



Analytical Report

Nacimiento Reservoir Inlet - Raw **240426019-00** **Sample Date:** 5/14/2024 9:40 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	49	ug/L		200	E200.8	EEA	5/24/2024	
Antimony	ND	ug/L		6	E200.8	EEA	5/23/2024	
Arsenic	ND	ug/L		10	E200.8	EEA	5/24/2024	
Barium	33	ug/L			E200.8	EEA	5/23/2024	
Beryllium	ND	ug/L			E200.8	EEA	5/24/2024	
Boron	ND	mg/L		1000	E200.7	EEA	5/21/2024	
Cadmium	ND	ug/L		5	E200.8	EEA	5/23/2024	
Calcium	28	mg/L			E200.7	EEA	5/21/2024	
Chromium	ND	ug/L			E200.8	EEA	5/29/2024	
Copper	3.40	ug/L			E200.8	EEA	5/24/2024	
Cyanide	ND	ug/L			SCN-F	EEA	5/20/2024	
Iron	120	ug/L			E200.8	EEA	5/21/2024	
Lead	0.6	ug/L		15	E200.8	EEA	5/29/2024	
Magnesium	12	mg/L			E200.7	EEA	5/21/2024	
Manganese	8.20	ug/L			E200.8	EEA	5/24/2024	
Mercury	< 0.20	ug/L		2	E245.1	EEA	5/22/2024	
Nickel	ND	ug/L		100	E200.8	EEA	5/24/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/22/2024	
Potassium	1.1	mg/L			E200.7	EEA	5/21/2024	
Selenium	ND	ug/L		50	E200.8	EEA	5/24/2024	
Silver - subcontracted	ND	ug/L		100	E200.8	EEA	5/23/2024	
Sodium	8.60	mg/L			E200.7	EEA	5/21/2024	
Thallium	ND	ug/L		2	E200.8	EEA	5/29/2024	
Total Hardness as CaCO3 (Calculated)	120	mg/L			S2340B	EEA	5/23/2024	
Total Organic Carbon	3.2	mg/L			S5310C	CLSB	5/17/2024	
Zinc	ND	ug/L		5000	E200.8	EEA	5/24/2024	

Nacimiento Reservoir Inlet - Raw **240426019-01** **Sample Date:** 5/14/2024 9:40 AM **Sampler:** Vvogel

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
CLIP Upload Fee	Yes	Units			None	VVogel	5/14/2024	

Nacimiento Reservoir Inlet - Raw **240426020-00** **Sample Date:** 5/14/2024 9:45 AM **Sampler:** Vvogel

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

Nacimiento Reservoir Inlet - Raw		240426020-00		Sample Date: 5/14/2024 9:45 AM		Sampler: Vvogel		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	11.5	AGGR			None	FZenker	5/28/2024	
Bicarbonate as CaCO3	93	mg/L	1		S2320B	MDAndrews	5/16/2024	
Carbonate as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	JAlmas	5/17/2024	
Color-Apparent	10	PCU	1	15	S2120B	MDAndrews	5/16/2024	
Color-True	8	PCU	1	15	S2120B	MDAndrews	5/16/2024	
Electrical Conductivity @ 25°C in Lab	260	umhos/cm	10		S2510B 1997	VVogel	5/14/2024	
Fluoride, Without Predistillation	0.10	mg/L	0.1	2	E300.0	JAlmas	5/14/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.2	mg/L	0.2	10	Calculation	JAlmas	5/14/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	JAlmas	5/14/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	JAlmas	5/14/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	G	Odor Type			S2150B	MDAndrews	5/14/2024	
pH (measured in the lab)	7.30	SU			SH-B	VVogel	5/14/2024	
Sulfate	30	mg/L	0.5	500	E300.0	JAlmas	5/17/2024	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	MDAndrews	5/14/2024	
Total Alkalinity as CaCO3	93	mg/L	10		S2320B	MDAndrews	5/16/2024	
Total Dissolved Solids	170	mg/L	21	1000	S2540C	VVogel	5/21/2024	
Turbidity	2.2	NTU	0.03	0.5	S2130B	MDAndrews	5/14/2024	

