



December 14, 2021

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

RE: Greg Allen  
4650 W 950 N  
Parcel #15-027-0061  
Soil log #15091

Gentlemen:

The soil and percolation information for the above-referenced lot have been reviewed. Culinary water will be provided by Taylor-West Weber Water Improvement District, an approved water system. **A letter from the water supplier is required prior to issuance of a permit.**

#### DESIGN REQUIREMENTS

Within 50 feet of Exploration Pit #3 [UTM Zone 12 Nad 83 0408620 E 4569902 N]: Anticipated ground water tables not to exceed 24 inches, fall within the range of acceptability for the utilization of an At-Grade Treatment System as a means of wastewater disposal. Maximum trench depth is limited to 0 inches. The absorption field is to be designed using a maximum loading rate of 0.4 gal/ft<sup>2</sup>/day as required for the clay loam, blocky structure soil horizon.

Within 50 feet of Exploration Pit #4 [UTM Zone 12 Nad 83 0408676 E 4569905 N]: Anticipated ground water tables not to exceed 24 inches and soils with a documented percolation rate of 80 minutes per inch, fall within the range of acceptability for the utilization of a Packed Bed Media Treatment System as a means of wastewater disposal. Maximum trench depth is limited to 12 inches. The absorption field is to be designed using a maximum loading rate of 0.4 gal/ft<sup>2</sup>/day as required for the clay loam, blocky structure soil horizon.

#### ENGINEERING REQUIREMENTS

- Onsite wastewater treatment system drainfields must be placed within 50 feet of their respective exploration pits. Exploration pit locations and identifying labels must be shown on the onsite wastewater treatment system plans that are submitted to this office.
- Multiple locations on this property (Exploration Pits #1 and #2) had failing percolation test results (> 120 minutes per inch). The feasibility of onsite wastewater treatment system placement outside of the above two areas has not been evaluated and is not guaranteed. Additional site and soil evaluations will be required if drainfields are not planned to be placed within 50 feet of either of the above two exploration pit locations.

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,

A handwritten signature in blue ink, appearing to read "Ryan Klinge", written over a horizontal line.

Ryan Klinge  
Environmental Health Division  
801-399-7160