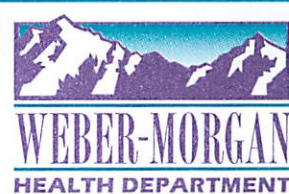


BRIAN W. BENNION, M.P.A., L.E.H.S.  
Health Officer/Executive Director

November 22, 2017



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

RE: Preliminary Subdivision **Determination**  
Nelson Subdivision, 3 lots  
Parcel #22-023-0032  
Soil log #14602

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

Lot1-3: Anticipated ground water tables not to exceed 60 inches, fall within the range of acceptability for the utilization of a Conventional Treatment System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption field is to be designed using a maximum loading rate of 0.45 gal/sq. ft./day as required for the gravelly sandy clay loam, massive structure soil horizon with a documented percolation rate of 8.3 minutes 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.

All subdivisions plats submitted for review **are to show the location of exploration pits and percolation tests as well as the documented soil horizons and percolation rates.** 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.

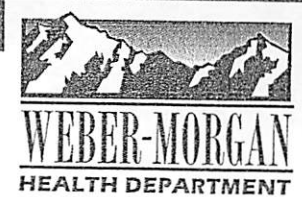
Sincerely,

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

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*EWMA*

phone: 801-399-7100 | fax: 801-399-7110 | 477 23rd Street, Ogden, UT 84401 | [www.webermorganhealth.org](http://www.webermorganhealth.org)

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



November 14, 2017

Gregory Nelson  
4620 S West View Dr  
Salt Lake City, Ut 84124

RE: Wastewater Site and Soils Evaluation #14602  
3240 E 3350 N Eden, Ut 84310  
Parcel # 22-023-0032

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on November 7, 2017. The exploration pit is located on the enclosed plat developed during the site evaluation along with the assigned numerical code for each exploration pit. The soil horizons, required percolation depths, actual and anticipated maximum ground water tables have been logged as follows:

Exploration Pit #1 (UTM Zone 12 Nad 83 0427315 E 4574618 N)

0-20" Loam, granular structure  
20-46" Gravelly clay loam, granular structure, 15% fine gravel  
46-72" Gravelly sandy clay loam, massive structure, 35% fine gravel  
72-111" Gravelly sandy clay loam, massive structure, 75% fine-coarse gravel

Conduct the required percolation test so that the bottom of the percolation test holes are at 60 inches deep from the original grade.

Exploration Pit #2 (UTM Zone 12 Nad 83 0427202 E 4574640 N)

0-36" Loam, granular structure  
36-56" Clay loam, granular structure, 10% fine gravel  
56-104" Gravelly sandy clay loam, massive structure, 55% fine-coarse gravel

Conduct the required percolation test so that the bottom of the percolation test holes are at 42 inches deep from the original grade.

Exploration Pit #3 (UTM Zone 12 Nad 83 0427103 E 4574657 N)

0-33" Loam, granular structure, 10% fine gravel  
33-53" Gravelly sandy clay loam, blocky structure, 55% fine gravel  
53-108" Gravelly sandy clay loam, massive structure, 75% fine-coarse gravel


Conduct the required percolation test so that the bottom of the percolation test holes are at 48 inches deep from the original grade.

Exploration pits should be backfilled immediately upon completion of percolation testing to prevent a hazardous environment that may cause death or injury to people or animals.

Percolation tests may be completed by any individual on the enclosed list. The stabilized percolation test results are to be submitted to this office for review prior to the recommendation for further development to the appropriate planning agency or prior to the issuance of a wastewater disposal permit.

If you have any further questions, contact this office at your convenience.

Sincerely,

  
Tiffany Stauffer, LEHS  
Environmental Health Division  
801-399-7160

TS/gk

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