

**GAMA Domestic Well Project-Monterey County  
Summary of Detections Above Drinking Water Standards**

Constituent Type	Wells Above a Water Quality Standard	Number of Wells Tested	Constituent	Range of Detections (in wells above standard)	Primary MCL <sup>1</sup> (Water Quality Standard <sup>2</sup> )	Secondary MCL (Water Quality Standard <sup>2</sup> )
Bacteria Indicators	11	79	Total Coliform	Present or Absent	Present	
Bacteria Indicators	1	79	Fecal Coliform	Present or Absent	Present	
Major Ions and General Chemistry	9	79	Nitrate (as NO <sub>3</sub> )	47.2 - 238 mg/L <sup>3</sup>	45 mg/L	
Major Ions and General Chemistry	5	79	Nitrite (as N)	1.08 - 2.1 mg/L	1 mg/L	
Major Ions and General Chemistry	1	79	Sulfate	1090 mg/L		500 mg/L
Major Ions and General Chemistry	2	79	Fluoride	2.3 - 4.8 mg/L	2 mg/L	
Major Ions and General Chemistry	9	79	Perchlorate	6.24 - 45.5 µg/L <sup>4</sup>	6 µg/L	
Major Ions and General Chemistry	5	79	Specific Conductance	1740 - 3060 µmhos/cm <sup>5</sup>		1,600 µmhos/cm
Major Ions and General Chemistry	4	79	pH	6.34 - 8.12		6.5-8.5 <sup>6</sup>
Major Ions and General Chemistry	5	79	Total Dissolved Solids	1070 - 2360 mg/L		1,000 mg/L
Metals	1	79	Aluminum	545 µg/L		200 µg/L
Metals	8	79	Arsenic	14.2 - 63.6 µg/L	10 µg/L	
Metals	3	79	Cadmium	7.2 - 31.4 µg/L	5 µg/L	
Metals	13	79	Manganese	50.1 - 268 µg/L		50 µg/L
Metals	6	79	Iron	377 - 2980 µg/L		300 µg/L
Metals	1	79	Lead	33.2 µg/L	15 µg/L <sup>7</sup>	
Metals	18	79	Thallium	2.1 - 9.3 µg/L	2 µg/L	
Radionuclides	1	79	Uranium	21 pCi/L <sup>8</sup>	20 pCi/L	
Non-Routine Detections	4	13	Hexavalent Chromium	11.0 - 18.4 µg/L	10 µg/L <sup>9</sup>	

<sup>1</sup> MCL – maximum contaminant level

<sup>2</sup> Water Quality Standards are used for reference purposes only since private domestic well water is not regulated in California.

<sup>3</sup> mg/L – milligrams per liter

<sup>4</sup> µg/L – micrograms per liter

<sup>5</sup> µmhos/cm – micromhos per centimeter

<sup>6</sup> USEPA Water Quality Standard

<sup>7</sup> USEPA Action Level

<sup>8</sup> pCi/L – picocuries per liter

<sup>9</sup> Division of Drinking Water (DDW -formerly the CDPH) MCL of 10 µg/L