

Louisville Water
B.E. Payne Water Treatment
March 2024 Water Quality Report

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	87	75	81	31
Ammonia-N, Free	mg/L	0.07	0.06	0.06	4
Ammonia-N, Free	mg/L	0.25	0.04	0.09	27
Ammonia-N, Total	mg/L	0.76	0.58	0.62	20
Bromide	mg/L	0.020	0.017	0.018	2
Calcium	mg/L	36	31	34	4
Calcium Hardness (CALC PKG)	mg/L	90	76	84	3
Chloramine, Mono-	mg/L	2.90	2.57	2.70	31
Chloride	mg/L	32	32	32	2
Chlorine Dioxide Palintest	mg/L	< 0.02	< 0.02	< 0.02	31
Chlorite	mg/L	0.25	0.20	0.23	2
Chlorite Palintest	mg/L	0.45	0.05	0.20	31
Conductivity	umhos/cm	379	364	369	4
Copper	mg/L	0.002	0.002	0.002	1
Dissolved Organic Carbon	mg/L	1.53	1.50	1.51	3
E. coli	MPN/100 mL	< 1	< 1	< 1	31
Fluoride	mg/L	0.75	0.66	0.70	31
Hardness, Total	mg/L	132	112	121	31
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	33	33	33	1
Nitrate-N	mg/L	0.41	0.31	0.36	2
Nitrite-N	mg/L	< 0.005	< 0.005	< 0.005	2
Non-Carbonate Hardness (CALC)	mg/L	46	33	40	30
Odor	TON	1	< 1	< 1	31
pH	SU	8.71	8.43	8.61	31
Sulfate	mg/L	47	47	47	2
Temperature	°F	57.1	54.2	55.8	31
Total Chlorine	mg/L	2.90	2.40	2.70	31
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	31
Turbidity	NTU	0.06	0.03	0.04	31

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

ANALYSIS	UNITS	FINISHED			TESTS
		MAX.	MIN.	AVG.	
Alkalinity	mg/L	66	51	61	31
Ammonia-N, Free	mg/L	0.15	0.03	0.09	4
Ammonia-N, Free	mg/L	0.16	0.05	0.08	27
Ammonia-N, Total	mg/L	0.62	0.59	0.61	20
Bromide	mg/L	0.014	0.013	0.013	2
Calcium	mg/L	41	31	36	4
Calcium Hardness (CALC PKG)	mg/L	103	78	92	3
Chloramine, Mono-	mg/L	2.82	2.36	2.64	31
Chloride	mg/L	29	26	28	2
Conductivity	umhos/cm	348	304	330	4
Copper	mg/L	0.001	0.001	0.001	1
Dissolved Organic Carbon	mg/L	2.03	1.87	1.98	3
E. coli	MPN/100 mL	< 1	< 1	< 1	31
Fluoride	mg/L	0.71	0.65	0.68	31
Hardness, Total	mg/L	121	97	109	31
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	22	22	22	1
Manganese	mg/L	0.003	0.002	0.002	4
Nitrate-N	mg/L	1.03	0.89	0.96	2
Nitrite-N	mg/L	0.011	0.008	0.009	2
Non-Carbonate Hardness (CALC)	mg/L	57	43	51	30
Odor	TON	2	< 1	< 1	31
pH	SU	8.90	8.59	8.73	31
Sulfate	mg/L	53	51	52	2
Taste	F.T.N.	1	< 1	< 1	31
Temperature	°F	51.5	44.4	48.1	31
Total Chlorine	mg/L	2.80	2.30	2.60	31
Total coliform bacteria	MPN/100 mL	< 1	< 1	< 1	31
Turbidity	NTU	0.09	0.05	0.06	31