



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: MARCO (F2301895)

April 17, 2023

Storm Gewirtz
City of Marco Island
50 Bald Eagle Drive
Marco Island, FL 34145

RE: Workorder: F2301895 MARCO

Dear Storm Gewirtz:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday March 27, 2023. 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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Workorder: MARCO (F2301895)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2301895001	BARFIELD_BRIDGE	WA	Calculation	03/27/2023 07:15	03/27/2023 13:20	1	NA
F2301895001	BARFIELD_BRIDGE	WA	DISRES	03/27/2023 07:15	03/27/2023 13:20	3	NA
F2301895001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 07:15	03/27/2023 13:20	1	NA
F2301895001	BARFIELD_BRIDGE	WA	EPA 180.1	03/27/2023 07:15	03/27/2023 13:20	1	NA
F2301895001	BARFIELD_BRIDGE	WA	EPA 351.2	03/27/2023 07:15	03/27/2023 13:20	1	NA
F2301895001	BARFIELD_BRIDGE	WA	EPA 365.3	03/27/2023 07:15	03/27/2023 13:20	1	NA
F2301895001	BARFIELD_BRIDGE	WA	Field Measurements	03/27/2023 07:15	03/27/2023 13:20	6	NA
F2301895001	BARFIELD_BRIDGE	WA	SM 10200 H	03/27/2023 07:15	03/27/2023 13:20	2	NA
F2301895001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/27/2023 07:15	03/27/2023 13:20	3	NA
F2301895002	OLDE_MARCO	WA	Calculation	03/27/2023 09:07	03/27/2023 13:20	1	NA
F2301895002	OLDE_MARCO	WA	DISRES	03/27/2023 09:07	03/27/2023 13:20	3	NA
F2301895002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 09:07	03/27/2023 13:20	1	NA
F2301895002	OLDE_MARCO	WA	EPA 180.1	03/27/2023 09:07	03/27/2023 13:20	1	NA
F2301895002	OLDE_MARCO	WA	EPA 351.2	03/27/2023 09:07	03/27/2023 13:20	1	NA
F2301895002	OLDE_MARCO	WA	EPA 365.3	03/27/2023 09:07	03/27/2023 13:20	1	NA
F2301895002	OLDE_MARCO	WA	Field Measurements	03/27/2023 09:07	03/27/2023 13:20	6	NA
F2301895002	OLDE_MARCO	WA	SM 10200 H	03/27/2023 09:07	03/27/2023 13:20	2	NA
F2301895002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	03/27/2023 09:07	03/27/2023 13:20	3	NA
F2301895003	JH_PARK	WA	Calculation	03/27/2023 09:32	03/27/2023 13:20	1	NA
F2301895003	JH_PARK	WA	DISRES	03/27/2023 09:32	03/27/2023 13:20	3	NA
F2301895003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 09:32	03/27/2023 13:20	1	NA
F2301895003	JH_PARK	WA	EPA 180.1	03/27/2023 09:32	03/27/2023 13:20	1	NA
F2301895003	JH_PARK	WA	EPA 351.2	03/27/2023 09:32	03/27/2023 13:20	1	NA
F2301895003	JH_PARK	WA	EPA 365.3	03/27/2023 09:32	03/27/2023 13:20	1	NA
F2301895003	JH_PARK	WA	Field Measurements	03/27/2023 09:32	03/27/2023 13:20	6	NA
F2301895003	JH_PARK	WA	SM 10200 H	03/27/2023 09:32	03/27/2023 13:20	2	NA
F2301895003	JH_PARK	WA	SM 4500NO3-F (Low Level)	03/27/2023 09:32	03/27/2023 13:20	3	NA
F2301895004	KENDALL	WA	Calculation	03/27/2023 09:45	03/27/2023 13:20	1	NA
F2301895004	KENDALL	WA	DISRES	03/27/2023 09:45	03/27/2023 13:20	3	NA
F2301895004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 09:45	03/27/2023 13:20	1	NA
F2301895004	KENDALL	WA	EPA 180.1	03/27/2023 09:45	03/27/2023 13:20	1	NA
F2301895004	KENDALL	WA	EPA 351.2	03/27/2023 09:45	03/27/2023 13:20	1	NA
F2301895004	KENDALL	WA	EPA 365.3	03/27/2023 09:45	03/27/2023 13:20	1	NA
F2301895004	KENDALL	WA	Field Measurements	03/27/2023 09:45	03/27/2023 13:20	6	NA

