



Advanced Environmental Laboratories, Inc  
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**FINAL**

**Workorder: MARCO (F2202277)**

June 09, 2022

Mike Daniel  
City of Marco Island  
50 Bald Eagle Drive  
Marco Island, FL 34145

RE: Workorder: F2202277 MARCO

Dear Mike Daniel:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday May 23, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Josh Snead, Laboratory Manager  
JSnead@aellab.com

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**FINAL**

**Workorder: MARCO (F2202277)**

**Sample Summary**

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2202277001	BARFIELD_BRIDGE	WA	Calculation	05/23/2022 08:40	05/23/2022 13:41	1	NA
F2202277001	BARFIELD_BRIDGE	WA	DISRES	05/23/2022 08:40	05/23/2022 13:41	3	NA
F2202277001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 08:40	05/23/2022 13:41	1	NA
F2202277001	BARFIELD_BRIDGE	WA	EPA 180.1	05/23/2022 08:40	05/23/2022 13:41	1	NA
F2202277001	BARFIELD_BRIDGE	WA	EPA 351.2	05/23/2022 08:40	05/23/2022 13:41	1	NA
F2202277001	BARFIELD_BRIDGE	WA	EPA 365.3	05/23/2022 08:40	05/23/2022 13:41	1	NA
F2202277001	BARFIELD_BRIDGE	WA	Field Measurements	05/23/2022 08:40	05/23/2022 13:41	6	NA
F2202277001	BARFIELD_BRIDGE	WA	SM 10200 H	05/23/2022 08:40	05/23/2022 13:41	2	NA
F2202277001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	05/23/2022 08:40	05/23/2022 13:41	3	NA
F2202277002	OLDE_MARCO	WA	Calculation	05/23/2022 08:53	05/23/2022 13:41	1	NA
F2202277002	OLDE_MARCO	WA	DISRES	05/23/2022 08:53	05/23/2022 13:41	3	NA
F2202277002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 08:53	05/23/2022 13:41	1	NA
F2202277002	OLDE_MARCO	WA	EPA 180.1	05/23/2022 08:53	05/23/2022 13:41	1	NA
F2202277002	OLDE_MARCO	WA	EPA 351.2	05/23/2022 08:53	05/23/2022 13:41	1	NA
F2202277002	OLDE_MARCO	WA	EPA 365.3	05/23/2022 08:53	05/23/2022 13:41	1	NA
F2202277002	OLDE_MARCO	WA	Field Measurements	05/23/2022 08:53	05/23/2022 13:41	6	NA
F2202277002	OLDE_MARCO	WA	SM 10200 H	05/23/2022 08:53	05/23/2022 13:41	2	NA
F2202277002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	05/23/2022 08:53	05/23/2022 13:41	3	NA
F2202277003	JH_PARK	WA	Calculation	05/23/2022 09:05	05/23/2022 13:41	1	NA
F2202277003	JH_PARK	WA	DISRES	05/23/2022 09:05	05/23/2022 13:41	3	NA
F2202277003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 09:05	05/23/2022 13:41	1	NA
F2202277003	JH_PARK	WA	EPA 180.1	05/23/2022 09:05	05/23/2022 13:41	1	NA
F2202277003	JH_PARK	WA	EPA 351.2	05/23/2022 09:05	05/23/2022 13:41	1	NA
F2202277003	JH_PARK	WA	EPA 365.3	05/23/2022 09:05	05/23/2022 13:41	1	NA
F2202277003	JH_PARK	WA	Field Measurements	05/23/2022 09:05	05/23/2022 13:41	6	NA
F2202277003	JH_PARK	WA	SM 10200 H	05/23/2022 09:05	05/23/2022 13:41	2	NA
F2202277003	JH_PARK	WA	SM 4500NO3-F (Low Level)	05/23/2022 09:05	05/23/2022 13:41	3	NA
F2202277004	KENDALL	WA	Calculation	05/23/2022 09:19	05/23/2022 13:41	1	NA
F2202277004	KENDALL	WA	DISRES	05/23/2022 09:19	05/23/2022 13:41	3	NA
F2202277004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 09:19	05/23/2022 13:41	1	NA
F2202277004	KENDALL	WA	EPA 180.1	05/23/2022 09:19	05/23/2022 13:41	1	NA
F2202277004	KENDALL	WA	EPA 351.2	05/23/2022 09:19	05/23/2022 13:41	1	NA
F2202277004	KENDALL	WA	EPA 365.3	05/23/2022 09:19	05/23/2022 13:41	1	NA
F2202277004	KENDALL	WA	Field Measurements	05/23/2022 09:19	05/23/2022 13:41	6	NA

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**FINAL**

**Workorder: MARCO (F2202277)**

**Sample Summary**

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2202277004	KENDALL	WA	SM 10200 H	05/23/2022 09:19	05/23/2022 13:41	2	NA
F2202277004	KENDALL	WA	SM 4500NO3-F (Low Level)	05/23/2022 09:19	05/23/2022 13:41	3	NA
F2202277005	COLLIER_BRIDGE	WA	Calculation	05/23/2022 09:27	05/23/2022 13:41	1	NA
F2202277005	COLLIER_BRIDGE	WA	DISRES	05/23/2022 09:27	05/23/2022 13:41	3	NA
F2202277005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 09:27	05/23/2022 13:41	1	NA
F2202277005	COLLIER_BRIDGE	WA	EPA 180.1	05/23/2022 09:27	05/23/2022 13:41	1	NA
F2202277005	COLLIER_BRIDGE	WA	EPA 351.2	05/23/2022 09:27	05/23/2022 13:41	1	NA
F2202277005	COLLIER_BRIDGE	WA	EPA 365.3	05/23/2022 09:27	05/23/2022 13:41	1	NA
F2202277005	COLLIER_BRIDGE	WA	Field Measurements	05/23/2022 09:27	05/23/2022 13:41	6	NA
F2202277005	COLLIER_BRIDGE	WA	SM 10200 H	05/23/2022 09:27	05/23/2022 13:41	2	NA
F2202277005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	05/23/2022 09:27	05/23/2022 13:41	3	NA
F2202277006	LANDMARK	WA	Calculation	05/23/2022 09:39	05/23/2022 13:41	1	NA
F2202277006	LANDMARK	WA	DISRES	05/23/2022 09:39	05/23/2022 13:41	3	NA
F2202277006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 09:39	05/23/2022 13:41	1	NA
F2202277006	LANDMARK	WA	EPA 180.1	05/23/2022 09:39	05/23/2022 13:41	1	NA
F2202277006	LANDMARK	WA	EPA 351.2	05/23/2022 09:39	05/23/2022 13:41	1	NA
F2202277006	LANDMARK	WA	EPA 365.3	05/23/2022 09:39	05/23/2022 13:41	1	NA
F2202277006	LANDMARK	WA	Field Measurements	05/23/2022 09:39	05/23/2022 13:41	6	NA
F2202277006	LANDMARK	WA	SM 10200 H	05/23/2022 09:39	05/23/2022 13:41	2	NA
F2202277006	LANDMARK	WA	SM 4500NO3-F (Low Level)	05/23/2022 09:39	05/23/2022 13:41	3	NA
F2202277007	LANDMARK_DUP	WA	Calculation	05/23/2022 09:45	05/23/2022 13:41	1	NA
F2202277007	LANDMARK_DUP	WA	DISRES	05/23/2022 09:45	05/23/2022 13:41	3	NA
F2202277007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 09:45	05/23/2022 13:41	1	NA
F2202277007	LANDMARK_DUP	WA	EPA 180.1	05/23/2022 09:45	05/23/2022 13:41	1	NA
F2202277007	LANDMARK_DUP	WA	EPA 351.2	05/23/2022 09:45	05/23/2022 13:41	1	NA
F2202277007	LANDMARK_DUP	WA	EPA 365.3	05/23/2022 09:45	05/23/2022 13:41	1	NA
F2202277007	LANDMARK_DUP	WA	Field Measurements	05/23/2022 09:45	05/23/2022 13:41	6	NA
F2202277007	LANDMARK_DUP	WA	SM 10200 H	05/23/2022 09:45	05/23/2022 13:41	2	NA
F2202277007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	05/23/2022 09:45	05/23/2022 13:41	3	NA
F2202277008	HC_CENTER	WA	Calculation	05/23/2022 09:52	05/23/2022 13:41	1	NA
F2202277008	HC_CENTER	WA	DISRES	05/23/2022 09:52	05/23/2022 13:41	3	NA
F2202277008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 09:52	05/23/2022 13:41	1	NA
F2202277008	HC_CENTER	WA	EPA 180.1	05/23/2022 09:52	05/23/2022 13:41	1	NA
F2202277008	HC_CENTER	WA	EPA 351.2	05/23/2022 09:52	05/23/2022 13:41	1	NA

