



# Shupe Environmental Solutions Inc

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DOPL Licensed Environmental Health Scientist  
DWQ Certified Onsite Wastewater Level 3  
DOPL Licensed Contractor

5630685-2001  
00464-OSP-3  
12011279-5501

## PERCOLATION TEST CERTIFICATE

### Property Information

**2022 Jun 18**

Site Address: ~7600 E 1900 North St Eden

Additional:

Parcel ID: 21-005-0055

Soil Log #: 15326 – Pit# 2

### Percolation Test Hole

Location: USNG 12T UTM 435963-4571464

Test Depth: **45 inches** from existing grade

Hole Preparation: Width 8 inches

Vertical Sidewall Depth 14 inches

Saturation: 2022-06-18

Residual Water Depth: 0 inches

	Start Time	Reference Point	End Time	End Point	Amount Dropped	Elapsed Time	Percolation MPI	Other Factors Affecting Test Results
Start	948.4	0	949.6	6	6	1.2	<b>0.20</b>	
2	951.4	0	953.4	6	6	2.0	<b>0.33</b>	
3	955.1	0	957.2	6	6	2.1	<b>0.35</b>	
4	959.3	0	1001.6	6	6	2.3	<b>0.38</b>	
5	1003.3	0	1005.7	6	6	2.4	<b>0.40</b>	
6	1006.3	0	1008.8	6	6	2.5	<b>0.42</b>	

Health Official: P. Lozano

Witnessed: Tracking Log

### Certified Onsite Professional

I am Level III certified in accordance with UAC Chapter R317-11. I certify that the above test was conducted in accordance with UAC § R317-4-14 Appendix D.

  
SIGNATURE OF CERTIFIED TESTER

2022 Jun 18

DATE OF SIGNATURE

### Perc Hole Construction

- 1) Smear surface removed to expose soil structure (yes/no) Y
- 2) Was 2-3 inches of pea gravel added (yes/no) N
- 3) Was a screen and gravel pack around screen used. (yes/no) Y

If no in high sand or gravel then the hole construction dimension likely will not meet the percolation method standards

**☒ Type 1-2 Soils**

The hole shall be carefully filled with clear water to a minimum depth of 12 inches over the gravel and the time for this amount of water to seep away shall be determined. The procedure shall be repeated and if the water from the second filling of the hole at least 12 inches above the gravel seeps away in 10 minutes or less, the test may proceed immediately as follows:

- 1) The water level shall be filled to 6 inches above the gravel. In no case shall the water depth exceed 6 inches above the gravel. Was it? (yes/no) N
- 2) The test should initially be ran using a 10 minute test. If 6 inches of water seeps away in less than 10 minutes then a shorter duration of 5 minutes may be used. What test time were used? 5

Stabilized and or documented percolation rate for 10, 5 minute test

- 3) Six consecutive time intervals shall be recorded unless two successive water level drops do not vary by more than 1/16 of an inch. How many test intervals were ran? 6
- 4) The stabilized percolation rate is recorded when 2 consecutive test are within 1/16 of an inch of one another. Did the percolation rate stabilize? (yes/no) N
- 5) If no stabilized rate is achieved then the smallest drop shall be used to make the calculation. What is the documented percolation rate? 0.42 MPI

Preparation

