



Advanced Environmental Laboratories, Inc
13100 Westlinks Terrace, Unit 10 Ft. Myers FL 33913
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (239) 674-8130
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FINAL

Workorder: Marco (F2201324)

April 08, 2022

Jason Tomassetti
City of Marco Island
50 Bald Eagle Drive
Marco Island, FL 34145

RE: Workorder: F2201324 Marco

Dear Jason Tomassetti:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday March 24, 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

Certificate of Analysis

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Workorder: Marco (F2201324)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
F2201324001	BARFIELD_BRIDGE	WA	Calculation	03/24/2022 07:20	03/24/2022 12:36	1
F2201324001	BARFIELD_BRIDGE	WA	DISRES	03/24/2022 07:20	03/24/2022 12:36	3
F2201324001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 07:20	03/24/2022 12:36	1
F2201324001	BARFIELD_BRIDGE	WA	EPA 180.1	03/24/2022 07:20	03/24/2022 12:36	1
F2201324001	BARFIELD_BRIDGE	WA	EPA 351.2	03/24/2022 07:20	03/24/2022 12:36	1
F2201324001	BARFIELD_BRIDGE	WA	EPA 365.3	03/24/2022 07:20	03/24/2022 12:36	1
F2201324001	BARFIELD_BRIDGE	WA	Field Measurements	03/24/2022 07:20	03/24/2022 12:36	6
F2201324001	BARFIELD_BRIDGE	WA	SM 10200 H	03/24/2022 07:20	03/24/2022 12:36	2
F2201324001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/24/2022 07:20	03/24/2022 12:36	3
F2201324002	OLDE_MARCO	WA	Calculation	03/24/2022 07:39	03/24/2022 12:36	1
F2201324002	OLDE_MARCO	WA	DISRES	03/24/2022 07:39	03/24/2022 12:36	3
F2201324002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 07:39	03/24/2022 12:36	1
F2201324002	OLDE_MARCO	WA	EPA 180.1	03/24/2022 07:39	03/24/2022 12:36	1
F2201324002	OLDE_MARCO	WA	EPA 351.2	03/24/2022 07:39	03/24/2022 12:36	1
F2201324002	OLDE_MARCO	WA	EPA 365.3	03/24/2022 07:39	03/24/2022 12:36	1
F2201324002	OLDE_MARCO	WA	Field Measurements	03/24/2022 07:39	03/24/2022 12:36	6
F2201324002	OLDE_MARCO	WA	SM 10200 H	03/24/2022 07:39	03/24/2022 12:36	2
F2201324002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	03/24/2022 07:39	03/24/2022 12:36	3
F2201324003	JH_PARK	WA	Calculation	03/24/2022 07:53	03/24/2022 12:36	1
F2201324003	JH_PARK	WA	DISRES	03/24/2022 07:53	03/24/2022 12:36	3
F2201324003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 07:53	03/24/2022 12:36	1
F2201324003	JH_PARK	WA	EPA 180.1	03/24/2022 07:53	03/24/2022 12:36	1
F2201324003	JH_PARK	WA	EPA 351.2	03/24/2022 07:53	03/24/2022 12:36	1
F2201324003	JH_PARK	WA	EPA 365.3	03/24/2022 07:53	03/24/2022 12:36	1
F2201324003	JH_PARK	WA	Field Measurements	03/24/2022 07:53	03/24/2022 12:36	6
F2201324003	JH_PARK	WA	SM 10200 H	03/24/2022 07:53	03/24/2022 12:36	2
F2201324003	JH_PARK	WA	SM 4500NO3-F (Low Level)	03/24/2022 07:53	03/24/2022 12:36	3
F2201324004	KENDALL	WA	Calculation	03/24/2022 08:04	03/24/2022 12:36	1
F2201324004	KENDALL	WA	DISRES	03/24/2022 08:04	03/24/2022 12:36	3
F2201324004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 08:04	03/24/2022 12:36	1
F2201324004	KENDALL	WA	EPA 180.1	03/24/2022 08:04	03/24/2022 12:36	1
F2201324004	KENDALL	WA	EPA 351.2	03/24/2022 08:04	03/24/2022 12:36	1
F2201324004	KENDALL	WA	EPA 365.3	03/24/2022 08:04	03/24/2022 12:36	1
F2201324004	KENDALL	WA	Field Measurements	03/24/2022 08:04	03/24/2022 12:36	6
F2201324004	KENDALL	WA	SM 10200 H	03/24/2022 08:04	03/24/2022 12:36	2





