

Louisville Water
B. E. Payne Water Treatment Plant
June 2024 Water Quality Report

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	93	83	88	30
Ammonia-N, Free	mg/L	0.16	0.05	0.09	30
Ammonia-N, Total	mg/L	0.72	0.63	0.67	19
Bromide	mg/L	0.019	0.016	0.017	4
Calcium	mg/L	42	35	39	3
Calcium Hardness (CALC PKG)	mg/L	105	87	97	3
Chloramine, Mono-	mg/L	3.06	2.68	2.89	30
Chloride	mg/L	31	30	31	4
Chlorite	mg/L	0.33	0.00	0.28	30
Chlorite EPA 300.1	mg/L	0.33	0.30	0.32	4
Conductivity	umhos/cm	382	377	380	3
Copper	mg/L	0.003	0.003	0.003	1
Dissolved Organic Carbon	mg/L	1.97	1.67	1.85	3
E. coli	MPN/100 mL	< 1	< 1	< 1	30
Fluoride	mg/L	0.72	0.67	0.70	30
Hardness, Total	mg/L	135	123	129	30
Lead	mg/L	< 0.001	< 0.001	< 0.001	1
Magnesium (CALC)	mg/L	< 10	< 10	< 10	1
Magnesium Hardness (as CaCO3) CALC	mg/L	28	28	28	1
Nitrate-N	mg/L	0.24	0.22	0.23	4
Nitrite-N	mg/L	< 0.005	< 0.005	< 0.005	4
Non-Carbonate Hardness (CALC)	mg/L	47	34	40	30
Odor	TON	< 1	< 1	< 1	30
pH	SU	8.65	8.42	8.53	30
Sulfate	mg/L	50	47	49	4
Temperature	°F	66.0	60.6	62.9	30
Total Chlorine	mg/L	3.00	2.60	2.80	30
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	30
Turbidity	NTU	0.07	0.04	0.05	30

**Louisville Water
Crescent Hill Filter Plant
June 2024 Water Quality Report**

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	69	55	62	30
Ammonia-N, Free	mg/L	0.15	0.06	0.10	30
Ammonia-N, Total	mg/L	0.74	0.68	0.71	19
Bromide	mg/L	0.021	0.017	0.018	4
Calcium	mg/L	38	29	34	3
Calcium Hardness (CALC PKG)	mg/L	96	71	86	3
Chloramine, Mono-	mg/L	3.12	2.79	2.95	30
Chloride	mg/L	34	31	32	4
Conductivity	umhos/cm	385	368	375	3
Copper	mg/L	0.002	0.002	0.002	1
Dissolved Organic Carbon	mg/L	2.57	2.33	2.44	3
E. coli	MPN/100 mL	< 1	< 1	< 1	30
Fluoride	mg/L	0.75	0.66	0.70	30
Hardness, Total	mg/L	126	112	117	30
Lead	mg/L	< 0.001	< 0.001	< 0.001	1
Magnesium (CALC)	mg/L	< 10	< 10	< 10	1
Magnesium Hardness (as CaCO3) CALC	mg/L	25	25	25	1
Manganese	mg/L	0.002	0.002	0.002	4
Nitrate-N	mg/L	1.08	1.00	1.05	4
Nitrite-N	mg/L	0.010	0.010	0.010	4
Non-Carbonate Hardness (CALC)	mg/L	60	50	55	29
Odor	TON	1	< 1	< 1	30
pH	SU	8.78	8.63	8.70	30
Sulfate	mg/L	67	63	65	4
Taste	F.T.N.	1	< 1	< 1	30
Temperature	°F	81.6	71.2	76.1	30
Total Chlorine	mg/L	3.00	2.70	2.90	30
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	30
Turbidity	NTU	0.08	0.06	0.07	30