

Table 7. Pharmaceutical compounds detected in samples collected for the Southern Sierra Groundwater Ambient Monitoring and Assessment (GAMA) study, California, June 2006.

[The five-digit number in parentheses below the constituent name is the U.S. Geological Survey parameter code used to uniquely identify a specific constituent or property. Samples from all fifty wells were analyzed, but only samples with detections are listed. Analytes are listed in order of decreasing detection frequency in the thirty-five grid wells. All analytes are listed in [table 3D](#). SOSA, Southern Sierra study unit grid well; SOSAFP, Southern Sierra study unit flow-path well; E, estimated value; LRL, laboratory reporting level; na, not available; V, analyte detected in sample and an associated blank thus data are not included in ground-water quality assessment; µg/L, microgram per liter; —, not detected]

GAMA well identification number	Carbamazapine (µg/L) (62793)	Sulfameth-oxazole (µg/L) (62021)	Diphen-hydramine (µg/L) (62796)	Pharma ceutical detections per well
LRL	0.018	0.024	0.023	
Threshold type	na	na	na	
Threshold level	na	na	na	
Grid wells				
SOSA-10	—	—	V0.004	0
SOSA-16	—	0.103	—	1
SOSA-21	E0.009	—	—	1
SOSA-23	—	—	V0.005	0
Number of detections	1	1	0	2
Detection frequency (percent)	3	3		16
Flow-path wells				
SOSAFP-04	E0.004	—	—	1

¹Frequency of detection of at least one pharmaceutical compound in the grid wells.