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Workorder: Marco (F2201324)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
F2201324004	KENDALL	WA	SM 4500NO3-F (Low Level)	03/24/2022 08:04	03/24/2022 12:36	3
F2201324005	COLLIER_BRIDGE	WA	Calculation	03/24/2022 08:15	03/24/2022 12:36	1
F2201324005	COLLIER_BRIDGE	WA	DISRES	03/24/2022 08:15	03/24/2022 12:36	3
F2201324005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 08:15	03/24/2022 12:36	1
F2201324005	COLLIER_BRIDGE	WA	EPA 180.1	03/24/2022 08:15	03/24/2022 12:36	1
F2201324005	COLLIER_BRIDGE	WA	EPA 351.2	03/24/2022 08:15	03/24/2022 12:36	1
F2201324005	COLLIER_BRIDGE	WA	EPA 365.3	03/24/2022 08:15	03/24/2022 12:36	1
F2201324005	COLLIER_BRIDGE	WA	Field Measurements	03/24/2022 08:15	03/24/2022 12:36	6
F2201324005	COLLIER_BRIDGE	WA	SM 10200 H	03/24/2022 08:15	03/24/2022 12:36	2
F2201324005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/24/2022 08:15	03/24/2022 12:36	3
F2201324006	LANDMARK	WA	Calculation	03/24/2022 08:26	03/24/2022 12:36	1
F2201324006	LANDMARK	WA	DISRES	03/24/2022 08:26	03/24/2022 12:36	3
F2201324006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 08:26	03/24/2022 12:36	1
F2201324006	LANDMARK	WA	EPA 180.1	03/24/2022 08:26	03/24/2022 12:36	1
F2201324006	LANDMARK	WA	EPA 351.2	03/24/2022 08:26	03/24/2022 12:36	1
F2201324006	LANDMARK	WA	EPA 365.3	03/24/2022 08:26	03/24/2022 12:36	1
F2201324006	LANDMARK	WA	Field Measurements	03/24/2022 08:26	03/24/2022 12:36	6
F2201324006	LANDMARK	WA	SM 10200 H	03/24/2022 08:26	03/24/2022 12:36	2
F2201324006	LANDMARK	WA	SM 4500NO3-F (Low Level)	03/24/2022 08:26	03/24/2022 12:36	3
F2201324007	LANDMARK_DUP	WA	Calculation	03/24/2022 08:32	03/24/2022 12:36	1
F2201324007	LANDMARK_DUP	WA	DISRES	03/24/2022 08:32	03/24/2022 12:36	3
F2201324007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 08:32	03/24/2022 12:36	1
F2201324007	LANDMARK_DUP	WA	EPA 180.1	03/24/2022 08:32	03/24/2022 12:36	1
F2201324007	LANDMARK_DUP	WA	EPA 351.2	03/24/2022 08:32	03/24/2022 12:36	1
F2201324007	LANDMARK_DUP	WA	EPA 365.3	03/24/2022 08:32	03/24/2022 12:36	1
F2201324007	LANDMARK_DUP	WA	Field Measurements	03/24/2022 08:32	03/24/2022 12:36	6
F2201324007	LANDMARK_DUP	WA	SM 10200 H	03/24/2022 08:32	03/24/2022 12:36	2
F2201324007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	03/24/2022 08:32	03/24/2022 12:36	3
F2201324008	HC_CENTER	WA	Calculation	03/24/2022 08:45	03/24/2022 12:36	1
F2201324008	HC_CENTER	WA	DISRES	03/24/2022 08:45	03/24/2022 12:36	3
F2201324008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 08:45	03/24/2022 12:36	1
F2201324008	HC_CENTER	WA	EPA 180.1	03/24/2022 08:45	03/24/2022 12:36	1
F2201324008	HC_CENTER	WA	EPA 351.2	03/24/2022 08:45	03/24/2022 12:36	1
F2201324008	HC_CENTER	WA	EPA 365.3	03/24/2022 08:45	03/24/2022 12:36	1
F2201324008	HC_CENTER	WA	Field Measurements	03/24/2022 08:45	03/24/2022 12:36	6





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Workorder: Marco (F2201324)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
F2201324008	HC_CENTER	WA	SM 10200 H	03/24/2022 08:45	03/24/2022 12:36	2
F2201324008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	03/24/2022 08:45	03/24/2022 12:36	3
F2201324009	SWALLOW	WA	Calculation	03/24/2022 09:00	03/24/2022 12:36	1
F2201324009	SWALLOW	WA	DISRES	03/24/2022 09:00	03/24/2022 12:36	3
F2201324009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 09:00	03/24/2022 12:36	1
F2201324009	SWALLOW	WA	EPA 180.1	03/24/2022 09:00	03/24/2022 12:36	1
F2201324009	SWALLOW	WA	EPA 351.2	03/24/2022 09:00	03/24/2022 12:36	1
F2201324009	SWALLOW	WA	EPA 365.3	03/24/2022 09:00	03/24/2022 12:36	1
F2201324009	SWALLOW	WA	Field Measurements	03/24/2022 09:00	03/24/2022 12:36	6
F2201324009	SWALLOW	WA	SM 10200 H	03/24/2022 09:00	03/24/2022 12:36	2
F2201324009	SWALLOW	WA	SM 4500NO3-F (Low Level)	03/24/2022 09:00	03/24/2022 12:36	3
F2201324010	W_WINTERBERRY_BRIDGE	WA	Calculation	03/24/2022 09:20	03/24/2022 12:36	1
F2201324010	W_WINTERBERRY_BRIDGE	WA	DISRES	03/24/2022 09:20	03/24/2022 12:36	3
F2201324010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 09:20	03/24/2022 12:36	1
F2201324010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	03/24/2022 09:20	03/24/2022 12:36	1
F2201324010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	03/24/2022 09:20	03/24/2022 12:36	1
F2201324010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	03/24/2022 09:20	03/24/2022 12:36	1
F2201324010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	03/24/2022 09:20	03/24/2022 12:36	6
F2201324010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	03/24/2022 09:20	03/24/2022 12:36	2
F2201324010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/24/2022 09:20	03/24/2022 12:36	3
F2201324011	E_WINTERBERRY_BRIDGE	WA	Calculation	03/24/2022 09:30	03/24/2022 12:36	1
F2201324011	E_WINTERBERRY_BRIDGE	WA	DISRES	03/24/2022 09:30	03/24/2022 12:36	3
F2201324011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 09:30	03/24/2022 12:36	1
F2201324011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	03/24/2022 09:30	03/24/2022 12:36	1
F2201324011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	03/24/2022 09:30	03/24/2022 12:36	1
F2201324011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	03/24/2022 09:30	03/24/2022 12:36	1
F2201324011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	03/24/2022 09:30	03/24/2022 12:36	6
F2201324011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	03/24/2022 09:30	03/24/2022 12:36	2
F2201324011	E_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/24/2022 09:30	03/24/2022 12:36	3
F2201324012	MCILVAINE	WA	Calculation	03/24/2022 09:52	03/24/2022 12:36	1
F2201324012	MCILVAINE	WA	DISRES	03/24/2022 09:52	03/24/2022 12:36	3
F2201324012	MCILVAINE	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 09:52	03/24/2022 12:36	1





