



June 1, 2021

Paul A Hodson  
2543 N 3975 W  
Plain City, UT 84404

RE: Wastewater Site and Soils Evaluation #15058 – Updated Letter  
Approx. 561 N 5500 W Plain City, UT  
Parcel # 15-025-0014

An evaluation of the site and soils (Pit #1) at the above-referenced address was completed by staff of this office on October 1, 2020. A subsequent evaluation of the site and soils (Pits 2&3) at the above-referenced address was completed by staff of this office on May 17, 2021. This letter has been updated to include both the October 1, 2020 information and the May 17, 2021 information.

The exploration pit(s) are located at the referenced GPS coordinate and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #1 (UTM Zone 12 NAD83 0406737 E 4569242 N)

0-23" Silt Loam, Granular/Prismatic Structure

23-40" Silty Clay, Massive Structure, Many Gray Mottles

Groundwater Encountered At @ 40".

**Conduct the required percolation test so that the bottom of the percolation test hole is at 35 inches deep from the original grade.**

Exploration Pit #2 (UTM Zone 12 NAD83 0406724 E 4569300 N)

0-7" Silt Loam, Granular/Blocky Structure, 0.45 gpd/ft<sup>2</sup>

7-23" Silty Clay Loam, Blocky Structure, 0.4 gpd/ft<sup>2</sup> e, h

23-52" Clay Loam, Massive Structure, Common Gray Mottles, e, h

52-96" Silty Clay, Massive Structure, Many Gray Mottles, i

Groundwater Encountered At @ 88".

**Conduct the required percolation test(s) so that the bottom of the percolation test holes are at 20 inches and 40 inches deep from the original grade.**

Exploration Pit #3 (UTM Zone 12 NAD83 0406729 E 4569343 N)

0-7" Silt Loam, Granular/Blocky Structure, 0.45 gpd/ft<sup>2</sup>

7-32" Silty Clay Loam, Blocky/Prismatic Structure, 0.4 gpd/ft<sup>2</sup> e, h

32-50" Clay Loam, Massive Structure, Common Gray Mottles, e, h

50-94" Silty Clay, Massive Structure, Many Gray Mottles, i

Groundwater Encountered At @ 79"

**Conduct the required percolation test(s) so that the bottom of the percolation test holes are at 25 inches and 46 inches deep from the original grade.**

Exploration pits should be backfilled immediately upon completion to prevent a hazardous environment that may cause death or injury to people or animals.

Due to the soil types existing on this property, the final readings of the **percolation tests will need to be witnessed by a representative from the Health Department**. Please make the percolation tester aware of the requirement so that arrangements can be made. Test results will not be accepted if this requirement is not met.

BRIAN COWAN, MPH, LEHS  
Health Officer & Executive Director



Percolation tests may be completed by any individual on the enclosed list. The stabilized percolation test results are to be submitted to this office for review prior to the recommendation for further development to the appropriate planning agency or prior to the issuance of a wastewater disposal permit.

If you have any further questions, contact this office at your convenience.

Sincerely,

Michael Dant, LEHS  
Environmental Health Division  
801-399-7160



## Percolation Test and Soil Exploration Results

Name of Developer / Development: Paul Hodson

Date: 6-23-21

Developers Address: 2543 N 3975 W Plain City

Phone Number: 801-731-1168

Location of Property: 561 N 5500 W Plain City

Name of Person(s) Performing Test(s): J Brad Barto

Date Tested: 6-23-21

Test Hole No. 1		Total Depth Of Hole 35"		Period of Time Hole Saturated 24 Hrs		Depth to Water Table
Initial Depth to Water	Time Began	Final Depth To Water	Time Ended	Distance Water Dropped	Elapsed Time In Minutes	Percolation Rate In Minutes/Inch
14"	2:18	15 1/8"	2:48	1 1/8"	30	
13 7/8"	2:53	14 3/8"	3:23	1/2"	30	
14"	3:24	14 1/2"	3:54	1/2"	30	60.00

