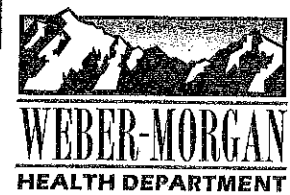


BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director

May 29, 2019



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

RE: Preliminary Subdivision **Determination**
Mountain View Land and Livestock Subdivision, 21 lots
Parcel #10-040-0029
Soil-log #15126

Gentlemen:

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

DESIGN REQUIREMENTS

Lot 1, 3, 5, 8, 12, 14, and 18: Documented ground water tables not to exceed 24 inches, fall within the range of acceptability for the utilization of an At-grade Wastewater 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 0.40 gal/sq. ft. /day as required for a fine sandy loam, massive structure soil horizon.

Lot 2, 4, 6, 7, 10, 16, 19, and 21: Documented ground water tables not to exceed 24 inches, fall within the range of acceptability for the utilization of an At-grade Wastewater 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 0.45 gal/sq. ft. /day as required for a sandy loam, massive structure soil horizon.

Lots 9, 11, 13, 15, 17

Documented ground water tables not to exceeding 24 inches, fall within the range of acceptability for the utilization of a Mound Treatment System or a Packed Bed Media System followed by an At-Grade or drip irrigation absorption area, as a means of wastewater disposal. Maximum absorption area depth is limited to 0 inches. As defined in the Utah Administrative Code R317-4 Table 6 the absorption area is to be designed using a maximum loading rate of 0.22 gal/sq. ft./day for a Mound absorption area, or 0.45 gal/sq. ft./day for the At-Grade or drip irrigation absorption area as required for the sandy loam, massive structure soil horizon.

Lots 9, 11, 13, 15, 17 additional work required for At-Grade consideration

Percolation tests could not be ran at the time of the original soil evaluation work, due to depth of ground water table. For consideration of an At-Grade wastewater system feasibility on these lots, please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches dep from the original grade.

Lot 20 Additional Work Required: For the feasibility determination on this lot, please conduct the required percolation test so that the bottom of the percolation test hole is at 36 inches dep from the original grade.

ENGINEERING CONSIDERATIONS

- 1) The large storm water/drainage ditch will need to be enclosed for LOT1 and LOT2 to be easily engineered for an At-grade Wastewater Disposal System. If the storm water/drainage ditch is not enclosed, these lots may require a Packed Bed Media system. This item will be reviewed through the subdivision process.
- 2) Additional information will be required to evaluated any impact the 1.6 acre irrigation pond may have on the adjacent lots.

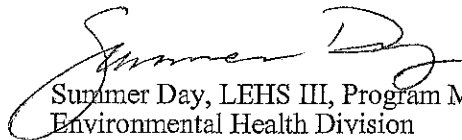
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The following items are required for a formal **subdivision review**; application, receipt of the appropriate fee, and a full sized copy of the subdivision plats showing the location of exploration pits and percolation tests as well as the documented 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.

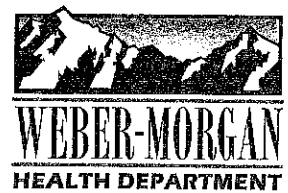
Sincerely,

A handwritten signature in dark ink, appearing to read "Summer Day", is written over the printed name.

Summer Day, LEHS III, Program Manager
Environmental Health Division
801-399-7160

BRIAN COWAN, MPH, LEHS
Health Officer/Executive Director

May 4, 2021



John Price
646 S 7900 W
Ogden, Utah 84404

RE: Wastewater Site and Soils Evaluation #15126
1900 S 7500 W, Ogden UT
Parcel # 10-048-0030

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on April 8, 2021. 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 #1 (UTM Zone 12 Nad 83 0402610 E 4565215 N)
0-23" Fine Sandy Loam, Granular Structure
23-34" Loam, Massive Structure, Few Red Mottles
34-54" Fine Sandy Loam, Massive Structure, Common Red Mottles
Groundwater Encountered At 54"

Exploration Pit #2 (UTM Zone 12 Nad 83 0402607 E 4565180 N)
0-20" Sandy Loam, Granular Structure
20-60" Sandy Loam, Massive Structure
Groundwater Encountered At 54"

Exploration Pit #3 (UTM Zone 12 Nad 83 0402584 E 4565223 N)
0-18" Sandy Loam, Granular Structure
18-42" Sandy Loam, Massive Structure
42-60" Fine Sandy Loam, Massive Structure, Common Red Mottles, compacted layer
Groundwater Encountered At 59"

Exploration Pit #4 (UTM Zone 12 Nad 83 0402540 E 4565224 N)
0-10" Sandy Loam, Granular Structure
10-13" Sandy Loam, Blocky Structure
13-56" Sandy Loam, Massive Structure
56-58" Sandy Loam with Gravelly Like Sandstone Material, Massive Structure, Common Red Mottles
Groundwater Encountered At 58"

Exploration Pit #5 (UTM Zone 12 Nad 83 0402499 E 4565227 N)
0-19" Fine Sandy Loam, Granular Structure
19-43" Fine Sandy Loam, Blocky Structure
43-47" Fine Sandy Loam, Massive/Platy Structure (Very Compact, possible Caliche or chemical soil), Common Red Mottles
47-49" Fine Sandy Loam, Massive Structure
Groundwater Encountered At 49"

Exploration Pit #6 (UTM Zone 12 Nad 83 0402456 E 4565230 N)
0-16" Sandy Loam, Granular Structure
16-47" Sandy Loam, Massive Structure
Groundwater Encountered At 47"