Nacimiento Reservoir Inlet - Raw		240426020-01		Sample Date: 5/14/2024 9:45 AM		Sampler: Vvogel		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Blue-green Algae	0	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	24	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	70	Feet			N/A	VVogel	5/14/2024	
Diatoms	9	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	4.79	mg/L			S4500OG	VVogel	5/14/2024	
E. Coli Bacteria	< 1	MPN/100ml	1		S9223B	VVogel	5/15/2024	
Elevation of intake	720	Feet			None	VVogel	5/14/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	15	Cells/mL			S10300C	JAlmas	5/22/2024	
Intake # currently in use	4	Units			N/A	VVogel	5/14/2024	
Intake depth in use	70	feet			None	VVogel	5/14/2024	
pH (measured in field)	7.64	SU			SH-B	VVogel	5/14/2024	
Temperature	18.5	°C			S2550B	VVogel	5/14/2024	
Total Coliform Bacteria	120	MPN/100mL	1		S9223B	VVogel	5/15/2024	
Turbidity (measured in field)	2.2	NTU	0.03		S2130B	VVogel	5/14/2024	



Analytical Report

Watershed - Snake Creek **240426021-00** **Sample Date:** 5/15/2024 12:07 PM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	12.3	AGGR			None	FZenker	5/28/2024	
Aluminum	63	ug/L		200	E200.8	GOLD	5/20/2024	
Antimony	< 1.0	ug/L		6	E200.8	GOLD	5/20/2024	
Arsenic	< 1.0	ug/L		10	E200.8	GOLD	5/20/2024	
Barium	32	ug/L			E200.8	GOLD	5/20/2024	
Beryllium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Bicarbonate as CaCO3	83	mg/L	1		S2320B	MDAndrews	5/16/2024	
Boron	< 0.050	mg/L		1000	E200.7	GOLD	5/20/2024	
Cadmium	< 0.50	ug/L		5	E200.8	GOLD	5/20/2024	
Calcium	25	mg/L			E200.7	GOLD	5/20/2024	
Carbonate as CaCO3	4	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	Fzenker	5/15/2024	
Chromium	1.1	ug/L			E200.8	GOLD	5/20/2024	
Copper	< 2.0	ug/L			E200.8	GOLD	5/20/2024	
Cyanide	< 0.025	ug/L			SCN-F	GOLD	5/20/2024	
Depth	2.0	Feet			N/A	SDeLaFuente	5/15/2024	
Dissolved Oxygen	8.01	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Electrical Conductivity @ 25°C in Lab	250	umhos/cm	10		S2510B 1997	VVogel	5/16/2024	
Fluoride, Without Predistillation	0.11	mg/L	0.1	2	E300.0	Fzenker	5/15/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Iron	62.0	ug/L			E200.8	GOLD	5/20/2024	
Langelier Index (Calculated)	0.54	LANG			N/A	FZenker	5/28/2024	
Lead	< 0.50	ug/L		15	E200.8	GOLD	5/20/2024	
Magnesium	11	mg/L			E200.7	GOLD	5/20/2024	
Manganese	4.10	ug/L			E200.8	GOLD	5/20/2024	
Mercury	< 0.20	ug/L		2	E245.1	GOLD	5/20/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nickel	< 5.0	ug/L		100	E200.8	GOLD	5/20/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/15/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	Fzenker	5/15/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	Fzenker	5/15/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/23/2024	
pH (measured in field)	8.61	SU			SH-B	SDeLaFuente	5/15/2024	
pH (measured in the lab)	8.79	SU			SH-B	DRuedas	5/15/2024	
Potassium	1.1	mg/L			E200.7	GOLD	5/21/2024	
Selenium	< 5.0	ug/L		50	E200.8	GOLD	5/20/2024	
Silver - subcontracted	< 0.5	ug/L		100	E200.8	GOLD	5/20/2024	
Sodium	8.00	mg/L			E200.7	GOLD	5/20/2024	
Sulfate	29	mg/L	0.5	500	E300.0	Fzenker	5/15/2024	
Temperature	23.6	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Watershed - Dip Creek **240426021-01** **Sample Date:** 5/15/2024 12:30 PM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	12.4	AGGR			None	FZenker	5/28/2024	
Aluminum	66	ug/L		200	E200.8	GOLD	5/20/2024	
Antimony	< 1.0	ug/L		6	E200.8	GOLD	5/20/2024	
Arsenic	< 1.0	ug/L		10	E200.8	GOLD	5/20/2024	
Barium	31	ug/L			E200.8	GOLD	5/20/2024	
Beryllium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Bicarbonate as CaCO3	75	mg/L	1		S2320B	MDAndrews	5/16/2024	
Boron	< 0.050	mg/L		1000	E200.7	GOLD	5/20/2024	
Cadmium	< 0.50	ug/L		5	E200.8	GOLD	5/20/2024	
Calcium	26	mg/L			E200.7	GOLD	5/20/2024	
Carbonate as CaCO3	9	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	Fzenker	5/15/2024	
