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## WEBER-MORGAN HEALTH DEPARTMENT

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

April 11, 2012

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

Craig Wilcox  
8790 E 500 S  
Huntsville, UT 84317

**Subject: Water Table Monitoring, Located at approximately 900 S 7300 E in Huntsville, UT.  
Land Serial #21-034-0008.**

*LOT 1 - DALE SATTERTHWAIT PROPERTY*

Dear Mr. Wilcox:

This letter is to notify you of the results for water table monitoring that was conducted on your property. Monitoring was performed from December 20, 2011 through April 9, 2012.

The 2011-2012 water year was documented as having approximately 71% of normal annual precipitation. Therefore at this time we believe that an **At-Grade Wastewater Disposal System** would be suitable for the property 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 State Rule, R317-4. "Onsite Wastewater Systems," before the Weber-Morgan Health Department is able to issue a letter of feasibility for residential development on the property:

1. Approval of onsite systems in western Weber County is made in accordance with the "Ground Water Management Plan for Western Weber County," (adopted by the Weber-Morgan Board of Health 27 August 2001). The plan addresses replacement systems and density requirements.
2. **Drinking water.** Indicate the source. If a private well is used to supply drinking water, the well must be installed and approved.
3. **Soils evaluation.** Soil exploration pits shall be made at the minimum rate of one exploration pit per lot proposed. There must be at least four feet of suitable soil below the bottom of the absorption bed, and at least three feet of suitable soil below native ground surface. Application and guidance for soils evaluation are available at the health department.

4. **Percolation tests.** Tests must be performed by a certified individual, and results must be submitted to our office. A list of certified individual is available at the health department

After the requirements above are satisfied, the health department will issue a letter of feasibility for the placement of an onsite wastewater disposal system on the subject property.

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 system professional or other qualified professional. The system must be designed in accordance with Utah State Rule, R317-4, "Onsite Wastewater Systems" and "Weber-Morgan Health Department Rules for Individual Wastewater Systems."

**This property may be located within a FEMA flood plain boundary, special design consideration may be necessary.**

317-4-3.3.I. If any part of a subdivision lies within or abuts a flood plain area, the flood plain shall be shown within a contour line and shall be clearly labeled on the plan with the words "flood plain area". Absorption systems may be installed within a floodplain provided that the following conditions are met:

1. A 100 foot separation from the floodway and normal water channel shall be maintained, and;
  2. The installed absorption system is provided with a twenty-five foot zone of protection within the flood fringe, or areas known to experience sheet flows.
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 801-399-7174 if you have questions.

Sincerely,



Summer Day, LEHS  
Environmental Health Division

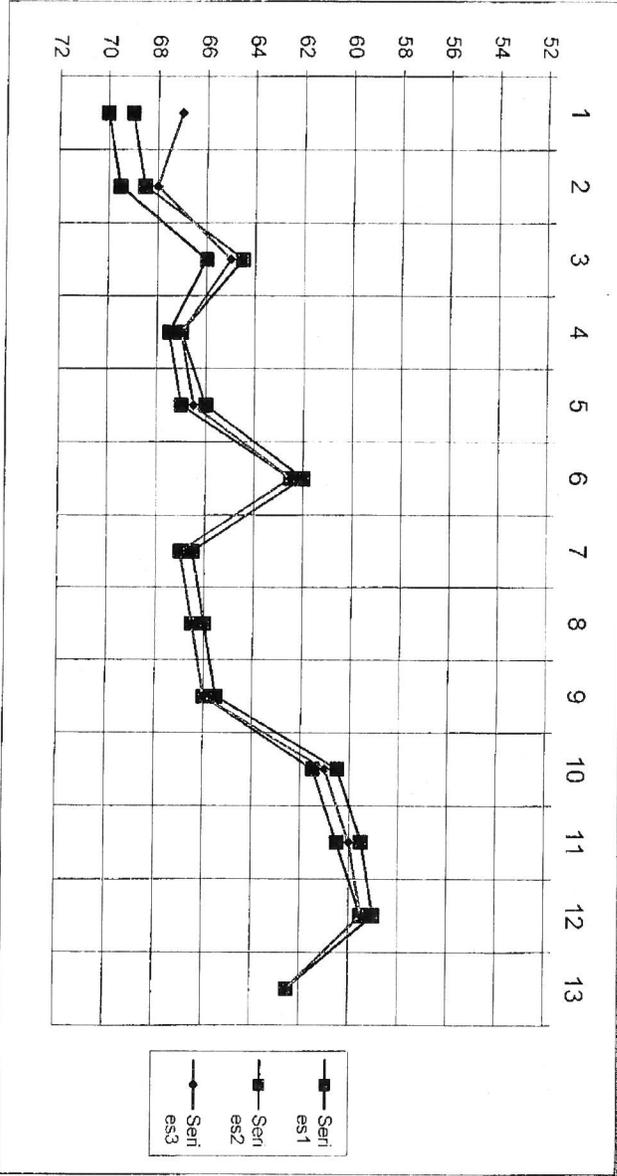
2011-2012

2010 WATER TABLE DATA

NAME: wilcox, craig  
 Address: 7800 S hunstville  
 Land serial 21-034-0008  
 at\_grader?

DATE READING #	DEPTH	12/20/11	1/9/12	1/25/12	2/6/12	2/14/12	2/24/12	3/2/12	3/5/12	3/9/12	3/14/12	3/22/12
1N	71	69	68.5	64.5	67	66	62	66.5	66	65.5	60.5	59.5
2W	73	70	69.5	66	67.5	67	62.5	67	66.5	66	61.5	60.5
3E	69	67	68	65	67	66.5	62.5	67	66.5	66	61	60

number of sites 1  
 number of wells 3  
 total readings 11



exceed 36"  
 exceed 24"  
 exceed 22"

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3/28/12	4/9/12
12	13

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59	62.5
59.5	62.5
59.5	62.5

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