

Analytical Report

Lopez Treatment Plant Raw		230317025-01	Sample Date:	4/3/2023 9:43 AM	Sampler: Vvogel			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	68	ug/L	50	200	E200.7	DRuedas	4/6/2023	
Antimony	< 1.0	ug/L		6	E200.8	EEA	4/19/2023	
Arsenic	5.0	ug/L		10	E200.8	EEA	4/19/2023	
Barium	33	ug/L	10	1000	E200.7	DRuedas	4/6/2023	
Beryllium	< 1.0	ug/L	1	4	E200.7	DRuedas	4/6/2023	
Boron	45	ug/L	25	1000	E200.7	DRuedas	4/6/2023	
Cadmium	< 0.50	ug/L		5	E200.8	EEA	4/19/2023	
Chromium	< 0.90	ug/L			E200.8	EEA	4/19/2023	
Chromium	< 10	ug/L	10	50	E200.7	DRuedas	4/6/2023	
CLIP Upload Fee	Yes	Units			None			
Cyanide	< 25	ug/L			SCN-F	EEA	4/14/2023	
Dissolved Oxygen	10.00	mg/L			S4500OG	Vvogel	4/3/2023	
Intake # currently in use	2	Units			N/A	Vvogel	4/3/2023	
Iron	38	ug/L	20	300	E200.7	DRuedas	4/6/2023	
Lead	< 0.50	ug/L		15	E200.8	EEA	4/19/2023	
Manganese	11	ug/L	10	50	E200.7	DRuedas	4/6/2023	
Mercury	< 0.10	ug/L		2	E245.1	EEA	4/18/2023	
Nickel	< 10	ug/L	10	100	E200.7	DRuedas	4/6/2023	
Perchlorate	< 2.0	ug/L			E331	CLSB	4/11/2023	
pH (measured in field)	8.59	SU			SH-B	Vvogel	4/3/2023	
Selenium	< 2.0	ug/L		50	E200.8	EEA	4/19/2023	
Temperature	12.1	°C			S2550B	Vvogel	4/3/2023	
Thallium	< 0.30	ug/L		2	E200.8	EEA	4/19/2023	
Turbidity (measured in field)	1.3	NTU	0.03		S2130B	Vvogel	4/3/2023	
Lopez Treatment Plant Treated		230317025-02	Sample Date:	4/3/2023 9:31 AM	Sampler: Vvogel			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Analytical Report

Lopez Treatment Plant Treated **230317025-02** **Sample Date:** 4/3/2023 9:31 AM **Sampler:** Vvogel

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Aluminum	< 50	ug/L	50	200	E200.7	DRuedas	4/6/2023	
Antimony	< 1.0	ug/L		6	E200.8	EEA	4/19/2023	
Arsenic	3.3	ug/L		10	E200.8	EEA	4/19/2023	
Barium	31	ug/L	10	1000	E200.7	DRuedas	4/6/2023	
Beryllium	< 1.0	ug/L	1	4	E200.7	DRuedas	4/6/2023	
Boron	48	ug/L	25	1000	E200.7	DRuedas	4/6/2023	
Cadmium	< 0.50	ug/L		5	E200.8	EEA	4/19/2023	
Chromium	< 10	ug/L	10	50	E200.7	DRuedas	4/6/2023	
Chromium	1.4	ug/L			E200.8	EEA	4/19/2023	
Cyanide	< 25	ug/L			SCN-F	EEA	4/14/2023	
Iron	< 20	ug/L	20	300	E200.7	DRuedas	4/6/2023	
Lead	< 0.50	ug/L		15	E200.8	EEA	4/19/2023	
Manganese	< 10	ug/L	10	50	E200.7	DRuedas	4/6/2023	
Mercury	< 0.10	ug/L		2	E245.1	EEA	4/18/2023	
Nickel	< 10	ug/L	10	100	E200.7	DRuedas	4/6/2023	
Perchlorate	< 2.0	ug/L			E331	CLSB	4/11/2023	
Selenium	2.10	ug/L		50	E200.8	EEA	4/19/2023	
Thallium	< 0.30	ug/L		2	E200.8	EEA	4/19/2023	

Lopez Treatment Plant Raw **230317026-00** **Sample Date:** 4/3/2023 9:54 AM **Sampler:** Vvogel

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Calcium	74	mg/L	5		E200.7	FZenker	4/13/2023	
Langelier Index (Calculated)	0.99	LANG			N/A	DRuedas	4/27/2023	
Magnesium	35	mg/L	1		E200.7	FZenker	4/13/2023	
pH (measured in field)	8.59	SU			SH-B	VVogel	4/3/2023	
pH (measured in the lab)	7.99	SU			SH-B	MDAndrews	4/3/2023	
Temperature	12.1	°C			S2550B	VVogel	4/3/2023	
Total Alkalinity as CaCO3	195	mg/L	1		S2320B	EGarcia	4/4/2023	
Total Dissolved Solids	440	mg/L	1	1000	S2540C	MDAndrews	4/6/2023	
Total Hardness as CaCO3 (Calculated)	330	mg/L	1		E200.7	FZenker	4/13/2023	