Chromium	1.1	ug/L			E200.8	GOLD	5/20/2024	
Copper	< 2.0	ug/L			E200.8	GOLD	5/20/2024	
Cyanide	< 0.025	ug/L			SCN-F	GOLD	5/20/2024	
Depth	2.0	Feet			N/A	SDeLaFuente	5/15/2024	
Dissolved Oxygen	9.12	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Electrical Conductivity @ 25°C in Lab	250	umhos/cm	10		S2510B 1997	VVogel	5/16/2024	
Fluoride, Without Predistillation	0.10	mg/L	0.1	2	E300.0	Fzenker	5/15/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Iron	78.0	ug/L			E200.8	GOLD	5/20/2024	
Langelier Index (Calculated)	0.56	LANG			N/A	FZenker	5/28/2024	
Lead	< 0.50	ug/L		15	E200.8	GOLD	5/20/2024	
Magnesium	12	mg/L			E200.7	GOLD	5/20/2024	
Manganese	3.70	ug/L			E200.8	GOLD	5/20/2024	
Mercury	< 0.20	ug/L		2	E245.1	GOLD	5/20/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nickel	< 5.0	ug/L		100	E200.8	GOLD	5/20/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/15/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	Fzenker	5/15/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	Fzenker	5/15/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/24/2024	
pH (measured in field)	8.63	SU			SH-B	SDeLaFuente	5/15/2024	
pH (measured in the lab)	8.84	SU			SH-B	DRuedas	5/15/2024	
Potassium	1.0	mg/L			E200.7	GOLD	5/21/2024	
Selenium	< 5.0	ug/L		50	E200.8	GOLD	5/20/2024	
Silver - subcontracted	< 0.50	ug/L		100	E200.8	GOLD	5/20/2024	
Sodium	8.30	mg/L			E200.7	GOLD	5/20/2024	
Sulfate	29	mg/L	0.5	500	E300.0	Fzenker	5/15/2024	
Temperature	23.2	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Watershed - Las Tablas Creek 240426021-02 Sample Date: 5/15/2024 1:01 PM Sampler: BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	12.6	AGGR			None	FZenker	5/28/2024	
Aluminum	44	ug/L		200	E200.8	GOLD	5/20/2024	
Antimony	< 1.0	ug/L		6	E200.8	GOLD	5/20/2024	
Arsenic	< 1.0	ug/L		10	E200.8	GOLD	5/20/2024	
Barium	34	ug/L			E200.8	GOLD	5/20/2024	
Beryllium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Bicarbonate as CaCO3	81	mg/L	1		S2320B	MDAndrews	5/16/2024	
Boron	< 0.050	mg/L		1000	E200.7	GOLD	5/20/2024	
Cadmium	< 0.50	ug/L		5	E200.8	GOLD	5/20/2024	
Calcium	29	mg/L			E200.7	GOLD	5/20/2024	
Carbonate as CaCO3	10	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	Fzenker	5/15/2024	
Chromium	1.2	ug/L			E200.8	GOLD	5/20/2024	
Copper	< 2.0	ug/L			E200.8	GOLD	5/20/2024	
Cyanide	< 0.025	ug/L			SCN-F	GOLD	5/20/2024	
Depth	2.0	Feet			N/A	SDeLaFuente	5/15/2024	
Dissolved Oxygen	9.22	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Electrical Conductivity @ 25°C in Lab	280	umhos/cm	10		S2510B 1997	VVogel	5/16/2024	
Fluoride, Without Predistillation	0.11	mg/L	0.1	2	E300.0	Fzenker	5/15/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Iron	61.0	ug/L			E200.8	GOLD	5/20/2024	
Langelier Index (Calculated)	0.81	LANG			N/A	FZenker	5/28/2024	
Lead	< 0.50	ug/L		15	E200.8	GOLD	5/20/2024	
Magnesium	13	mg/L			E200.7	GOLD	5/20/2024	
Manganese	8.70	ug/L			E200.8	GOLD	5/20/2024	
Mercury	< 0.20	ug/L		2	E245.1	GOLD	5/20/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nickel	< 5.0	ug/L		100	E200.8	GOLD	5/20/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/15/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	Fzenker	5/15/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	Fzenker	5/15/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/24/2024	
pH (measured in field)	8.80	SU			SH-B	SDeLaFuente	5/15/2024	
pH (measured in the lab)	8.81	SU			SH-B	DRuedas	5/15/2024	
Potassium	1.1	mg/L			E200.7	GOLD	5/21/2024	
Selenium	< 5.0	ug/L		50	E200.8	GOLD	5/20/2024	
Silver - subcontracted	< 0.5	ug/L		100	E200.8	GOLD	5/20/2024	
Sodium	8.60	mg/L			E200.7	GOLD	5/20/2024	
Sulfate	37	mg/L	0.5	500	E300.0	Fzenker	5/15/2024	
Temperature	23.9	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Watershed - Las Tablas Creek **240426021-02** **Sample Date:** 5/15/2024 1:01 PM **Sampler:** BValencia

