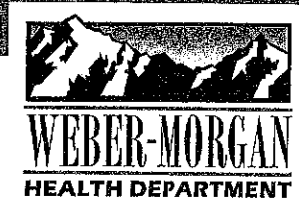


BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director



April 28, 2022

William Ryan Davis
1141 N 2000 W
Clinton, UT 84015

Subject: Water Table Monitoring located at East of 7598 W 900 S in Ogden. Land serial number 100370037.

This letter is to notify you of the results for water table monitoring that was conducted on your property. Water table monitoring was performed from 1/11/2022 through 3/25/2022.

The high water table for the subject property was measured at 21 inches below ground surface throughout the monitoring period. In years where the precipitation falls below seasonal average, State rule allows for an adjusted maximum water table to be used based on one or more of the following criteria.

- i. Regular monitoring of the ground water table, or ground water table, perched, in an observation well for a period of one year, or for the period of the maximum groundwater table
 - (1) Previous ground water records and climatological or other information may be consulted for each site proposed for an onsite wastewater system and may be used to **adjust** the observed maximum ground water table elevation.
- ii. Direct visual observation of the maximum ground water table in a soil exploration pit for:
 - (1) evidence of crystals of salt left by the maximum ground water table; or
 - (2) chemically reduced iron in the soil, reflected by redoximorphic features, i.e. a mottled coloring.
 - (3) Previous ground water records and climatological or other information may be consulted for each site proposed for an onsite wastewater system and may be used to adjust the observed maximum ground water table elevation in determining the anticipated maximum ground water table elevation.
- iii. In cases where the anticipated maximum ground water table is expected to rise to closer than 34 inches from the original ground surface and an alternative or experimental onsite wastewater system would be considered, previous ground water records and climatological or other information shall be used to adjust the observed maximum ground water table in determining the anticipated maximum ground water table.

The water table for the subject property remained below 12 inches throughout the monitoring period. Therefore a **Mound or Packed Bed Media Wastewater Disposal System** would be suitable for the property with respect to water table.

The Weber-Morgan Health Department does not assert that this property meets zoning, subdivision or any other development feasibility requirements.

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If not already accomplished, the following requirements must be satisfied in accordance with Utah Administrative code R317-4 and Weber-Morgan Health Department Onsite Wastewater Treatment System regulation, before the Weber-Morgan Health Department is able to issue a letter of feasibility for residential development on the property:

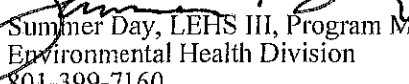
1. Approval of onsite systems in western Weber County is made in accordance with the Ground Water Management Plan for Western Weber County, (adopted by the Weber-Morgan Board of Health 27 August 2001). The plan addresses replacement systems and density requirements.
1. **Drinking water.** Indicate the source. If a private well is used to supply drinking water, the well must be permitted, installed and approved.
2. **Soils Evaluation and Percolation Testing.** Soil exploration pits shall be made at the minimum rate of one exploration pit per lot proposed. Application and guidance for soils evaluation are available at the health department or online at webermorganhealth.org. Percolation tests may be required based on soil types and must be performed by a certified individual. A list of certified individual is available at the health department
3. **Other required site information.** Other requirements may include proof of adequate square footage with a slope of $\leq 25\%$, location to nearest sanitary sewer system, statement of proposed use if other than a single-family dwelling, etc.

Once feasibility has been demonstrated and the following requirements have been satisfied, the health department will then be able to issue an Onsite Wastewater Disposal Permit:

1. **System design.** Alternative systems must be designed by a certified, level 3 onsite systems professional or other qualified professional. The system must be designed in accordance with Utah State Rule, R317-4, Onsite Wastewater Systems and AWeber-Morgan Health Department Rules for Individual Wastewater Systems.
1. **Building plans.** Plans must include the property's dimensions, topographical features, easements, a floor plan (indicating the number of bedrooms and basement, if applicable), driveways and outbuildings and lot dimensions, placement of the onsite system and the location of system replacement area (must accommodate 100% replacement of the original system).
2. **Subdivision plans.** The location of all exploration pits and percolation test holes shall be clearly identified on the subdivision final plat and identified by a key number or letter designation. The results of such soil test, including stratified depths of soils and final percolation rates for each lot shall be recorded on or with the final plat.

Attached is a copy of all water table measurements and observations. Please contact this office or the undersigned at 801-399-7160 if you have questions.

Sincerely,


Summer Day, LEHS III, Program Manager
Environmental Health Division
801-399-7160

2019 WATER TABLE DATA

Name William Ryan Davis
 Address 7598 W 900 S
 Land serial 100370037

| | |
|-----------------|---|
| number of wells | 3 |
| number of sites | 1 |
| total readings | 0 |

| |
|------------|
| Table Key |
| exceed 36" |
| exceed 24" |
| exceed 12" |

| DATE READING # | 1/11/22 | 1/12/22 | 1/20/22 | 1/21/22 | 1/28/22 | 2/4/22 | 2/11/22 | 2/18/22 | 2/25/22 | 3/4/22 | 3/10/22 | 3/18/22 | 3/25/22 | 15 | 16 | 17 | |
|----------------|---------|---------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|---------|----|----|----|----|
| WELL # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1S | | | 31 | | 34 | 36.5 | 38 | 39 | 39.5 | 39 | 36 | 35 | 37.5 | | | | |
| 2N | | | 30 | | 32.5 | 35 | 37 | 38 | 38 | 38 | 35.5 | 33.5 | 36 | | | | |
| 3E | | | 31 | | 34 | 36.5 | 38 | 39 | 39 | 39 | 35 | 35 | 37.5 | | | | |

