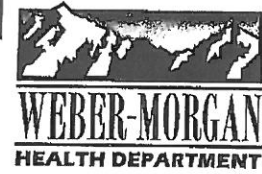


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



December 9, 2015

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

RE: Old Snow Basin Road, Ogden
Parcel #20-035-0021, 20-035-0059, 20-040-0005, 20-040-0006
Soil log #14264

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on December 9, 2015. The exploration pit (s) is located at the referenced GPS coordinate and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #5 (Approximate GPS location, UTM Zone 12 NAD 83 432243 E 4565151 N)
0-53" Clay loam (soft), granular structure 0-6", massive structure 6-53"
53-60" Silty clay loam, massive structure

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

DESIGN REQUIREMENTS

If culinary water will be provided by a private well, the well will need to be dug, tested and the water supply approved prior to issuance of a wastewater disposal permit. The placement of the well is critical so as to provide the required 100 foot protection zone around the well.

Anticipated ground water tables not to exceed 12 inches, fall within the range of acceptability for the utilization of a Mound Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 0 inches. The absorption system is to be designed using a maximum loading rate of 0.22 gal/sq. ft. /day as required for the clay loam soil horizon. The system must be designed for installation in the area of Exploration Pit #5. For feasibility of a Conventional System, additional test pit confirmation will be required.

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 subdivision 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 R317-501 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.

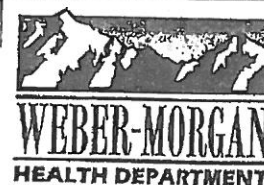
Sincerely,

Michela Gladwell, LEHS
Environmental Health Division
801-399-7160

EDUCATE | ENGAGE | EMPOWER

phone: 801-399-7100 | fax: 801-399-7110 | 477 23rd Street, Ogden, UT 84401 | www.webermorganhealth.org

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



October 20, 2015

Sunrise Oaks Capital Fund, LLC
880 South Main Street
Bountiful, UT 84010

RE: Wastewater Site and Soils Evaluation #14264
Old Snow Basin Road, Ogden
Parcel # 20-035-0021, 20-035-0059, 20-040-0005, 20-040-0006

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on October 15, 2015. 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 432342E 4565247N)

- 0-12" clay loam, granular structure (application rate 0.4 gpd/sq ft(e))
- 12-33" silty clay loam, prismatic structure (application rate 0.35 gpd/sq ft(e)) most restrictive layer
- 33-52" silty clay loam, blocky structure (application rate 0.4 gpd/sq ft(e))
- 52-114" gravelly coarse sandy clay loam, massive structure (application rate 0.4 gpd/sq ft(e))

Conduct the required percolation test so that the bottom of the percolation test holes are at **24 inches**, and **64 inches** deep from the original grade. **Percolation test are to be witnessed** by a member of our staff. Please call ahead to arrange scheduling.

Exploration Pit #2 (UTM Zone 12 Nad 83 432330E 4565015N)

- 0-32" loam, granular structure (application rate 0.5 gpd/sq ft)
- 32-62" silty clay loam, blocky structure (application rate 0.4 gpd/sq ft(e))
- 62-108" coarse sandy clay loam, massive structure, 10% fine gravel-cobble (application rate 0.4 gpd/sq ft(e))

Conduct the required percolation test so that the bottom of the percolation test holes are at **48 inches**, and **70 inches** deep from the original grade. **Percolation test are to be witnessed** by a member of our staff. Please call ahead to arrange scheduling.

Exploration Pit #3 (UTM Zone 12 Nad 83 432351E 4564976N)

- 0-17" loam, granular structure (application rate 0.5 gpd/sq ft)
- 17-75" silty clay loam, blocky structure (application rate 0.4 gpd/sq ft(e)) most restrictive layer
- 75-120" coarse sandy clay loam, massive structure (application rate 0.4 gpd/sq ft(e))

Conduct the required percolation test so that the bottom of the percolation test holes are at **30 inches**, deep from the original grade. **Percolation test are to be witnessed** by a member of our staff. Please call ahead to arrange scheduling.

Exploration Pit #4 (UTM Zone 12 Nad 83 432522E 4564934N)

- 0-12" silty loam, granular structure (application rate 0.45 gpd/sq ft)
- 12-28" silty clay loam, blocky structure (application rate 0.35 gpd/sq ft(e))
- 28-78" clay loam, blocky structure (application rate 0.4 gpd/sq ft(e)) inter-bedded with some reworked sedimentary clast.
- 78-120" Transition from clay loam to fragmented horizontal bedded sedimentary rock.

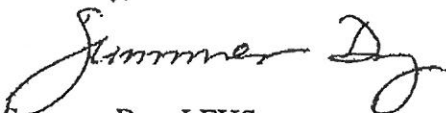
Conduct the required percolation test so that the bottom of the percolation test holes are at **30 inches, and 48 inches** deep from the original grade. **Percolation test are to be witnessed** by a member of our staff. Please call ahead to arrange scheduling. Horizon located at 78-120 will be considered fractured bedrock.

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

A map has been included for reference of soil exploration pit location and nomenclature. Please reference percolation test locations using the exploration numbering given by Weber-Morgan Health Department for consistency in future correspondence.

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

Sincerely,



Summer Day, LEHS
Environmental Health Division