Lopez Treatment Plant Treated **230317026-01** **Sample Date:** 4/3/2023 9:31 AM **Sampler:** Vvogel

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Calcium	74	mg/L	5		E200.7	FZenker	4/13/2023	
Magnesium	35	mg/L	1		E200.7	FZenker	4/13/2023	
Total Hardness as CaCO3 (Calculated)	330	mg/L	1		E200.7	FZenker	4/13/2023	

Delivered Water **230317026-02** **Sample Date:** 4/3/2023 9:31 AM **Sampler:** Vvogel

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Calcium	59	mg/L	5		E200.7	FZenker	4/13/2023	
Magnesium	28	mg/L	1		E200.7	FZenker	4/13/2023	
Total Hardness as CaCO3 (Calculated)	260	mg/L	1		E200.7	FZenker	4/13/2023	

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Lopez Treatment Plant Treated **230317027-01** **Sample Date:** 4/3/2023 9:31 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Iron	< 20	ug/L	20	300	E200.7	FZenker	4/12/2023	
Manganese	< 10	ug/L	10	50	E200.7	FZenker	4/12/2023	

Delivered Water **230317028-00** **Sample Date:** 4/3/2023 10:00 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	Vvogel	4/4/2023	
Heterotrophic Plate Count	< 1	CFU/mL	1	500	S9215B	Vvogel	4/5/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	EGarcia	4/3/2023	
Temperature	14.6	°C			S2550B	Vvogel	4/4/2023	
Threshold Odor @ 60°C	1.2	TON	1	3	S2150B	EGarcia	4/3/2023	
Total Chlorine Residual (measured in the field)	2.58	mg/L	0.1	4	SCL-G	Vvogel	4/4/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	Vvogel	4/4/2023	
Turbidity (measured in field)	0.080	NTU	0.03		S2130B	Vvogel	4/4/2023	

Domestic Tank **230317028-01** **Sample Date:** 4/3/2023 10:25 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	Vvogel	4/4/2023	
Heterotrophic Plate Count	5	CFU/mL	1	500	S9215B	Vvogel	4/5/2023	
Temperature	13.8	°C			S2550B	Vvogel	4/4/2023	
Total Chlorine Residual (measured in the field)	2.92	mg/L	0.1	4	SCL-G	Vvogel	4/4/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	Vvogel	4/4/2023	

Lopez Treatment Plant Raw **230317028-02** **Sample Date:** 4/3/2023 9:56 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Blue-green Algae	2700	Cells/mL		2000	S10300C	Vvogel	4/4/2023	
Calculated Total Algae Count	2900	Cells/mL	1		S10300C	Vvogel	4/4/2023	
Cryptomonads	0	Cells/mL			S10300C	Vvogel	4/4/2023	
Diatoms	15	Cells/mL			S10300C	Vvogel	4/4/2023	
Dinoflagellates	11	Cells/mL			S10300C	Vvogel	4/4/2023	
Dissolved Oxygen	10.00	mg/L			S4500OG	Vvogel	4/4/2023	
Flagellates	0	Cells/mL			S10300C	Vvogel	4/4/2023	
Golden Algae	0	Cells/mL			S10300C	Vvogel	4/4/2023	
Green Algae	190	Cells/mL			S10300C	Vvogel	4/4/2023	
Intake # currently in use	2	Units			N/A	Vvogel	4/4/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	EGarcia	4/3/2023	
pH (measured in field)	8.59	SU			SH-B	Vvogel	4/4/2023	
Temperature	12.1	°C			S2550B	Vvogel	4/4/2023	
Threshold Odor @ 60°C	1.2	TON	1	3	S2150B	EGarcia	4/3/2023	
Turbidity	1.7	NTU	0.03	0.5	S2130B	EGarcia	4/3/2023	
Turbidity (measured in field)	1.3	NTU	0.03		S2130B	Vvogel	4/4/2023	

Lopez Treatment Plant Raw **230317028-03** **Sample Date:** 4/3/2023 9:56 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
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Analytical Report

