



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Nacimiento Reservoir Inlet - Raw		240223019-00	Sample Date:		3/6/2024 9:30 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	72	ug/L		200	E200.8	GOLD	3/12/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	18	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	9	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	75	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	6.18	mg/L			S4500OG	MDAndrews	3/6/2024	
E. Coli Bacteria	1.00	MPN/100ml	1		S9223B	EGarcia	3/7/2024	
Elevation of intake	720	Feet			None	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	9	Cells/mL			S10300C	MDAndrews	3/12/2024	
Intake # currently in use	4	Units			N/A	MDAndrews	3/6/2024	
Iron	140	ug/L			E200.8	GOLD	3/12/2024	
Manganese	9.20	ug/L			E200.8	GOLD	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	2.0	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	8.40	SU			SH-B	MDAndrews	3/6/2024	
Temperature	14.2	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	G	TON	1	3	S2150B	MDAndrews	3/6/2024	
Total Coliform Bacteria	520	MPN/100mL	1		S9223B	EGarcia	3/7/2024	
Total Organic Carbon	3.3	mg/L			S5310C	CLSB	3/9/2024	
Turbidity (measured in field)	2.8	NTU	0.03		S2130B	MDAndrews	3/6/2024	
Intake 1 (660')		240223020-00	Sample Date:		3/6/2024 11:21 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Intake 1 (660')		240223020-00	Sample Date:		3/6/2024 11:21 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Aluminum	320	ug/L		200	E200.8	EEA	3/12/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	15	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	140	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	9	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	5.13	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	6	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	400	ug/L			E200.8	EEA	3/12/2024	
Manganese	25.0	ug/L			E200.8	EEA	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	8.22	SU			SH-B	MDAndrews	3/6/2024	
Temperature	12.4	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	1.4	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	8.6	NTU	0.03		S2130B	MDAndrews	3/6/2024	

Intake 2 (680')		240223020-01	Sample Date:		3/6/2024 11:20 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Aluminum	150	ug/L		200	E200.8	EEA	3/12/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	9	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	120	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	6	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	4.28	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	180	ug/L			E200.8	EEA	3/12/2024	
Manganese	14.0	ug/L			E200.8	EEA	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	G	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	8.46	SU			SH-B	MDAndrews	3/6/2024	
Temperature	12.6	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	2.0	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	4.4	NTU	0.03		S2130B	MDAndrews	3/6/2024	

Intake 3 (700')		240223020-02	Sample Date:		3/6/2024 11:09 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Report Date 22-Apr-24

Page 2 of 8



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Intake 3 (700')		240223020-02	Sample Date:		3/6/2024 11:09 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Aluminum	120	ug/L		200	E200.8	EEA	3/12/2024	
Blue-green Algae	30	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	45	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	95	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	3.75	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	9	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	150	ug/L			E200.8	EEA	3/12/2024	
Manganese	11.0	ug/L			E200.8	EEA	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	E	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	7.85	SU			SH-B	MDAndrews	3/6/2024	
Temperature	11.5	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	1.4	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	3.5	NTU	0.03		S2130B	MDAndrews	3/6/2024	

Intake 4 (720')		240223020-03	Sample Date:		3/6/2024 11:05 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Aluminum	76	ug/L		200	E200.8	EEA	3/12/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	3	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	75	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	4.10	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	86.0	ug/L			E200.8	EEA	3/12/2024	
Manganese	5.00	ug/L			E200.8	EEA	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	7.94	SU			SH-B	MDAndrews	3/6/2024	
Temperature	11.6	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	1.4	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	2.5	NTU	0.03		S2130B	MDAndrews	3/6/2024	

Intake 5 (740')		240223020-04	Sample Date:		3/6/2024 11:01 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Report Date 22-Apr-24

Page 3 of 8



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Intake 5 (740')		240223020-04	Sample Date:		3/6/2024 11:01 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Aluminum	58	ug/L		200	E200.8	EEA	3/12/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	21	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	6	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	55	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	6	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	5.21	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	6	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	61.0	ug/L			E200.8	EEA	3/12/2024	
Manganese	3.50	ug/L			E200.8	EEA	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	8.04	SU			SH-B	MDAndrews	3/6/2024	
Temperature	11.9	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	1.7	NTU	0.03		S2130B	MDAndrews	3/6/2024	

