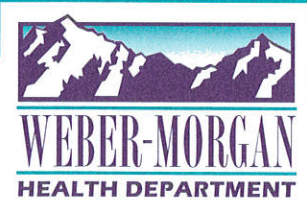


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



March 25, 2015

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

RE: Steven Flint Property, Lot 2
Parcel #15-060-0149
Soil log # 14119

Gentlemen:

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

DESIGN REQUIREMENTS

Documentation ground water tables not to exceed 18 inches, fall within the range of acceptability for the utilization of a Wisconsin Mound 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 0.25 gal/sq. ft. /day as required for the loam, granular structure soil horizon.

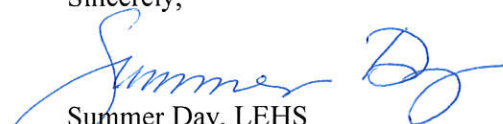
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

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 R317-501 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

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

4215- elev 4218 flood plan



March 25, 2015

Steve Flint
1589 W 2100 S
Ogden, UT 84401

Subject: Water Table Monitoring, Located at approximately 1535 S 2900 W in West Haven UT. Land Serial #15-060-0149

Dear : Mr. Flint

This letter is to notify you of the results for water table monitoring conducted on your property. Monitoring was performed from November 12, 2014 through March 16, 2015.

The high water table for the subject property was measured at 18 inches below ground surface throughout the monitoring period. In years where the precipitation falls below season average, State rule allows for an adjusted maximum water table based on one or more of the following.

- (1) Previous ground water records and climatological or other information may be consulted for each site proposed for an onsite wastewater system and may be used to adjust the observed maximum ground water table elevation.
- ii. Direct visual observation of the maximum ground water table in a soil exploration pit for:
 - (1) evidence of crystals of salt left by the maximum ground water table; or
 - (2) chemically reduced iron in the soil, reflected by redoximorphic features, i.e. a mottled coloring.
- (3) Previous ground water records and climatological or other information may be consulted for each site proposed for an onsite wastewater system and may be used to adjust the observed maximum ground water table elevation in determining the anticipated maximum ground water table elevation.

The subject property is suitable for design of a **Wisconsin Mound Wastewater Disposal System** with respect to water table. The Weber-Morgan Health Department does not assert that this property meets zoning, subdivision or any other development feasibility requirements.

If not already accomplished, the following requirements must be satisfied in accordance with Utah Administrative code R317-4 and Weber-Morgan Health Department Onsite Wastewater Treatment System regulation, before the Weber-Morgan Health Department is able to issue a letter of feasibility for residential development on the property:

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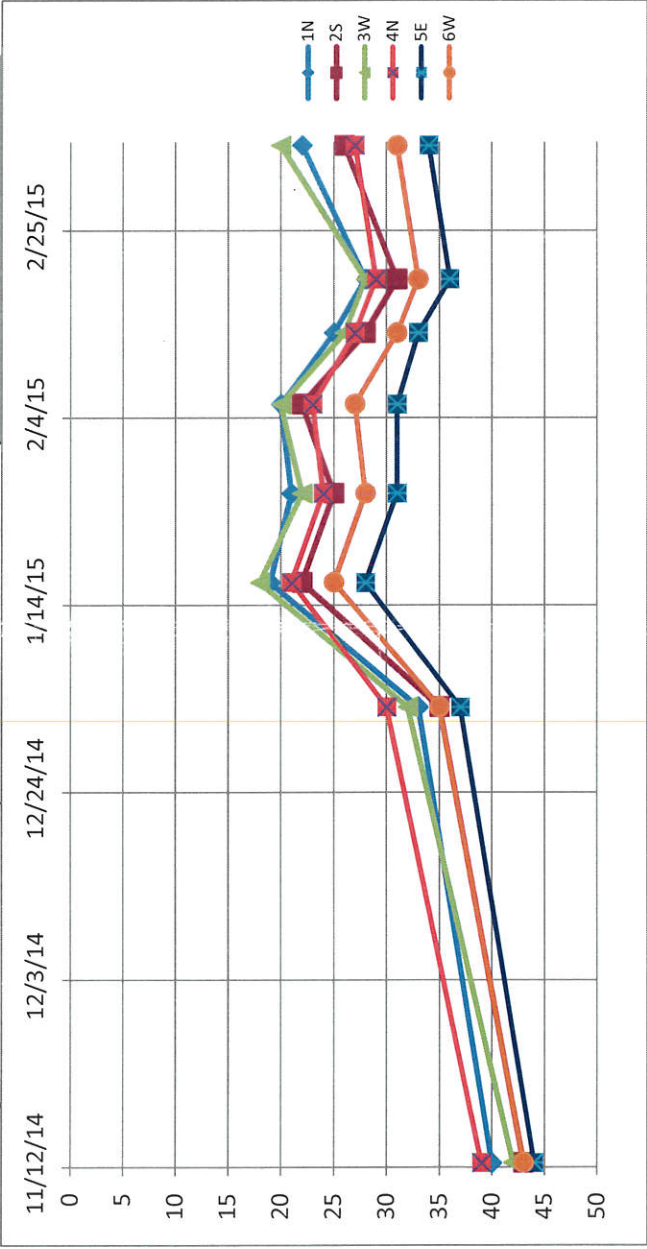
phone: 801-399-7100 | fax: 801-399-7110 | 477 23rd Street, Ogden, UT 84401 | www.webermorganhealth.org