Lopez Treatment Plant Raw		230413006-00	Sample Date:	4/7/2023 4:50 PM	Sampler: Fzenker			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Organic Carbon	NA		0.3		S5310B			
Total Organic Carbon	7.2	mg/L			S5310C	CLSB	4/18/2023	
Delivered Water		230322003-00	Sample Date:	4/8/2023 8:50 AM	Sampler: JCaldera			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	JCaldera	4/8/2023	
Chlorite by Amperometric Tiration	0.76	mg/L	0.1	1	SCLO2E	JCaldera	4/8/2023	
On-line Chlorite Analyzer Reading	0.59	mg/L			None	JCaldera	4/8/2023	
Delivered Water		230323003-00	Sample Date:	4/9/2023 8:55 AM	Sampler: JCaldera			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	JCaldera	4/9/2023	
Chlorite by Amperometric Tiration	0.67	mg/L	0.1	1	SCLO2E	JCaldera	4/9/2023	
On-line Chlorite Analyzer Reading	0.75	mg/L			None	JCaldera	4/9/2023	
Lopez Treatment Plant Raw		230324014-00	Sample Date:	4/10/2023 9:35 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Arsenic	NA			10	E200.8	EEA		
Total Phenols (Phenolics) by 420.1	NA				E420.1	EEA		
Lopez Treatment Plant Treated		230324014-01	Sample Date:	4/10/2023 9:35 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Arsenic	NA			10	E200.8	EEA		
Delivered Water		230324015-00	Sample Date:	4/10/2023 9:05 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	DKoury	4/10/2023	
Chlorite by Amperometric Tiration	0.63	mg/L	0.1	1	SCLO2E	DKoury	4/10/2023	
On-line Chlorite Analyzer Reading	0.75	mg/L			None	DKoury	4/10/2023	
Delivered Water		230324018-00	Sample Date:	4/10/2023 9:35 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Color-Apparent	4	PCU	1	15	S2120B	EGarcia	4/10/2023	
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/11/2023	
Heterotrophic Plate Count	< 1	CFU/mL	1	500	S9215B	KPang	4/12/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	M	Odor Type			S2150B	EGarcia	4/10/2023	
Temperature	15.2	°C			S2550B	MDAndrews	4/10/2023	
Threshold Odor @ 60°C	2.0	TON	1	3	S2150B	EGarcia	4/10/2023	
Total Chlorine Residual (measured in the field)	2.48	mg/L	0.1	4	SCL-G	MDAndrews	4/10/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/11/2023	
Turbidity (measured in field)	0.12	NTU	0.03		S2130B	MDAndrews	4/10/2023	
Domestic Tank		230324018-01	Sample Date:	4/10/2023 9:50 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

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Domestic Tank		230324018-01	Sample Date:	4/10/2023 9:50 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/11/2023	
Heterotrophic Plate Count	16	CFU/mL	1	500	S9215B	KPang	4/12/2023	
Temperature	14.7	°C			S2550B	MDAndrews	4/10/2023	
Total Chlorine Residual (measured in the field)	2.54	mg/L	0.1	4	SCL-G	MDAndrews	4/10/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/11/2023	

Lopez Treatment Plant Raw		230324018-02	Sample Date:	4/10/2023 9:31 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Blue-green Algae	0	Cells/mL		2000	S10300C	VVogel	4/14/2023	
Calculated Total Algae Count	6	Cells/mL	1		S10300C	JAlmas	4/14/2023	
Color-Apparent	15	PCU	1	15	S2120B	EGarcia	4/10/2023	
Color-True	13	PCU	1	15	S2120B	EGarcia	4/11/2023	
Cryptomonads	0	Cells/mL			S10300C	VVogel	4/14/2023	
Diatoms	6	Cells/mL			S10300C	VVogel	4/14/2023	
Dinoflagellates	0	Cells/mL			S10300C	VVogel	4/14/2023	
Dissolved Oxygen	6.48	mg/L			S4500OG	MDAndrews	4/10/2023	
Flagellates	0	Cells/mL			S10300C	VVogel	4/14/2023	
Golden Algae	0	Cells/mL			S10300C	VVogel	4/14/2023	
Green Algae	0	Cells/mL			S10300C	VVogel	4/14/2023	
Intake # currently in use	2	Units			N/A	MDAndrews	4/10/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	EGarcia	4/10/2023	
pH (measured in field)	7.97	SU			SH-B	MDAndrews	4/10/2023	
Temperature	15.7	°C			S2550B	MDAndrews	4/10/2023	
Threshold Odor @ 60°C	2.0	TON	1	3	S2150B	EGarcia	4/10/2023	
Turbidity	1.5	NTU	0.03	0.5	S2130B	EGarcia	4/10/2023	
Turbidity (measured in field)	1.7	NTU	0.03		S2130B	MDAndrews	4/10/2023	

Lopez Treatment Plant Raw		230324018-03	Sample Date:	4/10/2023 9:31 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
E. Coli Bacteria	< 1	MPN/100ml	1		S9223B	VVogel	4/11/2023	
Total Coliform Bacteria	1000	MPN/100mL	1		S9223B	VVogel	4/11/2023	

Lopez Treatment Plant Treated		230324018-04	Sample Date:	4/10/2023 9:48 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Color-Apparent	4	PCU	1	15	S2120B	EGarcia	4/10/2023	
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/11/2023	
Heterotrophic Plate Count	< 1	CFU/mL	1	500	S9215B	KPang	4/12/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	M	Odor Type			S2150B	EGarcia	4/10/2023	
Temperature	15.5	°C			S2550B	MDAndrews	4/10/2023	
Threshold Odor @ 60°C	1.2	TON	1	3	S2150B	EGarcia	4/10/2023	
Total Chlorine Residual (measured in the field)	3.10	mg/L	0.1	4	SCL-G	MDAndrews	4/10/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/11/2023	