Intake 6 (760')		240223020-05	Sample Date:		3/6/2024 10:57 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Aluminum	59	ug/L		200	E200.8	EEA	3/21/2024	
Blue-green Algae	0	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	12	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	6	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	35	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	6.68	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	3	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	90.0	ug/L			E200.8	EEA	3/22/2024	
Manganese	3.30	ug/L			E200.8	EEA	3/21/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	8.09	SU			SH-B	MDAndrews	3/6/2024	
Temperature	12.3	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	2.6	NTU	0.03		S2130B	MDAndrews	3/6/2024	

Intake 7 (780')		240223020-06	Sample Date:		3/6/2024 10:53 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Report Date 22-Apr-24

Page 4 of 8



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Intake 7 (780')		240223020-06	Sample Date:		3/6/2024 10:53 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Aluminum	120	ug/L		200	E200.8	EEA	3/12/2024	
Blue-green Algae	36	Cells/mL		2000	S10300C	MDAndrews	3/12/2024	
Calculated Total Algae Count	51	Cells/mL	1		S10300C	MDAndrews	3/12/2024	
Cryptomonads	15	Cells/mL			S10300C	MDAndrews	3/12/2024	
Depth	15	Feet			N/A	MDAndrews	3/6/2024	
Diatoms	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dinoflagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Dissolved Oxygen	8.76	mg/L			S4500OG	MDAndrews	3/6/2024	
Flagellates	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Golden Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Green Algae	0	Cells/mL			S10300C	MDAndrews	3/12/2024	
Iron	120	ug/L			E200.8	EEA	3/12/2024	
Manganese	3.30	ug/L			E200.8	EEA	3/12/2024	
Odor Type @ 60°C (A/B/C/D/E/G/M/V)	Df	Odor Type			S2150B	MDAndrews	3/6/2024	
pH (measured in field)	8.44	SU			SH-B	MDAndrews	3/6/2024	
Temperature	13.5	°C			S2550B	MDAndrews	3/6/2024	
Threshold Odor @ 60°C	1.0	TON	1	3	S2150B	MDAndrews	3/6/2024	
Turbidity (measured in field)	3.3	NTU	0.03		S2130B	MDAndrews	3/6/2024	
Log Boom 02 Feet		240223021-00	Sample Date:		3/6/2024 10:50 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	9.30	mg/L			S4500OG	MDAndrews	3/6/2024	
pH (measured in field)	8.55	SU			SH-B	MDAndrews	3/6/2024	
Temperature	14.5	°C			S2550B	MDAndrews	3/6/2024	
Log Boom 05 Feet		240223021-01	Sample Date:		3/6/2024 10:51 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	9.30	mg/L			S4500OG	MDAndrews	3/6/2024	
pH (measured in field)	8.55	SU			SH-B	MDAndrews	3/6/2024	
Temperature	14.5	°C			S2550B	MDAndrews	3/6/2024	
Log Boom 10 Feet		240223021-02	Sample Date:		3/6/2024 10:52 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	8.81	mg/L			S4500OG	MDAndrews	3/6/2024	
pH (measured in field)	8.49	SU			SH-B	MDAndrews	3/6/2024	
Temperature	13.8	°C			S2550B	MDAndrews	3/6/2024	
Log Boom 15 Feet		240223021-03	Sample Date:		3/6/2024 10:53 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	8.76	mg/L			S4500OG	MDAndrews	3/6/2024	
pH (measured in field)	8.44	SU			SH-B	MDAndrews	3/6/2024	
Temperature	13.5	°C			S2550B	MDAndrews	3/6/2024	
Log Boom 20 Feet		240223021-04	Sample Date:		3/6/2024 10:54 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier