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Workorder: Marco (F2201324)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
F2201324012	MCILVAINE	WA	EPA 180.1	03/24/2022 09:52	03/24/2022 12:36	1
F2201324012	MCILVAINE	WA	EPA 351.2	03/24/2022 09:52	03/24/2022 12:36	1
F2201324012	MCILVAINE	WA	EPA 365.3	03/24/2022 09:52	03/24/2022 12:36	1
F2201324012	MCILVAINE	WA	Field Measurements	03/24/2022 09:52	03/24/2022 12:36	6
F2201324012	MCILVAINE	WA	SM 10200 H	03/24/2022 09:52	03/24/2022 12:36	2
F2201324012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	03/24/2022 09:52	03/24/2022 12:36	3
F2201324013	HUMMINGBIRD	WA	Calculation	03/24/2022 10:05	03/24/2022 12:36	1
F2201324013	HUMMINGBIRD	WA	DISRES	03/24/2022 10:05	03/24/2022 12:36	3
F2201324013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 10:05	03/24/2022 12:36	1
F2201324013	HUMMINGBIRD	WA	EPA 180.1	03/24/2022 10:05	03/24/2022 12:36	1
F2201324013	HUMMINGBIRD	WA	EPA 351.2	03/24/2022 10:05	03/24/2022 12:36	1
F2201324013	HUMMINGBIRD	WA	EPA 365.3	03/24/2022 10:05	03/24/2022 12:36	1
F2201324013	HUMMINGBIRD	WA	Field Measurements	03/24/2022 10:05	03/24/2022 12:36	6
F2201324013	HUMMINGBIRD	WA	SM 10200 H	03/24/2022 10:05	03/24/2022 12:36	2
F2201324013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	03/24/2022 10:05	03/24/2022 12:36	3
F2201324014	HOLLYHOCK	WA	Calculation	03/24/2022 10:17	03/24/2022 12:36	1
F2201324014	HOLLYHOCK	WA	DISRES	03/24/2022 10:17	03/24/2022 12:36	3
F2201324014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 10:17	03/24/2022 12:36	1
F2201324014	HOLLYHOCK	WA	EPA 180.1	03/24/2022 10:17	03/24/2022 12:36	1
F2201324014	HOLLYHOCK	WA	EPA 351.2	03/24/2022 10:17	03/24/2022 12:36	1
F2201324014	HOLLYHOCK	WA	EPA 365.3	03/24/2022 10:17	03/24/2022 12:36	1
F2201324014	HOLLYHOCK	WA	Field Measurements	03/24/2022 10:17	03/24/2022 12:36	6
F2201324014	HOLLYHOCK	WA	SM 10200 H	03/24/2022 10:17	03/24/2022 12:36	2
F2201324014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	03/24/2022 10:17	03/24/2022 12:36	3
F2201324015	WINDMILL	WA	Calculation	03/24/2022 10:33	03/24/2022 12:36	1
F2201324015	WINDMILL	WA	DISRES	03/24/2022 10:33	03/24/2022 12:36	3
F2201324015	WINDMILL	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 10:33	03/24/2022 12:36	1
F2201324015	WINDMILL	WA	EPA 180.1	03/24/2022 10:33	03/24/2022 12:36	1
F2201324015	WINDMILL	WA	EPA 351.2	03/24/2022 10:33	03/24/2022 12:36	1
F2201324015	WINDMILL	WA	EPA 365.3	03/24/2022 10:33	03/24/2022 12:36	1
F2201324015	WINDMILL	WA	Field Measurements	03/24/2022 10:33	03/24/2022 12:36	6
F2201324015	WINDMILL	WA	SM 10200 H	03/24/2022 10:33	03/24/2022 12:36	2
F2201324015	WINDMILL	WA	SM 4500NO3-F (Low Level)	03/24/2022 10:33	03/24/2022 12:36	3
F2201324016	EQUIPMENT_BLANK	WA	Calculation	03/24/2022 10:40	03/24/2022 12:36	1
F2201324016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	03/24/2022 10:40	03/24/2022 12:36	1





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Workorder: Marco (F2201324)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
F2201324016	EQUIPMENT_BLANK	WA	EPA 180.1	03/24/2022 10:40	03/24/2022 12:36	1
F2201324016	EQUIPMENT_BLANK	WA	EPA 351.2	03/24/2022 10:40	03/24/2022 12:36	1
F2201324016	EQUIPMENT_BLANK	WA	EPA 365.3	03/24/2022 10:40	03/24/2022 12:36	1
F2201324016	EQUIPMENT_BLANK	WA	SM 10200 H	03/24/2022 10:40	03/24/2022 12:36	2
F2201324016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	03/24/2022 10:40	03/24/2022 12:36	3

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Workorder: Marco (F2201324)

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.
- J4 Estimated Result

Lab Qualifiers

- F DOH Certification #E84492 (FL NELAC) AEL-Ft. Myers
- F^ Not Certified
- G DOH Certification #E82001 (FL NELAC) AEL-Gainesville
- T DOH Certification #E84589 (FL NELAC) AEL-Tampa

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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324001 **Date Collected:** 03/24/2022 07:20 **Matrix:** Water
Sample ID: BARFIELD_BRIDGE **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:07	04/06/2022 10:07	X
Secchi Disc	1	meters			1	04/06/2022 10:07	04/06/2022 10:07	X
Total Depth	2.5	meters			1	04/06/2022 10:05	04/06/2022 10:05	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	55133	umhos/cm			1	04/06/2022 10:08	04/06/2022 10:08	F
DO Saturation %	79.5	%			1	04/06/2022 10:08	04/06/2022 10:08	F
Dissolved Oxygen	5.28	mg/L			1	04/06/2022 10:08	04/06/2022 10:08	F
Salinity	36.51	ppt			1	04/06/2022 10:08	04/06/2022 10:08	F
Temperature	25.8	°C			1	04/06/2022 10:08	04/06/2022 10:08	F
pH	7.92	SU			1	04/06/2022 10:08	04/06/2022 10:08	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.303	mg/L	0.2	0.12	1	04/07/2022 15:35	04/07/2022 15:35	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.303 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:23	03/25/2022 07:23	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:23	03/25/2022 07:23	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:23	03/25/2022 07:23	T





Advanced Environmental Laboratories, Inc
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Workorder: Marco (F2201324)

Analytical Results

Analysis Results Comments

Corrected Chlorophyll A

Samples F2201324001-16 filtered on 3/25/2022 at 15:03

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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324002 **Date Collected:** 03/24/2022 07:39 **Matrix:** Water
Sample ID: OLDE_MARCO **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:11	04/06/2022 10:11	X
Secchi Disc	0.5	meters			1	04/06/2022 10:11	04/06/2022 10:11	X
Total Depth	1.5	meters			1	04/06/2022 10:10	04/06/2022 10:10	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	55107	umhos/cm			1	04/06/2022 10:12	04/06/2022 10:12	F
DO Saturation %	73.6	%			1	04/06/2022 10:12	04/06/2022 10:12	F
Dissolved Oxygen	4.88	mg/L			1	04/06/2022 10:12	04/06/2022 10:12	F
Salinity	36.5	ppt			1	04/06/2022 10:12	04/06/2022 10:12	F
Temperature	25.7	°C			1	04/06/2022 10:12	04/06/2022 10:12	F
pH	8	SU			1	04/06/2022 10:12	04/06/2022 10:12	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.288	mg/L	0.2	0.12	1	04/07/2022 15:36	04/07/2022 15:36	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.288 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.034	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:24	03/25/2022 07:24	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:24	03/25/2022 07:24	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:24	03/25/2022 07:24	T