Exploration Pit #7 (UTM Zone 12 Nad 83 0402416 E 4565232 N)
0-16" Sandy Loam, Granular Structure
16-31" Sandy Loam, Massive Structure
31-50" Sandy Loam (Possible Loamy Sand), Massive Structure
Groundwater Encountered At 50"

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

Exploration Pit #8 (UTM Zone 12 Nad 83 0402380 E 4565232 N) Pit Adjacent to Large Area of Cat Tails

0-14" Fine Sandy Loam, Granular Structure
14-22" Fine Sandy Loam, Blocky Structure
22-34" Fine Sandy Loam, Massive Structure, Common Red Mottles
34-47" Fine Sandy Loam, Massive Structure, Many Red Mottles
Groundwater Encountered At 47"

Exploration Pit #9 (UTM Zone 12 Nad 83 0402320 E 4565198 N)

0-6" Fill (Roadway Area)
6-43" Sandy Loam, Massive Structure
43-54" Silt Loam, Massive/Blocky Structure, Many Grey Mottles
Groundwater Encountered At 54"

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #10 (UTM Zone 12 Nad 83 0402283 E 4565201 N)

0-15" Loam, Granular Structure
15-27" Fine Sandy Loam, Blocky Structure, Few Red Mottles
27-50" Sandy Loam, Massive Structure, Few Red Mottles
Groundwater Encountered At 50"

Exploration Pit #11 (UTM Zone 12 Nad 83 402291 E 4565088 N)

0-18" Sandy Loam, Granular Structure
18-34" Loam, Blocky Structure
34-39" Loamy Sand, Single Grain Structure
39-55" Silt Loam w/ Fine Sandy Loam Lens', Massive Structure, Many Grey Mottles
Groundwater Encountered At 55"

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #12 (UTM Zone 12 Nad 83 402328 E 4565091 N)

0-16" Fine Sandy Loam, Granular Structure
16-20" Fine Sandy Loam, Granular Structure near Platy Structure, Compact, possible Caliche or chemical soil)
20-42" Fine Sandy Loam, Massive Structure, Many Red Mottles
42-56" Sandy Loam, Single Grained Structure when dry
Groundwater Encountered At 56"

Exploration Pit #13 (UTM Zone 12 Nad 83 402301 E 4565043 N)

0-18" Sandy Loam, Granular Structure
18-42" Sandy Loam, Massive Structure
42-60" Fine Sandy Loam w/ Silt Loam Lens', Massive Structure

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #14 (UTM Zone 12 Nad 83 402277 E 4564978 N)

0-16" Sandy Loam, Granular Structure
16-42" Fine Sandy Loam, Massive Structure
42-46" Very Fine Sandy Loam, Massive Structure, Many Red Mottles
46-60" Loamy Sand, Single Grain Structure, Many Red Mottles
Groundwater Encountered At 58"

Exploration Pit #15 (UTM Zone 12 Nad 83 402379 E 4564958 N)

0-18" Loam, Granular Structure
18-46" Fine Sandy Loam, Blocky Structure, Common Red Mottles Below 40"
46-53" Silt Loam, Massive Structure, Many Red Mottles
Groundwater Encountered At 53"

For consideration of an At-Grade wastewater system feasibility please conduct the required

percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #16 (UTM Zone 12 Nad 83 402372 E 4565038 N)

0-16" Sandy Loam, Granular Structure
16-25" Sandy Loam, Massive Structure,
25-36" Sandy Loam (near loamy sand), Massive Structure/ Single Grained Structure when dry.
36-60" Fine Sandy Loam, Platy Structure, Many Red Mottles

Exploration Pit #17 (UTM Zone 12 Nad 83 402394 E 4565091 N)

0-16" Fine Sandy Loam, Granular Structure
16-46" Fine Sandy Loam, Blocky Structure, Few Red Mottles Below 36"
46-49" Silt Loam, Massive Structure, Many Red Mottles
Groundwater Encountered At 49"

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #18 (UTM Zone 12 Nad 83 402445 E 4565091 N)

0-18" Sandy Loam, Granular Structure
18-34" Sandy Loam, Blocky Structure
34-56" Fine Sandy Loam, Massive Structure
Groundwater Encountered At 56"

Exploration Pit #19 (UTM Zone 12 Nad 83 402492 E 4565094 N)

0-21" Sandy Loam, Granular Structure
21-48" Sandy Loam, Massive Structure
48-60" Loamy Sand, Massive Structure/ Single Grained Structure when dry.
Groundwater Encountered At 60"

Exploration Pit #20 (UTM Zone 12 Nad 83 402532 E 4565103 N)

0-17" Fine Sandy Loam, Granular Structure
17-28" Fine Sandy Loam, Blocky Structure
28-45" Silt Loam, Massive Structure, Many Red Mottles
45-54" Fine Sandy Loam near Fine Loamy Sand, Massive Structure/ Single Grained Structure when dry., Many Red Mottles
Groundwater Encountered At 54"

Conduct the required percolation test so that the bottom of the percolation test hole is at 36 inches deep from the original grade

Exploration Pit #21 (UTM Zone 12 Nad 83 402577 E 4565102 N)

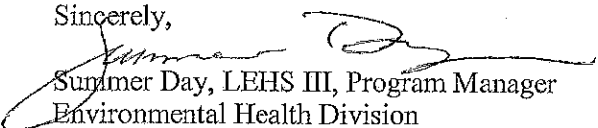
0-12" Sandy Loam, Granular Structure
12-36" Sandy Loam, Blocky Structure
36-58" Sandy Loam, Massive Structure
Groundwater Encountered At 58"

Exploration pits should be backfilled immediately upon completion 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,


Summer Day, LEHS III, Program Manager
Environmental Health Division
801-399-7160