Report Date 22-Apr-24

Page 5 of 8



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Log Boom 20 Feet		240223021-04		Sample Date:		3/6/2024 10:54 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	8.24	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.35	SU			SH-B	MDAndrews	3/6/2024		
Temperature	13.2	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 25 Feet		240223021-05		Sample Date:		3/6/2024 10:55 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	7.80	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.23	SU			SH-B	MDAndrews	3/6/2024		
Temperature	12.9	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 30 Feet		240223021-06		Sample Date:		3/6/2024 10:56 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	7.16	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.11	SU			SH-B	MDAndrews	3/6/2024		
Temperature	12.7	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 35 Feet		240223021-07		Sample Date:		3/6/2024 10:57 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	6.68	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.09	SU			SH-B	MDAndrews	3/6/2024		
Temperature	12.3	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 40 Feet		240223021-08		Sample Date:		3/6/2024 10:58 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	6.47	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.10	SU			SH-B	MDAndrews	3/6/2024		
Temperature	12.1	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 45 Feet		240223021-09		Sample Date:		3/6/2024 10:59 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	6.25	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.06	SU			SH-B	MDAndrews	3/6/2024		
Temperature	12.0	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 50 Feet		240223021-10		Sample Date:		3/6/2024 11:00 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	5.67	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.03	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.9	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 55 Feet		240223021-11		Sample Date:		3/6/2024 11:01 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	5.21	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	8.04	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.9	°C			S2550B	MDAndrews	3/6/2024		



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Log Boom 60 Feet		240223021-12		Sample Date:		3/6/2024 11:02 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	5.20	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.88	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.8	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 65 Feet		240223021-13		Sample Date:		3/6/2024 11:03 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	4.63	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.93	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.7	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 70 Feet		240223021-14		Sample Date:		3/6/2024 11:04 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	4.36	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.93	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.7	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 75 Feet		240223021-15		Sample Date:		3/6/2024 11:05 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	4.10	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.94	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.6	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 80 Feet		240223021-16		Sample Date:		3/6/2024 11:06 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	3.87	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.84	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.6	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 85 Feet		240223021-17		Sample Date:		3/6/2024 11:07 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	3.86	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.91	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.6	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 90 Feet		240223021-18		Sample Date:		3/6/2024 11:08 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	3.73	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.94	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.5	°C			S2550B	MDAndrews	3/6/2024		
Log Boom 95 Feet		240223021-19		Sample Date:		3/6/2024 11:09 AM		Sampler: Mandrews	
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier	
Dissolved Oxygen	3.75	mg/L			S4500OG	MDAndrews	3/6/2024		
pH (measured in field)	7.85	SU			SH-B	MDAndrews	3/6/2024		
Temperature	11.5	°C			S2550B	MDAndrews	3/6/2024		



Department of Public Works
Water Quality Laboratory

CustomerName:
NACIMIENTO PROJECT

Analytical Report

Log Boom 100 Feet		240223021-20	Sample Date:		3/6/2024 11:10 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Dissolved Oxygen	3.61	mg/L			S4500OG	MDAndrews	3/6/2024	
pH (measured in field)	7.80	SU			SH-B	MDAndrews	3/6/2024	
Temperature	11.5	°C			S2550B	MDAndrews	3/6/2024	
HROA Marina		240223022-00	Sample Date:		3/11/2024 12:00 PM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Depth	18	Feet			N/A	MDAndrews	3/6/2024	
Invasive Mussel Inspection	Absent	Present/Absent			Field Observations	MDAndrews	3/6/2024	
Log Boom - SLO #1		240223022-01	Sample Date:		3/11/2024 10:50 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Depth	18	Feet			N/A	MDAndrews	3/6/2024	
Invasive Mussel Inspection	Absent	Present/Absent			Field Observations	MDAndrews	3/6/2024	
OSCA Marina		240223022-02	Sample Date:		3/11/2024 12:34 PM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Depth	18	Feet			N/A	MDAndrews	3/6/2024	
Invasive Mussel Inspection	Absent	Present/Absent			Field Observations	MDAndrews	3/6/2024	
Floating Toilet at Dip Creek		240223023-00	Sample Date:		3/11/2024	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Field Inspection	NA				None			
Floating Toilet at Oak Shores		240223023-01	Sample Date:		3/11/2024	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Field Inspection	NA				None			
Floating Toilet near LNR docks		240223023-02	Sample Date:		3/11/2024 10:55 AM	Sampler: Mandrews		
Analyte	Result	Units	RL	MCL	Method	Analyst	Anal. Date	Qualifier
Field Inspection	Complete	N/A			None	MDAndrews	3/6/2024	

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)

Report Date 22-Apr-24

Page 8 of 8