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**FINAL**

**Workorder: MARCO (F2202277)**

**Sample Summary**

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2202277008	HC_CENTER	WA	EPA 365.3	05/23/2022 09:52	05/23/2022 13:41	1	NA
F2202277008	HC_CENTER	WA	Field Measurements	05/23/2022 09:52	05/23/2022 13:41	6	NA
F2202277008	HC_CENTER	WA	SM 10200 H	05/23/2022 09:52	05/23/2022 13:41	2	NA
F2202277008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	05/23/2022 09:52	05/23/2022 13:41	3	NA
F2202277009	SWALLOW	WA	Calculation	05/23/2022 10:05	05/23/2022 13:41	1	NA
F2202277009	SWALLOW	WA	DISRES	05/23/2022 10:05	05/23/2022 13:41	3	NA
F2202277009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 10:05	05/23/2022 13:41	1	NA
F2202277009	SWALLOW	WA	EPA 180.1	05/23/2022 10:05	05/23/2022 13:41	1	NA
F2202277009	SWALLOW	WA	EPA 351.2	05/23/2022 10:05	05/23/2022 13:41	1	NA
F2202277009	SWALLOW	WA	EPA 365.3	05/23/2022 10:05	05/23/2022 13:41	1	NA
F2202277009	SWALLOW	WA	Field Measurements	05/23/2022 10:05	05/23/2022 13:41	6	NA
F2202277009	SWALLOW	WA	SM 10200 H	05/23/2022 10:05	05/23/2022 13:41	2	NA
F2202277009	SWALLOW	WA	SM 4500NO3-F (Low Level)	05/23/2022 10:05	05/23/2022 13:41	3	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	Calculation	05/23/2022 10:30	05/23/2022 13:41	1	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	DISRES	05/23/2022 10:30	05/23/2022 13:41	3	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 10:30	05/23/2022 13:41	1	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	05/23/2022 10:30	05/23/2022 13:41	1	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	05/23/2022 10:30	05/23/2022 13:41	1	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	05/23/2022 10:30	05/23/2022 13:41	1	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	05/23/2022 10:30	05/23/2022 13:41	6	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	05/23/2022 10:30	05/23/2022 13:41	2	NA
F2202277010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	05/23/2022 10:30	05/23/2022 13:41	3	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	Calculation	05/23/2022 10:40	05/23/2022 13:41	1	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	DISRES	05/23/2022 10:40	05/23/2022 13:41	3	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 10:40	05/23/2022 13:41	1	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	05/23/2022 10:40	05/23/2022 13:41	1	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	05/23/2022 10:40	05/23/2022 13:41	1	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	05/23/2022 10:40	05/23/2022 13:41	1	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	05/23/2022 10:40	05/23/2022 13:41	6	NA
F2202277011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	05/23/2022 10:40	05/23/2022 13:41	2	NA

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**Workorder: MARCO (F2202277)**

**Sample Summary**

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2202277011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	05/23/2022 10:40	05/23/2022 13:41	3	NA
F2202277012	MCILVAINE	WA	Calculation	05/23/2022 10:51	05/23/2022 13:41	1	NA
F2202277012	MCILVAINE	WA	DISRES	05/23/2022 10:51	05/23/2022 13:41	3	NA
F2202277012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	05/23/2022 10:51	05/23/2022 13:41	1	NA
F2202277012	MCILVAINE	WA	EPA 180.1	05/23/2022 10:51	05/23/2022 13:41	1	NA
F2202277012	MCILVAINE	WA	EPA 351.2	05/23/2022 10:51	05/23/2022 13:41	1	NA
F2202277012	MCILVAINE	WA	EPA 365.3	05/23/2022 10:51	05/23/2022 13:41	1	NA
F2202277012	MCILVAINE	WA	Field Measurements	05/23/2022 10:51	05/23/2022 13:41	6	NA
F2202277012	MCILVAINE	WA	SM 10200 H	05/23/2022 10:51	05/23/2022 13:41	2	NA
F2202277012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	05/23/2022 10:51	05/23/2022 13:41	3	NA
F2202277013	HUMMINGBIRD	WA	Calculation	05/23/2022 11:04	05/23/2022 13:41	1	NA
F2202277013	HUMMINGBIRD	WA	DISRES	05/23/2022 11:04	05/23/2022 13:41	3	NA
F2202277013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	05/23/2022 11:04	05/23/2022 13:41	1	NA
F2202277013	HUMMINGBIRD	WA	EPA 180.1	05/23/2022 11:04	05/23/2022 13:41	1	NA
F2202277013	HUMMINGBIRD	WA	EPA 351.2	05/23/2022 11:04	05/23/2022 13:41	1	NA
F2202277013	HUMMINGBIRD	WA	EPA 365.3	05/23/2022 11:04	05/23/2022 13:41	1	NA
F2202277013	HUMMINGBIRD	WA	Field Measurements	05/23/2022 11:04	05/23/2022 13:41	6	NA
F2202277013	HUMMINGBIRD	WA	SM 10200 H	05/23/2022 11:04	05/23/2022 13:41	2	NA
F2202277013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	05/23/2022 11:04	05/23/2022 13:41	3	NA
F2202277014	HOLLYHOCK	WA	Calculation	05/23/2022 11:19	05/23/2022 13:41	1	NA
F2202277014	HOLLYHOCK	WA	DISRES	05/23/2022 11:19	05/23/2022 13:41	3	NA
F2202277014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	05/23/2022 11:19	05/23/2022 13:41	1	NA
F2202277014	HOLLYHOCK	WA	EPA 180.1	05/23/2022 11:19	05/23/2022 13:41	1	NA
F2202277014	HOLLYHOCK	WA	EPA 351.2	05/23/2022 11:19	05/23/2022 13:41	1	NA
F2202277014	HOLLYHOCK	WA	EPA 365.3	05/23/2022 11:19	05/23/2022 13:41	1	NA
F2202277014	HOLLYHOCK	WA	Field Measurements	05/23/2022 11:19	05/23/2022 13:41	6	NA
F2202277014	HOLLYHOCK	WA	SM 10200 H	05/23/2022 11:19	05/23/2022 13:41	2	NA
F2202277014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	05/23/2022 11:19	05/23/2022 13:41	3	NA
F2202277015	WINDMILL	WA	Calculation	05/23/2022 11:37	05/23/2022 13:41	1	NA
F2202277015	WINDMILL	WA	DISRES	05/23/2022 11:37	05/23/2022 13:41	3	NA
F2202277015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	05/23/2022 11:37	05/23/2022 13:41	1	NA
F2202277015	WINDMILL	WA	EPA 180.1	05/23/2022 11:37	05/23/2022 13:41	1	NA
F2202277015	WINDMILL	WA	EPA 351.2	05/23/2022 11:37	05/23/2022 13:41	1	NA

