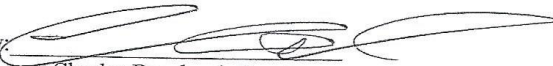
### QUITCLAIM DEED

Charles Bombard 1999 Trust ("Grantor"), for valuable consideration, the sufficiency and receipt of which is hereby acknowledged, does hereby remise, release and forever quitclaim to Corey Morley, ("Grantee"), a *married man*, as sole and separate property, all of the Grantor's right, title, and interest, bounded and described as follows:

2.0 Acre Feet of Non-Revocable Water Rights under State Engineer Permit Number 62781.

DATED this 4th day of December, 2018.

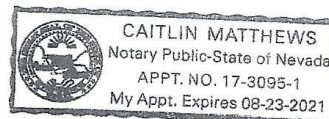
**Charles Bombard 1999 Trust**

By:   
Charles Bombard, Grantor

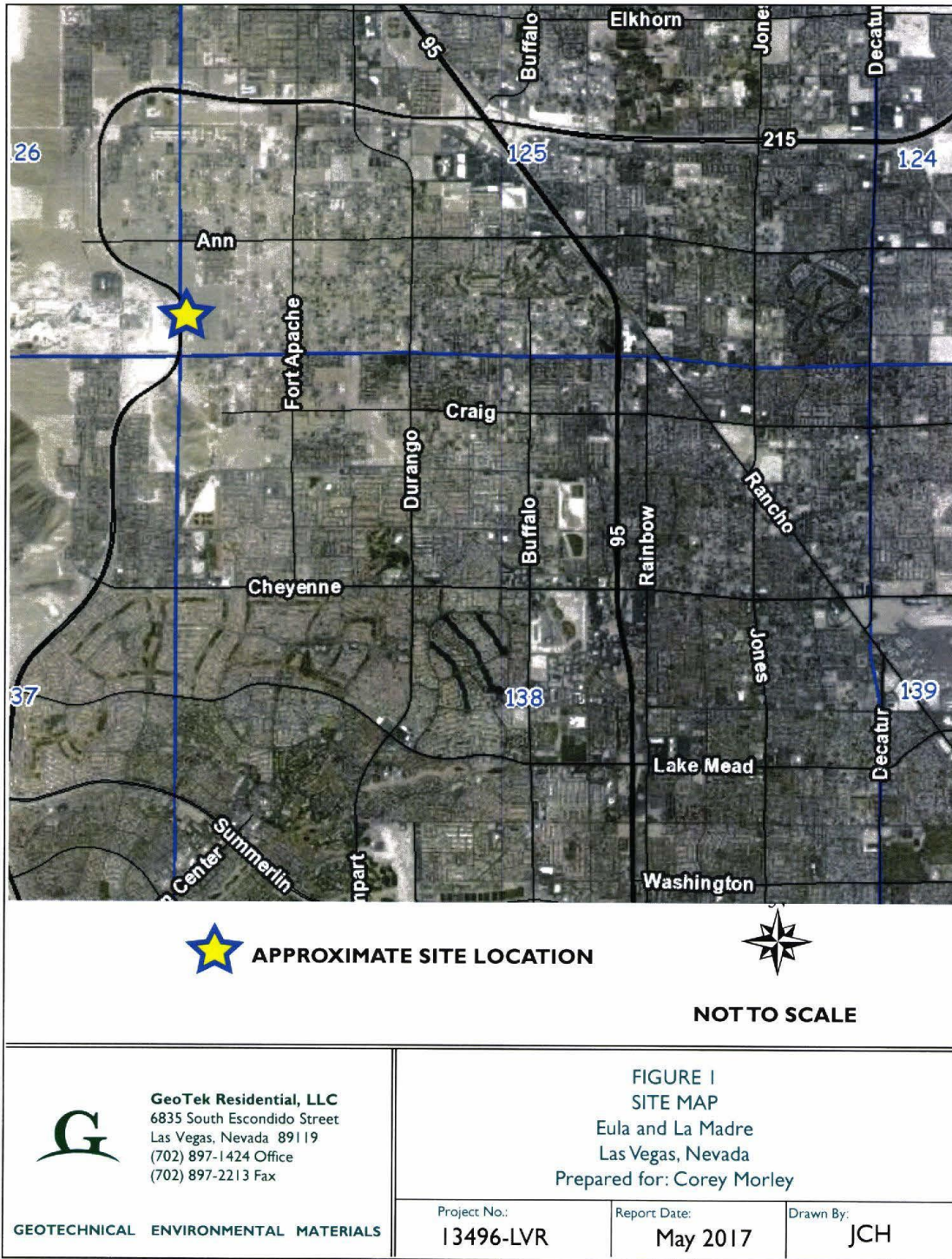
STATE OF NEVADA )  
                          )SS.  
COUNTY OF CLARK )

On this 4th day of December of 2018 personally appeared before me, a Notary Public, **Charles Bombard** who acknowledged that he has the authority to execute the above instrument and executed the above instrument voluntarily and for the uses and purposes therein mentioned.

