November 4, 2014

Derek Pontius

P.O. Box 1022

Eden, UT 84310

RE: Wastewater Site and Soils Evaluation #14106

6429 E 1900 N, Huntsville

Parcel #24-022-0001

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on October 9, 2014. The exploration pit (s) is located at the referenced GPS coordinate and datum. The soil horizons, required percolation depths, actual and anticipated maximum ground water tables have been logged as follows:

Exploration Pit #1 (UTM Zone 12T, Nad 83, 433573E 4571532N)

0-26" sandy loam, granular structure

26-41" silty loam, granular structure

41-82" gravelly loamy sand, single grain structure, 50% gravel, fine-medium gravel

DESIGN REQUIREMENTS

Culinary water will be provided by Eden Water Works, an extension of an existing approved non-community water system. **A letter from the water supplier is required prior to issuance of a permit**.

Anticipated ground water tables not to exceed 48 inches and permissible soils, 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 the silt loam, ganular 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.

Each on-site individual wastewater disposal system must be installed in accordance with R317-501 through R317-513, 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