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Workorder: MARCO (F2202277)

**Sample Summary**

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2202277015	WINDMILL	WA	EPA 365.3	05/23/2022 11:37	05/23/2022 13:41	1	NA
F2202277015	WINDMILL	WA	Field Measurements	05/23/2022 11:37	05/23/2022 13:41	6	NA
F2202277015	WINDMILL	WA	SM 10200 H	05/23/2022 11:37	05/23/2022 13:41	2	NA
F2202277015	WINDMILL	WA	SM 4500NO3-F (Low Level)	05/23/2022 11:37	05/23/2022 13:41	3	NA
F2202277016	EQUIPMENT_BLANK	WA	Calculation	05/23/2022 11:45	05/23/2022 13:41	1	NA
F2202277016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	05/23/2022 11:45	05/23/2022 13:41	1	NA
F2202277016	EQUIPMENT_BLANK	WA	EPA 180.1	05/23/2022 11:45	05/23/2022 13:41	1	NA
F2202277016	EQUIPMENT_BLANK	WA	EPA 351.2	05/23/2022 11:45	05/23/2022 13:41	1	NA
F2202277016	EQUIPMENT_BLANK	WA	EPA 365.3	05/23/2022 11:45	05/23/2022 13:41	1	NA
F2202277016	EQUIPMENT_BLANK	WA	SM 10200 H	05/23/2022 11:45	05/23/2022 13:41	2	NA
F2202277016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	05/23/2022 11:45	05/23/2022 13:41	3	NA

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**FINAL**

**Workorder:** MARCO (F2202277)

## Analytical Results Qualifiers

### Parameter Qualifiers

- U            The compound was analyzed for but not detected.
- I            The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

### Lab Qualifiers

- F            DOH Certification #E84492 (FL NELAC) AEL-Ft. Myers
- F^          Not Certified
- G            DOH Certification #E82001 (FL NELAC) AEL-Gainesville

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**FINAL**

**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277001      **Date Collected:** 05/23/2022 08:40      **Matrix:** Water  
**Sample ID:** BARFIELD\_BRIDGE      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 08:40	05/23/2022 08:40	X
Secchi Disc	1	meters			1	05/23/2022 08:40	05/23/2022 08:40	X
Total Depth	2.5	meters			1	05/23/2022 08:40	05/23/2022 08:40	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55292	umhos/cm			1	05/23/2022 08:40	05/23/2022 08:40	F
DO Saturation %	60.2	%			1	05/23/2022 08:40	05/23/2022 08:40	F
Dissolved Oxygen	3.75	mg/L			1	05/23/2022 08:40	05/23/2022 08:40	F
Salinity	36.56	ppt			1	05/23/2022 08:40	05/23/2022 08:40	F
Temperature	29	°C			1	05/23/2022 08:40	05/23/2022 08:40	F
pH	8	SU			1	05/23/2022 08:40	05/23/2022 08:40	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.331	mg/L	0.2	0.12	1	06/09/2022 15:26	06/09/2022 15:26	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.316 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 10:26	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	4	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.028	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	3.6	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.01	mg/L	0.01	0.0060	1	05/24/2022 15:26	05/24/2022 15:26	T
Nitrate + Nitrite	0.02 I	mg/L	0.02	0.010	1	05/24/2022 15:26	05/24/2022 15:26	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:26	05/24/2022 15:26	T







**FINAL**

**Workorder:** MARCO (F2202277)

## Analytical Results

### Analysis Results Comments

#### Corrected Chlorophyll A

Samples F2202277001-16 filtered on 5/24/2022 at 13:04

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**FINAL**

**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277002      **Date Collected:** 05/23/2022 08:53      **Matrix:** Water  
**Sample ID:** OLDE\_MARCO      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 08:53	05/23/2022 08:53	X
Secchi Disc	1	meters			1	05/23/2022 08:53	05/23/2022 08:53	X
Total Depth	2	meters			1	05/23/2022 08:53	05/23/2022 08:53	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55534	umhos/cm			1	05/23/2022 08:53	05/23/2022 08:53	F
DO Saturation %	58.3	%			1	05/23/2022 08:53	05/23/2022 08:53	F
Dissolved Oxygen	3.63	mg/L			1	05/23/2022 08:53	05/23/2022 08:53	F
Salinity	36.72	ppt			1	05/23/2022 08:53	05/23/2022 08:53	F
Temperature	29.2	°C			1	05/23/2022 08:53	05/23/2022 08:53	F
pH	8.02	SU			1	05/23/2022 08:53	05/23/2022 08:53	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.303	mg/L	0.2	0.12	1	06/09/2022 15:26	06/09/2022 15:26	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.303 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 10:26	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	4	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.031	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:29	05/24/2022 15:29	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:29	05/24/2022 15:29	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:29	05/24/2022 15:29	T





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**Workorder: MARCO (F2202277)**

## Analytical Results

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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277003      **Date Collected:** 05/23/2022 09:05      **Matrix:** Water  
**Sample ID:** JH\_PARK      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 09:05	05/23/2022 09:05	X
Secchi Disc	1	meters			1	05/23/2022 09:05	05/23/2022 09:05	X
Total Depth	3.5	meters			1	05/23/2022 09:05	05/23/2022 09:05	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	54887	umhos/cm			1	05/23/2022 09:05	05/23/2022 09:05	F
DO Saturation %	67.8	%			1	05/23/2022 09:05	05/23/2022 09:05	F
Dissolved Oxygen	4.58	mg/L			1	05/23/2022 09:05	05/23/2022 09:05	F
Salinity	36.22	ppt			1	05/23/2022 09:05	05/23/2022 09:05	F
Temperature	29.6	°C			1	05/23/2022 09:05	05/23/2022 09:05	F
pH	8.04	SU			1	05/23/2022 09:05	05/23/2022 09:05	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.323	mg/L	0.2	0.12	1	06/09/2022 15:26	06/09/2022 15:26	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.323 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 10:26	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	3	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.034	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:29	05/24/2022 15:29	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:29	05/24/2022 15:29	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:29	05/24/2022 15:29	T