Analytical Report

Lopez Treatment Plant Treated		230324016-00	Sample Date:	4/11/2023 9:15 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	DKoury	4/11/2023	
Chlorite by Amperometric Tiration	0.72	mg/L	0.1	1	SCLO2E	DKoury	4/11/2023	
On-line Chlorite Analyzer Reading	0.70	mg/L			None	DKoury	4/11/2023	
Delivered Water		230325013-00	Sample Date:	4/11/2023 8:50 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	DKoury	4/11/2023	
Chlorite by Amperometric Tiration	0.63	mg/L	0.1	1	SCLO2E	DKoury	4/11/2023	
On-line Chlorite Analyzer Reading	0.68	mg/L			None	DKoury	4/11/2023	
Delivered Water		230326014-00	Sample Date:	4/12/2023 8:53 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	DKoury	4/12/2023	
Chlorite by Amperometric Tiration	0.71	mg/L	0.1	1	SCLO2E	DKoury	4/12/2023	
On-line Chlorite Analyzer Reading	0.62	mg/L			None	DKoury	4/12/2023	
Delivered Water		230327005-00	Sample Date:	4/13/2023 8:55 AM	Sampler: Brobinson			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	DKoury	4/13/2023	
Chlorite by Amperometric Tiration	0.77	mg/L	0.1	1	SCLO2E	DKoury	4/13/2023	
On-line Chlorite Analyzer Reading	0.65	mg/L			None	DKoury	4/13/2023	
Delivered Water		230328003-00	Sample Date:	4/14/2023 8:45 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	DKoury	4/14/2023	
Chlorite by Amperometric Tiration	0.81	mg/L	0.1	1	SCLO2E	DKoury	4/14/2023	
On-line Chlorite Analyzer Reading	0.78	mg/L			None	DKoury	4/14/2023	
Delivered Water		230330005-00	Sample Date:	4/15/2023 9:06 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	DKoury	4/15/2023	
Chlorite by Amperometric Tiration	0.75	mg/L	0.1	1	SCLO2E	DKoury	4/15/2023	
On-line Chlorite Analyzer Reading	0.77	mg/L			None	DKoury	4/15/2023	
Delivered Water		230330009-00	Sample Date:	4/16/2023 8:54 AM	Sampler: DKoury			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	DKoury	4/16/2023	
Chlorite by Amperometric Tiration	0.64	mg/L	0.1	1	SCLO2E	DKoury	4/16/2023	
On-line Chlorite Analyzer Reading	0.73	mg/L			None	DKoury	4/16/2023	
Lopez Treatment Plant Raw		230331010-00	Sample Date:	4/17/2023 9:50 AM	Sampler: Egarcia			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Arsenic	4.2	ug/L		10	E200.8	EEA	4/26/2023	
Lopez Treatment Plant Treated		230331010-01	Sample Date:	4/17/2023 9:51 AM	Sampler: Egarcia			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Arsenic	3.4	ug/L		10	E200.8	EEA	4/24/2023	

Analytical Report

Delivered Water 230331011-00 Sample Date: 4/17/2023 10:14 AM Sampler: Brobinson

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	BRobinson	4/17/2023	
Chlorite by Amperometric Tiration	0.75	mg/L	0.1	1	SCLO2E	BRobinson	4/17/2023	
On-line Chlorite Analyzer Reading	0.72	mg/L			None	BRobinson	4/17/2023	

Lopez Treatment Plant Treated 230331012-00 Sample Date: 4/17/2023 11:07 AM Sampler: Brobinson

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	BRobinson	4/17/2023	
Chlorite by Amperometric Tiration	0.78	mg/L	0.1	1	SCLO2E	BRobinson	4/17/2023	
On-line Chlorite Analyzer Reading	0.77	mg/L			None	BRobinson	4/17/2023	

Lopez Treatment Plant Raw 230331013-00 Sample Date: 4/17/2023 10:01 AM Sampler: Egarcia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Iron	< 20	ug/L	20	300	E200.7	DRuedas	4/26/2023	
Manganese	< 10	ug/L	10	50	E200.7	DRuedas	4/26/2023	
Metals Digestion	Yes	Yes/No			E200.7	DRuedas	4/20/2023	

Lopez Treatment Plant Treated 230331013-01 Sample Date: 4/17/2023 9:51 AM Sampler: Egarcia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Iron	< 20	ug/L	20	300	E200.7	DRuedas	4/26/2023	
Manganese	< 10	ug/L	10	50	E200.7	DRuedas	4/26/2023	

