



Lopez Project Test Results 4/28-5/2/2025

Date/Parameter	Units	WQ-13	LD-21	LD-22	LD-23	LD-24	LD-25	LD-26	LD-27	LD-28	LD-29	LD-30	LD-31	LD-32	LD-33
28-Apr															
Total Coliform Presence/Absence	Presence/Absence	Absent	Absent	Present	Absent	Absent	Present	Present	Absent	Absent	Absent	Present	Absent	Absent	Present
E. coli Presence/Absence	Presence/Absence	Absent	Absent	Absent	Absent	Absent	Absent	Present	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Heterotrophic Plate Count	CFU/mL	< 1	575	81	89	61	70	33	4	11	5	8	1	36	53
Free Ammonia Screen	mg/L	0.09	-----	0.11	-----	0.08	-----	-----	0.12	-----	0.16	-----	0.1	0.08	0.16
Monochloramine Screen	mg/L	2.35	-----	2.37	-----	2.37	-----	-----	2.37	-----	2.39	-----	2.26	2.27	1.38
NO2- N (measured in field)	mg/L	0.002	-----	0.004	-----	0.003	-----	-----	0.011	-----	0.006	-----	0.005	0.005	0.068
Total Ammonia Screen (Field)	mg/L	0.55	-----	0.58	-----	0.55	-----	-----	0.59	-----	0.63	-----	0.55	0.53	0.43
Total Chlorine Residual (measured in the field)	mg/L	2.54	2.52	2.51	2.51	2.49	2.5	2.47	2.47	2.45	2.4	2.35	2.4	2.36	1.45
Total Chlorine Residual:Total Ammonia Ratio	Ratio	4.62	-----	4.33	-----	4.53	-----	-----	4.19	-----	3.81	-----	4.36	4.45	3.37
Temperature	°C	17.9	18	18	18.6	18	18	18	18	18.7	18.5	18.5	18.6	18.8	22.4
Threshold Odor @ 60°C	TON	-----	-----	1	-----	1	-----	-----	1	-----	1	-----	1	1	1
Turbidity	NTU	-----	-----	0.08	-----	0.07	-----	-----	0.07	-----	0.07	-----	0.08	0.08	0.18
29-Apr															
Total Coliform Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 1	13.5	< 1	< 1
E. Coli Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Heterotrophic Plate Count	CFU/mL	< 1	35	< 1	16	8	12	11	3	12	10	13	21	3	9
Temperature	°C	18.2	17.8	18	18.1	18.5	18.2	18.1	18.3	18.4	18.7	18.7	19.1	19.1	18.7
Total Chlorine Residual (measured in the field)	mg/L	2.58	2.57	2.67	2.59	2.7	2.57	2.69	2.51	2.49	2.38	2.22	2.28	2.31	2.27
30-Apr															
Total Coliform Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1
E. Coli Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Heterotrophic Plate Count	CFU/mL	< 1	11	< 1	< 1	< 1	1	< 1	< 1	2	< 1	< 1	1	< 1	< 1
Temperature	°C	18.1	17.6	17.7	17.9	17.9	18	18	18.1	18.5	18.8	17.6	18.4	19.3	20.1
Total Chlorine Residual (measured in the field)	mg/L	2.6	2.7	2.64	2.62	2.65	2.58	2.87	2.53	2.56	2.37	2.41	2.42	2.73	2.08
1-May															
Total Coliform Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
E. Coli Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Heterotrophic Plate Count	CFU/mL	< 1	4	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Temperature	°C	18.3	17.6	17.7	20	17.9	17.6	17.6	18	18.1	18.1	18	17.8	19.2	18.6
Total Chlorine Residual (measured in the field)	mg/L	2.82	2.59	2.55	2.92	2.53	2.69	2.5	2.49	2.48	2.4	2.43	2.29	2.34	2.12
2-May															
Total Coliform Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
E. Coli Bacteria	MPN/100mL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Heterotrophic Plate Count	CFU/mL	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Temperature	°C	18.9	18.2	18.3	21	18.6	18.5	18.5	18.8	19	20	19.3	19.3	20.5	18.5
Total Chlorine Residual (measured in the field)	mg/L	2.99	2.96	2.78	2.35	2.73	2.74	2.7	2.69	2.4	2.19	2.27	2.71	2.18	2.13