

BRIAN W. BENNION, M.P.A., L.E.H.S.  
Health Officer/Executive Director

December 20, 2019



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

RE: Preliminary Subdivision **Determination**  
Monastery Cover Phase 2, 8 buildable lots  
Parcel #21-037-0014  
Soil log #1864

Gentlemen:

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

DESIGN REQUIREMENTS

Lot 201 & 202: Documented ground water tables not to exceed 42 inches. Due to the gravelly loamy sand, single grain structure soil horizon beginning at 24 inches below grade with a percolation rate lower than 5 minutes per inch the property falls within the range of acceptability for the utilization of a Wisconsin Mound Treatment System. Maximum trench depth is limited to 0 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, granular structure soil horizon.

Lot 203, 204, 205, 206, 207 & 209: Documented ground water tables not to exceed 42 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 0.70 gal/sq. ft. /day as required for a sandy loam, granular structure soil horizon with documented percolation rate between 5- 15 minute per inch.

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,

Summer Day, LEHS  
Environmental Health Division  
801-399-7160

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BRIAN W. BENNION, M.P.A., L.E.H.S.  
Health Officer/Executive Director



October 31, 2019

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

RE: Curtis Hyde Property  
9379 E 1800 S, Huntsville  
Parcel #21-037-0032  
Soil log #14902

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

Documented ground water tables not to exceed 55 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 24 inches. The absorption system is to be designed using a maximum loading rate of 0.55 gal/sq. ft. /day as required for a silty clay loam, prismatic structure soil horizon with a documented percolation rate of 34 minute per inch.

Absorption Area Restriction:

The location of the absorption field is restricted to the area of soil exploration pit #1, located at UTM Zone12 Nad 83 439440E 4564344N. The original and replacement absorption field must be designed outside of the area shown on the attached map as requiring water table monitoring. It must also maintain a 100 foot separation from an area believe to have high ground water.

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

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