Delivered Water 230331014-00 Sample Date: 4/17/2023 10:08 AM Sampler: Egarcia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Color-Apparent	3	PCU	1	15	S2120B	DRuedas	4/17/2023	
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/18/2023	
Heterotrophic Plate Count	4	CFU/mL	1	500	S9215B	VVogel	4/19/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	M	Odor Type			S2150B	EGarcia	4/17/2023	
Temperature	16.0	°C			S2550B	EGarcia	4/17/2023	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	EGarcia	4/17/2023	
Total Chlorine Residual (measured in the field)	2.13	mg/L	0.1	4	SCL-G	EGarcia	4/17/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/18/2023	
Turbidity (measured in field)	0.10	NTU	0.03		S2130B	EGarcia	4/17/2023	

Domestic Tank 230331014-01 Sample Date: 4/17/2023 10:36 AM Sampler: Egarcia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/18/2023	
Heterotrophic Plate Count	3	CFU/mL	1	500	S9215B	VVogel	4/19/2023	
Temperature	15.1	°C			S2550B	EGarcia	4/17/2023	
Total Chlorine Residual (measured in the field)	2.40	mg/L	0.1	4	SCL-G	EGarcia	4/17/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/18/2023	

Lopez Treatment Plant Raw 230331014-02 Sample Date: 4/17/2023 10:01 AM Sampler: Egarcia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
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Analytical Report

Delivered Water		230403005-00	Sample Date: 4/20/2023 8:50 AM		Sampler: Brobinson			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	< 0.02	mg/L	0.1	0.8	SCLO2E	BRobinson	4/20/2023	
Chlorite by Amperometric Tiration	0.73	mg/L	0.1	1	SCLO2E	BRobinson	4/20/2023	
On-line Chlorite Analyzer Reading	0.79	mg/L			None	BRobinson	4/20/2023	
Delivered Water		230404003-00	Sample Date: 4/21/2023 10:04 AM		Sampler: Brobinson			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	BRobinson	4/21/2023	
Chlorite by Amperometric Tiration	0.79	mg/L	0.1	1	SCLO2E	BRobinson	4/21/2023	
On-line Chlorite Analyzer Reading	0.79	mg/L			None	BRobinson	4/21/2023	
Delivered Water		230405003-00	Sample Date: 4/22/2023 9:17 AM		Sampler: Phillips			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	JPhillips	4/22/2023	
Chlorite by Amperometric Tiration	0.84	mg/L	0.1	1	SCLO2E	JPhillips	4/22/2023	
On-line Chlorite Analyzer Reading	0.79	mg/L			None	JPhillips	4/22/2023	
Delivered Water		230406003-00	Sample Date: 4/23/2023 9:20 AM		Sampler: Phillips			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	0.14	mg/L	0.1	0.8	SCLO2E	JPhillips	4/23/2023	
Chlorite by Amperometric Tiration	0.77	mg/L	0.1	1	SCLO2E	JPhillips	4/23/2023	
On-line Chlorite Analyzer Reading	0.79	mg/L			None	JPhillips	4/23/2023	
Lopez Treatment Plant Raw		230407012-00	Sample Date: 4/24/2023 8:50 AM		Sampler: MDAndrews			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Arsenic	4.4	ug/L		10	E200.8	EEA	5/2/2023	
Lopez Treatment Plant Treated		230407012-01	Sample Date: 4/24/2023 8:50 AM		Sampler: MDAndrews			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Arsenic	3.5	ug/L		10	E200.8	EEA	5/2/2023	
Delivered Water		230407013-00	Sample Date: 4/24/2023 9:35 AM		Sampler: Brobinson			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	BRobinson	4/24/2023	
Chlorite by Amperometric Tiration	0.84	mg/L	0.1	1	SCLO2E	BRobinson	4/24/2023	
On-line Chlorite Analyzer Reading	0.79	mg/L			None	BRobinson	4/24/2023	
Lopez Treatment Plant Treated		230407014-00	Sample Date: 4/24/2023 10:08 AM		Sampler: Brobinson			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	BRobinson	4/24/2023	
Chlorite by Amperometric Tiration	0.70	mg/L	0.1	1	SCLO2E	BRobinson	4/24/2023	
On-line Chlorite Analyzer Reading	0.74	mg/L			None	BRobinson	4/24/2023	
Delivered Water		230407015-00	Sample Date: 4/24/2023 8:52 AM		Sampler: MDAndrews			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>

