

Table 16. Constituents of special interest and chromium, arsenic, and iron speciation results in ground-water samples collected in the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005.

[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. An asterisk (*) in front of a number in the table indicates a concentration higher than the threshold. "DD" following a site area name in the first column indicates "depth dependent." "FP" following a site area name in the first column indicates "flowpath." GAMA, Ground-Water Ambient Monitoring and Assessment; 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; ns, no sample; QC, quality control; QPC, Uplands; SAM, South American; SMCL, Secondary Maximum Contaminant Level; SOL, Solano; SUI, Suisun-Fairfield; USGS, U.S. Geological Survey; V, analyte was detected in both the environmental sample and the associated blanks, and is considered not detected; YOL, Yolo; µg/L, microgram per liter; —, not detected]

GAMA sample identification number	Chromium, dissolved (µg/L)	Chromium(VI), (hexavalent) dissolved (µg/L)	Arsenic, dissolved (µg/L)	Arsenic(III), dissolved (µg/L)	Iron, dissolved (µg/L)	Iron(II), dissolved (µg/L)	Perchlorate (µg/L)	1,2,3-Trichloropropane (µg/L)
USGS parameter code	01030	01032	99033	99034	01046	01047	61209	77443
Reporting level	0.1	0.1	0.5	2	2	2	0.5	0.005
QC Censoring level	8.4	8.2	na	na	na	na	na	na
Threshold	50	na	10	na	300	na	6	0.005
Threshold type	MCL-CA	na	MCL-US	na	SMCL	na	NL	NL
Grid Wells								
NAM-01	V	V	20.4	20	138	120	—	—
NAM-02	V	9	2.1	—	—	—	—	—
NAM-05	11	13	4.6	—	4	—	—	—
NAM-06	—	V	15.8	16	68	8	—	—
NAM-08	17	15	1.1	—	—	—	—	—
QPC-02	V	V	0.6	—	3	—	3.7	—
QPC-05	V	V	1.6	—	—	—	—	—
QPC-06	10	V	2.4	—	8	4	1.7	—
QPC-07	14	14	1.4	—	18	9	0.9	—
QPC-08	10	10	1.0	—	—	—	4.2	—
QPC-09	8	10	1.1	—	—	—	—	—
SAM-02	V	V	3.9	—	4	3	0.6	—
SAM-03	V	V	4.0	4	236	125	—	—
SAM-07	10	9	—	—	—	—	2.2	*0.006
SAM-11	14	12	3.6	—	—	—	—	—
SOL-01	V	V	5.3	—	8	7	—	—
SOL-03	22	22	5.2	—	—	—	—	—
SOL-06	V	V	2.9	3	*341	143	—	—
SUI-01	18	19	0.9	—	6	—	—	—
SUI-02	V	V	—	—	262	39	—	—
YOL-02	67	70	1.2	—	—	—	—	—

Table 16. Constituents of special interest and chromium, arsenic, and iron speciation results in ground-water samples collected in the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005—Continued.

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USGS parameter code	01030	01032	99033	99034	01046	01047	61209	77443
Reporting level	0.1	0.1	0.5	2	2	2	0.5	0.005
QC Censoring level	8.4	8.2	na	na	na	na	na	na
Threshold	50	na	10	na	300	na	6	0.005
Threshold type	MCL-CA	na	MCL-US	na	SMCL	na	NL	NL
YOL-03	—	V	4.3	—	2	—	—	—
YOL-04	32	30	0.8	—	14	—	—	—
YOL-06	10	11	4.2	—	9	3	—	—
YOL-08	11	10	5.8	6	40	31	—	—
YOL-09	11.3	8.3	18.8	—	7	3	—	—
YOL-13	V	V	—	—	—	—	—	—
YOL-14	V	V	5.2	4.9	*384	*374	—	—
Nongrid Wells								
QPCFP-01	11	12	0.9	—	3	—	0.7	—
QPCFP-02	18	20	2.0	—	3	—	1.2	—
QPCFP-03	—	—	1.1	—	2	—	0.8	—
QPCFP-04	16	14	1.7	—	6	3	1.0	—
NAMFP-05	8	9	13.0	13	77	8	—	—
NAMFP-06	V	8	*76.0	*76	200	148	—	—
NAMFP-07	V	V	38.0	38	53	47	—	—
NAMFP-08	8	V	14.0	14	223	84	—	—
NAMFP-09	V	—	23.8	24	263	238	—	—
NAMFP-10	V	V	40.1	38	43	18	—	—
YOLFP-12	13	11	3.8	—	—	—	—	—
YOLFP-13	42	41	2.5	—	—	—	—	—
YOLFP-14	35	30	0.6	—	—	—	1.7	—
YOLFP-15	30	31	0.9	—	—	—	—	—
NAMFP-16	V	V	2.7	—	5	2	—	—
Depth-Dependent Samples								
NAMDD-01	V	V	4.3	—	—	—	ns	ns
NAMDD-02	V	V	3.8	—	—	—	ns	ns
NAMDD-03	V	V	3.7	—	4	2	ns	ns
NAMDD-04	V	V	3.7	—	—	—	ns	ns