  
Notary Public



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 7 of 18)





Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 8 of 18)



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 9 of 18)

**BORING LOG GENERAL NOTES**

CONSISTENCY OF FINE-GRAINED SOILS			RELATIVE DENSITY OF COARSE-GRAINED SOILS	
Unconfined Compressive Strength, Qu, psf	Standard Penetration or N-Value (SS) Blows/Ft	Consistency	Standard Penetration (SPT) or N-Value (SS) Blows/Ft	Relative Density
< 500	<2	Very Soft	0 - 3	Very Loose
500 - 1,000	2 - 3	Soft	4 - 9	Loose
1,001 - 2,000	4 - 7	Firm	10 - 29	Medium Dense
2,001 - 4,000	8 - 16	Stiff	30 - 49	Dense
4,001 - 8,000	17 - 32	Very Stiff	50+	Very Dense
> 8,001	32+	Hard		

SPT penetration test using 140 pound hammer, with 30 inch free fall on 2 inch outside diameter(1-3/8 ID) sampler  
 For ring sampler using 140 lb hammer, with a 30 inch free fall on 3 inch outside diameter (2-1/2 ID) sampler,  
 use N-Value x 0.636 to get Standard N-Value  
 For fine grained soil consistency, thumb penetration used per ASTM D-2488

RELATIVE PROPORTIONS OF SAND AND GRAVEL		GRAIN SIZE TERMINOLOGY	
Descriptive Term of other constituents	Percent of Dry Weight	Major Component of Sample	Particle Size
Trace	< 15	Boulders	Over 12 inches
With	15 - 29	Cobbles	3 inches to 12 inches
Modifier	> 30	Gravel	#4 Sieve to 3 inches
		Sand	#200 Sieve to #4 Sieve
		Silt or Clay	Passing #200 Sieve





















RELATIVE HARDNESS OF CEMENTED SOILS (CALICHE)	
Description	General Characteristics
Very Dense to Moderately Hard	Partially Cemented Granular Soil - Can be carved with a knife and broken with force by hand.
Very Stiff to Moderately Hard	Partially Cemented Fine-Grained Soil - Can be carved with a knife and broken with force by hand.
Moderately Hard	Moderate hammer blow required to break a sample
Hard	Heavy hammer blow required to break a sample
Very Hard	Repeated heavy hammer blow required to break a sample





MOISTURE CLASSIFICATION	
Description*	Degree of Saturation
Dry	0%
Slightly Moist	1% - 50%
Moist	51%-75%
Wet	76% - 99%
Saturated	100%

\*Defined as Condition of Sand

Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 10 of 18)

## BORING LOG LEGEND

MATERIAL DESCRIPTION		
Soil Pattern	USCS Symbol	USCS Classification
	FILL	Artificial Fill
	GP or GW	Poorly/Well graded GRAVEL
	GM	Silty GRAVEL
	GC	Clayey GRAVEL
	GP-GM or GW-GM	Poorly/Well graded GRAVEL with Silt
	GP-GC or GW-GC	Poorly/Well graded GRAVEL with Clay
	SP or SW	Poorly/Well graded SAND
	SM	Silty SAND
	SC	Clayey SAND
	SP-SM or SW-SM	Poorly/Well graded SAND with Silt
	SP-SC or SW-SC	Poorly/Well graded SAND with Clay
	SC-SM	Silty Clayey SAND
	ML	SILT
	MH	Elastic SILT
	CL-ML	Silty CLAY
	CL	Lean CLAY
	CH	Fat CLAY
	PCEM	PARTIALLY CEMENTED
	CEM	CEMENTED
	BDR	BEDROCK

SAMPLING	
	SPT
	Ring Sample
NR	No Recovery
	Bulk Sample
	Water Table

CONSISTENCY							
Cohesionless Soils		Cohesive Soils		Cementation		Bedrock	
VL	Very Loose	So	Soft	MH	Mod. Hard	Fr	Friable
L	Loose	F	Firm	H	Hard	W	Weak
MD	Medium Dense	S	Stiff	VH	Very Hard	MSt	Moderately Strong
D	Dense	VS	Very Stiff			St	Strong
VD	Very Dense					VSt	Very Strong
						ESt	Extremely Strong

Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 11 of 18)

Depth (ft)		SAMPLES			USCS Symbol	BORING NUMBER: B-1	Consistency	LABORATORY TESTING				
		Sample Type	Blows / 6 in.	Soil Pattern				Water Content (%)	Dry Density (pcf)	Swell (%)	Other Testing	
MATERIAL DESCRIPTION AND COMMENTS												
1					GW	Brown Poorly Graded GRAVEL with Silt and Sand; Slightly Moist	L					
2							MD					
3			6									
4			7									
5			10									
5			17		PCEM	Light Brown Partially CEMENTED Sand and Gravel; Slightly Moist	MH					
6			33									
7			46									
8						15 sec/ft						
9												
10		NR	50/1"			20 sec/ft						
11												
12												
13						20 sec/ft						
14												
15		NR	50/2"									
16						<b>Boring Ends at Approximately 15.5 Feet Depth No Groundwater Encountered</b>						
17												
18												
19												
20												



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 12 of 18)

Depth (ft)		SAMPLES			USCS Symbol	BORING NUMBER: B-2	Consistency	LABORATORY TESTING			
		Sample Type	Blows / 6 in.	Soil Pattern				Water Content (%)	Dry Density (pcf)	Swell (%)	Other Testing
<b>MATERIAL DESCRIPTION AND COMMENTS</b>											
1					GW	Brown Poorly Graded GRAVEL with Silt and Sand; Slightly Moist	L				
2							MD				
3			7 11 16								
4					PCEM	Light Brown Partially CEMENTED Sand and Gravel; Slightly Moist	MH				
5											
6			17 15 28			15 sec/ft					
7											
8						20 sec/ft					
9											
10			50/5"								
11											
12						20 sec/ft					
13											
14											
15			32 50/5"								
16											
<b>Boring Ends at Approximately 16.0 Feet Depth No Groundwater Encountered</b>											
17											
18											
19											
20											

Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 13 of 18)

