

Table 10. Water-quality indicators determined in the field 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; SMCL-CA, California Department of Health Services secondary maximum contaminant level; SMCL-US, U.S. Environmental Protection Agency secondary maximum contaminant level; C, celsius; mg/L, milligrams per liter; mm, millimeter; na, not available; nc, sample not collected; NTU, nephelometric turbidity unit; μ S/cm, microsiemens per centimeter; <, less than; >, greater than; *, value exceeds regulatory threshold]

GAMA identification No.	Turbidity (NTU) (63676)	Barometric Pressure (mm of mercury) (00025)	Dissolved oxygen (mg/L) (00300)	pH, field (standard units) (00400)	Specific conductance, field (μ S/cm at 25 degrees C) (00095)	Water tempera- ture (degrees C) (00010)	Alkalinity (mg/L as CaCO ₃) (29802)	Bicar- bonate (mg/L as HCO ₃) (63786)	Carbonate (mg/L as CO ₃) (63788)
Threshold type	na	na	na	SMCL-US	SMCL-CA ¹	na	na	na	na
Threshold	na	na	na	<6.5 or >8.5	900	na	na	na	na
MSMB-01	nc	nc	8.6	nc	*907	20.1	nc	nc	nc
MSMB-02	nc	nc	2.2	nc	885	21.7	nc	nc	nc
MSMB-03	nc	nc	1.9	nc	338	33.2	nc	nc	nc
MSMB-04	0.1	761	0.1	8.1	*1,210	23.0	163	199	2
MSMB-05	nc	nc	7.8	nc	397	18.5	nc	nc	nc
MSMB-06	nc	nc	1.2	nc	615	19.5	nc	nc	nc
MSMB-07	nc	nc	4.3	nc	708	24.7	nc	nc	nc
MSMB-08	nc	nc	2.5	nc	469	14.5	nc	nc	nc
MSMB-09	0.1	760	2.9	7.3	435	17.5	173	211	0
MSMB-10	nc	nc	4.3	nc	*1,080	20.1	nc	nc	nc
MSMB-11	nc	nc	1.3	nc	591	22.0	nc	nc	nc
MSMB-12	0.2	762	0.2	8.8	538	31.7	135	161	2
MSMB-13	nc	nc	3.9	nc	648	19.2	nc	nc	nc
MSMB-14	nc	nc	4.1	nc	*1,180	21.9	nc	nc	nc
MSMB-15	nc	nc	0.6	nc	*1,240	20.9	nc	nc	nc
MSMB-16	nc	nc	4.1	nc	651	19.7	nc	nc	nc
MSMB-17	nc	nc	1.8	nc	*953	22.0	nc	nc	nc
MSMB-18	0.1	763	3.5	7.3	499	20.6	138	168	0
MSMB-19	nc	nc	2.9	nc	622	20.4	nc	nc	nc
MSMB-20	0.2	763	0.9	7.3	753	19.0	300	366	0.5
MSMB-21	nc	nc	0.2	nc	534	16.2	nc	nc	nc
MSMB-22	0.1	761	0.1	7.4	*985	18.2	311	378	0.8
MSMB-23	nc	nc	2.7	nc	693	20.6	nc	nc	nc
MSMB-24	nc	nc	7.5	nc	555	18.7	nc	nc	nc
MSMB-25	nc	nc	4.5	nc	562	23.1	nc	nc	nc
MSMB-26	nc	nc	2.7	nc	777	22.0	nc	nc	nc
MSMB-27	nc	nc	nc	nc	*1,050	21.9	nc	nc	nc
MSMB-28	nc	nc	nc	nc	719	20.2	nc	nc	nc
MSMB-29	0.1	759	3.5	7.3	*1,580	16.4	374	454	0.9
MSMB-30	0.2	757	4.0	6.7	894	22.3	180	219	0
MSMB-31	nc	nc	5.2	nc	594	16.4	nc	nc	nc
MSMB-32	nc	nc	8.4	nc	353	18.4	nc	nc	nc
MSMB-33	0.3	753	1.4	7.2	567	19.0	148	180	0.2
MSMB-34	nc	nc	0.2	nc	711	23.4	nc	nc	nc
MSMB-35	0.2	762	nc	7.3	*1,260	16.0	330	401	0.5
MSMB-36	nc	nc	0.4	nc	568	20.7	nc	nc	nc
MSMB-37	0.1	757	5.4	7.0	711	23.1	152	184	0.2
MSMB-38	nc	nc	4.3	nc	756	21.2	nc	nc	nc
MSMB-39	nc	nc	nc	nc	801	20.0	nc	nc	nc
MSMB-40	0.1	nc	4.3	7.2	694	21.7	157	191	0.3
MSMB-41	nc	nc	0.7	nc	572	18.3	nc	nc	nc
MSMB-42	nc	nc	9.4	nc	438	17.6	nc	nc	nc
MSMB-43	nc	nc	1.8	nc	*1,440	16.3	nc	nc	nc
MSMB-44	0.1	759	4.9	7.2	*1,820	18.0	306	372	0.7

