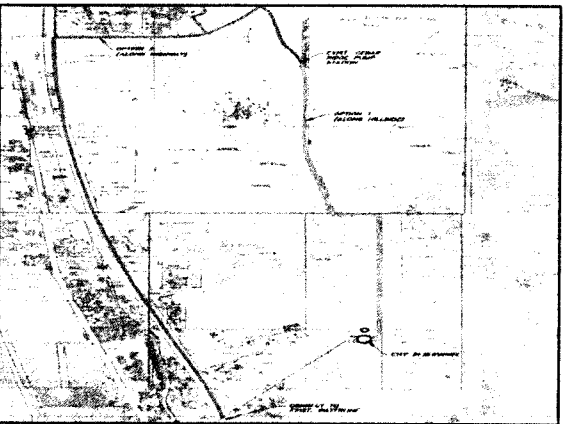
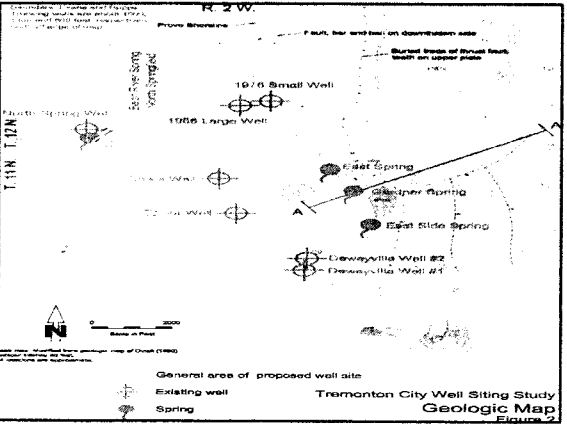
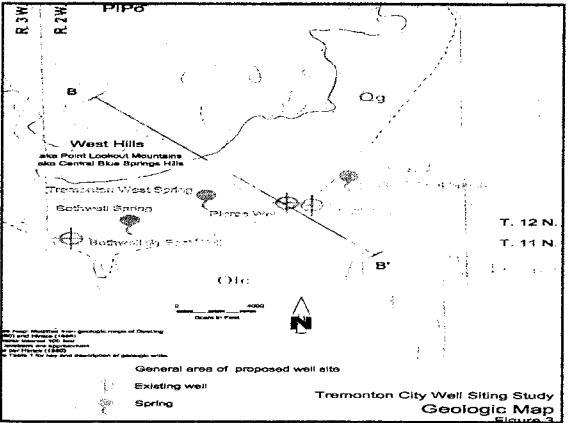
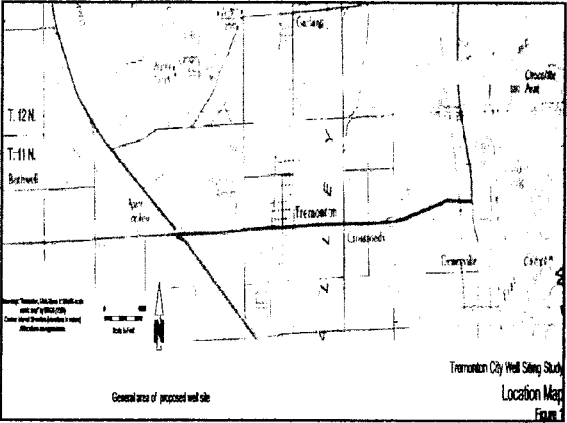
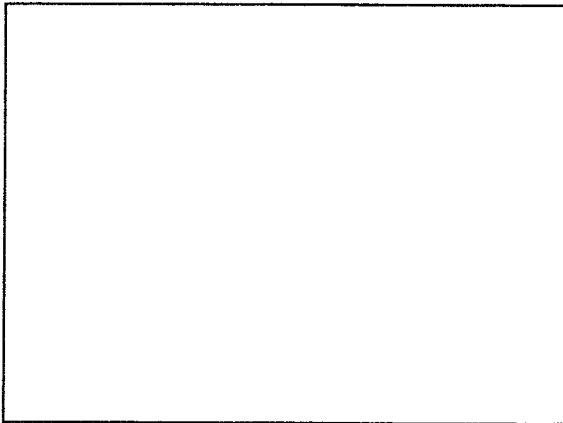
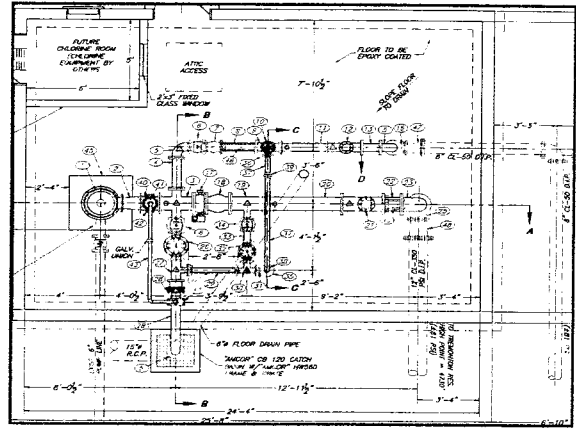
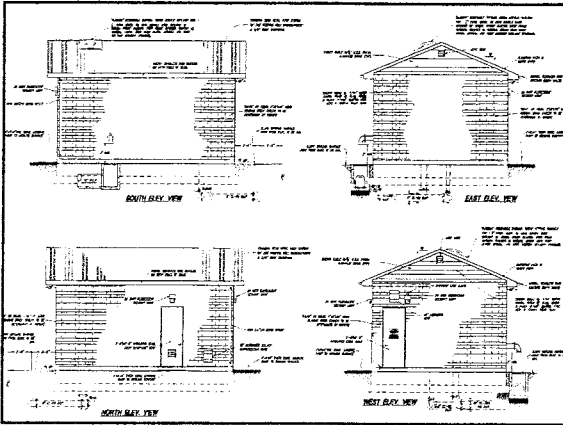