**LABORATORY TESTS RESULTS (13496-LVR)**

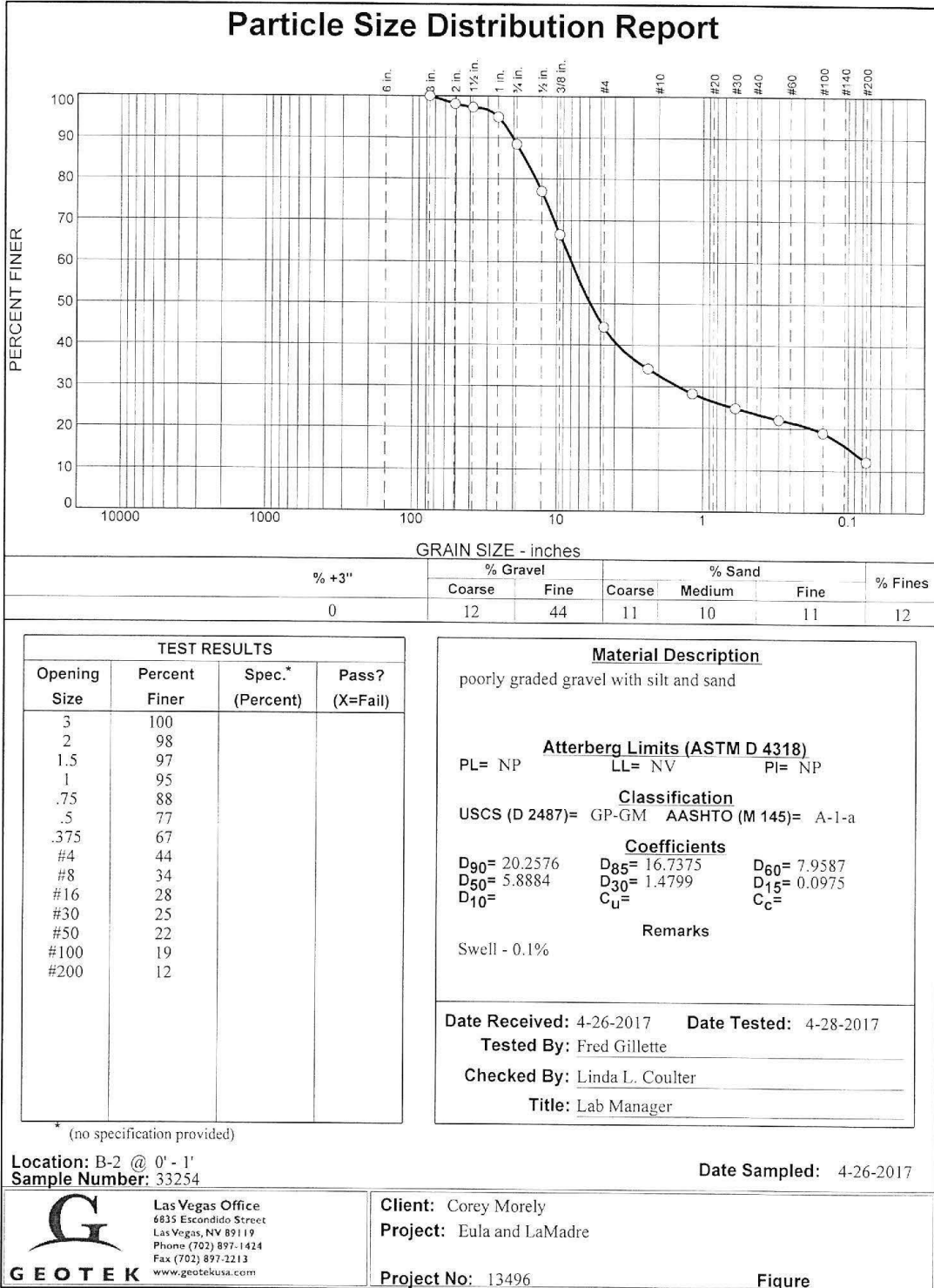
**CHEMICAL TESTING (Sulfates and Chlorides)**

Testing was performed to determine the amount of water-soluble salt in representative samples of the soil. Individual test results denote the percent analyte soluble in water at a 1:5 (soil to water) extraction ratio. The samples were prepared and tested in accordance with SM4500C. Testing to determine the amount of soluble soil chlorides was also performed. The samples were tested in accordance with SM4500CI D. All chemical testing was performed by *Silver State Analytical Laboratories*. Test results are presented below and on the following sheet(s).

Sample Number	33254
Sample Location	<b>B-2</b>
Depth	0.0-1.0'
Test Methods Used	ASTM D2791 SM4500E SM4500CI D
Sampling Method	ASTM D-75
Sample Type (Single or Composite)	Single Location
Sampled By:	J. Hall
Classification of Reduced Soil Sample	Poorly Graded Gravel with Silt and Sand
% Passing #10 Sieve	32%
In-place moisture content	Slightly Moist
Sodium (Percent)	0.01
Water Soluble Sulfate (SO <sub>4</sub> ) (Percent)	<0.01
Total Available Water Soluble Sodium Sulfate (Na <sub>2</sub> SO <sub>4</sub> ) (Percent)	<0.01
Soluble Soil Chlorides (Percent)	<0.01
Solubility (Percent)	0.02



Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 14 of 18)









Attachment C: Original Septic Construction Application for ON0033199 dated December 13, 2021 (Page 18 of 18)



