



# WEBER-MORGAN HEALTH DEPARTMENT

GARY M. HOUSE, M.P.H.  
Health Officer / Director

November 22, 2013

Division Directors  
KAY LARRISON, Administration  
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LOUIS COOPER, Environmental Health  
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Weber County Planning Commission  
2380 Washington Blvd.  
Ogden, UT 84401

RE: Powder Ranch Subdivision  
8800 E. 1300 S., Huntsville  
Parcel #21-035-0065

Gentlemen:

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

## DESIGN REQUIREMENTS FOR EXPLORATION PITS 1, 2, 3, AND 5

Anticipated ground water tables not to exceed 30 inches, fall within the range of acceptability for the utilization of a Mound System as a means of wastewater disposal. Maximum trench depth is limited to 0" inches. Soil characteristics of a clay loam require a maximum loading rate of 0.3 gal/sq. ft. /day.

## DESIGN REQUIREMENTS FOR EXPLORATION PIT 4

Anticipated ground water tables not to exceed 30 inches, fall within the range of acceptability for the utilization of a Packed Bed Media System with a conventional drainfield as a means of wastewater disposal. Maximum trench depth is limited to 18" inches. Soil characteristics of a loamy sand require a maximum loading rate of 0.9 gal/sq. ft. /day.

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,

Scott Braeden, LEHS  
Environmental Health Division  
801-399-7160