



November 17, 2015

MaryAnn Holley
1287 N 7000 E
Huntsville, UT 84317

RE: **Private Well Approval at:**
800 N 7800 E, Huntsville, UT
Parcel #

Dear Ms. Holley:

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: E5109 (35-12476)
2. Well driller license #5277
3. The well is 251 feet deep with a "Bentonite Grout Cetco Pure Gold" seal to a depth of 30 ft.
4. The grout sealing was not witnessed by the Weber-Morgan Health Department.
5. The well yields 60 GPM with a 38 foot drawdown in 1 hr.
6. The water samples for the partial inorganic analysis were submitted to Chem Tech Ford Laboratory on November 2, 2015. The water analysis was satisfactory.
7. A bacteriological water sample was collected by staff of this department on November 2, 2015. The water analysis was satisfactory.
8. 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,

Michela Gladwell, LEHS
Division of Environmental Health
MG/nm



CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1512558-01

<p>Name: Weber Morgan Health Department</p> <p>Sample Site: 800 North 7800 East</p> <p>Comments: Mary Ann Holley</p> <p>Sample Matrix: Drinking Water</p> <p>PO Number:</p> <p>Source Code:</p>	<p>Sample Date: 11/2/2015 1:50 PM</p> <p>Receipt Date: 11/2/2015 1:50 PM</p> <p>Sampler: Michela Gladwell</p> <p>Project:</p> <p>System No.:</p> <p>Report to State:</p>
Sample Point:	

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic								
Cyanide, Free	ND	0.2	0.016	mg/L	SM 4500 CN-E	11/05/2015 13:30	11/5/2015 13:30	
Fluoride	0.2	4	0.1	mg/L	EPA 300.0	11/04/2015 17:00	11/4/2015 17:00	
Nitrate as N	0.2	10	0.1	mg/L	EPA 300.0	11/03/2015 14:00	11/3/2015 14:00	
Nitrite as N	ND	1	1.0	mg/L	EPA 300.0	11/04/2015 13:00	11/4/2015 13:00	
Sulfate	6	250	1	mg/L	EPA 300.0	11/04/2015 17:00	11/4/2015 17:00	
Total Dissolved Solids (TDS)	1510	1000	20	mg/L	SM 2540 C	11/09/2015 09:00	11/9/2015 9:00	
Metals								
Antimony, Total	ND	0.006	0.0005	mg/L	EPA 200.8	11/05/2015 12:00	11/6/2015 12:29	
Arsenic, Total	0.0029	0.01	0.0005	mg/L	EPA 200.8	11/05/2015 12:00	11/6/2015 12:29	
Barium, Total	0.454	2	0.005	mg/L	EPA 200.7	11/03/2015 08:00	11/4/2015 13:36	
Beryllium, Total	ND	0.004	0.001	mg/L	EPA 200.7	11/03/2015 08:00	11/4/2015 13:36	
Cadmium, Total	0.0008	0.005	0.0002	mg/L	EPA 200.8	11/05/2015 12:00	11/6/2015 12:29	
Chromium, Total	0.020	0.1	0.005	mg/L	EPA 200.7	11/03/2015 08:00	11/4/2015 13:36	
Mercury, Total	ND	0.002	0.00020	mg/L	EPA 245.1	11/10/2015 08:09	11/10/2015 12:30	
Selenium, Total	0.0007	0.05	0.0005	mg/L	EPA 200.8	11/05/2015 12:00	11/6/2015 12:29	
Thallium, Total	0.0002	0.002	0.0002	mg/L	EPA 200.8	11/05/2015 12:00	11/6/2015 12:29	
Microbiology								
Chlorine Residual, Total	Absent			mg/L	Ortho-Tolidine	11/02/2015 14:45	11/2/2015 14:45	
Coliform, Total	Absent		1	Org/100 mL	SM 9223 B-PA	11/02/2015 14:45	11/3/2015 14:45	
E. Coli	Absent		1	Org/100 mL	SM 9223 B-PA	11/02/2015 14:45	11/3/2015 14:45	



11/16/2015

Work Order: 1512558

Weber Morgan Health Department

Attn: Michelle Cooke

477 - 23rd St.