280 S Decatur Blvd  
Las Vegas, Nevada 89107  
702-759-0660 · Fax 702-759-1427

**Instructions for Obtaining Final Inspection of ISDS**

1. All requests for inspection must be received at least 24 hours in advance, please call **759-0660**.
2. The street address must be provided to SNHD and posted on the property.
3. Property lines must be staked prior to final inspection.
4. A SNHD inspection is required before any of the system is backfilled.
5. The following areas must be visible at time of inspection:

**Pipe & Gravel System** (Items A – G Required)                       **Chamber System** (Items A – E, H and I Required)

- A. Entire septic tank. (All lids must be off for inspection of the interior)
  - B. Area around sides of septic tank for review of the soil profile.
  - C. Feeder line from septic tank to header line.
  - D. Entire header line.
  - E. Capped ends of all leach lines or chamber rows.
  - F. With the exception of items C, D and E, the entire leach bed must be covered with untreated building paper or a two inch layer of hay or straw.
  - G. 1" pipe in excavation to measure depth of leach field or trench.
  - H. Install only SNHD approved chamber systems.
  - I. Cracked or damaged chambers are not permitted.
6. **Any change in plot plan must be approved by SNHD** prior to installation of the septic system.
  7. Failure to comply with any of the above instructions or any additional re-inspections will result in a fee of \$275.00 for Residential Permits and Commercial Permits, payable prior to scheduling next inspection.

PERMIT NUMBER	<u>ON0033199</u>	SEPTIC TANK	<u>1,500</u>	gals.	ABSORPTION	<u>1,165</u>	sq.ft.
		(Minimum Capacity)			(Minimum Area)		

The following items apply if marked:

- Multiple inspections and/or special stipulations are required. (See ISDS application for details.)
- Distribution Box (D-box) is required, and prior to inspection, it must be installed on either cast-in-place or on a pre-cast concrete pad that extends three (3) inches beyond its edge. The D-box must be level and outlet pipe from septic tank must be connected to the inlet hole (highest elevation) of D-box.
- In Logandale, Overton areas: A test hole is required. The depth of the hole must be five (5) feet below the bottom of the excavation, and it should be in the immediate vicinity of the absorption area to confirm that no high ground water was encountered.
- Nitrate Removal System is required. The system must be in place and connected to leach field.
- Outlying areas are only inspected one day per week. The day your area is inspected is: \_\_\_\_\_

**CONTRACTOR COPY**

Attachment D: Final Inspection Report for ON0033199 dated December 16, 2021

SOUTHERN NEVADA HEALTH DISTRICT

Permit No. 000033199	Property Owner Morley, Corey + Sally	Address 9935 W Rosada Way Las Vegas, NV 89149					
APN 125-31-301-018	Water Supply 02-Quasi-Municipal Well Not Specified						
Current Action 910	EHS 1121	SERVICE DATE 12/16/2021	STATUS -	TIME IN 1315	TIME OUT 1430	RESULT 34	
TRAVEL MINUTES 8	MILES -	VIOLATIONS ALLEGED -		VIOLATIONS ACTUAL -	FUTURE ACTION -	ACTION 51	
DATE -							

<b>SEPTIC TANK</b>	Total Capacity: Jensen JS 1500 <sup>gallons</sup>					
Number of Compartments:	2			Type:	Concrete <input checked="" type="checkbox"/>	Polyethylene
Dimensions - Length:	10 <sup>feet</sup>	10 <sup>inches</sup>	Width:	5 <sup>feet</sup>	9 <sup>inches</sup>	Liquid Depth: 4'4" <sup>feet</sup>
Distance from Well:	~ 117 <sup>feet</sup>	Dir:	NE	Distance from Foundation:	10.5 <sup>feet</sup>	Dir: N
Nearest Distance from Lot Line:	33 <sup>feet</sup>	Dir:	S	Location:	Front <input checked="" type="checkbox"/>	Side <input type="checkbox"/>
Rear <input type="checkbox"/>						

<b>SUBSOIL DISPOSAL</b>	Effective Absorption Area 1,044 <sup>square feet</sup>					
Distance from Well:	76 <sup>feet</sup>	Dir:	NE	Distance from Foundation:	10.5 <sup>feet</sup>	Dir: N
Nearest Distance from Lot Line:	12 <sup>feet</sup>	Dir:	S	Location:	Front <input checked="" type="checkbox"/>	Side <input type="checkbox"/>
Rear <input type="checkbox"/>						
System Type:	ei-pipe + gravel leach <sup>Not Specified field</sup>		No. Pipes/Chambers:	4	Length of Each Pipe:	37.5 <sup>feet</sup>
Distance Between Pipes:	6.5 <sup>feet</sup>	Total Pipe Length:	150 <sup>feet</sup>	0 <sup>inches</sup>	Depth under Pipe:	1 <sup>feet</sup>
					6 <sup>inches</sup>	
Filter Material:	Gravel			Depth over Pipe:	0 <sup>feet</sup>	2 <sup>inches</sup>
Total Width/Diameter:	24 <sup>feet</sup>	0 <sup>inches</sup>	Total Length:	43 <sup>feet</sup>	6 <sup>inches</sup>	Total Depth: ? <sup>feet</sup>
? <sup>inches</sup>						

**COMMENTS AND/OR VIOLATIONS:** \* Not Approved to Backfill \*

Inspection Notes

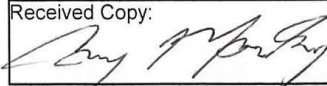
- The septic tank contains the inlet tee, outlet tee, + dividing wall 90
- There's only 2.5ft between tank + field (per supervisor, it will not prevent approval)
- Total depth was not determined at time of inspection. Backfill photo confirmation will be required.

