

[LKWCD Current]

Summer

August 27, 2015

Water Quality

Every year during the month of August, we get samples from at least thirty four wells in the district. Each of these samples are brought back to the lab and analyzed in order to check the general chemistry and overall quality of the water. There are three lists of wells that are rotated each year, one for each county in the district. This year the sampling was done exclusively in Tom Green county. The purpose of the annual water quality sampling is to monitor for any drastic change in the water quality. The normal water quality throughout the district tends to be fairly hard water with total dissolved solids usually over 1000 mg/L, which exceeds the state standards for drinking water. Upon finishing all of the water sample analyses, the results were not surprising and were very consistent when compared to prior water quality analysis performed three years ago in Tom Green. Below are the averages for the county:

TDS	Hardness	Chlorides	Nitrates	Sulfates	
1849	990	475	27	377	(mg/L)

These averages do not meet the state standards for drinking water, however,

these are just averages and they do not necessarily represent each individual well. If you are curious about your water, give me a call here at the office and I will be happy to come out and retrieve a sample to be analyzed.

Rainfall

August has been the driest month that we have had all year. Here at the office we have received only a few hundredths of an inch of precipitation for the month. There were some brief scattered showers that poured fairly heavily mid month, but that was not much for our hottest month of the year. Historically, September is one of our wettest months so we should be seeing rain in our forecast very soon.

Water Levels

This month is not only our hottest and driest month, but it is also the month where irrigation is at its peak. In July, water levels were still rising and many were at higher levels than they had been in years, yet in the heavily irrigated areas of the Lipan flats, the water levels have dropped quite drastically. Some wells were now lower than they have been in years. The low water levels were almost solely in Tom

Green county, while the water levels in Runnels and Concho counties remained relatively stable since last month's measurement. Many wells that were lower than last month were still at a higher level than this time last year, so for the most part, water levels are looking satisfactory.