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Workorder: Marco (F2201324)

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Analytical Results

Lab ID: F2201324003 **Date Collected:** 03/24/2022 07:53 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:14	04/06/2022 10:14	X
Secchi Disc	1	meters			1	04/06/2022 10:14	04/06/2022 10:14	X
Total Depth	3	meters			1	04/06/2022 10:13	04/06/2022 10:13	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54765	umhos/cm			1	04/06/2022 10:16	04/06/2022 10:16	F
DO Saturation %	70.2	%			1	04/06/2022 10:16	04/06/2022 10:16	F
Dissolved Oxygen	4.65	mg/L			1	04/06/2022 10:16	04/06/2022 10:16	F
Salinity	36.23	ppt			1	04/06/2022 10:16	04/06/2022 10:16	F
Temperature	26.1	°C			1	04/06/2022 10:16	04/06/2022 10:16	F
pH	7.93	SU			1	04/06/2022 10:16	04/06/2022 10:16	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.367	mg/L	0.2	0.12	1	04/07/2022 15:36	04/07/2022 15:36	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.367 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.01 I	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:24	03/25/2022 07:24	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:24	03/25/2022 07:24	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:24	03/25/2022 07:24	T





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Lab ID: F2201324004 **Date Collected:** 03/24/2022 08:04 **Matrix:** Water
Sample ID: KENDALL **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:23	04/06/2022 10:23	X
Secchi Disc	1	meters			1	04/06/2022 10:24	04/06/2022 10:24	X
Total Depth	1.5	meters			1	04/06/2022 10:23	04/06/2022 10:23	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54625	umhos/cm			1	04/06/2022 10:24	04/06/2022 10:24	F
DO Saturation %	73.6	%			1	04/06/2022 10:24	04/06/2022 10:24	F
Dissolved Oxygen	4.84	mg/L			1	04/06/2022 10:24	04/06/2022 10:24	F
Salinity	36.13	ppt			1	04/06/2022 10:24	04/06/2022 10:24	F
Temperature	26.1	°C			1	04/06/2022 10:24	04/06/2022 10:24	F
pH	7.92	SU			1	04/06/2022 10:24	04/06/2022 10:24	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	31	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.361	mg/L	0.2	0.12	1	04/07/2022 15:36	04/07/2022 15:36	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.361 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.026	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:25	03/25/2022 07:25	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:25	03/25/2022 07:25	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:25	03/25/2022 07:25	T





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Lab ID: F2201324005 **Date Collected:** 03/24/2022 08:15 **Matrix:** Water
Sample ID: COLLIER_BRIDGE **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:27	04/06/2022 10:27	X
Secchi Disc	1	meters			1	04/06/2022 10:28	04/06/2022 10:28	X
Total Depth	2.5	meters			1	04/06/2022 10:27	04/06/2022 10:27	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54201	umhos/cm			1	04/06/2022 10:29	04/06/2022 10:29	F
DO Saturation %	59.7	%			1	04/06/2022 10:29	04/06/2022 10:29	F
Dissolved Oxygen	3.96	mg/L			1	04/06/2022 10:29	04/06/2022 10:29	F
Salinity	35.8	ppt			1	04/06/2022 10:29	04/06/2022 10:29	F
Temperature	26.2	°C			1	04/06/2022 10:29	04/06/2022 10:29	F
pH	7.86	SU			1	04/06/2022 10:29	04/06/2022 10:29	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	31	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.304	mg/L	0.2	0.12	1	04/07/2022 15:36	04/07/2022 15:36	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.304 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.023	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:26	03/25/2022 07:26	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:26	03/25/2022 07:26	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:26	03/25/2022 07:26	T





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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324006 **Date Collected:** 03/24/2022 08:26 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:33	04/06/2022 10:33	X
Secchi Disc	2	meters			1	04/06/2022 10:33	04/06/2022 10:33	X
Total Depth	2	meters			1	04/06/2022 10:32	04/06/2022 10:32	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54383	umhos/cm			1	04/06/2022 10:34	04/06/2022 10:34	F
DO Saturation %	80.4	%			1	04/06/2022 10:34	04/06/2022 10:34	F
Dissolved Oxygen	5.3	mg/L			1	04/06/2022 10:34	04/06/2022 10:34	F
Salinity	35.94	ppt			1	04/06/2022 10:34	04/06/2022 10:34	F
Temperature	26.3	°C			1	04/06/2022 10:34	04/06/2022 10:34	F
pH	7.97	SU			1	04/06/2022 10:34	04/06/2022 10:34	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.494	mg/L	0.2	0.12	1	04/07/2022 15:37	04/07/2022 15:37	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.494 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.020	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:27	03/25/2022 07:27	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:27	03/25/2022 07:27	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:27	03/25/2022 07:27	T





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Workorder: Marco (F2201324)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324007 **Date Collected:** 03/24/2022 08:32 **Matrix:** Water
Sample ID: LANDMARK_DUP **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:35	04/06/2022 10:35	X
Secchi Disc	2	meters			1	04/06/2022 10:36	04/06/2022 10:36	X
Total Depth	2	meters			1	04/06/2022 10:35	04/06/2022 10:35	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54377	umhos/cm			1	04/06/2022 10:36	04/06/2022 10:36	F
DO Saturation %	79	%			1	04/06/2022 10:36	04/06/2022 10:36	F
Dissolved Oxygen	5.33	mg/L			1	04/06/2022 10:36	04/06/2022 10:36	F
Salinity	35.94	ppt			1	04/06/2022 10:36	04/06/2022 10:36	F
Temperature	26.3	°C			1	04/06/2022 10:36	04/06/2022 10:36	F
pH	7.98	SU			1	04/06/2022 10:36	04/06/2022 10:36	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.355	mg/L	0.2	0.12	1	04/07/2022 15:37	04/07/2022 15:37	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.355 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.028	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:27	03/25/2022 07:27	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:27	03/25/2022 07:27	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:27	03/25/2022 07:27	T





