



CCH Water Quality Testing for Brewing

Orleans Parish						
Test	10/24/2017	4/24/2018	7/13/2018	4/23/2024	7/29/2024	10/28/2024
pH	9	9	8.7	8.7	8.6	8.6
Total Dissolved Solids (TDS) Est, ppm	339	232	287	271	271	331
Electrical Conductivity, mmho/cm	0.56	0.39	0.48	0.45	0.45	0.55
Cations / Anions, me/L	6.5 / 6.1	4.2 / 3.8	5.8 / 5.3	4.8 / 4.4	5.1 / 4.9	5.8 / 5.6
Elements (ppm)						
Sodium, Na	43	20	31	31	26	42
Potassium, K	4	3	4	4	4	4
Calcium, Ca	60	47	57	45	51.9	51.2
Magnesium, Mg	19	10	17	13	15	15
Total Hardness, CaCO ₃	229	159	213	167	193	190
Nitrate, NO ₃ -N	0.7 (SAFE)	1.1 (SAFE)	2.5 (SAFE)	1.3 (SAFE)	2.3 (SAFE)	0.4 (SAFE)
Sulfate, SO ₄ -S	26	16	21	17	17	25
Chloride, Cl	39	24	30	32	30	38
Carbonate, CO ₃	10.8	6	4.8	3.8	3.5	3.9
Bicarbonate, HCO ₃	179	113	168	139	162	168
Total Alkalinity, CaCO ₃	162	101	145	119	137	143
Total Phosphorus, P	0.14	0.16	0.2	0.18	0.1	0.15
Total Iron, Fe	< 0.01	< 0.01	< 0.01	< 0.01	0.04	< 0.01

Jefferson Parish						
Test	10/24/2017	4/24/2018	7/13/2018	4/23/2024	7/29/2024	10/28/2024
pH	8.1	7.8	8	7.8	7.6	7.7
Total Dissolved Solids (TDS) Est, ppm	347	214	278	239	241	305
Electrical Conductivity, mmho/cm	0.58	0.36	0.46	0.4	0.4	0.51
Cations / Anions, me/L	6.5 / 6.1	3.7 / 3.5	5.3 / 4.8	4.3 / 4.0	4.3 / 4.0	5.2 / 4.9
Elements (ppm)						
Sodium, Na	43	17	27	26	18	37
Potassium, K	4	3	4	3	4	4
Calcium, Ca	58	41	53	39.4	45	42.3
Magnesium, Mg	19	10	17	13	14	16
Total Hardness, CaCO ₃	224	144	203	152	171	172
Nitrate, NO ₃ -N	0.7 (SAFE)	1.0 (SAFE)	2.5 (SAFE)	1.3 (SAFE)	2.2 (SAFE)	0.6 (SAFE)
Sulfate, SO ₄ -S	27	14	20	14	15	24
Chloride, Cl	44	24	30	31	28	39
Carbonate, CO ₃	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bicarbonate, HCO ₃	188	116	156	128	130	139
Total Alkalinity, CaCO ₃	156	96	129	106	107	115
Total Phosphorus, P	0.11	0.16	0.19	0.11	0.12	0.09
Total Iron, Fe	< 0.01	< 0.01	< 0.01	0.07	0.07	< 0.01

< - Not Detected / Below Detection Limit