

Table 3E. Nutrient constituents and dissolved organic carbon measured in ground-water samples in the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005

[The five digit USGS parameter code is used in the USGS's computerized data system, the National Water Information System, to uniquely identify a specific constituent or property. C, carbon; GAMA, Ground-Water Ambient Monitoring and Assessment; HA-L, lifetime health advisory; LRL, laboratory reporting level; MCL-US, U.S. Environmental Protection Agency Maximum Contaminant Level; mg/L, milligram per liter; N, nitrogen; na, not available; P, phosphorus; V, analyte was detected in both the environmental sample and the associated blanks, and is considered not detected]

Constituent	Detected in ground-water samples in this study	USGS parameter code	CAS number	LRL (mg/L)	Threshold (mg/L)	Threshold type
Ammonia, as N	yes	00608	7664-41-7	0.04	30	HA-L
Nitrite, as N	no		14797-65-0	0.008	1	MCL-US
Nitrate plus nitrite, N	yes		na	0.06	10	MCL-US
Total nitrogen (ammonia, nitrite, nitrate, organic nitrogen), as N	yes	62854	17778-88-0	0.06	10	MCL-US
Orthophosphorus, as P	yes	00671	14265-44-2	0.006	na	na
Dissolved organic carbon, as C	V		na	0.3	na	na