

Table 17. Inorganic arsenic and iron speciation results for 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; 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 maximum contaminant level; MDL, method detection limit; na, not available; µg/L, micrograms per liter; —, not detected]

GAMA identification No.	Arsenic, dissolved (µg/L) (99033)	Arsenic (III), dissolved (µg/L) (99034)	Iron, dissolved (µg/L) (01046)	Iron (II), dissolved (µg/L) (01047)
Threshold type	MCL-US	na	HAL-US	na
Threshold (µg/L)	10	na	300	na
[MDL]	[0.5]	[1]	[1]	[1]
MSMB-04	<0.5	<1	45	9.0
MSMB-09	<0.52	<1	<2	<2
MSMB-12	1.5	<1	13	12
MSMB-18	0.7	<1	<2	<2
MSMB-20	<0.5	<1	<2	<2
MSMB-22	<0.5	<1	72	64
MSMB-29	2.1	<1	<2	<2
MSMB-30	1.8	<1	24	3.0
MSMB-33	4.3	2.1	77	54
MSMB-35	<0.5	<1	16	14
MSMB-37	4.1	<1	3.0	<2
MSMB-40	0.6	<1	16	3.0
MSMB-44	1.2	<1	3.0	<2
MSMB-45	0.6	<1	2,560	2,550
MSMB-47	1.1	<1	13	4.0
MSMBFP-02	1.5	<1	<2	<2
MSMBFP-03	1.4	<1	23	7.0
MSMBMW-01	2.5	<1	2.0	<2
MSMBMW-02	1.3	<1	3.0	<2
MSMBMW-03	2.5	<1	3.0	<2
MSPR-01	1.1	<1	3.0	2.0
MSPR-08	2.2	<1	10	7.0
MSPR-10	0.9	<1	173	146
MSSC-04	<0.5	<1	31	30
MSSC-06	<0.5	<1	607	588
MSSC-07	<0.5	<1	86	60
MSSC-08	0.6	<1	203	186
MSSV-01	4.2	3.3	478	468
MSSV-02	1.7	<1	5.0	4.0
MSSV-03	1.9	<1	39	24
MSSV-07	0.8	<1	<2	<2
MSSV-11	<0.5	<1	2.0	<2
MSSV-18	0.9	<1	25	11