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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324008 **Date Collected:** 03/24/2022 08:45 **Matrix:** Water
Sample ID: HC_CENTER **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:41	04/06/2022 10:41	X
Secchi Disc	1.5	meters			1	04/06/2022 10:41	04/06/2022 10:41	X
Total Depth	1.5	meters			1	04/06/2022 10:40	04/06/2022 10:40	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54268	umhos/cm			1	04/06/2022 10:42	04/06/2022 10:42	F
DO Saturation %	54.4	%			1	04/06/2022 10:42	04/06/2022 10:42	F
Dissolved Oxygen	3.58	mg/L			1	04/06/2022 10:42	04/06/2022 10:42	F
Salinity	35.87	ppt			1	04/06/2022 10:42	04/06/2022 10:42	F
Temperature	26.3	°C			1	04/06/2022 10:42	04/06/2022 10:42	F
pH	7.86	SU			1	04/06/2022 10:42	04/06/2022 10:42	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.372	mg/L	0.2	0.12	1	04/07/2022 15:37	04/07/2022 15:37	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.372 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.007 I	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:28	03/25/2022 07:28	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:28	03/25/2022 07:28	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:28	03/25/2022 07:28	T





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Lab ID: F2201324009 **Date Collected:** 03/24/2022 09:00 **Matrix:** Water
Sample ID: SWALLOW **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:46	04/06/2022 10:46	X
Secchi Disc	1.5	meters			1	04/06/2022 10:47	04/06/2022 10:47	X
Total Depth	2	meters			1	04/06/2022 10:46	04/06/2022 10:46	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54556	umhos/cm			1	04/06/2022 10:47	04/06/2022 10:47	F
DO Saturation %	81.8	%			1	04/06/2022 10:47	04/06/2022 10:47	F
Dissolved Oxygen	5.35	mg/L			1	04/06/2022 10:47	04/06/2022 10:47	F
Salinity	36.08	ppt			1	04/06/2022 10:47	04/06/2022 10:47	F
Temperature	26	°C			1	04/06/2022 10:47	04/06/2022 10:47	F
pH	7.96	SU			1	04/06/2022 10:47	04/06/2022 10:47	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.380	mg/L	0.2	0.12	1	04/07/2022 15:37	04/07/2022 15:37	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.346 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.9	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.020	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:29	03/25/2022 07:29	T
Nitrate + Nitrite	0.03	mg/L	0.02	0.010	1	03/25/2022 07:29	03/25/2022 07:29	T
Nitrite (as N)	0.03	mg/L	0.01	0.0080	1	03/25/2022 07:29	03/25/2022 07:29	T





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Workorder: Marco (F2201324)

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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324010 **Date Collected:** 03/24/2022 09:20 **Matrix:** Water
Sample ID: W_WINTERBERRY_BRID **Date Received:** 03/24/2022 12:36
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 10:53	04/06/2022 10:53	X
Secchi Disc	1	meters			1	04/06/2022 10:53	04/06/2022 10:53	X
Total Depth	2.5	meters			1	04/06/2022 10:52	04/06/2022 10:52	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	55002	umhos/cm			1	04/06/2022 10:53	04/06/2022 10:53	F
DO Saturation %	70.2	%			1	04/06/2022 10:53	04/06/2022 10:53	F
Dissolved Oxygen	4.62	mg/L			1	04/06/2022 10:53	04/06/2022 10:53	F
Salinity	36.41	ppt			1	04/06/2022 10:53	04/06/2022 10:53	F
Temperature	26	°C			1	04/06/2022 10:53	04/06/2022 10:53	F
pH	7.95	SU			1	04/06/2022 10:53	04/06/2022 10:53	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.330	mg/L	0.2	0.12	1	04/07/2022 15:37	04/07/2022 15:37	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.330 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.01 I	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:36	03/25/2022 07:36	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:36	03/25/2022 07:36	T
Nitrite (as N)	0.008 I	mg/L	0.01	0.0080	1	03/25/2022 07:36	03/25/2022 07:36	T





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Lab ID: F2201324011 **Date Collected:** 03/24/2022 09:30 **Matrix:** Water
Sample ID: E_WINTERBERRY_BRID **Date Received:** 03/24/2022 12:36
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 11:20	04/06/2022 11:20	X
Secchi Disc	1	meters			1	04/06/2022 11:21	04/06/2022 11:21	X
Total Depth	2	meters			1	04/06/2022 11:20	04/06/2022 11:20	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54785	umhos/cm			1	04/06/2022 11:21	04/06/2022 11:21	F
DO Saturation %	82.6	%			1	04/06/2022 11:21	04/06/2022 11:21	F
Dissolved Oxygen	5.46	mg/L			1	04/06/2022 11:21	04/06/2022 11:21	F
Salinity	36.25	ppt			1	04/06/2022 11:21	04/06/2022 11:21	F
Temperature	26.2	°C			1	04/06/2022 11:21	04/06/2022 11:21	F
pH	7.97	SU			1	04/06/2022 11:21	04/06/2022 11:21	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.322	mg/L	0.2	0.12	1	04/07/2022 15:38	04/07/2022 15:38	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.322 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.020	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:38	03/25/2022 07:38	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:38	03/25/2022 07:38	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:38	03/25/2022 07:38	T





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Lab ID: F2201324012 **Date Collected:** 03/24/2022 09:52 **Matrix:** Water
Sample ID: MCILVAINE **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 11:25	04/06/2022 11:25	X
Secchi Disc	0.5	meters			1	04/06/2022 11:25	04/06/2022 11:25	X
Total Depth	2	meters			1	04/06/2022 11:24	04/06/2022 11:24	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	55365	umhos/cm			1	04/06/2022 11:26	04/06/2022 11:26	F
DO Saturation %	82.2	%			1	04/06/2022 11:26	04/06/2022 11:26	F
Dissolved Oxygen	5.42	mg/L			1	04/06/2022 11:26	04/06/2022 11:26	F
Salinity	36.68	ppt			1	04/06/2022 11:26	04/06/2022 11:26	F
Temperature	25.8	°C			1	04/06/2022 11:26	04/06/2022 11:26	F
pH	8.01	SU			1	04/06/2022 11:26	04/06/2022 11:26	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.362	mg/L	0.2	0.12	1	04/07/2022 15:38	04/07/2022 15:38	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.362 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	8	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.01 I	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:39	03/25/2022 07:39	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:39	03/25/2022 07:39	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:39	03/25/2022 07:39	T





