


Monthly Mineral Analyses

Date of Sample: February 14, 2023

2726 Holly Road
 Corpus Christi
 Texas 78415
 Phone 361-826-1800
 Fax 361-826-1889
 www.cctexas.com

Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.477	0.423	0.429	0.652	3.10	0.442	0.418
Sodium	98.1	60.2	150.0	28.7	33.4	106.0	101.0
Iron	0.097	0.096	0.065	0.298	2.00	<0.007	<0.007
Manganese	0.023	0.013	0.018	0.035	0.004	0.001	0.004
Copper	<0.004	<0.002	<0.004	0.002	<0.004	<0.004	0.007
Lead	0.0006	0.0005	<0.0005	0.0012	0.0039	<0.0005	<0.0005
Bromide	0.71	0.39	0.51	0.16	0.31	0.39	0.35
Conductivity	821	780	1282	421	491	960	913
Total Alkalinity	160	177	188	100	128	148	145
Calcium	46	64	96	40	56	74	66
Chloride	117	77	227	40	37	141	136
Fluoride	0.28	0.25	0.21	0.27	0.44	0.33	0.34
Total Hardness	184	184	284	140	190	212	212
pH	8.43	8.41	8.17	7.90	8.22	8.19	8.14
Silica, Dissolved	25.9	25.2	27.9	11.4	5.1	16.9	15.3
Sulfate	59	44	91	39	48	93	92
Turbidity	17	27	18	68	9.29	0.05	0.15
Dissolved Solids	492	430	780	302	331	588	556
Suspended Solids	18	11	4	32	76	<2	<2
Nitrate	0.17	0.17	0.37	2.94	3.23	1.28	1.22
Nitrite	<0.025	<0.025	<0.025	<0.025	0.459	<0.025	<0.025
Ortho-Phosphate	0.06	0.25	0.24	0.35	0.30	0.07	0.07
Atrazine	<2.50	<2.50	<2.50	<2.50	0.027		
Total Arsenic	8.27	8.17	9.11	2.54	<4.18		
Dissolved Arsenic	7.78	7.21	8.63	2.05	<6.45		
Barium	0.117	0.140	0.149	0.114	0.151		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0004		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	0.00006		

Results expressed in mg/L, except as follows: Conductivity—umhos/cm, pH—SU, Turbidity – NTU, Total Hardness/Total Alkalinity – mg/L as CaCO₃, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L.

Reviewed by:  Title: Quality Assurance Officer Date: 03/24/2023