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**Analytical Results**

**Lab ID:** F2202277004      **Date Collected:** 05/23/2022 09:19      **Matrix:** Water  
**Sample ID:** KENDALL      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 09:19	05/23/2022 09:19	X
Secchi Disc	1	meters			1	05/23/2022 09:19	05/23/2022 09:19	X
Total Depth	1.5	feet			1	05/23/2022 09:19	05/23/2022 09:19	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	54562	umhos/cm			1	05/23/2022 09:19	05/23/2022 09:19	F
DO Saturation %	59.5	%			1	05/23/2022 09:19	05/23/2022 09:19	F
Dissolved Oxygen	3.7	mg/L			1	05/23/2022 09:19	05/23/2022 09:19	F
Salinity	35.98	ppt			1	05/23/2022 09:19	05/23/2022 09:19	F
Temperature	29.3	°C			1	05/23/2022 09:19	05/23/2022 09:19	F
pH	7.99	SU			1	05/23/2022 09:19	05/23/2022 09:19	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.407	mg/L	0.2	0.12	1	06/09/2022 15:27	06/09/2022 15:27	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.407 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 10:26	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	2	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.036	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:30	05/24/2022 15:30	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:30	05/24/2022 15:30	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:30	05/24/2022 15:30	T





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**Analytical Results**

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>Lab ID:</b> F2202277005 <b>Date Collected:</b> 05/23/2022 09:27 <b>Matrix:</b> Water								
<b>Sample ID:</b> COLLIER_BRIDGE <b>Date Received:</b> 05/23/2022 13:41								
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 09:27	05/23/2022 09:27	X
Secchi Disc	1.5	meters			1	05/23/2022 09:27	05/23/2022 09:27	X
Total Depth	2.5	meters			1	05/23/2022 09:27	05/23/2022 09:27	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	54153	umhos/cm			1	05/23/2022 09:27	05/23/2022 09:27	F
DO Saturation %	48.8	%			1	05/23/2022 09:27	05/23/2022 09:27	F
Dissolved Oxygen	3.05	mg/L			1	05/23/2022 09:27	05/23/2022 09:27	F
Salinity	35.68	ppt			1	05/23/2022 09:27	05/23/2022 09:27	F
Temperature	29.5	°C			1	05/23/2022 09:27	05/23/2022 09:27	F
pH	7.95	SU			1	05/23/2022 09:27	05/23/2022 09:27	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.431	mg/L	0.2	0.12	1	06/09/2022 15:27	06/09/2022 15:27	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.431 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	4	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.044	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:31	05/24/2022 15:31	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:31	05/24/2022 15:31	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:31	05/24/2022 15:31	T







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**Workorder: MARCO (F2202277)**

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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277006      **Date Collected:** 05/23/2022 09:39      **Matrix:** Water  
**Sample ID:** LANDMARK      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 09:39	05/23/2022 09:39	X
Secchi Disc	2	meters			1	05/23/2022 09:39	05/23/2022 09:39	X
Total Depth	2	meters			1	05/23/2022 09:39	05/23/2022 09:39	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	53417	umhos/cm			1	05/23/2022 09:39	05/23/2022 09:39	F
DO Saturation %	83.1	%			1	05/23/2022 09:39	05/23/2022 09:39	F
Dissolved Oxygen	5.02	mg/L			1	05/23/2022 09:39	05/23/2022 09:39	F
Salinity	35.15	ppt			1	05/23/2022 09:39	05/23/2022 09:39	F
Temperature	29.3	°C			1	05/23/2022 09:39	05/23/2022 09:39	F
pH	8.06	SU			1	05/23/2022 09:39	05/23/2022 09:39	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	20	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.534	mg/L	0.2	0.12	1	06/09/2022 15:29	06/09/2022 15:29	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.499 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	0.9	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.137	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.03	mg/L	0.01	0.0060	1	05/24/2022 15:32	05/24/2022 15:32	T
Nitrate + Nitrite	0.04	mg/L	0.02	0.010	1	05/24/2022 15:32	05/24/2022 15:32	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:32	05/24/2022 15:32	T





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**Workorder:** MARCO (F2202277)

**Analytical Results**

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>Lab ID:</b> F2202277007 <b>Date Collected:</b> 05/23/2022 09:45 <b>Matrix:</b> Water								
<b>Sample ID:</b> LANDMARK_DUP <b>Date Received:</b> 05/23/2022 13:41								
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 09:45	05/23/2022 09:45	X
Secchi Disc	2	meters			1	05/23/2022 09:45	05/23/2022 09:45	X
Total Depth	2	meters			1	05/23/2022 09:45	05/23/2022 09:45	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	53411	umhos/cm			1	05/23/2022 09:45	05/23/2022 09:45	F
DO Saturation %	81.8	%			1	05/23/2022 09:45	05/23/2022 09:45	F
Dissolved Oxygen	4.9	mg/L			1	05/23/2022 09:45	05/23/2022 09:45	F
Salinity	35.09	ppt			1	05/23/2022 09:45	05/23/2022 09:45	F
Temperature	29.2	°C			1	05/23/2022 09:45	05/23/2022 09:45	F
pH	8.07	SU			1	05/23/2022 09:45	05/23/2022 09:45	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	20	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.535	mg/L	0.2	0.12	1	06/09/2022 15:29	06/09/2022 15:29	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.482 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	0.9	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.137	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.05	mg/L	0.01	0.0060	1	05/24/2022 15:32	05/24/2022 15:32	T
Nitrate + Nitrite	0.05	mg/L	0.02	0.010	1	05/24/2022 15:32	05/24/2022 15:32	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:32	05/24/2022 15:32	T





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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277008      **Date Collected:** 05/23/2022 09:52      **Matrix:** Water  
**Sample ID:** HC\_CENTER      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 09:52	05/23/2022 09:52	X
Secchi Disc	1.5	meters			1	05/23/2022 09:52	05/23/2022 09:52	X
Total Depth	1.5	meters			1	05/23/2022 09:52	05/23/2022 09:52	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	54491	umhos/cm			1	05/23/2022 09:52	05/23/2022 09:52	F
DO Saturation %	58.7	%			1	05/23/2022 09:52	05/23/2022 09:52	F
Dissolved Oxygen	3.6	mg/L			1	05/23/2022 09:52	05/23/2022 09:52	F
Salinity	35.92	ppt			1	05/23/2022 09:52	05/23/2022 09:52	F
Temperature	29.6	°C			1	05/23/2022 09:52	05/23/2022 09:52	F
pH	7.95	SU			1	05/23/2022 09:52	05/23/2022 09:52	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	20	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.372	mg/L	0.2	0.12	1	06/09/2022 15:29	06/09/2022 15:29	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.372 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	1	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.044	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.007 I	mg/L	0.01	0.0060	1	05/24/2022 15:33	05/24/2022 15:33	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:33	05/24/2022 15:33	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:33	05/24/2022 15:33	T





