

Table 12B. Additional pesticide compounds detected in ground-water samples collected from selected wells in the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005.

[All values reported in micrograms per liter. 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. "FP" following a site area name in the first column indicates "flowpath." E, estimated value; GAMA, Ground-Water Ambient Monitoring and Assessment; HA-L, lifetime health advisory; MCL-CA, California Department of Health Services Maximum Contaminant Level; MCL-US, U.S. Environmental Protection Agency Maximum Contaminant Level; na, not available; NAM, North American; NL, notification level; QPC, Uplands; SAM, South American; SOL, Solano; SUI, Suisun-Fairfield; USGS, U.S. Geological Survey; YOL, Yolo; —, not detected]

GAMA sample identification number	Nonpesticide			Herbicides				Degradates	
	Caffeine	Bentazon	Bromacil	2,4-D ¹	Diuron	Fenuron	Diphenamid	2-Chloro-6-ethylamino-4-amino-s-triazine	2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine
USGS parameter code	50305	38711	04029	39732	49300	49297	04033	04038	50355
Reporting level	0.018	0.012	0.018	0.038	0.015	0.032	0.01	0.08	0.032
Threshold	na	18	90	70	10	na	200	na	na
	na	MCL-CA	HA-L	MCL-US	HA-L	na	HA-L	na	na
Grid wells									
NAM-06	E0.003	—	—	E0.005	0.029	—	—	—	0.042
NAM-08	—	E0.260	—	—	—	—	—	—	—
QPC-07	E0.011	—	—	—	—	—	—	—	—
QPC-08	—	—	—	—	—	—	—	E0.006	—
SAM-02	—	—	E0.004	—	—	0.028	—	—	—
SAM-03	—	0.025	—	—	—	—	—	—	—
SAM-07	—	—	E0.01	—	—	—	—	—	—
SAM-11	E0.015	—	—	—	—	—	—	—	—
SOL-01	0.024	—	—	—	—	—	—	—	—
SOL-06	—	E0.026	—	—	—	—	E0.01	—	—
SUI-02	E0.014	—	—	—	—	—	—	—	—
YOL-02	—	—	—	—	—	—	—	E0.01	—
YOL-09	E0.005	0.021	—	—	—	—	—	—	—
Nongrid wells									
QPCFP-01	E0.010	—	—	—	—	—	—	—	—
QPCFP-02	E0.007	—	—	—	—	—	—	—	—
NAMFP-05	—	—	—	—	—	—	—	—	—
NAMFP-06	—	—	—	—	—	—	—	—	—
NAMFP-07	—	—	—	—	—	—	—	—	—
NAMFP-09	—	—	—	—	—	—	—	—	0.033
YOLFP-13	E0.008	—	—	—	—	—	—	—	—

¹The two compounds 2,4-D and 2,4-D methyl ester may chemically transform into one another during analysis.