

BRIAN COWAN, MPH, LEHS  
Health Officer/Executive Director



May 3, 2021

Weber County Planning Commission  
2380 Washington Blvd.  
Ogden, UT 84401

RE: Preliminary Subdivision **Determination**  
Charly's Acres Subdivision, 4 lots  
Parcel #21-026-0050  
Soil log #15086

Gentlemen:

The soil and percolation information for the above-referenced lot have been reviewed. Culinary water will be provided by a private well. **The placement of the well is critical so as to provide the required 100 foot protection zone.** The well will need to be dug, tested and the water supply approved prior to issuance of a wastewater disposal permit.

DESIGN REQUIREMENTS

Lot 1-4: Documented ground water tables not to exceed 60 inches, fall within the range of acceptability for the utilization of a Conventional Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption system is to be designed using a maximum loading rate of 0.45 gal/sq. ft. /day as required for a sandy loam, massive structure soil horizon.

Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

The following items are required for a formal **subdivision review**; application, receipt of the appropriate fee, and a full sized copy of the subdivision plats showing the location of exploration pits and percolation tests as well as the documented soil horizons and percolation rates. A subdivision review will not occur until all items are submitted. Mylars submitted for signature without this information will be returned

Each on-site individual wastewater disposal system must be installed in accordance with R317-4, Utah Administrative Code, Individual Wastewater Disposal Systems and Weber-Morgan District Health Department Rules. Final approval will be given only after an on-site inspection of the completed project and prior to the accomplishment of any backfilling.

Please be advised that the conditions of this letter are valid for a period of 18 months. At that time the site will be re-evaluated in relation to rules in effect at that time.

Sincerely,

Craig Jorgensen, LEHS  
Environmental Health Division  
801-399-7160



April 29, 2021

Jeremy Krause  
2166 E Wild Pine Drive  
Ogden, UT 84403

**Subject: Water Table Monitoring, Located at approximately Approx. 8208 E 500 S in Huntsville, UT. Land Serial #21-026-0050**

Dear Mr. Krause,

This letter is to notify you of the results for water table monitoring conducted on your property. Monitoring was performed from January 8, 2021 through April 9, 2021.

The high water table for the subject property was measured at 64 inches below ground surface throughout the monitoring period. In years where the precipitation falls below season average, State rule allows for an adjusted maximum water table based on one or more of the following.

- (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.

The subject property is suitable for design of an **Conventional Wastewater Disposal System** 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:



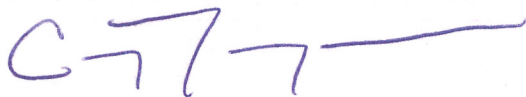
1. **Drinking water.** Indicate the source. If a private well is used to supply drinking water, the well must be permitted, installed and approved.
2. **Soils Evaluation and Percolation Testing.** Soil exploration pits shall be made at the minimum rate of one exploration pit per lot proposed. Application and guidance for soils evaluation are available at the health department or online at [webermorganhealth.org](http://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  $\leq 25\%$  slope, location to nearest sewer, statement of proposed use if other than a single-family dwelling, etc...

After the requirements above are satisfied, the health department will issue a letter of feasibility for the placement of an onsite wastewater disposal system. 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.
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).

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,

A handwritten signature in blue ink, appearing to read 'C Jorgensen', with a long horizontal line extending to the right.

Craig Jorgensen, LEHS  
Environmental Health Division

# 2021 WATER TABLE DATA

Name  
Address  
Land serial

Jeremy Kranse  
Approx 8208 E 500 S  
210260050

number of wells	12
number of sites	4
total readings	0

Table Key
exceed 36"
exceed 24"
exceed 12"

DATE	1/8/21	1/15/21	1/22/21	1/29/21	2/5/21	2/12/21	2/19/21	2/26/21	3/5/21	3/12/21	3/16/21	3/19/21	3/26/21	3/31/21	4/9/21		
READING #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
WELL #	Water Depth																
S1W	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69		
S2N	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67		
S3E	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70		
W1S	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79		
W2W	66	66	66	66	66	66	67	67	67	67	67	67	67	67	67		
W3E	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65		
N1S	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67		
N2W	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67		
N3N	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77		
E1W	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64		
E2N	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64		
E3S	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65		