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**Workorder: MARCO (F2202277)**

## Analytical Results

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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277009      **Date Collected:** 05/23/2022 10:05      **Matrix:** Water  
**Sample ID:** SWALLOW      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 10:05	05/23/2022 10:05	X
Secchi Disc	1.5	meters			1	05/23/2022 10:05	05/23/2022 10:05	X
Total Depth	2	meters			1	05/23/2022 10:05	05/23/2022 10:05	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	54581	umhos/cm			1	05/23/2022 10:05	05/23/2022 10:05	F
DO Saturation %	54.3	%			1	05/23/2022 10:05	05/23/2022 10:05	F
Dissolved Oxygen	3.38	mg/L			1	05/23/2022 10:05	05/23/2022 10:05	F
Salinity	35.97	ppt			1	05/23/2022 10:05	05/23/2022 10:05	F
Temperature	29.9	°C			1	05/23/2022 10:05	05/23/2022 10:05	F
pH	8.07	SU			1	05/23/2022 10:05	05/23/2022 10:05	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.355	mg/L	0.2	0.12	1	06/09/2022 15:30	06/09/2022 15:30	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.330 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	0.9	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.036	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.02	mg/L	0.01	0.0060	1	05/24/2022 15:34	05/24/2022 15:34	T
Nitrate + Nitrite	0.02	mg/L	0.02	0.010	1	05/24/2022 15:34	05/24/2022 15:34	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:34	05/24/2022 15:34	T







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**Workorder:** MARCO (F2202277)

**Analytical Results**

<b>Lab ID:</b> F2202277010	<b>Date Collected:</b> 05/23/2022 10:30	<b>Matrix:</b> Water
<b>Sample ID:</b> W_WINTERBERRY_BRID GE	<b>Date Received:</b> 05/23/2022 13:41	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 10:30	05/23/2022 10:30	X
Secchi Disc	1	meters			1	05/23/2022 10:30	05/23/2022 10:30	X
Total Depth	2.5	meters			1	05/23/2022 10:30	05/23/2022 10:30	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55371	umhos/cm			1	05/23/2022 10:30	05/23/2022 10:30	F
DO Saturation %	52.5	%			1	05/23/2022 10:30	05/23/2022 10:30	F
Dissolved Oxygen	3.27	mg/L			1	05/23/2022 10:30	05/23/2022 10:30	F
Salinity	36.58	ppt			1	05/23/2022 10:30	05/23/2022 10:30	F
Temperature	29.6	°C			1	05/23/2022 10:30	05/23/2022 10:30	F
pH	8.14	SU			1	05/23/2022 10:30	05/23/2022 10:30	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.383	mg/L	0.2	0.12	1	06/09/2022 15:30	06/09/2022 15:30	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.356 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	4	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.031	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.03	mg/L	0.01	0.0060	1	05/24/2022 15:35	05/24/2022 15:35	T
Nitrate + Nitrite	0.03	mg/L	0.02	0.010	1	05/24/2022 15:35	05/24/2022 15:35	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:35	05/24/2022 15:35	T





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**Workorder: MARCO (F2202277)**

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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277011      **Date Collected:** 05/23/2022 10:40      **Matrix:** Water  
**Sample ID:** E\_WINTERBERRY\_BRID      **Date Received:** 05/23/2022 13:41  
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 10:40	05/23/2022 10:40	X
Secchi Disc	1	meters			1	05/23/2022 10:40	05/23/2022 10:40	X
Total Depth	2	meters			1	05/23/2022 10:40	05/23/2022 10:40	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55008	umhos/cm			1	05/23/2022 10:40	05/23/2022 10:40	F
DO Saturation %	68.5	%			1	05/23/2022 10:40	05/23/2022 10:40	F
Dissolved Oxygen	4.22	mg/L			1	05/23/2022 10:40	05/23/2022 10:40	F
Salinity	36.29	ppt			1	05/23/2022 10:40	05/23/2022 10:40	F
Temperature	30	°C			1	05/23/2022 10:40	05/23/2022 10:40	F
pH	8.36	SU			1	05/23/2022 10:40	05/23/2022 10:40	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.368	mg/L	0.2	0.12	1	06/09/2022 15:30	06/09/2022 15:30	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.368 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	2	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.026	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.009 I	mg/L	0.01	0.0060	1	05/24/2022 15:42	05/24/2022 15:42	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:42	05/24/2022 15:42	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:42	05/24/2022 15:42	T





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**Workorder: MARCO (F2202277)**

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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277012      **Date Collected:** 05/23/2022 10:51      **Matrix:** Water  
**Sample ID:** MCILVAINE      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 10:51	05/23/2022 10:51	X
Secchi Disc	1	meters			1	05/23/2022 10:51	05/23/2022 10:51	X
Total Depth	2.5	meters			1	05/23/2022 10:51	05/23/2022 10:51	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55666	umhos/cm			1	05/23/2022 10:51	05/23/2022 10:51	F
DO Saturation %	70.2	%			1	05/23/2022 10:51	05/23/2022 10:51	F
Dissolved Oxygen	4.39	mg/L			1	05/23/2022 10:51	05/23/2022 10:51	F
Salinity	36.8	ppt			1	05/23/2022 10:51	05/23/2022 10:51	F
Temperature	29.3	°C			1	05/23/2022 10:51	05/23/2022 10:51	F
pH	8.32	SU			1	05/23/2022 10:51	05/23/2022 10:51	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	20	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.385	mg/L	0.2	0.12	1	06/09/2022 15:30	06/09/2022 15:30	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.385 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	2	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.028	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:44	05/24/2022 15:44	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:44	05/24/2022 15:44	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:44	05/24/2022 15:44	T





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**Workorder: MARCO (F2202277)**

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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277013      **Date Collected:** 05/23/2022 11:04      **Matrix:** Water  
**Sample ID:** HUMMINGBIRD      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 11:04	05/23/2022 11:04	X
Secchi Disc	1	meters			1	05/23/2022 11:04	05/23/2022 11:04	X
Total Depth	1.5	meters			1	05/23/2022 11:04	05/23/2022 11:04	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	54878	umhos/cm			1	05/23/2022 11:04	05/23/2022 11:04	F
DO Saturation %	66.1	%			1	05/23/2022 11:04	05/23/2022 11:04	F
Dissolved Oxygen	4.08	mg/L			1	05/23/2022 11:04	05/23/2022 11:04	F
Salinity	36.2	ppt			1	05/23/2022 11:04	05/23/2022 11:04	F
Temperature	30	°C			1	05/23/2022 11:04	05/23/2022 11:04	F
pH	8.35	SU			1	05/23/2022 11:04	05/23/2022 11:04	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.380	mg/L	0.2	0.12	1	06/09/2022 15:31	06/09/2022 15:31	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.380 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	0.9	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.031	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:45	05/24/2022 15:45	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:45	05/24/2022 15:45	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:45	05/24/2022 15:45	T







