

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

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	92	75	85	29
Ammonia-N, Free	mg/L	0.10	0.06	0.08	4
Ammonia-N, Free	mg/L	0.13	0.04	0.09	25
Ammonia-N, Total	mg/L	0.67	0.59	0.63	21
Calcium	mg/L	39	32	36	4
Calcium Hardness (CALC PKG)	mg/L	97	81	91	4
Chloramine, Mono-	mg/L	2.81	2.54	2.70	29
Chlorine Dioxide Palintest	mg/L	< 0.02	< 0.02	< 0.02	29
Chlorite Palintest	mg/L	0.28	0.08	0.16	29
Conductivity	umhos/cm	412	373	395	4
Copper	mg/L	0.002	0.002	0.002	1
Dissolved Organic Carbon	mg/L	1.70	1.57	1.63	3
E. coli	MPN/100 mL	< 1	< 1	< 1	29
Fluoride	mg/L	0.73	0.65	0.68	29
Hardness, Total	mg/L	136	110	126	29
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	34	34	34	1
Non-Carbonate Hardness (CALC)	mg/L	46	33	41	29
Odor	TON	< 1	< 1	< 1	29
pH	SU	8.80	8.52	8.64	29
Temperature	°F	59.3	55.7	57.5	29
Total Chlorine	mg/L	2.80	2.50	2.60	29
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	29
Turbidity	NTU	0.07	0.03	0.04	29

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

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	66	46	55	29
Ammonia-N, Free	mg/L	0.09	< 0.03	0.07	4
Ammonia-N, Free	mg/L	0.11	0.04	0.08	25
Ammonia-N, Total	mg/L	0.63	0.58	0.61	21
Calcium	mg/L	38	34	36	4
Calcium Hardness (CALC PKG)	mg/L	94	84	89	4
Chloramine, Mono-	mg/L	2.80	2.47	2.66	29
Conductivity	umhos/cm	330	298	318	4
Copper	mg/L	< 0.001	< 0.001	< 0.001	1
Dissolved Organic Carbon	mg/L	2.13	1.97	2.03	3
E. coli	MPN/100 mL	< 1	< 1	< 1	29
Fluoride	mg/L	0.68	0.60	0.64	29
Hardness, Total	mg/L	120	91	105	29
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	11	11	11	1
Manganese	mg/L	0.002	0.001	0.001	4
Non-Carbonate Hardness (CALC)	mg/L	58	40	50	29
Odor	TON	1.5	< 1	< 1	29
pH	SU	9.10	8.68	8.87	29
Taste	F.T.N.	1	< 1	< 1	29
Temperature	°F	46.1	37.8	42.5	29
Total Chlorine	mg/L	2.70	2.40	2.60	29
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	29
Total Organic Carbon	mg/L	2.00	2.00	2.00	1
Turbidity	NTU	0.06	0.04	0.05	29