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Lopez Treatment Plant Treated		230407015-04	Sample Date:	4/24/2023 8:59 AM	Sampler: MDAndrews			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/25/2023	
Heterotrophic Plate Count	< 1	CFU/mL	1	500	S9215B	VVogel	4/26/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	1.0	Odor Type			S2150B	EGarcia	4/24/2023	
Temperature	16.9	°C			S2550B	MDAndrews	4/24/2023	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	EGarcia	4/24/2023	
Total Chlorine Residual (measured in the field)	2.76	mg/L	0.1	4	SCL-G	MDAndrews	4/24/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	VVogel	4/25/2023	
Delivered Water		230408013-00	Sample Date:	4/25/2023 10:14 AM	Sampler: Brobinson			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Chlorine Dioxide Residual by Amperometric Titr	< 0.10	mg/L	0.1	0.8	SCLO2E	BRobinson	4/25/2023	
Chlorite by Amperometric Tiration	0.76	mg/L	0.1	1	SCLO2E	BRobinson	4/25/2023	
On-line Chlorite Analyzer Reading	0.83	mg/L			None	BRobinson	4/25/2023	
Lopez State Water (CCWA - TREATED)		230425004-00	Sample Date:	4/25/2023 12:30 PM	Sampler: JCaldera			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Color-Apparent	< 1	PCU	1	15	S2120B	EGarcia	4/26/2023	
E. Coli Bacteria	< 1	MPN/100ml	1		S9223B	VVogel	4/26/2023	
Free Ammonia Screen	0.060	mg/L	0.05		H10200	JCaldera	4/25/2023	
Monochloramine Screen	3.46	mg/L	0.1		SCL-G	JCaldera	4/25/2023	
NO2-N Chemkey	< 0.01	mg/L	0.013	1	H10271	JCaldera	4/25/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	M	Odor Type			S2150B	EGarcia	4/26/2023	
pH (measured in field)	8.51	SU			SH-B	JCaldera	4/25/2023	
Temperature	17.5	°C			S2550B	JCaldera	4/25/2023	
Threshold Odor @ 60°C	1.4	TON	1	3	S2150B	EGarcia	4/26/2023	
Total Ammonia Screen (Field)	0.74	mg/L	0.09		H8155	JCaldera	4/25/2023	
Total Chlorine Residual (measured in the field)	3.42	mg/L	0.1	4	SCL-G	JCaldera	4/25/2023	
Total Chlorine Residual:Total Ammonia Ratio	4.6	Units			Calculation	JCaldera	4/25/2023	
Total Coliform Bacteria	< 1	MPN/100mL	1		S9223B	VVogel	4/26/2023	
Turbidity	0.091	NTU	0.03	0.5	S2130B	EGarcia	4/26/2023	
Lopez Treatment Plant Treated		230414025-01	Sample Date:	5/2/2023 8:56 AM	Sampler: Vvogel			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
CLIP Upload Fee	NA				None	VVogel		
Recycled Water		230414025-03	Sample Date:	5/2/2023 9:02 AM	Sampler: Vvogel			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Aluminum	NA			200	E200.8			
Metals Digestion	NA				E200.7			
Lopez Treatment Plant Raw		230414026-00	Sample Date:	5/2/2023 8:41 AM	Sampler: Vvogel			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Arsenic	NA			10	E200.8			
Lopez Treatment Plant Treated		230414026-01	Sample Date:	5/2/2023 8:42 AM	Sampler: Vvogel			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>

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Arsenic	NA			10	E200.8			
Delivered Water	230414026-02	Sample Date:	5/2/2023 8:43 AM	Sampler: Vvogel				
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Arsenic	NA			10	E200.8			
Lopez Treatment Plant Raw	230414030-00	Sample Date:	5/2/2023 8:45 AM	Sampler: Vvogel				
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Aggressiveness Index (Calculated)	NA				None			
Bicarbonate as CaCO3	NA		1		S2320B			
Boron	NA		25	1000	E200.7			
Calcium	NA		5		E200.7			
Carbonate as CaCO3	NA		1		S2320B			
Chloride	16	mg/L	1	500	E300.0	FZenker	5/2/2023	
CLIP Upload Fee	NA				None	VVogel		
Copper	NA		20	1000	E200.7			
Dissolved Oxygen	5.52	mg/L			S4500OG	VVogel	5/2/2023	
Electrical Conductivity @ 25°C in Lab	630	umhos/cm	10		S2510B 1997	MDAndrews	5/2/2023	
Fluoride, Without Predistillation	0.33	mg/L	0.1	2	E300.0	FZenker	5/2/2023	
Hydroxide as CaCO3	NA		1		S2320B			
Intake # currently in use	2	Units			N/A	VVogel	5/2/2023	
Iron	NA		20	300	E200.7			
Langelier Index (Calculated)	NA				N/A			
Magnesium	NA		1		E200.7			
Manganese	NA		10	50	E200.7			
Methylene Blue Active Substances	NA		0.1	0.5	S5540C			
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/3/2023	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	FZenker	5/2/2023	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	FZenker	5/2/2023	
pH (measured in field)	8.35	SU			SH-B	VVogel	5/2/2023	
pH (measured in the lab)	7.98	SU			SH-B	MDAndrews	5/2/2023	
Potassium	NA		1		E200.7			
Silver	NA		10	100	E200.7			
Sodium	NA		1		E200.7			
Sodium Adsorption Ratio (Calculated)	NA				None			
Sulfate	100	mg/L	0.5	500	E300.0	FZenker	5/2/2023	
Temperature	16.3	°C			S2550B	VVogel	5/2/2023	
Total Alkalinity as CaCO3	NA		1		S2320B			
Total Dissolved Solids	NA		1	1000	S2540C			
Total Hardness as CaCO3 (Calculated)	NA		1		E200.7			
Turbidity (measured in field)	1.6	NTU	0.03		S2130B	VVogel	5/2/2023	
Zinc	NA		25	5000	E200.7			
Lopez Treatment Plant Raw	230414030-01	Sample Date:	5/2/2023 8:45 AM	Sampler: Vvogel				
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>