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**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277014      **Date Collected:** 05/23/2022 11:19      **Matrix:** Water  
**Sample ID:** HOLLYHOCK      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 11:19	05/27/2022 14:01	X
Secchi Disc	1	meters			1	05/23/2022 11:19	05/27/2022 14:01	X
Total Depth	1.5	meters			1	05/23/2022 11:19	05/27/2022 14:01	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55684	umhos/cm			1	05/23/2022 11:19	05/23/2022 11:19	F
DO Saturation %	59.2	%			1	05/23/2022 11:19	05/23/2022 11:19	F
Dissolved Oxygen	3.66	mg/L			1	05/23/2022 11:19	05/23/2022 11:19	F
Salinity	36.79	ppt			1	05/23/2022 11:19	05/23/2022 11:19	F
Temperature	30.1	°C			1	05/23/2022 11:19	05/23/2022 11:19	F
pH	8.06	SU			1	05/23/2022 11:19	05/23/2022 11:19	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.411	mg/L	0.2	0.12	1	06/09/2022 15:31	06/09/2022 15:31	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.411 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	4	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.031	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:46	05/24/2022 15:46	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:46	05/24/2022 15:46	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:46	05/24/2022 15:46	T





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**FINAL**

**Workorder: MARCO (F2202277)**

## Analytical Results

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**FINAL**

**Workorder:** MARCO (F2202277)

**Analytical Results**

**Lab ID:** F2202277015      **Date Collected:** 05/23/2022 11:37      **Matrix:** Water  
**Sample ID:** WINDMILL      **Date Received:** 05/23/2022 13:41

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>FIELD PARAMETERS (DISRES)</b>								
Sample Depth	0.3	meters			1	05/23/2022 11:37	05/23/2022 11:37	X
Secchi Disc	1	meters			1	05/23/2022 11:37	05/23/2022 11:37	X
Total Depth	2.5	meters			1	05/23/2022 11:37	05/23/2022 11:37	X
<b>FIELD PARAMETERS (Field Measurements)</b>								
Conductivity	55168	umhos/cm			1	05/23/2022 11:37	05/23/2022 11:37	F
DO Saturation %	72.8	%			1	05/23/2022 11:37	05/23/2022 11:37	F
Dissolved Oxygen	4.58	mg/L			1	05/23/2022 11:37	05/23/2022 11:37	F
Salinity	36.42	ppt			1	05/23/2022 11:37	05/23/2022 11:37	F
Temperature	29.8	°C			1	05/23/2022 11:37	05/23/2022 11:37	F
pH	8.29	SU			1	05/23/2022 11:37	05/23/2022 11:37	F
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.382	mg/L	0.2	0.12	1	06/09/2022 15:31	06/09/2022 15:31	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.382 I	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	3	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.036	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:47	05/24/2022 15:47	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:47	05/24/2022 15:47	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:47	05/24/2022 15:47	T





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**Workorder: MARCO (F2202277)**

## Analytical Results

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**FINAL**

**Workorder:** MARCO (F2202277)

**Analytical Results**

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
<b>Lab ID:</b> F2202277016 <b>Date Collected:</b> 05/23/2022 11:45 <b>Matrix:</b> Water								
<b>Sample ID:</b> EQUIPMENT_BLANK <b>Date Received:</b> 05/23/2022 13:41								
<b>Microbiology (ENTEROLERT/ QUANTI-TRAY)</b>								
Enterococcus	1 U	MPN/100 mL	1	1	1	05/23/2022 16:33	05/23/2022 16:33	F
<b>WET CHEMISTRY (Calculation)</b>								
Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	06/09/2022 15:31	06/09/2022 15:31	G
<b>WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)</b>								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.5	0.20	1	05/31/2022 15:45	06/01/2022 13:43	G
<b>WET CHEMISTRY (EPA 180.1)</b>								
Turbidity	0.10 U	NTU	0.1	0.10	1	05/24/2022 10:15	05/24/2022 10:15	F
<b>WET CHEMISTRY (EPA 365.3)</b>								
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	1	05/31/2022 10:00	06/01/2022 10:45	G
<b>WET CHEMISTRY (SM 10200 H)</b>								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/26/2022 13:00	05/26/2022 13:00	G
<b>WET CHEMISTRY (SM 4500NO3-F (Low Level))</b>								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	05/24/2022 15:47	05/24/2022 15:47	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	05/24/2022 15:47	05/24/2022 15:47	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	05/24/2022 15:47	05/24/2022 15:47	T





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Workorder: MARCO (F2202277)

**QC Results**

**QC Batch:** MICf/1766      **Analysis Method:** ENTEROLERT/ QUANTI-TRAY  
**Preparation Method:** ENTEROLERT/ QUANTI-TRAY  
**Associated Lab IDs:** F2202277001, F2202277002, F2202277003, F2202277004, F2202277005, F2202277006, F2202277007, F2202277008,  
 F2202277009, F2202277010, F2202277011, F2202277012, F2202277013, F2202277014, F2202277015, F2202277016

**Method Blank(4324572)**

Parameter	Results	Units	PQL	MDL	Lab
Enterococcus	1 U	MPN/100 mL	1	1	F





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Workorder: MARCO (F2202277)

**QC Results**

**QC Batch:** WCAf/2251   **Analysis Method:** EPA 180.1  
**Preparation Method:** EPA 180.1  
**Associated Lab IDs:** F2202277001, F2202277002, F2202277003, F2202277004, F2202277005, F2202277006, F2202277007, F2202277008, F2202277009, F2202277010, F2202277011, F2202277012, F2202277013, F2202277014, F2202277015, F2202277016

**Method Blank(4324856)**

Parameter	Results	Units	PQL	MDL	Lab
Turbidity	0.10 U	NTU	0.10	0.10	F







**FINAL**

**Workorder:** MARCO (F2202277)

**QC Results**

**QC Batch:** WCAg/6648 **Analysis Method:** SM 10200 H  
**Preparation Method:** SM 10200 H  
**Associated Lab IDs:** F2202277001, F2202277002, F2202277003, F2202277004, F2202277005, F2202277006, F2202277007, F2202277008, F2202277009, F2202277010, F2202277011, F2202277012, F2202277013, F2202277014, F2202277015, F2202277016

**Method Blank(4328569)**

Parameter	Results	Units	PQL	MDL	Lab
Pheophytin A	2.5 U	mg/m3	3.0	2.5	G

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**Workorder: MARCO (F2202277)**

**QC Results**

**QC Batch:** WCAg/6691 **Analysis Method:** EPA 365.3  
**Preparation Method:** EPA 365.3  
**Associated Lab IDs:** F2202277001, F2202277002, F2202277003, F2202277004, F2202277005, F2202277006, F2202277007, F2202277008, F2202277009, F2202277010, F2202277011, F2202277012, F2202277013, F2202277014, F2202277015

**Method Blank(4332211)**

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	G





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Workorder: MARCO (F2202277)

**QC Results**

**QC Batch:** WCAg/6693  
**Preparation Method:** EPA 365.3  
**Associated Lab IDs:** F2202277016

**Analysis Method:** EPA 365.3

**Method Blank(4332267)**

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	G

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**Workorder:** MARCO (F2202277)

