



**CHEMICAL ANALYSES OF DAVIS WATER
AUGUST 2013**

UPDATED : AUGUST 2013

SYSTEM AND TESTING INFORMATION

Davis' water is 100% groundwater pumped from 20 wells located throughout the City.

This information is a summary of recent quality analyses performed on the City of Davis' wells and system. Since all of the City's water mains are interconnected and the number of wells operating at any given time depends on the system demand, you may or may not receive water from the well that is closest to your residence.

The water is untreated except for addition of sodium hypochlorite (chlorine). Each well is tested annually for inorganic chemicals and volatile organic chemicals. The distribution system is sampled for bacteria on a weekly basis. (Bacteriological results are not reported here.)

If you have further questions or require additional information, please phone Marie Graham at (530) 757-5686.

e-mail: mgraham@cityofdavis.org

HARDNESS CALCULATIONS BY AREA

Well #	mg/L	grains/gal	Well #	mg/L	grains/gal
WEST			CENTRAL		
30	130	8	1	420	25
20	390	23	7	510	30
25	400	23	11	530	31
28	150	9	14	370	22
31	130	8	23	440	26
	<hr/>	240 14		Average	<hr/> 454 27
NORTH			EAST		
19	450	26	33	69	4
27	300	18	15	380	22
	<hr/>	375 22	22	340	20
				Average	<hr/> 263 15
			SOUTH		
			24	390	23
			21	730	43
			26	420	25
			32	64	4
			EM3	450	26
				Average	<hr/> 411 24

HARDNESS is a measure of the concentration of calcium and magnesium present in water. Hard water causes scaling on plumbing fixtures and utensils but is not a health concern. The optimum amount of hardness for household water is 75 to 100 mg/L. Hardness is commonly referred to in grains per gallon (GPG) for adjusting water softeners. GPG is obtained by dividing mg/L by 17.1

@ **CHLORINE ADVISORY** - Davis' water is chlorinated at a dosage of 0.5 ppm. take proper precautions when adding water to fish tanks, dialysis machines, etc.