

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

GROUNDWATER-QUALITY MONITORING RESULTS

Carmel Valley Aquifer Sample Collection Date: October 24, October 25 and October 26, 2007
 Seaside Basin Sample Collection Date: October 30 and October 31, 2007

Units are milligrams per liter unless otherwise noted.

Water Quality Constituent	Specific Conductance (micromhos/cm) (900-16100-2200 (2))	Total Alkalinity (as CaCO3)	pH	Chloride	Sulfate	Ammonia Nitrogen (as N)	Nitrate Nitrogen (as NO3-N)	Total Organic Carbon	Calcium	Sodium	Magnesium	Potassium	Iron	Manganese	Orthophosphate	Total Dissolved Solids	Hardness (as CaCO3)	Boron	Bromide	Fluoride	River Mile	
																					NA	NA
Carmel Valley Aquifer																						
0.07 no longer in annual sampling network																						
0.07 no longer in annual sampling network																						
16S/1W-14Jf (inter)	10300	213	7.4	3366	502	3.34	<1	<0.05	2.9	244	1800	250	40	0.753	1.34	<0.05	6750	1639	0.80	11.3	0.40	
0.31 no longer in annual sampling network																						
0.31 no longer in annual sampling network																						
16S/1W-13Mb (inter)	864	238	7.5	89	73	<0.05	1	0.19	2.1	78	71	25.0	4.8	0.318	0.425	0.08	519	298	0.34	0.33	0.50	
0.65 no longer in annual sampling network																						
0.65 no longer in annual sampling network																						
16S/1W-13La (inter)	974	186	7.4	100	152	0.95	<1	<0.05	2.2	77	108	18	3.4	1.550	0.837	0.470	613	266	0.36	0.30	2.34	
16S/1W-13Lc (deep)	530	124	6.8	33	91	<0.05	<1	<0.05	2.2	51	32	17	3.9	0.396	<0.020	<0.05	321	197	0.18	<0.10	0.28	
16S/1E-17J4	1210	187	6.7	107	280	0.27	<1	<0.05	6.1	122	78	30	3.8	8.430	0.333	<0.05	832	428	0.20	0.35	0.19	
16S/1E-17R2	1182	292	7.0	101	179	0.23	<1	<0.05	3.7	115	95	30	5.9	24.900	1.070	<0.05	816	411	0.28	0.33	0.33	
16S/1E-23E4	430	112	7.0	29	59	0.10	<1	<0.05	3.0	37	28	12	3.5	1.320	0.199	<0.05	258	--	0.16	<0.10	0.35	
16S/1E-23La	597	139	6.9	35	108	<0.05	<1	0.10	3.1	61	37	17	3.6	0.186	0.049	<0.05	364	222	0.16	<0.10	0.22	
Seaside Basin																						
15S/1E-15N3 (shal)	325	72	8.1	46	17	0.10	<1	0.07	<0.20	18	38	4	3.5	<0.100	<0.020	<0.05	226	61	0.09	0.18	0.13	
15S/1E-15N2 (deep)	977	210	8.3	147	44	0.10	<1	<0.05	<0.20	76	103	15	4.7	<0.100	0.066	<0.05	555	252	0.14	0.52	0.22	
15S/1E-23Ca (shal)	962	233	8.0	134	55	<0.05	2	0.36	0.52	83	90	19	4.6	2.450	1.960	<0.05	577	285	0.10	0.42	0.27	
15S/1E-23Cb (deep)	1255	263	8.2	172	95	0.60	<1	<0.05	0.66	106	121	24	7.0	<0.100	0.073	<0.05	749	364	0.28	0.57	0.36	
15S/1E-15F1 (shal)	305	66	8.3	47	11	<0.05	4	0.91	<0.20	20	34	5	2.2	<0.100	<0.020	<0.05	203	71	0.06	0.15	0.12	
15S/1E-15F2 (deep)	959	222	7.9	151	43	0.12	<1	<0.05	0.21	71	100	16	5.1	0.331	0.113	<0.05	565	243	0.15	0.53	0.29	
15S/1E-15K5 (shal)	394	101	8.3	53	16	<0.05	<1	<0.05	<0.20	27	41	6	3.0	0.554	0.024	<0.05	243	92	0.11	<0.10	0.17	
15S/1E-15K4 (deep)	768	187	8.4	104	35	0.08	<1	<0.05	<0.20	56	81	10	4.0	0.291	0.122	<0.05	456	181	0.13	0.32	0.27	
15S/1E-11Pa (shal)	326	63	8.2	53	12	<0.05	1	0.13	<0.20	23	34	4	3.6	<0.100	<0.020	<0.05	221	74	0.08	0.14	<0.10	
15S/1E-11Pb (deep)	421	89	8.2	66	14	<0.05	1	0.14	<0.20	28	48	3	3.6	<0.100	<0.020	<0.05	256	82	0.10	0.21	<0.10	
15S/1E-12Fa (shal)	355	74	8.3	50	20	<0.05	1	0.20	<0.20	23	36	6	2.1	<0.100	<0.020	<0.05	119	82	0.07	<0.10	<0.10	
15S/1E-12Fc (deep)	375	84	8.3	54	17	0.05	<1	0.11	<0.20	24	28	6	2.7	0.108	0.035	<0.05	242	85	0.09	0.20	<0.10	

NOTES:

- (1) Maximum contaminant levels are from California Domestic Water Quality and Monitoring Regulations, Title 22, 1977.
- (2) The three values listed for certain constituents refer to the "recommended" level, the "upper" level, and "short-term use" level, respectively.