<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>
Thallium	< 1.0	ug/L		2	E200.8	GOLD	5/20/2024	
Total Alkalinity as CaCO3	91	mg/L	10		S2320B	MDAndrews	5/16/2024	
Total Dissolved Solids	180	mg/L	21	1000	S2540C	VVogel	5/21/2024	
Total Hardness as CaCO3 (Calculated)	130	mg/L			S2340B	GOLD	5/21/2024	
Turbidity (measured in field)	2.5	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	
Zinc	< 20	ug/L		5000	E200.8	GOLD	5/20/2024	

Watershed - Town Creek **240426021-03** **Sample Date:** 5/15/2024 1:20 PM **Sampler:** BValencia

<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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**Department of Public Works
Water Quality Laboratory**

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Watershed - Town Creek **240426021-03** **Sample Date:** 5/15/2024 1:20 PM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	12.5	AGGR			None	FZenker	5/28/2024	
Aluminum	43	ug/L		200	E200.8	GOLD	5/20/2024	
Antimony	< 1.0	ug/L		6	E200.8	GOLD	5/20/2024	
Arsenic	< 1.0	ug/L		10	E200.8	GOLD	5/20/2024	
Barium	33	ug/L			E200.8	GOLD	5/20/2024	
Beryllium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Bicarbonate as CaCO3	76	mg/L	1		S2320B	MDAndrews	5/16/2024	
Boron	< 0.050	mg/L		1000	E200.7	GOLD	5/20/2024	
Cadmium	< 0.50	ug/L		5	E200.8	GOLD	5/20/2024	
Calcium	27	mg/L			E200.7	GOLD	5/20/2024	
Carbonate as CaCO3	11	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	Fzenker	5/15/2024	
Chromium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Copper	< 2.0	ug/L			E200.8	GOLD	5/20/2024	
Cyanide	< 0.025	ug/L			SCN-F	GOLD	5/20/2024	
Depth	2.0	Feet			N/A	SDeLaFuente	5/15/2024	
Dissolved Oxygen	8.40	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Electrical Conductivity @ 25°C in Lab	260	umhos/cm	10		S2510B 1997	VVogel	5/16/2024	
Fluoride, Without Predistillation	0.12	mg/L	0.1	2	E300.0	Fzenker	5/15/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Iron	58.0	ug/L			E200.8	GOLD	5/20/2024	
Langelier Index (Calculated)	0.72	LANG			N/A	FZenker	5/28/2024	
Lead	< 0.50	ug/L		15	E200.8	GOLD	5/20/2024	
Magnesium	12	mg/L			E200.7	GOLD	5/20/2024	
Manganese	7.50	ug/L			E200.8	GOLD	5/20/2024	
Mercury	< 0.20	ug/L		2	E245.1	GOLD	5/20/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nickel	< 5.0	ug/L		100	E200.8	GOLD	5/20/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/15/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	Fzenker	5/15/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	Fzenker	5/15/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/24/2024	
pH (measured in field)	8.74	SU			SH-B	SDeLaFuente	5/15/2024	
pH (measured in the lab)	8.69	SU			SH-B	DRuedas	5/15/2024	
Potassium	1.1	mg/L			E200.7	GOLD	5/21/2024	
Selenium	< 5.0	ug/L		50	E200.8	GOLD	5/20/2024	
Silver - subcontracted	< 0.50	ug/L		100	E200.8	GOLD	5/20/2024	
Sodium	8.20	mg/L			E200.7	GOLD	5/20/2024	
Sulfate	32	mg/L	0.5	500	E300.0	Fzenker	5/15/2024	
Temperature	24.0	°C			S2550B	SDeLaFuente	5/15/2024	



**Department of Public Works
Water Quality Laboratory**

CustomerName:
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Analytical Report