### COMMENTS

Test Hole No. 2		Total Depth Of Hole 40"		Period of Time Hole Saturated 24 Hrs		Depth to Water Table
Initial Depth to Water	Time Began	Final Depth To Water	Time Ended	Distance Water Dropped	Elapsed Time In Minutes	Percolation Rate In Minutes/Inch
13 1/8"	2:24	13 3/8"	2:54	1/4"	30	
12 7/8"	2:58	13 3/8"	3:28	1/2"	30	
12"	3:31	12 1/2"	4:01	1/2"	30	60.00

I certify that percolation tests have been conducted on the above property in accordance with requirements specified in the Code of Waste Disposal Regulations, Part IV and V, adopted by the Utah State Board of Health and the Utah Water Pollution Control Board, and that, to the best of my knowledge, the foregoing information is true and correct

Date:

6-23-21

Signed:

J Brad Barto

2965 West 2600 North  
Ogden, Utah 84404



801-731-1442 (Office)  
801-668-5005 (Cell)

## Percolation Test and Soil Exploration Results

Name of Developer / Development: Paul Hodson

Date: 6- 23- 21

Developers Address: 2543 N 3975 W Plain City

Phone Number: 801-731-1168

Location of Property: 561 N 5500 W Plain City

Name of Person(s) Performing Test(s): J Brad Barto

Date Tested: 6-23-21

Test Hole No. 3		Total Depth Of Hole 46"		Period of Time Hole Saturated 24 Hrs		Depth to Water Table
Initial Depth to Water	Time Began	Final Depth To Water	Time Ended	Distance Water Dropped	Elapsed Time In Minutes	Percolation Rate In Minutes/Inch
12"	2:35	12 5/8"	3:05	5/8"	30	
12"	3:07	12 9/16"	3:37	1/2"	30	53.33

### COMMENTS

Test Hole No.		Total Depth Of Hole		Period of Time Hole Saturated		Depth to Water Table
Initial Depth to Water	Time Began	Final Depth To Water	Time Ended	Distance Water Dropped	Elapsed Time In Minutes	Percolation Rate In Minutes/Inch

I certify that percolation tests have been conducted on the above property in accordance with requirements specified in the Code of Waste Disposal Regulations, Part IV and V, adopted by the Utah State Board of Health and the Utah Water Pollution Control Board, and that, to the best of my knowledge, the foregoing information is true and correct

Date:

6-23-21

Signed:

J Brad Barto



## Percolation Test and Soil Exploration Results

Name of Developer / Development: Paul Hodson

Date: 6-24-21

Developers Address: 2543 N 3975 W Plain City

Phone Number: 801-731-1168

Location of Property: 561 N 5500 W Plain City

Name of Person(s) Performing Test(s): J Brad Barto

Date Tested: 6-24-21

Test Hole No. 2		Total Depth Of Hole 20"		Period of Time Hole Saturated 18 Hrs		Depth to Water Table
Initial Depth to Water	Time Began	Final Depth To Water	Time Ended	Distance Water Dropped	Elapsed Time In Minutes	Percolation Rate In Minutes/Inch
14 1/2"	12:00	18 1/2"	12:30	4"	30	
14"	12:40	17 1/4"	1:10	3 1/4"	30	
14"	1:20	17 1/8"	1:50	3 1/8"	30	
14"	1:55	17 1/8"	2:25	3 1/8"	30	9.60

### COMMENTS

Second  
perk  
For Holes  
#2+3

Test Hole No. 3		Total Depth Of Hole 25"		Period of Time Hole Saturated 18 Hrs		Depth to Water Table
Initial Depth to Water	Time Began	Final Depth To Water	Time Ended	Distance Water Dropped	Elapsed Time In Minutes	Percolation Rate In Minutes/Inch
15 3/4"	12:05	16 1/4"	12:35	1/2"	30	
15"	12:45	15 1/2"	1:15	1/2"	30	60.00

I certify that percolation tests have been conducted on the above property in accordance with requirements specified in the Code of Waste Disposal Regulations, Part IV and V, adopted by the Utah State Board of Health and the Utah Water Pollution Control Board, and that, to the best of my knowledge, the foregoing information is true and correct

Date: 6-24-21

Signed:

J Brad Barto