

Table 12. Pesticides and pesticide degradates detected in filtered ground-water samples collected for the Monterey Bay and Salinas Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study, California, July to October 2005.

[The five-digit number below the constituent name is the U.S. Geological Survey parameter code used to uniquely identify a specific constituent or property. Out of 97 samples, only those with detections are listed. MSMB, Monterey Bay study area well; MSMBFP, Monterey Bay study area flow-path well; MSMBMW, Monterey Bay study area monitoring well; MSPR, Paso Robles study area well; MSSC, Santa Cruz study area well; MSSV, Salinas Valley study area well; HAL-US, U.S. Environmental Protection Agency Lifetime Health Advisory; MCL-US, U.S. Environmental Protection Agency defined maximum contaminant level; MCL-CA, California Department of Health Services defined maximum contaminant level; E, estimated value; LRL, laboratory reporting level; na, not available; VE, estimated value censored due to blank contamination and not included in ground-water quality analyses; µg/L, microgram per liter; —, not detected; percentage values are detection frequencies]

GAMA identification No.	Simazine (µg/L) (04035)	Deethyl atrazine (µg/L) (04040)	Atrazine (µg/L) (39632)	Caffeine (µg/L) (50305)	Dacthal (DCPA) (µg/L) (82682)	Metolachlor (µg/L) (39415)
Threshold type	MCL-US	na	MCL-CA	na	MCL-CA	HAL-US
Threshold (µg/L)	4	na	1	na	4	100
[LRL]	[0.005]	[0.006 (0.03)]	[0.007]	[0.018]	[0.003]	[0.006]
MSMB-01	0.009	—	—	—	—	—
MSMB-02	0.020	E0.007	0.035	—	—	—
MSMB-05	—	E0.004	—	—	—	—
MSMB-19	—	E0.004	0.008	—	—	—
MSMB-20	—	—	—	—	—	E0.005
MSMB-30	—	E0.004	—	—	—	—
MSMB-35	—	—	—	E0.008	—	—
MSMB-44	—	E0.003	—	—	—	—
MSMB-46	—	—	—	—	E0.004	—
MSPR-01	0.008	—	—	—	—	—
MSPR-04	0.010	E0.010	0.011	—	—	—
MSPR-08	0.008	E0.006	E0.005	—	—	—
MSPR-09	—	E0.005	E0.006	—	—	—
MSPR-11	0.007	—	—	—	—	—
MSSC-01	—	—	—	—	—	E0.007
MSSV-03	E0.005	—	—	—	—	—
MSSV-04	—	E0.005	—	—	—	—
MSSV-05	0.008	—	—	—	—	—
MSSV-06	E0.005	—	—	—	—	—
MSSV-07	0.008	—	—	—	—	—
MSSV-08	E0.005	—	—	—	E0.004	—
MSSV-09	E0.008	—	—	—	—	—
MSSV-11	0.010	—	—	E0.012	—	—
MSSV-12	E0.006	—	—	—	—	—
MSSV-14	E0.006	E0.006	—	—	—	—
MSSV-15	E0.006	—	—	—	E0.002	—
MSSV-19	—	—	—	E0.004	—	—
Number of wells with detections	16	10	5	3	3	2
Detection frequency (percent)	18	11	5	3	3	2
Flow-path wells ¹						
MSMBMW-03	—	—	—	E0.012	—	—

Table 12. Pesticides and pesticide degradates detected in filtered ground-water samples collected for the Monterey Bay and Salinas Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study, California, July to October 2005—Continued.

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GAMA identification No.	Deisopropyl atrazine (µg/L) (04038)	Dieldrin (µg/L) (39381)	Prometon (µg/L) (04037)	Terbuthyl azine (µg/L) (04022)	Detections per well
LRL	[0.08]	[0.009]	[0.01]	[0.01]	
Threshold type	na	na	HAL-US	na	
Threshold (µg/L)	na	na	100	na	
MSMB-01	—	—	E0.01	—	2
MSMB-02	—	E0.006	—	—	4
MSMB-05	—	—	—	—	1
MSMB-19	—	—	—	—	2
MSMB-20	—	—	—	—	1
MSMB-30	—	—	—	—	1
MSMB-35	—	—	—	—	1
MSMB-44	—	—	—	—	1
MSMB-46	—	—	—	—	1
MSPR-01	—	—	—	—	1
MSPR-04	—	—	—	—	3
MSPR-08	—	—	—	—	3
MSPR-09	—	—	—	—	2
MSPR-11	—	—	—	—	1
MSSC-01	—	—	—	—	1
MSSV-03	—	—	—	—	1
MSSV-04	—	—	—	—	1
MSSV-05	—	—	—	—	1
MSSV-06	—	—	—	—	1
MSSV-07	—	—	—	E0.01	2
MSSV-08	—	—	—	—	2
MSSV-09	—	—	—	—	1
MSSV-11	E0.004	—	—	—	3
MSSV-12	—	—	—	—	1
MSSV-14	—	—	—	—	2
MSSV-15	—	—	—	—	2
MSSV-19	—	—	—	—	1
Number of wells with detections	1	1	1	1	43 Total detections
Detection frequency (percent)	1	1	1	1	27 Total wells
Flow-path wells¹					
MSMBMW-03	—	—	—	—	—

¹Flow-path wells were not included in statistical calculations.