Corrective Actions Required

- There's only 76' between well + field. 100' min is required. → consult with office for possible solutions (septics@snhd.org or 702-759-0660)
- The leach lines are 6" too short → Ensure lines are at least 38'

**Nearest Cross Streets:**

**NOTE:** NO PAVING OR VEHICULAR TRAFFIC ALLOWED OVER INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS) OR TREES WITHIN 10 FEET (10') OF ISDS. THIS INSTALLATION IS APPROVED ONLY UNTIL SEWER IS AVAILABLE.

Received Copy: 	Environmental Health Specialist: BDL	Reviewed By:
---	---	--------------

702-759-1545  
lewisb@snhd.org



Attachment E: Revised Septic Construction Application for ON0033199 dated February 3, 2022  
 (Page 1 of 2)

SOUTHERN NEVADA HEALTH DISTRICT  
 280 SOUTH DECATUR BLVD • PO BOX 3902 • LAS VEGAS, NV • 89127 • 702-759-0660 (DIRECT) • 702-759-1000(24 HOURS)  
 APPLICATION TO CONSTRUCT  
 INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

SYSTEM INFORMATION	
Permit No. ON0033199	
Property Owner Morley, Corey & Sally	
Type of Facility SFR	
Perc Rate	Lot Size 1.03
Minimum ISDS Required	
Septic Tank 1,500	Absorption 815

Fixtures	No.
Shower	1
Water Closet	5
Bath Tub	4
Double Lav	
Single Lav	7
Kitchen Sink	1
Wet Bar	
Clothes Washer	1
Laundry Tab	1
Veggie Sink	
Bidet	
Bar Sink	
Floor Drains	
Drinking Fountain	
Floor Sink	
Commercial Sink	
Trailer park	
Urinals	
Grease/Oil Interceptor	
Sand/Water Interceptor	
Commercial Water Closet	
<b>Total Fixture Units</b>	<b>32</b>

FACILITY INFORMATION			
Jurisdiction Code 0 - Clark County	Emp # EE7000799		
Address 9935 W Rosada WAY			
City Las Vegas	State NV	Zip code 89149	Water Supply Type 02 - Quasi-Municipal Well

OWNER INFORMATION			
Area 949	Telephone 3512994	Ext	
Owner/Contact Morley, Corey & Sally		APN 125-31-301-018	
Street # 9935	Street Name Rosada	City Las Vegas	State NV
		Zip 89149	

**ALL APPLICABLE REQUIREMENTS ARE INCLUDED IN THE CURRENT EDITION OF THE "SOUTHERN NEVADA DISTRICT BOARD OF HEALTH REGULATIONS GOVERNING ISDS AND LIQUID WASTE MANAGEMENT".**

**NOTE: NO PAVING OR VEHICULAR TRAFFIC ALLOWED OVER INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS) OR TREES WITHIN TEN FEET (10') OF ISDS. THIS INSTALLATION IS APPROVED ONLY UNTIL SEWER IS AVAILABLE.**

**COMMENTS:**

Sewer is not available within 400' of the property line per GIS. A 1,500 gallon septic tank and a 840 sqft leach field consisting of 70 Quick4 (3' x 4') chambers will be installed. A distribution box is required.

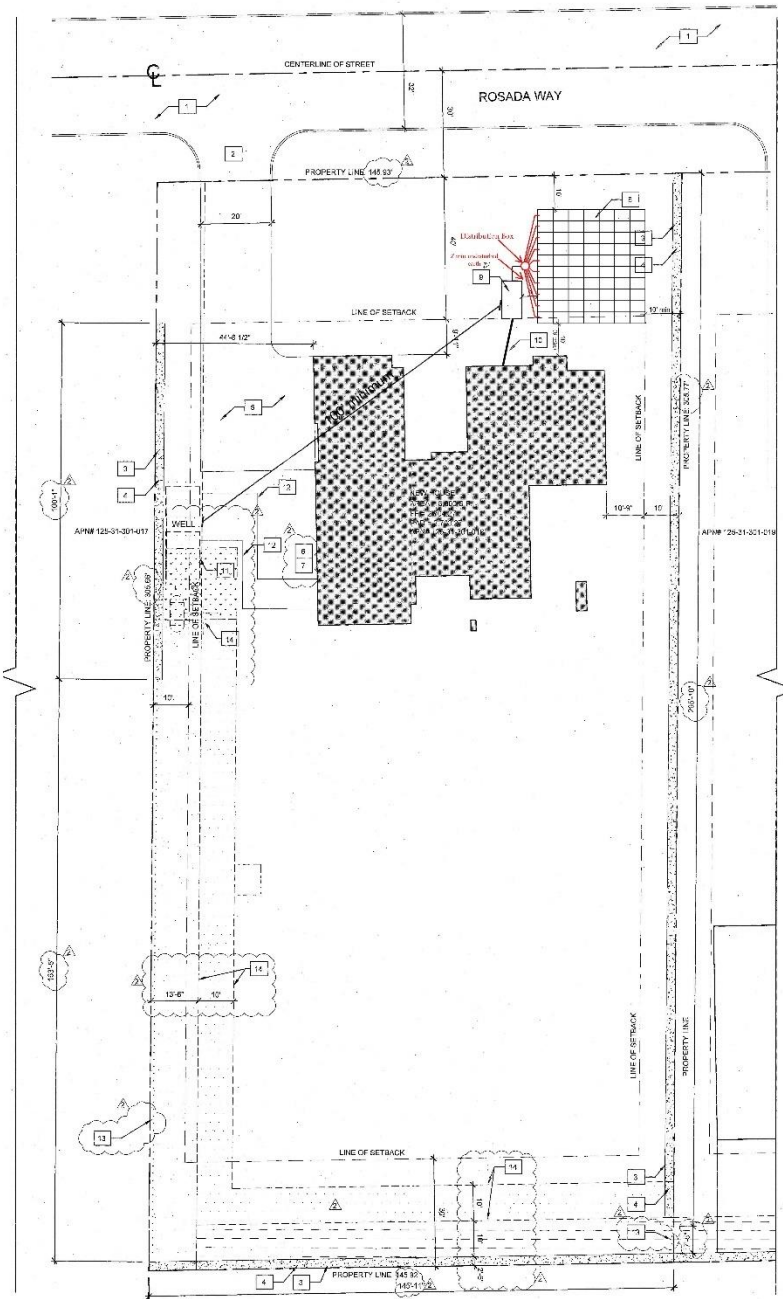
Permit to construct expires one year from: 12/13/2021