Watershed - Kavanaugh Creek **240426021-04** **Sample Date:** 5/15/2024 1:52 PM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	12.5	AGGR			None	FZenker	5/28/2024	
Aluminum	58	ug/L		200	E200.8	GOLD	5/20/2024	
Antimony	< 1.0	ug/L		6	E200.8	GOLD	5/20/2024	
Arsenic	< 1.0	ug/L		10	E200.8	GOLD	5/20/2024	
Barium	31	ug/L			E200.8	GOLD	5/20/2024	
Beryllium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Bicarbonate as CaCO3	70	mg/L	1		S2320B	MDAndrews	5/16/2024	
Boron	< 0.050	mg/L		1000	E200.7	GOLD	5/20/2024	
Cadmium	< 0.50	ug/L		5	E200.8	GOLD	5/20/2024	
Calcium	26	mg/L			E200.7	GOLD	5/20/2024	
Carbonate as CaCO3	16	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	Fzenker	5/15/2024	
Chromium	1.1	ug/L			E200.8	GOLD	5/20/2024	
Copper	< 2.0	ug/L			E200.8	GOLD	5/20/2024	
Cyanide	< 0.025	ug/L			SCN-F	GOLD	5/20/2024	
Depth	2.0	Feet			N/A	SDeLaFuente	5/15/2024	
Dissolved Oxygen	9.48	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Electrical Conductivity @ 25°C in Lab	260	umhos/cm	10		S2510B 1997	VVogel	5/16/2024	
Fluoride, Without Predistillation	0.10	mg/L	0.1	2	E300.0	Fzenker	5/15/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Iron	78.0	ug/L			E200.8	GOLD	5/20/2024	
Langelier Index (Calculated)	0.65	LANG			N/A	FZenker	5/28/2024	
Lead	< 0.50	ug/L		15	E200.8	GOLD	5/20/2024	
Magnesium	12	mg/L			E200.7	GOLD	5/20/2024	
Manganese	8.90	ug/L			E200.8	GOLD	5/20/2024	
Mercury	< 0.20	ug/L		2	E245.1	GOLD	5/20/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nickel	< 5.0	ug/L		100	E200.8	GOLD	5/20/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/15/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	Fzenker	5/15/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	Fzenker	5/15/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/24/2024	
pH (measured in field)	8.73	SU			SH-B	SDeLaFuente	5/15/2024	
pH (measured in the lab)	8.77	SU			SH-B	DRuedas	5/15/2024	
Potassium	< 1.0	mg/L			E200.7	GOLD	5/21/2024	
Selenium	< 5.0	ug/L		50	E200.8	GOLD	5/20/2024	
Silver - subcontracted	< 0.50	ug/L		100	E200.8	GOLD	5/20/2024	
Sodium	8.50	mg/L			E200.7	GOLD	5/20/2024	
Sulfate	30	mg/L	0.5	500	E300.0	Fzenker	5/15/2024	
Temperature	22.9	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Watershed - Kavanaugh Creek **240426021-04** **Sample Date:** 5/15/2024 1:52 PM **Sampler:** BValencia

<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>
Thallium	< 1.0	ug/L		2	E200.8	GOLD	5/20/2024	
Total Alkalinity as CaCO3	86	mg/L	10		S2320B	MDAndrews	5/16/2024	
Total Dissolved Solids	160	mg/L	21	1000	S2540C	VVogel	5/21/2024	
Total Hardness as CaCO3 (Calculated)	110	mg/L			S2340B	GOLD	5/21/2024	
Turbidity (measured in field)	3.5	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	
Zinc	< 20	ug/L		5000	E200.8	GOLD	5/20/2024	

Watershed - The Narrows **240426021-05** **Sample Date:** 5/15/2024 2:12 PM **Sampler:** BValencia

<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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**Department of Public Works
Water Quality Laboratory**