2015 WATER TABLE DATA

NAME; Steve Flint
Address; 1535 S 2900 W
Subdivision
Land serial 150600149
 soil log 14119

DATE	11/12/14	1/2/15	1/16/15	1/26/15	2/5/15	2/13/15	2/19/15	3/6/15					
READING #	1	2	3	4	5	6	7	8					
WELL #	Total Depth	height to grade	pipe below grade										
1S	91	30	61	40	33	19	21	20	25	28	22	411919	4565920
2E	94	29	65	43	35	22	25	22	28	31	26	411938	4565925
3W	86	28	58	42	32	18	22	20	26	28	20	411920	4565933
4S	87	28	59	39	30	21	24	23	27	29	27	411978	4566015
5E	101	29	72	44	37	28	31	31	33	36	34	411992	4566022
6W	90	29	61	43	35	25	28	27	31	33	31	411974	4566037
number of sites	2												
number of wells	6												
total readings	48												

exceed 36"
 exceed 24"
 exceed 12"



1. **Drinking water.** Indicate the source. If a private well is used to supply drinking water, the well must be permitted, installed and approved.
2. **Soils Evaluation and Percolation Testing.** Soil exploration pits shall be made at the minimum rate of one exploration pit per lot proposed. Application and guidance for soils evaluation are available at the health department or online at webermorganhealth.org. Percolation tests may be required based on soil types and must be performed by a certified individual. A list of certified individual is available at the health department
3. **Other required site information.** Other requirements may include proof of adequate square footage $\leq 25\%$ slope, location to nearest sewer, statement of proposed use if other than a single-family dwelling, etc...

After the requirements above are satisfied, the health department will issue a letter of feasibility for the placement of an onsite wastewater disposal system. Once feasibility has been demonstrated, and the following requirements have been satisfied, the health department will then be able to issue an Onsite Wastewater Disposal Permit:

1. **System design.** Alternative systems must be designed by a certified, level 3 onsite systems professional or other qualified professional. The system must be designed in accordance with Utah State Rule, R317-4, Onsite Wastewater Systems and AWeber-Morgan Health Department Rules for Individual Wastewater Systems.
2. **Building plans.** Plans must include the property=s dimensions, topographical features, easements, a floor plan (indicating the number of bedrooms and basement, if applicable), driveways and outbuildings and lot dimensions, placement of the onsite system and the location of system replacement area (must accommodate 100% replacement of the original system).

Attached is a copy of all water table measurements and observations. Please contact this office or the undersigned at 801-399-7160 if you have questions.

Sincerely,



Summer Day, LEHS
Environmental Health Division