Dan Isler  
 Application Approved by

Caity Matthews - Morley Grading  
 Applicant



Attachment E: Revised Septic Construction Application for ON0033199 dated February 3, 2022  
 (Page 2 of 2)



**SITE PLAN KEYNOTES**

1. ASPHALT PAVING (TYPICAL) - REFER TO CIVIL DRAWINGS
2. DRIVEWAY - REFER TO CIVIL DRAWINGS
3. RETAINING WALL - REFER TO CIVIL DRAWINGS
4. 4'-0" HIGH WINDUIGHT IRON VIEW FENCE MOUNTED ON TOP OF RETAINING WALL-CENTER ON WALL - REFER TO STRUCTURAL DRAWINGS
5. VEHICLE PAVED AREA - REFER TO CIVIL DRAWINGS
6. APPROXIMATE LOCATION OF MAIN WATER LINE INTO HOUSE - REFER TO CIVIL & PLUMBING DRAWINGS
7. APPROXIMATE LOCATION OF GAS LINE INTO HOUSE FROM PROPANE TANK - REFER TO PLUMBING DRAWINGS
8. LEACH FIELD - CHAMBER SYSTEM - 840SP 76 Chambers
9. SEPTIC TANK - 1,000 GALLONS
10. LEACH FIELD/SEPTIC TANK UNDERGROUND PIPING - REFER TO PLUMBING DRAWINGS
11. WALL UNDERGROUND STORAGE TANKS - REFER TO PLUMBING DRAWINGS
12. WELL UNDERGROUND PIPING - REFER TO MECHANICAL & PLUMBING DRAWINGS
13. 8'-0" HIGH WINDUIGHT IRON VIEW FENCE MOUNTED ON TOP OF RETAINING WALL - REFER TO STRUCTURAL DRAWINGS
14. LANDSCAPING - REFER TO CIVIL DRAWINGS

**INDIVIDUAL SEWAGE DISPOSAL SYSTEM NOTES**

1. The depth of the leach field must not exceed 3'-0".
2. No trees are allowed within 10' of the septic tank or leach field.
3. No pavement or other impermeable surface is allowed over the leach field. Drivetrags or parking vehicles or other heavy equipment on the septic tank or leach field is prohibited.
4. All underground water lines and pools must be at least 10' from the septic tank and 25' from the leach field.
5. All components of the septic system must be at least 100' from any well.





Attachment F: Final Inspection Report for ON0033199 dated February 10, 2022

SOUTHERN NEVADA HEALTH DISTRICT  
 280 SOUTH DECATUR BLVD • PO BOX 3902 • LAS VEGAS, NV • 89127 • 702-759-0660 (DIRECT) • 702-759-1000(24 HOURS)

Permit No. ON0033199		Property Owner Morley, Corey & Sally			Address 9935 W Rosada WAY Las Vegas, NV 89149			
APN 125-31-301-018				Water Supply 02 - QUASI-MUNICIPAL WELL				
Current Action 910	EHS 1121	SERVICE DATE 02/10/2022	STATUS -	TIME IN 1215	TIME OUT 1330	RESULT <del>33</del> 34		
	TRAVEL MINUTES 75 1100-1215	MILES -	VIOLATIONS ALLEGED -	VIOLATIONS ACTUAL -	FUTURE ACTION -	ACTION 73	DATE -	

<b>SEPTIC TANK</b>	Total Capacity:		1,500 <sup>gallons</sup> gallons Sensen Precast					
Number of Compartments:	2			Type:	Concrete	Y	Polyethylene	
<del>Outside</del> Inside Dimensions - Length:	10 feet	10 inches	Width:	5 feet	9 inches	Liquid Depth:	4 feet	
Distance from Well:	~96 feet	Dir:	NE	Distance from Foundation:	11 <del>102</del> feet	Dir:	N	
Nearest Distance from Lot Line:	32 <del>38</del> feet	Dir:	S	Location:	Front	Y	Side	Rear

<b>SUBSOIL DISPOSAL</b>	Effective Absorption Area		1,044 <sup>square feet</sup> 840ft <sup>2</sup> Quick 4					
Distance from Well:	~105 feet	Dir:	NE	Distance from Foundation:	13.5 <del>11</del> feet	Dir:	N	
Nearest Distance from Lot Line:	18 <del>10</del> feet	Dir:	S	Location:	Front	X	Side	Rear
System Type:	02 - Chamber System Leach Field		No. Pipes/Chambers:	70	Length of Each Pipe:	4 <del>43.0</del> feet		
Distance Between Pipes:	0 feet	Total Pipe Length:	150 feet	0 inches	Depth under Pipe:	4 feet	0 inches	
Filter Material:	Native				Depth over Pipe:	0 feet	2 inches	
Total Width/Diameter:	30 <del>24</del> feet	0 inches	Total Length:	85 <del>43</del> feet	6 inches	Total Depth:	4 feet	6 inches

**COMMENTS AND/OR VIOLATIONS:**


Sewer is not available within 400' of the property line per GIS. A 1,500 gallon septic tank and a 840 sqft leach field consisting of 70 Quick4 (3' x 4') chambers will be installed. A distribution box is required.