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Delivered Water		230414030-03		Sample Date: 5/2/2023 8:43 AM		Sampler: Vvogel		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Aggressiveness Index (Calculated)	NA				None			
Aluminum	< 50	ug/L	50	200	E200.7	DRuedas	5/3/2023	
Bicarbonate as CaCO3	NA		1		S2320B			
Boron	41	ug/L	25	1000	E200.7	DRuedas	5/3/2023	
Calcium	76	mg/L	5		E200.7	DRuedas	5/3/2023	
Carbonate as CaCO3	NA		1		S2320B			
Chloride	28	mg/L	1	500	E300.0	FZenker	5/2/2023	
Copper	73	ug/L	20	1000	E200.7	DRuedas	5/3/2023	
Electrical Conductivity @ 25°C in Lab	660	umhos/cm	10		S2510B 1997	MDAndrews	5/2/2023	
Fluoride, Without Predistillation	0.32	mg/L	0.1	2	E300.0	FZenker	5/2/2023	
Hydroxide as CaCO3	NA		1		S2320B			
Iron	< 20	ug/L	20	300	E200.7	DRuedas	5/3/2023	
Langelier Index (Calculated)	NA				N/A			
Magnesium	32	mg/L	1		E200.7	DRuedas	5/3/2023	
Manganese	< 10	ug/L	10	50	E200.7	DRuedas	5/3/2023	
Methylene Blue Active Substances	NA		0.1	0.5	S5540C			
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/3/2023	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	FZenker	5/2/2023	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	FZenker	5/2/2023	
pH (measured in field)	7.88	SU			SH-B	MDAndrews	5/2/2023	
pH (measured in the lab)	7.99	SU			SH-B	MDAndrews	5/2/2023	
Potassium	4.7	mg/L	1		E200.7	DRuedas	5/3/2023	
Silver	< 10	ug/L	10	100	E200.7	DRuedas	5/3/2023	
Sodium	28	mg/L	1		E200.7	DRuedas	5/3/2023	
Sodium Adsorption Ratio (Calculated)	NA				None			
Sulfate	100	mg/L	0.5	500	E300.0	FZenker	5/2/2023	
Temperature	17.3	°C			S2550B	MDAndrews	5/2/2023	
Total Alkalinity as CaCO3	NA		1		S2320B			
Total Dissolved Solids	NA		1	1000	S2540C			
Total Hardness as CaCO3 (Calculated)	320	mg/L	1		E200.7	DRuedas	5/3/2023	
Turbidity (measured in field)	0.11	NTU	0.03		S2130B	MDAndrews	5/2/2023	
Zinc	< 25	ug/L	25	5000	E200.7	DRuedas	5/3/2023	

Delivered Water		230414033-00		Sample Date: 5/2/2023 8:43 AM		Sampler: Vvogel		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
E. coli Presence/Absence	Absent	Present/Absent		0.9	S9223B	Vvogel	5/3/2023	
Heterotrophic Plate Count	< 1	CFU/mL	1	500	S9215B	Vvogel	5/4/2023	
Temperature	17.3	°C			S2550B	MDAndrews	5/2/2023	
Total Chlorine Residual (measured in the field)	2.15	mg/L	0.1	4	SCL-G	MDAndrews	5/2/2023	
Total Coliform Presence/Absence	Absent	Present/Absent		0.9	S9223B	Vvogel	5/3/2023	
Turbidity (measured in field)	0.11	NTU	0.03		S2130B	Vvogel	5/2/2023	

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Lopez Treatment Plant Raw		230414035-01	Sample Date:	5/2/2023 8:50 AM		Sampler: Vvogel		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Color-Apparent	16	PCU	1	15	S2120B	EGarcia	5/2/2023	
Color-True	13	PCU	1	15	S2120B	EGarcia	5/2/2023	
Dissolved Oxygen	5.52	mg/L			S4500OG	Vvogel	5/2/2023	
Intake # currently in use	2	Units			N/A	Vvogel	5/2/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	EGarcia	5/2/2023	
pH (measured in field)	8.35	SU			SH-B	Vvogel	5/2/2023	
Temperature	16.3	°C			S2550B	Vvogel	5/2/2023	
Threshold Odor @ 60°C	2.5	TON	1	3	S2150B	EGarcia	5/2/2023	
Turbidity	1.2	NTU	0.03	0.5	S2130B	EGarcia	5/2/2023	
Turbidity (measured in field)	1.6	NTU	0.03		S2130B	Vvogel	5/2/2023	