**QC Results**

**QC Batch:** WCAg/6718 **Analysis Method:** EPA 351.2  
**Preparation Method:** Copper Sulfate Digestion  
**Associated Lab IDs:** F2202277001, F2202277002, F2202277003, F2202277004

**Method Blank(4334208)**

Parameter	Results	Units	PQL	MDL	Lab
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	G





**FINAL**

**Workorder: MARCO (F2202277)**

**QC Results**

**QC Batch:** WCAg/6720 **Analysis Method:** EPA 351.2  
**Preparation Method:** Copper Sulfate Digestion  
**Associated Lab IDs:** F2202277005, F2202277006, F2202277007, F2202277008, F2202277009, F2202277010, F2202277011, F2202277012, F2202277013, F2202277014, F2202277015, F2202277016

**Method Blank(4334242)**

Parameter	Results	Units	PQL	MDL	Lab
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	G





**FINAL**

Workorder: MARCO (F2202277)

### QC Results

**QC Batch:** WCAg/6721

**Analysis Method:** EPA 365.4

**Preparation Method:** Copper Sulfate Digestion

**Associated Lab IDs:** F2202277005, F2202277006, F2202277007, F2202277008, F2202277009, F2202277010, F2202277011, F2202277012, F2202277013, F2202277014, F2202277015, F2202277016

#### Method Blank(4334243)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.50 U	mg/L	1.0	0.50	G





FINAL

Workorder: MARCO (F2202277)

QC Results

QC Batch: WCA1/12385 Analysis Method: SM 4500NO3-F (Low Level)  
Preparation Method: SM 4500NO3-F (Low Level)  
Associated Lab IDs: F2202277001, F2202277002, F2202277003, F2202277004, F2202277005, F2202277006, F2202277007, F2202277008, F2202277009, F2202277010

Method Blank(4325818)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	T
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	T





FINAL

Workorder: MARCO (F2202277)

QC Results

QC Batch: WCA/12386 Analysis Method: SM 4500NO3-F (Low Level)  
Preparation Method: SM 4500NO3-F (Low Level)  
Associated Lab IDs: F2202277011, F2202277012, F2202277013, F2202277014, F2202277015, F2202277016

Method Blank(4325832)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	T
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	T

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**Workorder: MARCO (F2202277)**

**QC Cross Reference**

Lab ID	Sample ID	Prep Batch	Prep Method
<b>MICf/1766 - ENTEROLERT/ QUANTI-TRAY</b>			
F2202277001	BARFIELD_BRIDGE		
F2202277002	OLDE_MARCO		
F2202277003	JH_PARK		
F2202277004	KENDALL		
F2202277005	COLLIER_BRIDGE		
F2202277006	LANDMARK		
F2202277007	LANDMARK_DUP		
F2202277008	HC_CENTER		
F2202277009	SWALLOW		
F2202277010	W_WINTERBERRY_BRIDGE		
F2202277011	E_WINTERBERRY_BRIDGE		
F2202277012	MCILVAINE		
F2202277013	HUMMINGBIRD		
F2202277014	HOLLYHOCK		
F2202277015	WINDMILL		
F2202277016	EQUIPMENT_BLANK		
<b>WCAf/2251 - EPA 180.1</b>			
F2202277001	BARFIELD_BRIDGE		
F2202277002	OLDE_MARCO		
F2202277003	JH_PARK		
F2202277004	KENDALL		
F2202277005	COLLIER_BRIDGE		
F2202277006	LANDMARK		
F2202277007	LANDMARK_DUP		
F2202277008	HC_CENTER		
F2202277009	SWALLOW		
F2202277010	W_WINTERBERRY_BRIDGE		
F2202277011	E_WINTERBERRY_BRIDGE		
F2202277012	MCILVAINE		
F2202277013	HUMMINGBIRD		
F2202277014	HOLLYHOCK		
F2202277015	WINDMILL		
F2202277016	EQUIPMENT_BLANK		





**FINAL**

**Workorder: MARCO (F2202277)**

**QC Cross Reference**

Lab ID	Sample ID	Prep Batch	Prep Method
<b>WCAg/6648 - SM 10200 H</b>			
F2202277001	BARFIELD_BRIDGE		
F2202277002	OLDE_MARCO		
F2202277003	JH_PARK		
F2202277004	KENDALL		
F2202277005	COLLIER_BRIDGE		
F2202277006	LANDMARK		
F2202277007	LANDMARK_DUP		
F2202277008	HC_CENTER		
F2202277009	SWALLOW		
F2202277010	W_WINTERBERRY_BRIDGE		
F2202277011	E_WINTERBERRY_BRIDGE		
F2202277012	MCILVAINE		
F2202277013	HUMMINGBIRD		
F2202277014	HOLLYHOCK		
F2202277015	WINDMILL		
F2202277016	EQUIPMENT_BLANK		
<b>WCAg/6691 - EPA 365.3</b>			
F2202277001	BARFIELD_BRIDGE	WCAg/6686	EPA 365.3
F2202277002	OLDE_MARCO	WCAg/6686	EPA 365.3
F2202277003	JH_PARK	WCAg/6686	EPA 365.3
F2202277004	KENDALL	WCAg/6686	EPA 365.3
F2202277005	COLLIER_BRIDGE	WCAg/6686	EPA 365.3
F2202277006	LANDMARK	WCAg/6686	EPA 365.3
F2202277007	LANDMARK_DUP	WCAg/6686	EPA 365.3
F2202277008	HC_CENTER	WCAg/6686	EPA 365.3
F2202277009	SWALLOW	WCAg/6686	EPA 365.3
F2202277010	W_WINTERBERRY_BRIDGE	WCAg/6686	EPA 365.3
F2202277011	E_WINTERBERRY_BRIDGE	WCAg/6686	EPA 365.3
F2202277012	MCILVAINE	WCAg/6686	EPA 365.3
F2202277013	HUMMINGBIRD	WCAg/6686	EPA 365.3
F2202277014	HOLLYHOCK	WCAg/6686	EPA 365.3
F2202277015	WINDMILL	WCAg/6686	EPA 365.3