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Watershed - The Narrows		240426021-05		Sample Date: 5/15/2024 2:12 PM		Sampler: BValencia		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aggressiveness Index (Calculated)	12.5	AGGR			None	FZenker	5/28/2024	
Aluminum	37	ug/L		200	E200.8	GOLD	5/20/2024	
Antimony	< 1.0	ug/L		6	E200.8	GOLD	5/20/2024	
Arsenic	< 1.0	ug/L		10	E200.8	GOLD	5/20/2024	
Barium	31	ug/L			E200.8	GOLD	5/20/2024	
Beryllium	< 1.0	ug/L			E200.8	GOLD	5/20/2024	
Bicarbonate as CaCO3	82	mg/L	1		S2320B	MDAndrews	5/16/2024	
Boron	< 0.050	mg/L		1000	E200.7	GOLD	5/20/2024	
Cadmium	< 0.50	ug/L		5	E200.8	GOLD	5/20/2024	
Calcium	26	mg/L			E200.7	GOLD	5/20/2024	
Carbonate as CaCO3	13	mg/L	1		S2320B	MDAndrews	5/16/2024	
Chloride	< 5	mg/L	5	500	E300.0	Fzenker	5/15/2024	
Chromium	1.1	ug/L			E200.8	GOLD	5/20/2024	
Copper	< 2.0	ug/L			E200.8	GOLD	5/20/2024	
Cyanide	< 0.025	ug/L			SCN-F	GOLD	5/20/2024	
Depth	2.0	Feet			N/A	SDeLaFuente	5/15/2024	
Dissolved Oxygen	9.12	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Electrical Conductivity @ 25°C in Lab	270	umhos/cm	10		S2510B 1997	VVogel	5/16/2024	
Fluoride, Without Predistillation	0.10	mg/L	0.1	2	E300.0	Fzenker	5/15/2024	
Hydroxide as CaCO3	< 1	mg/L	1		S2320B	MDAndrews	5/16/2024	
Iron	35.0	ug/L			E200.8	GOLD	5/20/2024	
Langelier Index (Calculated)	0.65	LANG			N/A	FZenker	5/28/2024	
Lead	< 0.50	ug/L		15	E200.8	GOLD	5/20/2024	
Magnesium	13	mg/L			E200.7	GOLD	5/20/2024	
Manganese	4.70	ug/L			E200.8	GOLD	5/20/2024	
Mercury	< 0.20	ug/L		2	E245.1	GOLD	5/20/2024	
Methylene Blue Active Substances	< 0.10	mg/L	0.1	0.5	S5540C	VVogel	5/16/2024	
Nickel	< 5.0	ug/L		100	E200.8	GOLD	5/20/2024	
Nitrate and Nitrite Combined as Nitrogen	< 0.4	mg/L	0.2	10	Calculation	FZenker	5/15/2024	
Nitrate as Nitrogen	< 0.40	mg/L	0.4	10	E300.0	Fzenker	5/15/2024	
Nitrite as Nitrogen	< 0.40	mg/L	0.4	1	E300.0	Fzenker	5/15/2024	
Perchlorate	< 1.0	ug/L	2	6	E314	CLSB	5/24/2024	R
pH (measured in field)	8.69	SU			SH-B	SDeLaFuente	5/15/2024	
pH (measured in the lab)	8.73	SU			SH-B	DRuedas	5/15/2024	
Potassium	< 1.0	mg/L			E200.7	GOLD	5/21/2024	
Selenium	< 5.0	ug/L		50	E200.8	GOLD	5/20/2024	
Silver - subcontracted	< 0.50	ug/L		100	E200.8	GOLD	5/20/2024	
Sodium	8.60	mg/L			E200.7	GOLD	5/20/2024	
Sulfate	31	mg/L	0.5	500	E300.0	Fzenker	5/15/2024	
Temperature	22.8	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Intake 2 (680') **240426023-01** **Sample Date:** 5/15/2024 11:28 AM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	93	ug/L		200	E200.8	GOLD	5/21/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	26	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	110	Feet			N/A	SDeLaFuente	5/15/2024	
Diatoms	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	5.39	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	26	Cells/mL			S10300C	JAlmas	5/22/2024	
Iron	100	ug/L			E200.8	GOLD	5/21/2024	
Manganese	7.60	ug/L			E200.8	GOLD	5/21/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	G	Odor Type			S2150B	MDAndrews	5/16/2024	
pH (measured in field)	8.63	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	13.7	°C			S2550B	SDeLaFuente	5/15/2024	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	MDAndrews	5/16/2024	
Turbidity (measured in field)	3.2	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	

Intake 3 (700') **240426023-02** **Sample Date:** 5/15/2024 11:24 AM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	100	ug/L		200	E200.8	GOLD	5/21/2024	
Blue-green Algae	490	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	550	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	90	Feet			N/A	SDeLaFuente	5/15/2024	
Diatoms	36	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	4.76	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	23	Cells/mL			S10300C	JAlmas	5/22/2024	
Iron	130	ug/L			E200.8	GOLD	5/21/2024	
Manganese	8.40	ug/L			E200.8	GOLD	5/21/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	G	Odor Type			S2150B	MDAndrews	5/16/2024	
pH (measured in field)	7.39	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	11.9	°C			S2550B	SDeLaFuente	5/15/2024	
Threshold Odor @ 60°C	1.4	TON	1	3	S2150B	MDAndrews	5/16/2024	
Turbidity (measured in field)	3.3	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	