Lopez Treatment Plant Treated		230414035-02	Sample Date:	5/2/2023 8:54 AM		Sampler: Vvogel		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
CLIP Upload Fee	17.1000000000	Units			None	Vvogel	5/2/2023	
Color-Apparent	4	PCU	1	15	S2120B	EGarcia	5/2/2023	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	M	Odor Type			S2150B	EGarcia	5/2/2023	
Temperature	17.1	°C			S2550B	Vvogel	5/2/2023	
Threshold Odor @ 60°C	1.2	TON	1	3	S2150B	EGarcia	5/2/2023	
Total Chlorine Residual (measured in the field)	3.02	mg/L	0.1	4	SCL-G	Vvogel	5/2/2023	
Turbidity	0.085	NTU	0.03	0.5	S2130B	EGarcia	5/2/2023	

Delivered Water		230414037-00	Sample Date:	5/2/2023 8:56 AM		Sampler: MDAndrews		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Bromodichloromethane - Certified	NA				E524.2			
Bromoform - Certified	NA				E524.2			
Chloroform - Certified	NA				E524.2			
Dibromoacetic Acid (DBAA)	NA				E552.2			
Dibromochloromethane - Certified	NA				E524.2			
Dichloroacetic Acid (DCAA)	NA				E552.2			
Monobromoacetic Acid (MBAA)	NA				E552.2			
Monochloroacetic Acid (MCAA)	NA				E552.2			
Temperature	17.3	°C			S2550B	MDAndrews	5/2/2023	
Total Chlorine Residual (measured in the field)	2.15	mg/L	0.1	4	SCL-G	MDAndrews	5/2/2023	
Total Haloacetic Acids - 5 Compounds	NA			60	E552.2			
Total Trihalomethanes (TTHMs)	NA		1	80	E524.2			
Trichloroacetic Acid (TCAA)	NA				E552.2			

Lopez Treatment Plant Treated		230414037-01	Sample Date:	5/2/2023 8:54 AM		Sampler: MDAndrews		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>
Temperature	17.1	°C			S2550B	MDAndrews	5/2/2023	
Total Chlorine Residual (measured in the field)	3.02	mg/L	0.1	4	SCL-G	MDAndrews	5/2/2023	

Lopez Treatment Plant Treated		230414037-02	Sample Date:	5/2/2023 9:00 AM		Sampler: MDAndrews		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>MCL</u>	<u>Method</u>	<u>Analyst</u>	<u>Anal. Date</u>	<u>Qualifier</u>

Analytical Report

Lopez Treatment Plant Treated		230414037-02	Sample Date:	5/2/2023 9:00 AM	Sampler: MDAndrews			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Bromodichloromethane - Certified	NA				E524.2			
Bromoform - Certified	NA				E524.2			
Chloroform - Certified	NA				E524.2			
Dibromoacetic Acid (DBAA)	NA				E552.2			
Dibromochloromethane - Certified	NA				E524.2			
Dichloroacetic Acid (DCAA)	NA				E552.2			
Monobromoacetic Acid (MBAA)	NA				E552.2			
Monochloroacetic Acid (MCAA)	NA				E552.2			
Total Haloacetic Acids - 5 Compounds	NA			60	E552.2			
Total Trihalomethanes (TTHMs)	NA		1	80	E524.2			
Trichloroacetic Acid (TCAA)	NA				E552.2			

FOOTNOTES

NA = not analyzed

ND = not detected above reporting limit

RL - Reporting Limit

MCL = Maximum Contaminant Level

Odor Type Legend (Common): A - Aromatic (camphor, cloves, lavender, lemon, cucumber); B - Balsamic (fragrant - gernaum, violets, vanilla); C - Chemical; Cc - free chlorine; Ch - Hydrocarbon, Cm - Medicinal; Cs - Sulfuretted; D - Disagreeable; Df - Fishy; Dp - Pigpen; Ds - Septic; E - Earthy; G - Grassy; M - Musty; Mm - Moldy; V - Vegetable

Data Qualifier	Translation
B	Blank contamination; Analyte detected above the method reporting limit in an associated blank
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J1	Reported value is estimated; Surrogate recoveries limits were exceeded
J2	Reported value is estimated; No known QC criteria for this component
J3	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
J4	Reported value is estimated; The sample matrix interfered with the analysis
K	Off-scale low. Actual value is known to be less than the value given
L	Off-scale high. Actual value is known to be greater than value given
Q	Sample held beyond the accepted holding time
R	Data required additional review before reporting
T	Value reported is less than the laboratory method detection limit
U	Compound was analyzed for but not detected
V	Analyte was detected in both the sample and the associated method blank
Z	Too Numerous to count (TNTC)