Cedar Ridge Water Company Meeting
Monday, August 9th 2010

2008 Well Sighting Study





Utah Water Rights Law

“First in Time - First in Line”

Water Right Priority Dates
 September 3, 1976
 Cedar Ridge Water Co.
 David Z. Thompson

WR#-29-2099 (1976 Well)
 Flow – 0.5 cfs (224.4 gpm)
 Irrigation – 25 acres
 Stockwater – 50 units (animals)
 Domestic – 25 EDU's (homes)

Water Right Priority Dates
 September 13, 1988
 Cedar Ridge Water Co.
 David Z. Thompson

WR#-29-2768 (1986 Well)
 Flow – 0.5 cfs (224.4 gpm)
 Irrigation – 150 acres
 Domestic – 325 EDU's (homes)

Obligation of
Tremonton City
to the
Cedar Ridge Water Company

3.01 Cedar Ridge Water Company Service. Buyer hereby agrees to provide water and water service from the Water Well to the Cedar Ridge Water Company. Said water will be piped to the Cedar Ridge Water Company water facility. Buyer shall own and maintain the pipeline from the Water Well to the Cedar Ridge Water Facility (See Exhibit "D"). Seller will then use the water piped to Cedar Ridge Water Company facilities to distribute water to the customers of the water company.

A. Buyer will install, provide, and bear the financial obligation of a direct pipeline from the Water Well to the aforementioned water facilities located on Seller's property at the Delivery Point described in Exhibit "D"

B. Buyer will install, provide, and bear the financial obligation of a water meter for the direct pipeline referenced in Section 3.01(A) of the Agreement. Said water meter will be used to determine the amount of water usage by the Cedar Ridge Water Company.

