MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

GROUNDWATER-QUALITY MONITORING RESULTS

Carmel Valley Aquifer Sample Collection Date: November 18 and November 20, 2008 Seaside Basin Sample Collection Date: August 18 and August 19, 2008

Units are milligrams per liter unless otherwise noted.

Water Quality Constituent	Specific Conductance (micromhos/cm)	Total e Alkalinity m) (as CACO3)	. (c		Chloride Sulfate	Ammonia e Nitrogen (as N)	-	_	Total Organic C Carbon	Calcium Sodium	M mnipo	Magnes Pot ium	Potassium	Iron	Manga- nese	Orthophos- phate	Total Dissolved Solids	Hardness (as CaC03)	Boron	Bromide Fluoride	Fluoride
Drinking Water Standard (1)	900 1600 2200 (2)	2) NA	A.		250 500 600 (2) 250 500 600 (2)	(z) NA	4	45	NA	NA	ΝΑ	NA	ΑN	0.3	0.05		NA	NA	NA	NA	NA
Sampling Location F	River Mile																				
Carmel Valley Aquifer																					
16S/1W-14Jh (shal)	0.07 no longer in annual sampling network	annual sar	npling	ı netw	ork																
16S/1W-14Jf (inter)	0.07 no longer in annual sampling network	annual sar	philop	ı netw	ork																
16S/1W-14Jg (deep)	0.07 11500		203 7.0		3730 543	3 2.53	ည	∵	2.1	380	1630	253	23	0.617	2.560	0.5	7670	1991	0.41	13.0	0.28
16S/1W-13Mc (shal)	0.31 no longer in annual sampling network	annual sar	npling	ı netw	ork																
16S/1W-13Mb (inter)	0.31 no longer in annual sampling network	annual sar	npling	ı netw	ork																
16S/1W-13Md (deep)	0.31	866 23	238 7.6	9	77 06	7 0.64	½	₹	2.5	74	63	24	4.4	0.296	0.435	0.4	559	284	0.23	0.3	0.50
16S/1W-13Lb (shal)	0.65 no longer in annual sampling network	annual sar	npling	netw	ork																
16S/1W-13La (inter)	0.65 no longer in annual sampling network	annual sar	npling	netw	ork																
16S/1W-13Lc (deep)	0.65 87	871 194	4 7.3	ω	79 130		22	₹	0.82	75	69	20	3.2	2.390	0.718	<0.2	292	270	0.22	0.3	1.09
16S/1E-17J4	3.85 38	380 6	62 6.3	ιώ	21 94	4 <0.05	5	۲	1.6	34	21	7	3.0	0.657	0.038	<0.2	259	130	0.16	٧	0.17
16S/1E-17R2	3.86 1093	93 192	2 6.6	9	95 252		ς.	₹	4.3	118	29	56	3.5	6.870	0.300	<0.2	748		0.24	0.3	0.19
16S/1E-23E4	6.53 1130	30 312	2 7.0	0	87 173		32	₹	4.6	120	83	59	9	15.100	1.150	<0.2	749		0.29		0.30
16S/1E-23La	6.72 4	417 106		6.9	25 60		7(₹	1.3	37	24	12	3.2	1.390	0.215	<0.2	257	142	0.17	<0.2	0.34
16S/1E-24N5	8.02 57	576 149	7.1	~	39 80	0 <0.05	35	4	1.2	22	33	16	3.2	<0.100	<0.020	<0.2	363		0.21	<0.2	0.21
Seaside Basin																					
15S/1E-15N3 (shal)	89	326 7	72 8.	8.2	41	0.0 7	35	₹	<0.3	19	34	2	3.6	<0.100	<0.020	<0.2	216	89	0.20	<0.2	0.20
15S/1E-15N2 (deep)	1002	02 244	4.8.1	_	148 43	0.0	38	₹	0.73	79	106	4	4.7	<0.100	0.053	<0.2	552		0.40		0.22
15S/1E-23Ca (shal)	60	828 209		8.5	110 41	٠	35	₹	0.65	89	80	15	4.2	1.730	0.538	<0.2	568		0.20		0.14
15S/1E-23Cb (deep)	1291	91 306		8.2	186 90		55	۲	1.3	104	128	23	7.1	<0.100	0.080	<0.2	816		0.44		0.36
15S/1E-15F1 (shal)	'n	312 6	68 8.	8.2	42 11)5	4	0.40	21	32	2	2.3	<0.100	<0.020	<0.2	196	73	0.16	<0.2	<0.10
15S/1E-15F2 (deep)	1007	07 246		7.9	151 41		0	₹	3.2	11	105	16	5.2	<0.100	0.088	<0.2	591		0.34		0.25
15S/1E-15K5 (shal)	4	410 106		8.3	50 16)5	▼	<0.3	53	44	7	3.4	1.210	0.069	<0.2	269		0.26	•	0.15
15S/1E-15K4 (deep)	7.	792 205		8.2	104 34	4 <0.05)5	V	0.42	29	91	-	4.4	0.133	0.116	<0.2	464	193	0.30		0.25
15S/1E-11Pa (shal)	က်	333 6	65 8.	8.2	50 13		35	₹	<0.3	23	34	4	3.6	<0.100	<0.020	<0.05	22	74	0.08	_	<0.10
15S/1E-11Pb (deep)	4			8.2)5	₹	<0.3	22	35	4	3.9	<0.100	<0.020	<0.05	234	71	0.14	0.2	<0.10
15S/1E-12Fa (shal)	ñ		73 8.	8.2			. 20	-	0.33	54	38	2	2.0	<0.100	<0.020	<0.2	211	84	0.14	0.2	<0.10
15S/1E-12Fc (deep)	ਲ	363 7		- .	50 1	15 <0.0	35	⊽	0.37	52	88	ဖ	2.9	2.040	0.862	0.2	230	87	0.20	0.2	<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.