

**Summary of Detections Above a Drinking Water Standard**  
**GAMA Domestic Well Project - Tulare County Focus Area (2006)**

Total Number of Wells Sampled: 181

Chemical Constituent of Concern	Wells Above Public Drinking Water Standards		Range of Detections Above Public Drinking Water Standards	Public Drinking Water Standards		
	Number	Percent		MCL	SMCL	NL
<b>Bacteria Indicators</b>						
Total Coliform	60	33%	NA	Present		
Fecal Coliform	13	7%	NA	Present		
<b>Metals</b>						
Aluminum	2	1%	275 - 450 µg/L		200 µg/L	
Arsenic	2	2%	10.4 - 14 µg/L	10 µg/L		
Beryllium	1	<1%	113 µg/L	4 µg/L		
Boron	1	<1%	48.4 mg/L			1 mg/L
Chromium	2	1%	76.7 - 91.9 µg/L	50 µg/L		
Iron	2	1%	608 - 650 µg/L		300 µg/L	
Manganese	2	1%	93.5 - 172 µg/L		50 µg/L	
Nickel	3	2%	121 - 213 µg/L	100 µg/L		
Thallium	6	3%	2.11 - 7.32 µg/L	2 µg/L		
Vanadium	14	8%	50.1 - 42.9 µg/L			50 µg/L
Zinc	1	<1%	17.3 mg/L		5 mg/L	
<b>Major Ions &amp; General Chemistry</b>						
Nitrate (as N)	72	40%	10.1 - 54 mg/L	10 mg/L		
Nitrite (as N)	4	2%	1.52 - 4.08 mg/L	1 mg/L		
Perchlorate	2 (of 30 tested)	6%	7.9 - 13 µg/L	6 µg/L		
Total Dissolved Solids	4	2%	1,002 - 1,052 mg/L		1,000 mg/L	
Specific Conductance	4	2%	1,820 - 2,060 µmhos/cm		1,600 µmhos/cm	

## Summary of Detections Above a Drinking Water Standard(cont.)

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Total Number of Wells Sampled: 181

Chemical Constituent of Concern	Above Public Drinking Water Standards		Range of Detections Above Public Drinking Water Standards	Public Drinking Water Standard		
	Number	Percent		MCL	SMCL	NL
<b>Organic Compounds (Pesticides and VOCs)</b>						
1,2-Dibromo 3-chloropropane (DBCP)	8	4%	0.221 - 2.83 µg/L	0.2 µg/L		
1,2,3-Trichloropropane	1	<1%	0.8			0.005 µg/L
<b>Radionuclides</b>						
Gross Alpha	3 (of 13 tested)	23%	15.1 - 602 pCi/L	15 pCi/L		
Radium 226+228	1 (of 13 tested)	8%	5.1 pCi/L	5 pCi/L		
Uranium	1 (of 13 tested)	8%	228 pCi/L	20 pCi/L		
Notes:						
Division of Drinking Water (DDW-formerly the California Department of Public Health) Public Drinking Water Standards used for comparison purposes only. Domestic well water quality in California is not regulated. MCL = DDW Primary Maximum Contaminant Level; SMCL = DDW Secondary Maximum Contaminant Level; NL = DDW Notification Level NA = Coliform are evaluated on a presence/absence criteria. No range can be determined. µg/L = micrograms per liter; mg/L = milligrams per liter; µmhos/cm = micromhos per centimeter; pCi/L = picocuries per liter VOCs = volatile organic compounds						