C. Buyer will charge a water usage rate to the Cedar Ridge Water Company based on the amount of water used, as measured by the installed water meter. The rate at which Buyer shall charge the Cedar Ridge Water Company shall be based on a prorated share of the operations and maintenance cost, including any electricity costs associated with the pumping of the water to the Seller's private water facilities. Buyer shall reserve the right to amend water usage charges to Cedar Ridge Water Company, as needed, and to be determined by the cost associated with the operation, maintenance, any Cedar Ridges Water Company water use in excess of its allotted water rights, and electricity of the Water Well attributed to providing water to the Cedar Ridge Water Company. Any increase in water charges by Buyer shall be preceded by written notice to Seller at least thirty (30) days prior to the rate increase.

D. Buyer will continue to operate the well and provide the Cedar Ridge Water Company its allotment of water. In the event that the subject well loses sufficient water production to provide water for Tremonton City and the Cedar Ridge Water Company, the parties hereby agree to form a joint venture, including joint financial obligations, to seek alternative sources of water production.

The Tremonton City Council will adopt at per 1,000 gallon rate for the Cedar Ridge Water Company.

The rate that I will be proposing is a rate of \$0.35/1,000 gallons.

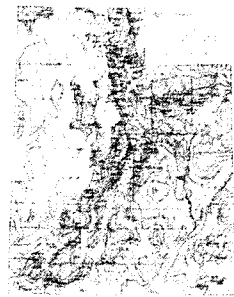
What does this mean?

The Utah Average indoor water use is 75 – 100 gallons per person per day.

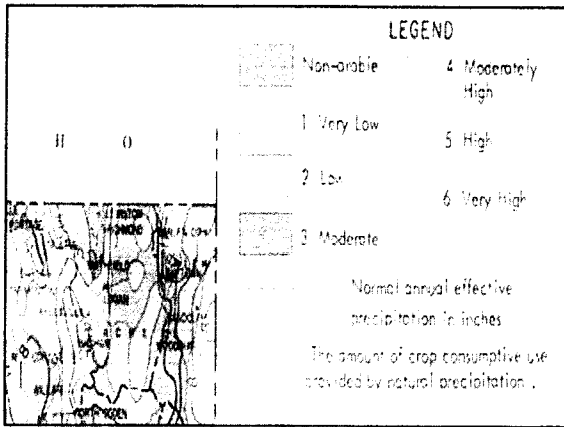
Indoor Water Use

$100 \text{ GPD} \times 31 \text{ days/month} = 3,100 \text{ GPM/person}$

$3.1/1,000 \text{ gallon units} \times \$0.35 = \$1.09/\text{per person/month}$



IRRIGATED CROP CONSUMPTIVE USE ZONE AND NORMAL ANNUAL EFFECTIVE PRECIPITATION



R309-510 Minimum Sizing Requirements

R309-510-7. Source Sizing.

(3) Estimated Outdoor Use.

(a) Determine the location of the water system on the map entitled Irrigated Crop Consumptive Use Zones and Normal Annual Effective Precipitation, Utah as prepared by the Soil Conservation Service (available from the Division). Find the numbered zone, one through six, in which the water system is located (if located in an area described "non-arable" find nearest numbered zone).

(b) Determine the net number of acres which may be irrigated. This is generally done by starting with the gross acreage, then subtract out any area of roadway, driveway, sidewalk or patio pavements along with housing foundation footprints that can be reasonably expected for lots within a new subdivision or which is representative of existing lots. Before any other land area which may be considered "non-irrigated" (e.g. steep slopes, wooded areas, etc.) is subtracted from the gross area, the Division shall be consulted and agree that the land in question will not be irrigated.

(c) Refer to Table 510-3 to determine peak day demand and average yearly demand for outdoor use.

Table 510-3
Source Demand for Irrigation (Outdoor Use)

Map Zone	Peak Day Demand (gpm/irrigated acre)	Average Yearly Demand (cft/irrigated acre)
1	2.36	3.37
2	2.80	4.23
3	3.39	5.66
4	3.96	7.87
5	4.52	10.69
6	4.90	13.26

1 acre foot of water =

1-acre with 1-foot of water
1-acre = 43,560 sqft
1-acre of water =
43,560 cuft x 7.48 gal/cuft =

325,828.8 gallons

325.8 x \$0.35 = \$114.00 acft