Inspection Notes

- one drip guard was not correctly placed → (corrected onsite)
- insufficient airspace on the septic tank inlet tee → (corrected onsite)
- The distribution box appears to be adequately balanced.
- Ensure that 12" to 36" of backfill is provided over the chambers
- Total depth will slope from 4.5' to +2' (south to north)
- Inspector will confirm well distance measurements with aerial imagery. Approval to backfill will depend on those results, Inspector will email whether or not corrective actions are required.

**Nearest Cross Streets:**

**NOTE:** NO PAVING OR VEHICULAR TRAFFIC ALLOWED OVER INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS) OR TREES WITHIN 10 FEET (10') OF ISDS. THIS INSTALLATION IS APPROVED ONLY UNTIL SEWER IS AVAILABLE.

Received Copy:	Environmental Health Specialist:	Reviewed By:
	Bethany Lewis 702-759-1545 lewisb@snhd.org	

Attachment G: Final Inspection Report Follow-up for ON0033199 dated February 15, 2022

**From:** Brittany Lewis  
**Sent:** Tuesday, February 15, 2022 9:28 AM  
**To:** Caity Matthews  
**Subject:** RE: New inspection

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Morning,

I just received an update. Based on last week's visit, there appears to be some overlap between the septic tank and a 100 foot radius from the well head. For final approval, SNHD will require a Nevada Professional Land Surveyor (PLS) to verify that no part of the septic tank is located within 100 feet of the well head. The PLS must provide stamped documentation to SNHD. Alternatively, the septic system may be moved farther east.

Regards,  
Brittany

Brittany Lewis  
Environmental Health Specialist  
Southern Nevada Health District  
[lewisb@snhd.org](mailto:lewisb@snhd.org)  
702.759.1545

**\*\*Please note that field activity may cause delays in responses. I apologize for any inconvenience\*\***

For information on Corona Virus Pandemic Amendments, visit: [Frequently Asked Questions Final.pdf](#)  
([clarkcountynv.gov](http://clarkcountynv.gov))

*DO NOT read, copy or disseminate this communication unless you are the intended addressee. This email and any attachments are confidential, and, except where the email specifically states it can be disclosed; it may also be privileged. If you have received this communication in error, please notify the sender immediately at 702-759-1545 or by return email. Additionally, if received in error, please do not disclose the contents to anyone and delete this email and any attachments. Thank you.*

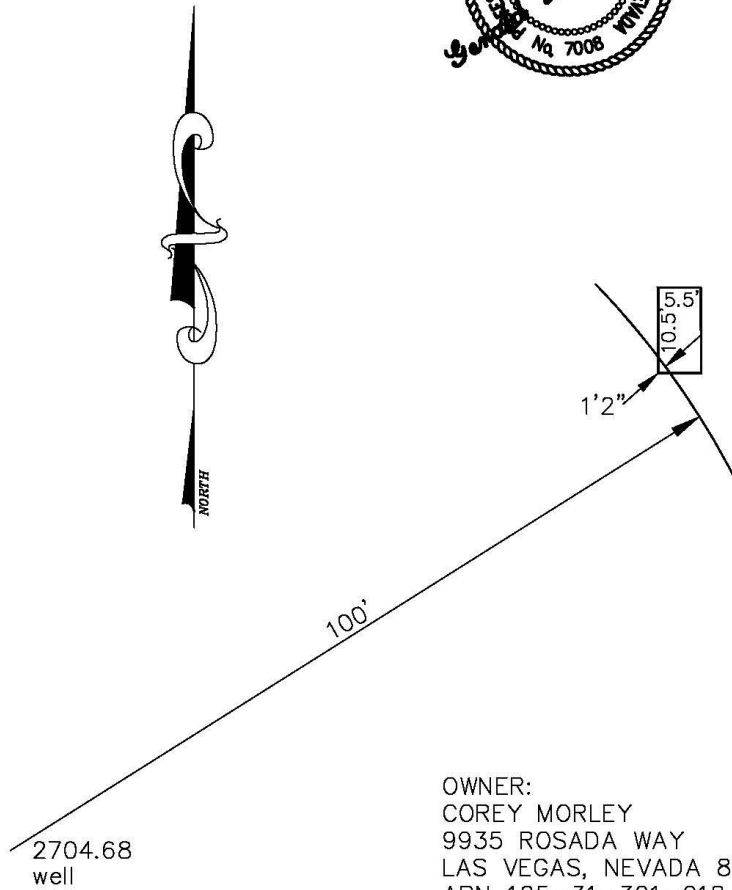
Never be limited by other people's limited imaginations.  
- Dr. Mae Jemison

**From:** Caity Matthews <[caity@morleygrading.com](mailto:caity@morleygrading.com)>  
**Sent:** Tuesday, February 15, 2022 8:43 AM

Attachment H: PLS Exhibit

**WELL-SEPTIC TANK SURVEY RESULTS**

SURVEYORS NOTE:  
I WAS REQUESTED TO LOCATE THE RELATIONSHIP BY DISTANCE  
BETWEEN THE WELL HEAD AND THE SEPTIC TANK, IN WHICH I DID FIND AN  
ENCROACHMENT OF THE TANK, I DID NOT FIND AN ENCROACHMENT OF THE  
INLET OR OUTLET PIPES, OR ANY OF THE LEACH FIELD APPURTENANCES.



