

Water Quality Chemistry Services
ADDITIONAL PHYSICAL, MINERAL, AND METAL CHARACTERISTICS

PARAMETER	Units	CSD MDL	CITY OF SAN DIEGO TREATMENT PLANTS								
			ALVARADO			MIRAMAR			OTAY		
			MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX
2-Methylisoborneol	ppt (ng/L)	5	ND	ND	ND	ND	ND	ND	ND	ND	8
Aggressive Index	---	---	11.8	12.0	12.3	11.7	11.9	12.3	11.2	11.9	12.3
Ammonia (as Nitrogen)	ppm	0.03	ND	0.58	0.89	0.38	0.56	1.05	0.48	0.58	0.84
Bicarbonate	ppm	---	103	133	162	100	120	151	113	142	176
Bromide	ppm	0.1	ND	ND	0.3	ND	ND	0.3	ND	ND	0.3
Calcium	ppm	5	31.7	45.1	62.0	30.0	41.1	60.4	34.7	41.2	48.8
Calcium Hardness	ppm	10	79.3	113	155	74.9	103	151	86.8	103	122
Dissolved Organic Carbon (DOC)*	ppm	0.3	2.1	2.7	3.6	1.9	2.4	3.4	1.8	3.3	6.0
Magnesium	ppm	3	13.2	19.4	25.4	12.3	17.0	23.7	16.2	21.9	28.4
Non-Carb-Hardness	ppm	---	56.1	87.0	128	46.9	76.0	120	69.0	79.7	101
Total Phosphorus	ppb	12.5	ND	53	150	21	44	98	ND	44	142
Potassium	ppm	0.5	3.3	4.3	5.3	3.1	3.8	4.6	3.8	4.8	6.0
Ryzner Aggressive Index	---	---	7.1	7.6	7.9	7.1	7.7	8.0	7.1	7.6	8.5
Silica	ppm	0.625	6.28	8.03	9.77	6.07	7.52	8.96	3.33	5.05	7.49
SUVA*	L/mg-m	---	1.4	1.6	1.8	1.3	1.6	1.7	1.3	1.5	1.7
Total Nitrogen	ppm	0.156	0.69	0.86	1.14	0.62	0.80	0.96	0.74	1.02	1.51

* Results from untreated water