



Monthly Mineral Analyses

Date of Sample: January 12, 2021

Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.11	0.22	0.19	2.7	2.4	0.14	0.13
Sodium	99.7	59.6	149	20.8	22.7	86.7	84.7
Iron	0.07	0.14	0.11	1.6	1.58	0.009	<0.007
Manganese	0.002	0.002	0.004	0.01	0.09	0.002	0.001
Copper	<0.002	<0.002	<0.002	0.003	0.005	<0.002	<0.002
Lead	<0.0005	<0.0005	<0.0005	0.001	0.003	<0.0005	<0.0005
Bromide	0.76	0.48	1.27	0.09	<0.35	0.27	0.21
Conductivity	794	720	1294	301	380	808	815
Total Alkalinity	138	182	192	82	107	125	135
Calcium	51	85	125	37	45	71	67
Chloride	109	82	242	19	29	102	105
Fluoride	0.17	0.17	0.13	0.21	0.25	0.37	0.42
Total Hardness	176	220	316	108	153	200	224
pH	8.20	8.34	7.98	7.73	8.03	7.83	7.97
Silica, Dissolved	23.0	32.5	28.7	30.0	9.89	13.6	13.1
Sulfate	56	41	82	24	32	77	76
Turbidity	11	21	9.2	130	260	0.10	1.2
Dissolved Solids	548	504	814	296	316	512	534
Suspended Solids	12	16	6	74	174	<2	<2
Nitrate	0.09	0.12	0.23	2.21	1.47	1.81	1.94
Nitrite	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Ortho-Phosphate	<0.03	0.14	0.13	0.31	0.39	0.03	<0.03
Atrazine	<2.5	<2.5	<2.5	<2.5			
Total Arsenic	6.1	6.8	7.6	2.4	<6.0		
Dissolved Arsenic	<10.0	<10.0	10.4	<10.0	<6.0		
Barium	0.10	0.14	0.18	0.11	0.13		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0006		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001		

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.

As of January 2021, Stevens Treated (Plant #1) and Stevens Treated (Plant #2) have been combined into a single sample location and entry point. Monthly Mineral Reports will now only show sample results for the combined 'Stevens Treated'.

Reviewed by: Monica Santam Title: Laboratory Tech III Date: 2-3-2021

Approved by: YMB Title: Laboratory Manager Date: 2/3/2021

UTILITIES

Maintenance of Lines & Treatment

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

Gas

4225 S. Port Ave.
Corpus Christi
Texas 78415
Phone 361-885-6900
Fax 361-853-3200
www.cctexas.com