OWNER:  
COREY MORLEY  
9935 ROSADA WAY  
LAS VEGAS, NEVADA 89149  
APN 125-31-301-018  
SNHD PERMIT #ON0033199

Attachment I: Well Driller's Log for Shared Well

**STATE OF NEVADA  
 DIVISION OF WATER RESOURCES  
 WELL DRILLER'S REPORT**

OFFICE USE ONLY  
 Log No. 134740  
 Permit No. 88653  
 Basin No. \_\_\_\_\_

PRINT OR TYPE IN BLACK INK ONLY  
 DO NOT WRITE ON BACK

*Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. S2019-445  
 WELL NAME (if applicable) \_\_\_\_\_

1. OWNER/CLIENT NAME Corey & Sandy Morley  
 MAILING ADDRESS 8001 Roxbury Castle Ave  
Las Vegas, NV 89117

DETAILED ADDRESS AT WELL LOCATION  
9935 W Rosada Way, Las Vegas NV 89

2. PLS LOCATION NW SW 1/4 31 19 60  
 PERMIT/WAIVER NO. 88653 125-31-301-018  
(Issued by Water Resources) (Current Permit No.)

Latitude 36.252692 UTM E  NAD 27  
 Longitude 115.313708 UTM N  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Deepen: Orig WL# \_\_\_\_\_  
 Replacement: Original well log # \_\_\_\_\_  
 Recondition: Original well log # \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Monitor  Auger  Rotary  RVC  
 Mining / Dewater  Com / Ind  Stock  Air  Mud  Sonic  
 Test / Other  Mun / QM  Rec  Other

5. WELL TYPE  
 Auger  Rotary  RVC  
 Air  Mud  Sonic  
 Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ	Water Strata	From	To
Cemented gravelly sand			0	60
Sandy gravel			60	300
Cemented sandy gravel			300	600
Cemented sandy gravel, w/some loose zones. Limestone gravels		X	600	800

7. WATER QUALITIES  
 Static water level 480 Feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: \_\_\_\_\_ ° Fahrenheit  
 Water Quality: \_\_\_\_\_

8. WELL TEST DATA

Test Method	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
Airlift	150		

9. WELL CONSTRUCTION  
 Depth Drilled 800 Feet  
 Depth Cased: 800 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
18	0	63
12	63	800

CASING SCHEDULE

Size O D (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.9	8	SDR 17	0	800
12.75	32	.375	+4	63

ANNULAR MATERIALS

Sanitary Seal  Yes  No

Material	From (Feet)	To (Feet)	Pumped	Poured
Neat Cement	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Cement Grout	0	63	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Concrete Grout	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Bentonite Chips	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Gravel Pack [ > 0.2 in. ]	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Sand Pack [ < 0.2 in. ]	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Other, explain _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

PERFORATIONS

Type of perforation: Factory SDR 17 slotted  
 Size of perforation: 0.032

From	To
500	800

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision. This report is true to the best of my knowledge.  
 Name Budget Drilling  
 Address 1170 Darcy Lane, Pahrump NV, 89060  
 Phone 702 306-2138  
 Nevada contractor's license number as issued by the Nevada Contractor's board 77029  
 Nevada well driller's license number as issued by the Nevada Division of Water Resources (permit holder) 2629  
 Signed: \_\_\_\_\_  
 Date: 12-4-19

(Rev. 04-16) USE ADDITIONAL SHEETS IF NECESSARY pg. \_\_\_\_\_ of pg. \_\_\_\_\_



Attachment J: Public Notice



**PUBLIC NOTICE**

The Southern Nevada District Board of Health will conduct a PUBLIC HEARING on Thursday, April 28, 2022 at 9:00 AM during its regular monthly meeting in the Red Rock Conference Room at the Southern Nevada Health District at 280 S. Decatur Blvd., Las Vegas, Nevada, to approve or deny a request filed by Corey Morley ("Petitioner") for a variance from the regulation that prohibits installation of an individual sewage disposal system within 100' of a well on the property located at 9935 W. Rosada Way, Las Vegas, NV 89149, APN 125-31-301-018.

The variance request is made to allow the Petitioner to obtain approval for the installation of a septic system not in accordance with the *Southern Nevada District Board of Health Regulations Governing Individual Sewage Disposal Systems and Liquid Waste Management*. The variance will allow the septic system to remain less than 100' from a domestic well.

All interested persons may appear at the hearing and state their positions. All written and oral submissions will be considered by the Southern Nevada District Board of Health. Written comments must be forwarded by April 27, 2022 to:

Robert Fyda, P.E., REHS  
Environmental Health Engineer/Supervisor  
Southern Nevada Health District  
P.O. Box 3902  
Las Vegas, Nevada 89127  
fyda@snhd.org

The variance application is available for review at the Southern Nevada Health District, 280 S Decatur Blvd, Las Vegas, Nevada 89107. Please contact Mallory Jett-Edwards at (702) 759-0660 to schedule an appointment to review the application during the normal business hours of 8:00 AM to 4:30 PM.

- 5 -

\_\_\_\_\_  
Chris Saxton, MPH-EH, REHS  
Environmental Health Director

April 12, 2022  
Date