Intake 4 (720') **240426023-03** **Sample Date:** 5/15/2024 11:20 AM **Sampler:** BValencia

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

Intake 4 (720') **240426023-03** **Sample Date:** 5/15/2024 11:20 AM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	57	ug/L		200	E200.8	GOLD	5/22/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	92	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	18	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	70	Feet			N/A	SDeLaFuente	5/15/2024	
Diatoms	9	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	3	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	4.91	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	30	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	32	Cells/mL			S10300C	JAlmas	5/22/2024	
Iron	79.0	ug/L			E200.8	GOLD	5/21/2024	
Manganese	5.30	ug/L			E200.8	GOLD	5/22/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	MDAndrews	5/16/2024	
pH (measured in field)	7.41	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.0	°C			S2550B	SDeLaFuente	5/15/2024	
Threshold Odor @ 60°C	1.4	TON	1	3	S2150B	MDAndrews	5/16/2024	
Turbidity (measured in field)	2.0	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	

Intake 5 (740') **240426023-04** **Sample Date:** 5/15/2024 11:16 AM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	47	ug/L		200	E200.8	GOLD	5/22/2024	
Blue-green Algae	54	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	260	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	35	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	50	Feet			N/A	SDeLaFuente	5/15/2024	
Diatoms	60	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	5.83	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	110	Cells/mL			S10300C	JAlmas	5/22/2024	
Iron	64.0	ug/L			E200.8	GOLD	5/21/2024	
Manganese	3.30	ug/L			E200.8	GOLD	5/22/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	5/16/2024	
pH (measured in field)	7.46	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.4	°C			S2550B	SDeLaFuente	5/15/2024	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	MDAndrews	5/16/2024	
Turbidity (measured in field)	1.6	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	

Intake 6 (760') **240426023-05** **Sample Date:** 5/15/2024 11:12 AM **Sampler:** BValencia

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

Intake 6 (760') **240426023-05** **Sample Date:** 5/15/2024 11:12 AM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	26	ug/L		200	E200.8	GOLD	5/22/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	230	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	20	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	30	Feet			N/A	SDeLaFuente	5/15/2024	
Diatoms	60	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	7.06	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	150	Cells/mL			S10300C	JAlmas	5/22/2024	
Iron	41.0	ug/L			E200.8	GOLD	5/21/2024	
Manganese	2.20	ug/L			E200.8	GOLD	5/22/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	5/16/2024	
pH (measured in field)	7.75	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	14.7	°C			S2550B	SDeLaFuente	5/15/2024	
Threshold Odor @ 60°C	2.0	TON	1	3	S2150B	MDAndrews	5/16/2024	
Turbidity (measured in field)	1.3	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	

Intake 7 (780') **240426023-06** **Sample Date:** 5/15/2024 11:07 AM **Sampler:** BValencia

Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	27	ug/L		200	E200.8	GOLD	5/22/2024	
Blue-green Algae	45	Cells/mL		2000	S10300C	JAlmas	5/22/2024	
Calculated Total Algae Count	3400	Cells/mL	1		S10300C	JAlmas	5/22/2024	
Cryptomonads	29	Cells/mL			S10300C	JAlmas	5/22/2024	
Depth	10	Feet			N/A	SDeLaFuente	5/15/2024	
Diatoms	54	Cells/mL			S10300C	JAlmas	5/22/2024	
Dinoflagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Dissolved Oxygen	9.13	mg/L			S4500OG	SDeLaFuente	5/15/2024	
Flagellates	0	Cells/mL			S10300C	JAlmas	5/22/2024	
Golden Algae	3100	Cells/mL			S10300C	JAlmas	5/22/2024	
Green Algae	170	Cells/mL			S10300C	JAlmas	5/22/2024	
Iron	39.0	ug/L			E200.8	GOLD	5/21/2024	
Manganese	2.00	ug/L			E200.8	GOLD	5/22/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	5/16/2024	
pH (measured in field)	8.65	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	21.2	°C			S2550B	SDeLaFuente	5/15/2024	
Threshold Odor @ 60°C	4.0	TON	1	3	S2150B	MDAndrews	5/16/2024	
Turbidity (measured in field)	1.9	NTU	0.03		S2130B	SDeLaFuente	5/15/2024	

Log Boom 02 Feet **240426024-00** **Sample Date:** 5/15/2024 11:02 AM **Sampler:** SDeLaFuente