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GAMA identification No.	Turbidity (NTU) (63676)	Barometric Pressure (mm of mercury) (00025)	Dissolved oxygen (mg/L) (00300)	pH, field (standard units) (00400)	Specific conductance, field (μ S/cm at 25 degrees C) (00095)	Water tempera- ture (degrees C) (00010)	Alkalinity (mg/L as CaCO ₃) (29802)	Bicar- bonate (mg/L as HCO ₃) (63786)	Carbonate (mg/L as CO ₃) (63788)
Threshold type	na	na	na	SMCL-US	SMCL-CA ¹	na	na	na	na
Threshold	na	na	na	<6.5 or >8.5	900	na	na	na	na
MSMB-45	1.2	762	1.3	6.6	497	17.4	100	122	0
MSMB-46	nc	nc	0.7	nc	746	16.7	nc	nc	nc
MSMB-47	0.1	759	2.8	7.7	541	25.7	136	165	0
MSMB-48	nc	nc	12.0	nc	*912	17.7	nc	nc	nc
MSMBFP-01	nc	nc	0.3	nc	615	29.1	nc	nc	nc
MSMBFP-02	0.1	758	1.4	7.3	*1,240	19.8	295	359	0.5
MSMBFP-03	0.1	nc	1.3	6.9	*1,360	19.2	224	nc	nc
MSMBMW-01	2.9	nc	2.2	8.2	670	24.2	175	nc	nc
MSMBMW-02	3.8	nc	4.6	7.7	606	24.0	187	nc	nc
MSMBMW-03	1.7	nc	3.8	7.1	567	23.4	159	nc	nc
MSPR-01	0.1	737	4.0	7.1	847	18.0	260	316	0.3
MSPR-02	nc	nc	2.0	nc	*1,140	21.2	nc	nc	nc
MSPR-03	nc	nc	1.7	nc	815	24.0	nc	nc	nc
MSPR-04	nc	nc	1.1	nc	871	28.2	nc	nc	nc
MSPR-05	nc	nc	0.2	nc	*941	30.8	nc	nc	nc
MSPR-06	nc	nc	6.2	nc	871	22.4	nc	nc	nc
MSPR-07	nc	nc	nc	nc	719	24.5	nc	nc	nc
MSPR-08	0.1	743	0.8	7.5	*1,140	21.0	219	267	0.4
MSPR-09	nc	nc	nc	nc	*1,590	23.5	nc	nc	nc
MSPR-10	0.2	744	0.1	7.2	*1,480	20.0	275	335	0.1
MSPR-11	nc	nc	nc	nc	605	24.0	nc	nc	nc
MSSC-01	nc	nc	8.4	nc	475	13.5	nc	nc	nc
MSSC-02	nc	nc	0.2	nc	*978	18.3	nc	nc	nc
MSSC-03	nc	nc	2.8	nc	495	16.7	nc	nc	nc
MSSC-04	1.5	746	0.4	7.6	783	19.7	135	164	0.4
MSSC-05	nc	nc	1.8	nc	823	26.6	nc	nc	nc
MSSC-06	0.1	759	0.2	7.5	694	18.5	128	156	0.1
MSSC-07	0.1	759	0.3	7.7	505	24.9	nc	nc	nc
MSSC-08	0.2	758	0.2	7.6	403	19.6	165	200	0.1
MSSC-09	nc	nc	6.6	nc	446	17.2	nc	nc	nc
MSSC-10	nc	nc	5.5	nc	646	23.4	nc	nc	nc
MSSC-11	nc	nc	0.1	nc	414	17.7	nc	nc	nc
MSSC-12	nc	nc	0.2	nc	444	15.7	nc	nc	nc
MSSC-13	nc	nc	3.0	nc	326	16.8	nc	nc	nc
MSSV-01	0.4	748	0.1	7.0	*1,650	28.4	305	372	0.1
MSSV-02	0.1	752	0.1	7.2	509	19.2	154	187	0.4
MSSV-03	0.1	756	0.6	7.3	*1,060	18.4	171	208	0.4
MSSV-04	nc	nc	nc	nc	615	21.7	nc	nc	nc
MSSV-05	nc	nc	<0.1	nc	590	18.6	nc	nc	nc
MSSV-06	nc	nc	nc	nc	538	19.1	nc	nc	nc
MSSV-07	nc	754	0.1	7.5	534	19.0	149	181	0.2
MSSV-08	nc	nc	3.5	nc	*1,390	19.2	nc	nc	nc
MSSV-09	nc	nc	4.7	nc	815	18.0	nc	nc	nc
MSSV-10	nc	nc	2.2	nc	599	18.4	nc	nc	nc

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Threshold type	na	na	na	SMCL-US	SMCL-CA ¹	na	na	na	na
Threshold	na	na	na	<6.5 or >8.5	900	na	na	na	na
MSSV-11	0.2	753	8.0	7.4	473	17.9	138	168	0.8
MSSV-12	nc	nc	nc	nc	387	14.3	nc	nc	nc
MSSV-13	nc	nc	10.4	nc	345	13.9	nc	nc	nc
MSSV-14	nc	nc	nc	nc*	*1,830	18.2	nc	nc	nc
MSSV-15	nc	nc	nc	nc	606	18.2	nc	nc	nc
MSSV-16	nc	nc	7.7	nc	nc	20.0	nc	nc	nc
MSSV-17	nc	nc	4.5	nc	341	14.5	nc	nc	nc
MSSV-18	0.1	756	0.3	7.6	848	25.4	156	189	0.55
MSSV-19	0.1	756	2.5	7.4	708	23.4	156	191	0.1

¹SMCL-CA threshold for specific conductance has a recommended value of 900 mg/L, an upper value of 1,600 mg/L, and a short term value of 2,200 mg/L.