**FINAL**

**Workorder: MARCO (F2202277)**

**QC Cross Reference**

Lab ID	Sample ID	Prep Batch	Prep Method
<b>WCAg/6693 - EPA 365.3</b>			
F2202277016	EQUIPMENT_BLANK	WCAg/6688	EPA 365.3
<b>WCAg/6718 - EPA 351.2</b>			
F2202277001	BARFIELD_BRIDGE	WCAg/6707	Copper Sulfate Digestion
F2202277002	OLDE_MARCO	WCAg/6707	Copper Sulfate Digestion
F2202277003	JH_PARK	WCAg/6707	Copper Sulfate Digestion
F2202277004	KENDALL	WCAg/6707	Copper Sulfate Digestion
<b>WCAg/6720 - EPA 351.2</b>			
F2202277005	COLLIER_BRIDGE	WCAg/6708	Copper Sulfate Digestion
F2202277006	LANDMARK	WCAg/6708	Copper Sulfate Digestion
F2202277007	LANDMARK_DUP	WCAg/6708	Copper Sulfate Digestion
F2202277008	HC_CENTER	WCAg/6708	Copper Sulfate Digestion
F2202277009	SWALLOW	WCAg/6708	Copper Sulfate Digestion
F2202277010	W_WINTERBERRY_BRIDGE	WCAg/6708	Copper Sulfate Digestion
F2202277011	E_WINTERBERRY_BRIDGE	WCAg/6708	Copper Sulfate Digestion
F2202277012	MCILVAINE	WCAg/6708	Copper Sulfate Digestion
F2202277013	HUMMINGBIRD	WCAg/6708	Copper Sulfate Digestion
F2202277014	HOLLYHOCK	WCAg/6708	Copper Sulfate Digestion
F2202277015	WINDMILL	WCAg/6708	Copper Sulfate Digestion
F2202277016	EQUIPMENT_BLANK	WCAg/6708	Copper Sulfate Digestion
<b>WCAI/12385 - SM 4500NO3-F (Low Level)</b>			
F2202277001	BARFIELD_BRIDGE		
F2202277002	OLDE_MARCO		
F2202277003	JH_PARK		
F2202277004	KENDALL		
F2202277005	COLLIER_BRIDGE		
F2202277006	LANDMARK		
F2202277007	LANDMARK_DUP		
F2202277008	HC_CENTER		
F2202277009	SWALLOW		
F2202277010	W_WINTERBERRY_BRIDGE		





FINAL

Workorder: MARCO (F2202277)

**QC Cross Reference**

Lab ID	Sample ID	Prep Batch	Prep Method
<b>WCA#12386 - SM 4500NO3-F (Low Level)</b>			
F2202277011	E_WINTERBERRY_BRIDGE		
F2202277012	MCILVAINE		
F2202277013	HUMMINGBIRD		
F2202277014	HOLLYHOCK		
F2202277015	WINDMILL		
F2202277016	EQUIPMENT_BLANK		





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Workorder: MARCO (F2202277)



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 Fort Myers: 13100 Westlinks Terrace, Ste. 10, Ft. 33913 - 239.674.8130 - Lab ID: E84492  
 Jacksonville: 6681 Southpark Hwy, Ft. 32216 - 904.363.9390 - Lab ID: E82574  
 Tallahassee: 2639 North Monroe St, Suite D, Ft. 32303 - 904.219.6274 - Lab ID: E811095

Gainesville: 4895 SW 41st Blvd, Ft. 32608 - 352.377.2349 - Lab ID: E82001  
 Miramar: 10200 USA Today Way, Ft. 33025 - 954.889.2288 - Lab ID: E82535  
 Tampa: 9610 Progress Palm Ave, Ft. 33619 - 813.630.9616 - Lab ID: E84589

Page 1 of 2

Client Name: City of Marco Island		Project Name: MARCO	
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:	
Phone: 239-300-1462		FDEP Facility No.:	
FAX:		FDEP Facility Addr.:	
Contact: Jason Tomasesetti		Special Instructions:	
Sampled By: P. Manard		ADAPT	
Turn Around Time: Standard X Rush		EQUIS	
AEL Profile #: 658884		Other	
SAMPLE ID		WIN	
SAMPLE DESCRIPTION		ANALYSIS REQUIRED	
Grab		NO2/NO3	
Grab		TKN/TP/TN	
Grab		Chlor-A/Turbidity	
Grab		Enterococci	
Grab		BOTTLE SIZE & TYPE	
Grab		250 mL Plastic	
Grab		250 mL Plastic	
Grab		1L Amb Plastic	
Grab		100 mL p	
Grab		LABORATORY I.D. NUMBER	
Grab		001	
Grab		002	
Grab		003	
Grab		004	
Grab		005	
Grab		006	
Grab		007	
Grab		008	
Grab		009	
Grab		010	



Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	5/23/22	12:33	<i>[Signature]</i>	5/23/22	12:33

Matrix Code: **WV** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Received on ice  Yes  No  Temp taken from sample  Temp from blank  Where required, pH checked

Device used for measuring Temp by unique identifier (circle R, temp gun used) **J: 9A G: LT-1 LIT-2 T: 10A A: 3A M: 3A S: 1N**

Temp. when received (observed) **25.2** °C Temp. when received (corrected) **25.2** °C

**FOR DRINKING WATER USE:**

Contact Person: \_\_\_\_\_ PWS ID: \_\_\_\_\_

Supplier of Water: \_\_\_\_\_

Site Address: \_\_\_\_\_





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FINAL

Workorder: MARCO (F2202277)



Advanced Environmental Laboratories, Inc.

Altamonte Springs, 380 Northlake Blvd., Ste. 1004, Ft. 32701 - 407.937.1594 - Lab ID: E83076  
 Fort Myers, 13100 Westlinks Terrace, Ste. 10, Ft. 33913 - 239.674.8130 - Lab ID: E84492  
 Jacksonville, 6581 Southpark Pkwy., Ft. 32216 - 904.383.9350 - Lab ID: E82574  
 Tallahassee, 2839 North Monroe St., Ste. D, Ft. 32303 - 902.219.8274 - Lab ID: E811035

Gainesville, 4855 SW 41st Blvd., Ft. 32609 - 352.377.2248 - Lab ID: E82001  
 Miramar, 10200 USA Today Way, Ft. 33025 - 954.889.2288 - Lab ID: E82535  
 Tampa, 6810 Progress Pkwy., Ft. 33619 - 813.830.9516 - Lab ID: E84589

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Client Name: City of Marco Island		Project Name: MARCO		BOTTLE SIZE & TYPE	
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:		250 mL Plastic	
Phone: 239-300-1462		PO Number:		250 mL Plastic	
FAX:		FDEP Facility No:		1L Amb Plastic	
Contact: Jason Tomasesetti		FDEP Facility Addr:		100 mL Cup	
Sampled By: P. Manard		Special Instructions:		LABORATORY I.D. NUMBER	
Turn Record Time: Standard X Rush		ADAPT			
AEL Profile #: 65884		EQUIS			
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	MATRIX	NO. COUNT
E_WINTERBERRY_BRIDGE	Grab	5/25/22	10:40	SW	4
MCILVAINE	Grab	10:51		SW	4
HUMMINGBIRD	Grab	11:04		SW	4
HOLLYHOCK	Grab	11:14		SW	4
WINDMILL	Grab	11:37		SW	4
EQUIPMENT_BLANK	Grab	11:45		SW	4
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge		Preservation Code: I = Ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)			
Received on ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Temp taken from sample <input type="checkbox"/> Temp from blank <input type="checkbox"/> Where required, pH checked		Temp. when received (observed) 25.2 °C Temp. when received (corrected) 25.2 °C			
DCN: AD-D051web Form last revised 08/07/2019		Device used for measuring Temp by unique identifier (Circle R if temp gun used) J. 9A G. LT-1 LT-2 T. 10A A. 3A M. 3A S. 1V			
Relinquished by:		Received by:			
1	5/25/22 12:33	5/25/22 12:34			
2					
3					
4					

**FOR DRINKING WATER USE:**  
 (When PWS information not otherwise supplied) PWS ID: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Supplier of Water: \_\_\_\_\_  
 Site Address: \_\_\_\_\_