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

Log Boom 02 Feet		240426024-00	Sample Date:	5/15/2024 11:02 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	8.80	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	8.68	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	22.5	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 05 Feet		240426024-01	Sample Date:	5/15/2024 11:05 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	8.85	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	8.69	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	22.0	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 10 Feet		240426024-02	Sample Date:	5/15/2024 11:07 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	9.13	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	8.65	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	21.2	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 15 Feet		240426024-03	Sample Date:	5/15/2024 11:08 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	9.05	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	8.40	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	19.2	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 20 Feet		240426024-04	Sample Date:	5/15/2024 11:10 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	8.27	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	8.20	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	17.7	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 25 Feet		240426024-05	Sample Date:	5/15/2024 11:11 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	7.77	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.88	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	15.7	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 30 Feet		240426024-06	Sample Date:	5/15/2024 11:12 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	7.06	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.75	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	14.7	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 35 Feet		240426024-07	Sample Date:	5/15/2024 11:13 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	6.30	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.55	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	13.6	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Log Boom 40 Feet		240426024-08	Sample Date:	5/15/2024 11:14 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	6.05	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.52	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	13.2	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 45 Feet		240426024-09	Sample Date:	5/15/2024 11:15 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	5.91	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.51	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.8	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 50 Feet		240426024-10	Sample Date:	5/15/2024 11:16 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	5.83	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.46	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.4	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 55 Feet		240426024-11	Sample Date:	5/15/2024 11:17 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	5.48	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.45	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.3	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 60 Feet		240426024-12	Sample Date:	5/15/2024 11:18 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	5.19	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.41	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.2	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 65 Feet		240426024-13	Sample Date:	5/15/2024 11:19 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	5.10	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.39	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.1	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 70 Feet		240426024-14	Sample Date:	5/15/2024 11:20 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	4.91	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.41	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.0	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 75 Feet		240426024-15	Sample Date:	5/15/2024 11:21 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	4.88	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.35	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.0	°C			S2550B	SDeLaFuente	5/15/2024	



Analytical Report

Log Boom 80 Feet		240426024-16	Sample Date:	5/15/2024 11:22 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	4.85	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.41	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	12.0	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 85 Feet		240426024-17	Sample Date:	5/15/2024 11:23 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	4.70	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.39	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	11.9	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 90 Feet		240426024-18	Sample Date:	5/15/2024 11:24 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	4.76	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.39	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	11.9	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 95 Feet		240426024-19	Sample Date:	5/15/2024 11:25 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	7.74	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.25	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	11.8	°C			S2550B	SDeLaFuente	5/15/2024	
Log Boom 100 Feet		240426024-20	Sample Date:	5/15/2024 11:26 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	4.66	mg/L			S4500OG	SDeLaFuente	5/15/2024	
pH (measured in field)	7.31	SU			SH-B	SDeLaFuente	5/15/2024	
Temperature	11.8	°C			S2550B	SDeLaFuente	5/15/2024	
HROA Marina		240426025-00	Sample Date:	5/15/2024 11:59 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Depth	10	Feet			N/A	SDeLaFuente	5/15/2024	
Invasive Mussel Inspection	Absent	Present/Absent			Field Observations	SDeLaFuente	5/15/2024	
Log Boom - SLO #1		240426025-01	Sample Date:	5/15/2024 10:58 AM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Depth	18	Feet			N/A	SDeLaFuente	5/15/2024	
Invasive Mussel Inspection	Absent	Present/Absent			Field Observations	SDeLaFuente	5/15/2024	
OSCA Marina		240426025-02	Sample Date:	5/15/2024 1:40 PM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Depth	18	Feet			N/A	SDeLaFuente	5/15/2024	
Invasive Mussel Inspection	Absent	Present/Absent			Field Observations	SDeLaFuente	5/15/2024	
Floating Toilet at Dip Creek		240426026-00	Sample Date:	5/15/2024 12:27 PM	Sampler: SDeLaFuente			
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Field Inspection	Complete	N/A			None	SDeLaFuente	5/15/2024	



Analytical Report

Floating Toilet at Oak Shores **240426026-01** **Sample Date:** 5/15/2024 1:30 PM **Sampler:** SDeLaFuente

<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>
Field Inspection	Missing	N/A			None	SDeLaFuente	5/15/2024	

Floating Toilet near LNR docks **240426026-02** **Sample Date:** 5/15/2024 11:37 AM **Sampler:** SDeLaFuente

<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>
Field Inspection	Complete	N/A			None	SDeLaFuente	5/15/2024	

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 - geranium, 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)