



April 5, 2017

Anthony Lyons
7467 W 900 S
Ogden, UT 84404

Subject: Water Table Monitoring located at 7467 W 900 S in Ogden, UT. Land serial # 10-044-0044.

Dear Mr. Lyons:

This letter is to notify you of the results for water table monitoring that was conducted on your property. Monitoring was performed from January 30, 2017 through March 20, 2017.

The water table for the subject property remained below 12 inches throughout the monitoring period. Therefore, a **Mound or Packed Bed Media 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.

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 AGround 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.
2. **Drinking water.** Culinary drinking water must be provided by an approved public water system or an approved private well. Properties to be served by a public water system must provide our office with a letter from the utility company, documenting that the system is capable of provided water to the property. If a private well is to be used, the well must be permitted and approved by a member of this office.
3. **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

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 Weber-Morgan Health Department Rules for Individual Wastewater Systems.
2. **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).
3. **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
Environmental Health Division

2016-2017 WATER TABLE DATA

NAME; Anthony Lyons Mound
 Address; 7467 W 900 S
 Land serial 100440044

DATE				1/30/17	2/8/17	2/13/17	2/21/17	3/1/17	3/7/17	3/13/17	3/20/17
READING #				1	2	3	4	5	6	7	8
WELL #	Total Depth	height to grade	below grade								
1W	88	34	54	25		1.5	12.5	18	22.5	26.5	30
2E	84.5	32.5	52	28	24.5	22	19	17.5	19.5	20.5	23.5
3N	90	32	58	26.5	19.5	6	13	18.5	23.5	27.5	31.5
number of	1			exceed 36"							
number of	3			exceed 24"							
total readings				exceed 12"							