Ogden, UT 84401

Client Service Contact: 801.262.7299

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



CHEMTECH-FORD
LABORATORIES

LAB #:

WEBER-MORGAN HEALTH DEPARTMENT

17558

HOMEOWNER INFORMATION

NAME: MaryAnn Haley
 MAILING ADDRESS: 1207 N 7000 E
 CITY/STATE/ZIP: Huntsville UT 84317
 PHONE: 801 445 4040 EMAIL: _____

SAMPLE INFORMATION

ADDRESS OF SAMPLE SITE: 800 N. 7000 E
 COLLECTION DATE/TIME: 11/2/15 9:12 AM
 SAMPLED BY: Michelle Gladwell

ANALYTICAL GROUP

WEBER-MORGAN HEALTH DEPT. ANALYSES:

COST: \$190

Antimony	Arsenic	Barium
Beryllium	Cadmium	Chromium
Cyanide, Free	Fluoride	Mercury
Nitrate	Nitrite	Selenium
Sulfate	Thallium	TDS (Total Dissolved Solids)

(Optional): Bacteria - Coliform/E. coli

\$25

-01

579
7.1

AUTHORIZED BY (sign) Michelle Gladwell DATE/TIME 11/2/15 10:00 AM
 Received by (courier) [Signature] DATE/TIME 11/2/15 @ 12:35
 Relinquished by (courier) [Signature] DATE/TIME 11/2/15 @ 13:50
 Received by (lab) [Signature] DATE/TIME 10-11-2-15 1350



Work Order # 17558

CHEMTECH FORD LABORATORIES
Sample Receipt



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Delivery Method:

- UPS USPS
- FedEx Chemtech Courier
- Walk-in Customer Courier

Receiving Temperature 4.1 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples	Preserved by Client (Final Party)	Preserved in Receiving Laboratory	Filtered in Field by Client	Misc Volume (oz/mL)	Comments
<u>01</u>	<u>A(0)</u>							
	<u>C</u>	<u>134</u>						
	<u>M</u>	<u>548</u>						
	<u>E</u>	<u>549</u>						

Sample Condition (check if yes)
<input type="checkbox"/> Custody Seals
<input checked="" type="checkbox"/> Containers Intact
<input checked="" type="checkbox"/> COC/Labels Agree
<input checked="" type="checkbox"/> Preservation Confirmed
<input checked="" type="checkbox"/> Received on Ice
<input checked="" type="checkbox"/> Correct Containers(s)
<input checked="" type="checkbox"/> Sufficient Sample Volume
<input type="checkbox"/> Headspace Present (VOC)
<input type="checkbox"/> Temperature Blank
<input checked="" type="checkbox"/> Received within Holding Time

Plastic Containers
A - Plastic Unpreserved
B - Miscellaneous Plastic
C - Cyanide Qt. (NaOH)
E - Coliform/Ecol/HPC
F - Sulfide Qt. (Zn Acetate)
L - Mercury 1631
M - Metals Pint (HNO3)
N - Nutrient Pint (H2SO4)
R - Radiological (HNO3)
S - Sludge Cups/Tubs
Q - Plastic Bag

Glass Containers
D - 625 (Na2S2O3)
G - Glass Unpreserved
H - HAAs (NH4Cl)
J - 508/515/525 (Na2SO3)
K - 515/3 Herbicides
O - Oil & Grease (HCl)
P - Phenols (H2SO4)
T - TOC/TOX (H3PO4)
U - 531 (MCAA, Na2S2O3)
V - 524/THMs (Ascorbic Acid)
W - B260 VOC (1:1 HCl)
X - Vial Unpreserved
Y - 624/504 (Na2S2O3)
Z - Miscellaneous Glass



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Certificate of Analysis

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.
1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.
1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.
1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

Data Comparisons

Values reported in RED exceed Primary Drinking Water standards.
Values reported in BLUE exceed Secondary Drinking Water standards.
BLANK values in the MCL column indicate no standard.