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Lab ID: F2201324013 **Date Collected:** 03/24/2022 10:05 **Matrix:** Water
Sample ID: HUMMINGBIRD **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 11:28	04/06/2022 11:28	X
Secchi Disc	1	meters			1	04/06/2022 11:29	04/06/2022 11:29	X
Total Depth	1.5	meters			1	04/06/2022 11:28	04/06/2022 11:28	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54589	umhos/cm			1	04/06/2022 11:54	04/06/2022 11:54	F
DO Saturation %	76.4	%			1	04/06/2022 11:54	04/06/2022 11:54	F
Dissolved Oxygen	4.97	mg/L			1	04/06/2022 11:54	04/06/2022 11:54	F
Salinity	36.09	ppt			1	04/06/2022 11:54	04/06/2022 11:54	F
Temperature	26.5	°C			1	04/06/2022 11:54	04/06/2022 11:54	F
pH	7.93	SU			1	04/06/2022 11:54	04/06/2022 11:54	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.405	mg/L	0.2	0.12	1	04/07/2022 15:38	04/07/2022 15:38	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.405 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 10:23	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.007 I	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:39	03/25/2022 07:39	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:39	03/25/2022 07:39	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	03/25/2022 07:39	03/25/2022 07:39	T





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Analytical Results

Lab ID: F2201324014 **Date Collected:** 03/24/2022 10:17 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 11:56	04/06/2022 11:56	X
Secchi Disc	1	meters			1	04/06/2022 11:56	04/06/2022 11:56	X
Total Depth	1.5	meters			1	04/06/2022 11:56	04/06/2022 11:56	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	55418	umhos/cm			1	04/06/2022 11:57	04/06/2022 11:57	F
DO Saturation %	62.6	%			1	04/06/2022 11:57	04/06/2022 11:57	F
Dissolved Oxygen	4.09	mg/L			1	04/06/2022 11:57	04/06/2022 11:57	F
Salinity	36.71	ppt			1	04/06/2022 11:57	04/06/2022 11:57	F
Temperature	26.6	°C			1	04/06/2022 11:57	04/06/2022 11:57	F
pH	7.87	SU			1	04/06/2022 11:57	04/06/2022 11:57	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.520	mg/L	0.2	0.12	1	04/07/2022 15:38	04/07/2022 15:38	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.520	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 13:04	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.026	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:40	03/25/2022 07:40	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:40	03/25/2022 07:40	T
Nitrite (as N)	0.008 I	mg/L	0.01	0.0080	1	03/25/2022 07:40	03/25/2022 07:40	T





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Workorder: Marco (F2201324)

Analytical Results

Lab ID: F2201324015 **Date Collected:** 03/24/2022 10:33 **Matrix:** Water
Sample ID: WINDMILL **Date Received:** 03/24/2022 12:36

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/06/2022 12:01	04/06/2022 12:01	X
Secchi Disc	1	meters			1	04/06/2022 12:01	04/06/2022 12:01	X
Total Depth	2.5	meters			1	04/06/2022 12:01	04/06/2022 12:01	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	54958	umhos/cm			1	04/06/2022 12:02	04/06/2022 12:02	F
DO Saturation %	78.3	%			1	04/06/2022 12:02	04/06/2022 12:02	F
Dissolved Oxygen	5.15	mg/L			1	04/06/2022 12:02	04/06/2022 12:02	F
Salinity	36.37	ppt			1	04/06/2022 12:02	04/06/2022 12:02	F
Temperature	26.3	°C			1	04/06/2022 12:02	04/06/2022 12:02	F
pH	7.95	SU			1	04/06/2022 12:02	04/06/2022 12:02	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.593	mg/L	0.2	0.12	1	04/07/2022 15:39	04/07/2022 15:39	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.593	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 13:04	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.020	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:41	03/25/2022 07:41	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:41	03/25/2022 07:41	T
Nitrite (as N)	0.01	mg/L	0.01	0.0080	1	03/25/2022 07:41	03/25/2022 07:41	T





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Workorder: Marco (F2201324)

Analytical Results

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FINAL

Workorder: Marco (F2201324)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2201324016 Date Collected: 03/24/2022 10:40 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 03/24/2022 12:36								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1 U	MPN/100 mL	1	1	1	03/24/2022 15:06	03/24/2022 15:06	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.320	mg/L	0.2	0.12	1	04/07/2022 15:39	04/07/2022 15:39	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.320 I	mg/L	0.5	0.20	1	04/04/2022 15:58	04/05/2022 13:04	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.10 U	NTU	0.1	0.10	1	03/25/2022 12:10	03/25/2022 12:10	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	1	03/31/2022 09:10	04/01/2022 09:10	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	03/28/2022 13:00	03/28/2022 13:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	03/25/2022 07:42	03/25/2022 07:42	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	03/25/2022 07:42	03/25/2022 07:42	T
Nitrite (as N)	0.02	mg/L	0.01	0.0080	1	03/25/2022 07:42	03/25/2022 07:42	T





Advanced Environmental Laboratories, Inc
 13100 Westlinks Terrace, Unit 10 Ft. Myers FL 33913
 Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
 Phone: (239) 674-8130
 Fax: (239) 674-8128

FINAL

Workorder: Marco (F2201324)

QC Results

QC Batch: WCAg/6021 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2201324001, F2201324002, F2201324003, F2201324004, F2201324005, F2201324006, F2201324007, F2201324008, F2201324009, F2201324010, F2201324011, F2201324012, F2201324013

Method Blank(4264738)

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





FINAL

Workorder: Marco (F2201324)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/1676 - ENTEROLERT/ QUANTI-TRAY			
F2201324001	BARFIELD_BRIDGE		
F2201324002	OLDE_MARCO		
F2201324003	JH_PARK		
F2201324004	KENDALL		
F2201324005	COLLIER_BRIDGE		
F2201324006	LANDMARK		
F2201324007	LANDMARK_DUP		
F2201324008	HC_CENTER		
F2201324009	SWALLOW		
F2201324010	W_WINTERBERRY_BRIDGE		
F2201324011	E_WINTERBERRY_BRIDGE		
F2201324012	MCILVAINE		
F2201324013	HUMMINGBIRD		
F2201324014	HOLLYHOCK		
F2201324015	WINDMILL		
F2201324016	EQUIPMENT_BLANK		
WCAf/2067 - EPA 180.1			
F2201324001	BARFIELD_BRIDGE		
F2201324002	OLDE_MARCO		
F2201324003	JH_PARK		
F2201324004	KENDALL		
F2201324005	COLLIER_BRIDGE		
F2201324006	LANDMARK		
F2201324007	LANDMARK_DUP		
F2201324008	HC_CENTER		
F2201324009	SWALLOW		
F2201324010	W_WINTERBERRY_BRIDGE		
F2201324011	E_WINTERBERRY_BRIDGE		
F2201324012	MCILVAINE		
F2201324013	HUMMINGBIRD		
F2201324014	HOLLYHOCK		
F2201324015	WINDMILL		
F2201324016	EQUIPMENT_BLANK		





