

GAMA Domestic Well Project – Monterey County

May 2 through June 30, 2011

Wells above Threshold Level	Constituent	Range of Values (in wells above Threshold Level)	Threshold Levels*		
			Primary MCL**	Secondary MCL [†]	DPH Notification Level
Bacteria Indicators – 79 wells sampled					
11 (14%)	Total Coliform	Present	Present		
1 (1.3%)	Fecal Coliform	Present	Present		
Major Anions – 79 wells sampled					
9 (11%)	Nitrate (as NO ₃)	47.2 – 238 mg/L	45 mg/L		
5 (6%)	Nitrite (as N)	1.08-2.1	1 mg/L		
1 (1.3%)	Sulfate	1090		500 mg/L	
Inorganics – 79 wells sampled					
1 (1.3%)	Aluminum	545		200 µg/L	
8 (10%)	Arsenic	14.2- 63.6	10 µg/L		
3 (2%)	Cadmium	7.2- 31.4	5 µg/L		
9 (11%)	Perchlorate	6.24 – 45.5	6 µg/L		
13 (16%)	Manganese	50.1-268		50 µg/L	
2 (3%)	Fluoride	2.3-4.8	2 mg/L		
6 (8%)	Iron	377-2980		300 µg/L	
18 (23%)	Thallium	2.1-23	2 µg/L		
5 (6%)	Specific Conductance	1740-3060		1,600 µmhos/cm	
5 (6%)	Total Dissolved Solids	1070-2360		1,000 mg/L	
Radionuclides - 79 wells sampled					
1 (1.3%)	Uranium	21	20 pCi/L		
Hexavalent Chromium (Cr VI) – 13 wells sampled					
7 (54%)	Hexavalent Chromium	4.6-18.4			DLR= 1 µg/L

*"Threshold Levels" for Public Drinking Water Supplies include MCLs, SMCL and NLs. Private Domestic Wells are not regulated. The threshold levels are provided for comparison purposes only.

**MCL – Maximum Contaminant Level for public drinking water supplies established by Calif. Dept of Public Health.

*** MCLs have not been established for these constituents

[†] Upper SMCLs

mg/L – milligrams per liter

µg/L – micrograms per liter

µmhos/cm – micromhos per centimeter

AL= Action Level

DLR= Detection Limit Report