

**Louisville Water
B.E. Payne Water Treatment Plant
July 2023 Water Quality Report**

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	107	83	88	31
Ammonia-N, Free	mg/L	0.08	< 0.03	0.05	11
Ammonia-N, Free	mg/L	0.10	0.01	0.07	20
Ammonia-N, Total	mg/L	0.75	0.62	0.72	20
Bromide	mg/L	0.020	0.019	0.019	4
Calcium	mg/L	48	33	37	4
Calcium Hardness (CALC PKG)	mg/L	120	82	93	4
Chloramine, Mono-	mg/L	3.43	2.88	3.18	31
Chloride	mg/L	36	33	34	4
Conductivity	umhos/cm	394	380	386	4
Dissolved Organic Carbon	mg/L	2.23	1.47	1.87	4
E. coli	MPN/100 mL	< 1	< 1	< 1	31
Fluoride	mg/L	0.73	0.67	0.70	31
Hardness, Total	mg/L	150	122	129	31
Magnesium (CALC)	mg/L	10	10	10	1
Magnesium Hardness (as CaCO3) CALC	mg/L	42	42	42	1
Nitrate-N	mg/L	0.24	0.17	0.21	4
Nitrite-N	mg/L	< 0.005	< 0.005	< 0.005	4
Non-Carbonate Hardness (CALC)	mg/L	48	34	41	31
Odor	TON	< 1	< 1	< 1	31
pH	SU	8.64	8.35	8.53	31
Sulfate	mg/L	53	50	51	4
Temperature	°F	70.6	65.4	67.8	31
Total Chlorine	mg/L	3.40	2.90	3.10	31
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	31
Turbidity	NTU	0.07	0.03	0.05	31

**Louisville Water
Crescent Hill Filter Plant
July 2023 Water Quality Report**

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	68	50	60	31
Ammonia-N, Free	mg/L	0.12	< 0.03	0.07	11
Ammonia-N, Free	mg/L	0.13	0.03	0.09	20
Ammonia-N, Total	mg/L	0.75	0.69	0.73	20
Bromide	mg/L	0.025	0.022	0.023	4
Calcium	mg/L	44	28	33	4
Calcium Hardness (CALC PKG)	mg/L	110	71	82	4
Chloramine, Mono-	mg/L	3.19	2.81	3.00	31
Chloride	mg/L	41	36	40	4
Conductivity	umhos/cm	418	385	404	4
Dissolved Organic Carbon	mg/L	2.77	2.30	2.53	4
E. coli	MPN/100 mL	< 1	< 1	< 1	31
Fluoride	mg/L	0.75	0.69	0.71	31
Hardness, Total	mg/L	128	106	119	31
Magnesium (CALC)	mg/L	12	12	12	1
Magnesium Hardness (as CaCO3) CALC	mg/L	48	48	48	1
Manganese	mg/L	0.002	< 0.001	0.001	4
Nitrate-N	mg/L	1.53	1.11	1.29	4
Nitrite-N	mg/L	0.010	0.009	0.009	4
Non-Carbonate Hardness (CALC)	mg/L	68	48	59	31
Odor	TON	1	< 1	< 1	31
pH	SU	8.86	8.65	8.77	31
Sulfate	mg/L	74	64	70	4
Taste	F.T.N.	1	< 1	< 1	31
Temperature	°F	82.5	75.6	79.2	31
Total Chlorine	mg/L	3.20	2.80	3.00	31
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	31
Turbidity	NTU	0.07	0.04	0.06	31