FINAL

Workorder: Marco (F2201324)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/5928 - SM 10200 H			
F2201324001	BARFIELD_BRIDGE		
F2201324002	OLDE_MARCO		
F2201324003	JH_PARK		
F2201324004	KENDALL		
F2201324005	COLLIER_BRIDGE		
F2201324006	LANDMARK		
F2201324007	LANDMARK_DUP		
F2201324008	HC_CENTER		
F2201324009	SWALLOW		
F2201324010	W_WINTERBERRY_BRIDGE		
F2201324011	E_WINTERBERRY_BRIDGE		
F2201324012	MCILVAINE		
F2201324013	HUMMINGBIRD		
F2201324014	HOLLYHOCK		
F2201324015	WINDMILL		
F2201324016	EQUIPMENT_BLANK		

Batch Comments

filters extracted 3/28/22 11:00





FINAL

Workorder: Marco (F2201324)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/5977 - EPA 365.3			
F2201324001	BARFIELD_BRIDGE	WCAg/5965	EPA 365.3
F2201324002	OLDE_MARCO	WCAg/5965	EPA 365.3
F2201324003	JH_PARK	WCAg/5965	EPA 365.3
F2201324004	KENDALL	WCAg/5965	EPA 365.3
F2201324005	COLLIER_BRIDGE	WCAg/5965	EPA 365.3
F2201324006	LANDMARK	WCAg/5965	EPA 365.3
F2201324007	LANDMARK_DUP	WCAg/5965	EPA 365.3
F2201324008	HC_CENTER	WCAg/5965	EPA 365.3
F2201324009	SWALLOW	WCAg/5965	EPA 365.3
F2201324010	W_WINTERBERRY_BRIDGE	WCAg/5965	EPA 365.3
F2201324011	E_WINTERBERRY_BRIDGE	WCAg/5965	EPA 365.3
F2201324012	MCILVAINE	WCAg/5965	EPA 365.3
F2201324013	HUMMINGBIRD	WCAg/5965	EPA 365.3
F2201324014	HOLLYHOCK	WCAg/5965	EPA 365.3
F2201324015	WINDMILL	WCAg/5965	EPA 365.3
F2201324016	EQUIPMENT_BLANK	WCAg/5965	EPA 365.3
WCAg/6020 - EPA 351.2			
F2201324001	BARFIELD_BRIDGE	WCAg/6011	Copper Sulfate Digestion
F2201324002	OLDE_MARCO	WCAg/6011	Copper Sulfate Digestion
F2201324003	JH_PARK	WCAg/6011	Copper Sulfate Digestion
F2201324004	KENDALL	WCAg/6011	Copper Sulfate Digestion
F2201324005	COLLIER_BRIDGE	WCAg/6011	Copper Sulfate Digestion
F2201324006	LANDMARK	WCAg/6011	Copper Sulfate Digestion
F2201324007	LANDMARK_DUP	WCAg/6011	Copper Sulfate Digestion
F2201324008	HC_CENTER	WCAg/6011	Copper Sulfate Digestion
F2201324009	SWALLOW	WCAg/6011	Copper Sulfate Digestion
F2201324010	W_WINTERBERRY_BRIDGE	WCAg/6011	Copper Sulfate Digestion
F2201324011	E_WINTERBERRY_BRIDGE	WCAg/6011	Copper Sulfate Digestion
F2201324012	MCILVAINE	WCAg/6011	Copper Sulfate Digestion
F2201324013	HUMMINGBIRD	WCAg/6011	Copper Sulfate Digestion

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Workorder: Marco (F2201324)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/6022 - EPA 351.2			
F2201324014	HOLLYHOCK	WCAg/6012	Copper Sulfate Digestion
F2201324015	WINDMILL	WCAg/6012	Copper Sulfate Digestion
F2201324016	EQUIPMENT_BLANK	WCAg/6012	Copper Sulfate Digestion
WCAI/11162 - SM 4500NO3-F (Low Level)			
F2201324001	BARFIELD_BRIDGE		
F2201324002	OLDE_MARCO		
F2201324003	JH_PARK		
F2201324004	KENDALL		
F2201324005	COLLIER_BRIDGE		
F2201324006	LANDMARK		
F2201324007	LANDMARK_DUP		
F2201324008	HC_CENTER		
F2201324009	SWALLOW		
WCAI/11163 - SM 4500NO3-F (Low Level)			
F2201324010	W_WINTERBERRY_BRIDGE		
F2201324011	E_WINTERBERRY_BRIDGE		
F2201324012	MCILVAINE		
F2201324013	HUMMINGBIRD		
F2201324014	HOLLYHOCK		
F2201324015	WINDMILL		
F2201324016	EQUIPMENT_BLANK		





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Workorder: Marco (F2201324)



Advanced Environmental Laboratories, Inc.

- Altamonte Springs: 380 Northlake Blvd, Ste 1048, FL 32701 • 407.937.1594 • Lab ID: E83076
- Fort Myers: 13100 Westlinks Terrace, Ste. 10, Ft. Myers, FL 33913 • 239.674.8130 • Lab ID: E84492
- Jacksonville: 6881 Southport Pkwy, FL 32216 • 904.383.8590 • Lab ID: E82574
- Tallahassee: 2839 North Monroe St., Suite D, FL 32303 • 850.219.8724 • Lab ID: E811035
- Gainesville: 4955 SW 41st Blvd, FL 32608 • 352.377.2248 • Lab ID: E82001
- Miramar: 10200 USA, Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
- Tampa: 8610 Francis Palm Ave, FL 33619 • 813.530.9516 • Lab ID: E84589

