

## Summary of Detections Above a Drinking Water Standard

### GAMA Domestic Well Project – Yuba County Focus Area (2002)

Total Number of Wells Sampled: 128

Compound	Number of Wells Above Public Drinking Water Standards	Percentage	Range of Detections Above Public Drinking Water Standards	Public Drinking Water Standards		
				MCL	SMCL	NL
<b>Bacteria Indicators</b>						
Total Coliform	31	24%	NA	Present		
Fecal Coliform	4	3%	NA	Present		
<b>Metals</b>						
Aluminum	26	20%	201 – 1,630 µg/L	1,000 µg/L	200 µg/L	
Antimony	1	1%	6.2 µg/L	6 µg/L		
Arsenic	7	5%	11 – 29 µg/L	10 µg/L		
Iron	21	17%	310 – 9,440 µg/L		300 µg/L	
Lead	2	2%	45 – 60 µg/L			15 µg/L
Manganese	39	30%	60 – 1,690 µg/L		50 µg/L	
Nickel	2	2%	113 – 180 µg/L	100 µg/L		
<b>Major Ions</b>						
Electrical Conductivity (EC)	2	2%	1,670 – 2,020 µmhos/cm		1,600 µmhos/cm	
Nitrate (NO <sub>3</sub> <sup>-</sup> )	2	2%	57.59 mg/L	45 mg/L		
Total Dissolved Solids (TDS)	2	2%	1,230 – 1,240 mg/L		1,000 mg/L	
<b>Organic Compounds (VOCs)</b>						
1,2-Dichloroethane	1	1%	1.4 µg/L	0.5 µg/L		
Trichloroethylene (TCE)	1	1%	180 µg/L	5 µg/L		

**Notes:**

- MCL = California Department of Public Health (CDPH) Primary Maximum Contaminant Level; SMCL = CDPH Secondary Maximum Contaminant Level; NL = CDPH Notification Level
- µg/L = micrograms per liter; mg/L = milligrams per liter.
- Coliform are evaluated on a presence/absence criteria. No range can be determined.