



WEBER-MORGAN HEALTH DEPARTMENT

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

November 18, 2013

Division Directors
KAY LARRISON, Administration
CLAUDIA PRICE, Nursing & Health Promotion
LOUIS COOPER, Environmental Health
COLLEEN JENSON, WIC

Ogden Valley Community Church
405 S. 9500 E.
Huntsville, UT 84317

RE: **Private Well Approval at:**
9200 E. 100 S.
Huntsville, UT 84317
Parcel # 21-022-0005

Dear Mr. Wilson:

The application for approval of the above referenced well has been submitted for review to determine conformance to the Weber-Morgan District Health Department Regulations for Installation and Approval of Nonpublic Water System Serving 1-14 Connections.

The following have been submitted:


1. The Water Right Number: E5327 (35-12778)
2. Well driller license #654
3. The well is 120 feet deep with a Bentonite clay grout to a depth greater than 30 feet.
4. The well yields greater than 10 GPM with a drawdown of 75 feet in 1 hour.
5. The water samples for the partial inorganic analysis was submitted to Chem Tech Ford Laboratory on October 04, 2013. The water analysis was satisfactory.
6. A bacteriological water sample was collected by staff of this department on October 29, 2013. The water analysis was satisfactory.
7. This is not a shared well.

The required 100 foot protection zone around the well must be kept free from any septic tank absorption systems, garbage dumps, hazardous and toxic material storage or disposal sites, feed lots and other concentrated sources of pollution. We would recommend that a bacteriological sample be collected and submitted for analysis on an annual basis.

Based on compliance with the above requirements, the Health Department considers this an approved well for culinary purposes.

Please contact our office at 399-7160 if you have further questions.

Sincerely,


Summer Day, LEHS
Division of Environmental Health



WEBER-MORGAN HEALTH DEPARTMENT

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

June 11, 2013

Division Directors
KAY LARRISON, Administration
CLAUDIA PRICE, Nursing & Health Promotion
LOUIS COOPER, Environmental Health
COLLEEN JENSON, WIC

Ogden Valley Community Church
Steve Wilson
405 S. 9500 E.
Huntsville UT 84317

RE: Wastewater Site and Soils Evaluation #13938
Approx 9200 E. 100 S., Huntsville
Parcel #21-022-0005

Dear Mr. Wilson:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on June 6, 2013. The exploration pit (s) is located at the referenced GPS coordinate and datum. 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 (12T) 438989 E 4568150 N)
0-27" gravelly loam, granular structure, 25% gravel
27-88" gravelly loamy sand, single grain structure, 75% gravel

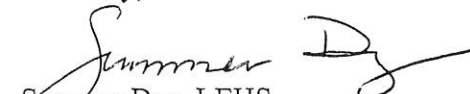
Exploration pits should be backfilled immediately upon completion of percolation testing to prevent a hazardous environment that may cause death or injury to people or animals.

Conduct the percolation tests so that the bottom of the percolation test holes are at 24 inches deep from the original grade.

Percolation tests may be completed by any individual included 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
Environmental Health Division

SD/jc



WEBER-MORGAN HEALTH DEPARTMENT

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

November 18, 2013

Division Directors
KAY LARRISON, Administration
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Ogden Valley Community Church
405 S. 9500 E.
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Based on compliance with the above requirements, the Health Department considers this an approved well for culinary purposes.

Please contact our office at 399-7160 if you have further questions.

Sincerely,


Summer Day, LEHS
Division of Environmental Health

EBER-MORGAN HEALTH DEPARTMENT
477 23RD STREET
OGDEN, UT 84401
(801) 399-7160

300 lb/bag x 30ft = 90
 900 lb / 50 lb/bag = 18 bags

12" = 54.0 lb/ft
 8" = 24.0 lb/ft
 = 30.0 lb/ft

INSPECTION OF PRIVATE WELL SEALING / GROUTING

Property Owner / Parcel # Ogden Valley Community / 21-022-0005

Well location: Church
 Address: 9200 E 100 S

GPS/UTMA Huntsville UT 84317
UTM Zone 12 NAD 83 Satellite Excellent (w) ± 30ft
0439077 E 4568188 N

Well driller Bob Sutton
 Company _____ phone # 801-721-8861
 Drill Type: Cable

Depth of well 120' Depth of seal (minimum 30') 30' +
 Diameter of well casing 4.8 Type of well casing steel
 Diameter of conductor pipe 4.2
 (Note: Annular space must be minimum 2")

Distance of well casing above surrounding ground (minimum 18") _____

Grout Manufacturer	# of buckets / bags used					Weight of grout per bucket / bag
	Coated Bentonite, unhydrated	Non-coated bentonite, unhydrated	Neat cement	Cement	Other, explain	
<u>Cetco Portland</u>						<u>50 lb / bag</u>

Grout tremied? (required for grouting of 50' or deeper) YES NO N/A

100 ft protection zone(s) provided? YES NO
 If "NO", explain: _____

Well grouted by (signature): Robert Sutton date: _____
 Witnessed by (signature): James Smith Braiden date: 9/17/2013

Grouting start time: 10:00 am Grouting end time: 8:20 am

Comments: Water @ 30' inside well casing. No H₂O between 9" & 12" - 20 50lb bags added to get to 30' below grade when grouting - 25 bags @ 30' below grade



WEBER-MORGAN HEALTH DEPARTMENT

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

June 12, 2013

Division Directors
KAY LARRISON, Administration
CLAUDIA PRICE, Nursing & Health Promotion
LOUIS COOPER, Environmental Health
COLLEEN JENSON, WIC

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

RE: Ogden Valley Community Church, 1 Lot
9200 E. 100 S. (Hwy 39), Huntsville
Parcel #21-022-0005

Gentlemen:

The plans and supporting information for the above-referenced subdivision 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.

Soil characteristics, percolation rates of 15 MPI, and anticipated ground water tables not to exceed 48 inches, fall within the range of acceptability for the utilization of a Conventional Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches.

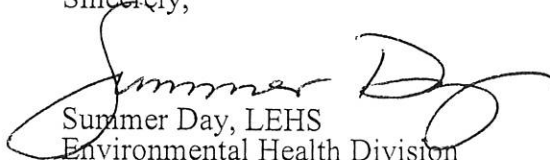
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

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,


Summer Day, LEHS
Environmental Health Division

SD/jc