Client Name: City of Marco Island		Project Name: MARCO	
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:	
Phone: 239-300-1462		PO Number:	
FAX:		FDEP Facility No.:	
Contact: Jason Tomasesetti		FDEP Facility Addr.:	
Sampled By: P Manard		Special Instructions:	
Turn Around Time: Standard X Rush		ADAPT	
ABL Profile #: 65884		EQUIS	
SAMPLE ID		SAMPLE DESCRIPTION	
BARFIELD_BRIDGE		Grab	
OLDE MARCO		Grab	
JH_PARK		Grab	
KENDALL		Grab	
COLLIER_BRIDGE		Grab	
LANDMARK		Grab	
LANDMARK_DUP		Grab	
HC_CENTER		Grab	
SWALLOW		Grab	
W_WINTERBERRY_BRIDGE		Grab	
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) 16.6 °C Temp. when received (corrected) 16.6 °C	
DCM AD-0031web Form last revised 08/07/2019		Device used for measuring Temp by unique identifier (circle IR temp gun used) J-9A G-11-T-1 LT-2 T-10A A-3A M-3A S-1V F-7A	
Relinquished by: <i>[Signature]</i> Date: 3/2/22 Time: 11:42		Received by: <i>[Signature]</i> Date: 3/2/22 Time: 11:45	
1		2	
2		3	
3		4	
4		5	

ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
NO2/NO3	250 mL Plastic	001
TKN/TP/TN	250 mL Plastic	002
Chlor-A/Turbidity	1L Amb Plastic	003
Enterococci	100 mL Cup	004
		005
		006
		007
		008
		009
		010

* F 2 2 0 1 3 2 4 *




Advanced Environmental Laboratories, Inc

Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters								
SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL
SAMPLE TIME	07:20	07:24	07:39	07:41	07:53	07:55	08:04	08:08
SAMPLE DEPTH	0.30m top	2.0	0.30m top	1.0	0.30m top	2.5	0.30m top	1.0
TOTAL DEPTH	2.5	2.5	1.5	1.5	3.0	3.0	1.5	1.5
TEMP /C	25.8	25.8	25.7	25.7	26.1	26.1	26.1	26.1
D.O. mg / L	5.28	4.88	4.88	4.71	4.65	4.85	4.84	4.56
D.O. % sat.	79.5	73.4	73.6	70.8	70.2	72.9	73.6	69.3
CONDUCTIVITY(umhos)	55,133	55,126	55,107	55,121	54,765	54,802	54,625	54,616
SALINITY ppt.	36.51	36.51	36.50	36.51	36.23	36.26	36.13	36.13
pH su.	7.92	7.93	8.00	8.01	7.93	7.92	7.92	7.91
SECCHI DEPTH	1.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0

FIELD COMMENTS:								
WEATHER :	DEG F		DEG F		DEG F		DEG F	
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	

Authentication			
SAMPLED BY: (PRINT) /	BM / AEL		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature		3/24/22

Advanced Environmental Laboratories, Inc

Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters

SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP	HC CENTER	HC CENTER
SAMPLE TIME	08:15	08:17	08:26	08:30	08:32	08:34	08:45	08:47
SAMPLE DEPTH	0.30m top	2.0	0.30m top	1.5	0.30m top	1.5	0.30m top	1.0
TOTAL DEPTH	2.5	2.5	2.0	2.0	2.0	2.0	1.5	1.5
TEMP /C	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3
D.O. mg / L	3.96	3.40	5.30	4.90	5.33	4.95	3.58	3.45
D.O. % sat.	59.7	52.2	80.4	74.2	79.0	74.8	54.4	52.3
CONDUCTIVITY(umhos)	54,201	54,208	54,383	54,380	54,377	54,383	54,268	54,285
SALINITY ppt.	35.80	35.82	35.94	35.94	35.94	35.94	35.87	35.87
pH su.	7.86	7.86	7.97	7.98	7.98	7.98	7.86	7.83
SECCHI DEPTH	1.0	1.0	2.0	2.0	2.0	2.0	1.5	1.5

FIELD COMMENTS:								
WEATHER :	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication


SAMPLED BY: (PRINT) /	BM / AEL		
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature	<i>Brian Miller</i>	Date
			3/24/22

Advanced Environmental Laboratories, Inc

Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters								
SAMPLE LOCATION	SWALLOW	SWALLOW	WEST WB BRIDGE	WEST WB BRIDGE	EAST WB BRIDGE	EAST WB BRIDGE	MCILVAINE	MCILVAINE
SAMPLE TIME	09:00	09:02	09:20	09:23	09:30	09:32	09:52	09:54
SAMPLE DEPTH	0.30m top	1.5	0.30m top	2.0	0.30m top	1.5	0.30m top	1.5
TOTAL DEPTH	2.0	2.0	2.5	2.5	2.0	2.0	2.0	2.0
TEMP /C	26.0	25.9	26.0	26.0	26.2	26.2	25.8	25.8
D.O. mg / L	5.35	4.75	4.62	4.34	5.46	5.59	5.42	4.65
D.O. % sat.	81.8	72.8	70.2	65.9	82.6	84.9	82.2	70.5
CONDUCTIVITY(umhos)	54,556	54,834	55,002	55,016	54,785	54,797	55,365	55,258
SALINITY ppt.	36.08	36.27	36.41	36.42	36.25	36.25	36.68	36.61
pH su.	7.96	7.96	7.95	7.96	7.97	7.97	8.01	7.99
SECCHI DEPTH	1.5	1.5	1.0	1.0	1.0	1.0	0.5	0.5

FIELD COMMENTS:								
WEATHER :	DEG F		DEG F		DEG F		DEG F	
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	


Authentication			
SAMPLED BY: (PRINT) /	BM / AEL	Sampler's Signature	Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES			3/24/22

Advanced Environmental Laboratories, Inc

Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters							
SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK
SAMPLE TIME	10:05	10:08	10:17	10:20	10:33	10:36	10:40
SAMPLE DEPTH	0.30m top	1.0	0.30m top	1.0	0.30m top	2.0	NA
TOTAL DEPTH	1.5	1.5	1.5	1.5	2.5	2.5	NA
TEMP /C	26.5	26.5	26.6	26.4	26.3	26.2	NA
D.O. mg / L	4.97	4.56	4.09	3.76	5.15	4.64	NA
D.O. % sat.	76.4	70.4	62.6	57.3	78.3	70.5	NA
CONDUCTIVITY(umhos)	54,589	54,604	55,418	55,660	54,958	55,098	NA
SALINITY ppt.	36.09	36.11	36.71	36.89	36.37	36.48	NA
pH su.	7.93	7.92	7.87	7.83	7.95	7.94	NA
SECCHI DEPTH	1.0	1.0	1.0	1.0	1.0	1.0	NA

FIELD COMMENTS:							NA
WEATHER :	DEG F		DEG F		DEG F		DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X

Authentication			
SAMPLED BY: (PRINT) /	BM / AEL		
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature		Date
			3/24/22