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Workorder: MARCO (F2301895)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2301895004	KENDALL	WA	SM 10200 H	03/27/2023 09:45	03/27/2023 13:20	2	NA
F2301895004	KENDALL	WA	SM 4500NO3-F (Low Level)	03/27/2023 09:45	03/27/2023 13:20	3	NA
F2301895005	COLLIER_BRIDGE	WA	Calculation	03/27/2023 09:58	03/27/2023 13:20	1	NA
F2301895005	COLLIER_BRIDGE	WA	DISRES	03/27/2023 09:58	03/27/2023 13:20	3	NA
F2301895005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 09:58	03/27/2023 13:20	1	NA
F2301895005	COLLIER_BRIDGE	WA	EPA 180.1	03/27/2023 09:58	03/27/2023 13:20	1	NA
F2301895005	COLLIER_BRIDGE	WA	EPA 351.2	03/27/2023 09:58	03/27/2023 13:20	1	NA
F2301895005	COLLIER_BRIDGE	WA	EPA 365.3	03/27/2023 09:58	03/27/2023 13:20	1	NA
F2301895005	COLLIER_BRIDGE	WA	Field Measurements	03/27/2023 09:58	03/27/2023 13:20	6	NA
F2301895005	COLLIER_BRIDGE	WA	SM 10200 H	03/27/2023 09:58	03/27/2023 13:20	2	NA
F2301895005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/27/2023 09:58	03/27/2023 13:20	3	NA
F2301895006	LANDMARK	WA	Calculation	03/27/2023 10:10	03/27/2023 13:20	1	NA
F2301895006	LANDMARK	WA	DISRES	03/27/2023 10:10	03/27/2023 13:20	3	NA
F2301895006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 10:10	03/27/2023 13:20	1	NA
F2301895006	LANDMARK	WA	EPA 180.1	03/27/2023 10:10	03/27/2023 13:20	1	NA
F2301895006	LANDMARK	WA	EPA 351.2	03/27/2023 10:10	03/27/2023 13:20	1	NA
F2301895006	LANDMARK	WA	EPA 365.3	03/27/2023 10:10	03/27/2023 13:20	1	NA
F2301895006	LANDMARK	WA	Field Measurements	03/27/2023 10:10	03/27/2023 13:20	6	NA
F2301895006	LANDMARK	WA	SM 10200 H	03/27/2023 10:10	03/27/2023 13:20	2	NA
F2301895006	LANDMARK	WA	SM 4500NO3-F (Low Level)	03/27/2023 10:10	03/27/2023 13:20	3	NA
F2301895007	LANDMARK_DUP	WA	Calculation	03/27/2023 10:15	03/27/2023 13:20	1	NA
F2301895007	LANDMARK_DUP	WA	DISRES	03/27/2023 10:15	03/27/2023 13:20	3	NA
F2301895007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 10:15	03/27/2023 13:20	1	NA
F2301895007	LANDMARK_DUP	WA	EPA 180.1	03/27/2023 10:15	03/27/2023 13:20	1	NA
F2301895007	LANDMARK_DUP	WA	EPA 351.2	03/27/2023 10:15	03/27/2023 13:20	1	NA
F2301895007	LANDMARK_DUP	WA	EPA 365.3	03/27/2023 10:15	03/27/2023 13:20	1	NA
F2301895007	LANDMARK_DUP	WA	Field Measurements	03/27/2023 10:15	03/27/2023 13:20	6	NA
F2301895007	LANDMARK_DUP	WA	SM 10200 H	03/27/2023 10:15	03/27/2023 13:20	2	NA
F2301895007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	03/27/2023 10:15	03/27/2023 13:20	3	NA
F2301895008	HC_CENTER	WA	Calculation	03/27/2023 10:24	03/27/2023 13:20	1	NA
F2301895008	HC_CENTER	WA	DISRES	03/27/2023 10:24	03/27/2023 13:20	3	NA
F2301895008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 10:24	03/27/2023 13:20	1	NA
F2301895008	HC_CENTER	WA	EPA 180.1	03/27/2023 10:24	03/27/2023 13:20	1	NA
F2301895008	HC_CENTER	WA	EPA 351.2	03/27/2023 10:24	03/27/2023 13:20	1	NA

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Workorder: MARCO (F2301895)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2301895008	HC_CENTER	WA	EPA 365.3	03/27/2023 10:24	03/27/2023 13:20	1	NA
F2301895008	HC_CENTER	WA	Field Measurements	03/27/2023 10:24	03/27/2023 13:20	6	NA
F2301895008	HC_CENTER	WA	SM 10200 H	03/27/2023 10:24	03/27/2023 13:20	2	NA
F2301895008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	03/27/2023 10:24	03/27/2023 13:20	3	NA
F2301895009	SWALLOW	WA	Calculation	03/27/2023 10:40	03/27/2023 13:20	1	NA
F2301895009	SWALLOW	WA	DISRES	03/27/2023 10:40	03/27/2023 13:20	3	NA
F2301895009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 10:40	03/27/2023 13:20	1	NA
F2301895009	SWALLOW	WA	EPA 180.1	03/27/2023 10:40	03/27/2023 13:20	1	NA
F2301895009	SWALLOW	WA	EPA 351.2	03/27/2023 10:40	03/27/2023 13:20	1	NA
F2301895009	SWALLOW	WA	EPA 365.3	03/27/2023 10:40	03/27/2023 13:20	1	NA
F2301895009	SWALLOW	WA	Field Measurements	03/27/2023 10:40	03/27/2023 13:20	6	NA
F2301895009	SWALLOW	WA	SM 10200 H	03/27/2023 10:40	03/27/2023 13:20	2	NA
F2301895009	SWALLOW	WA	SM 4500NO3-F (Low Level)	03/27/2023 10:40	03/27/2023 13:20	3	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	Calculation	03/27/2023 10:55	03/27/2023 13:20	1	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	DISRES	03/27/2023 10:55	03/27/2023 13:20	3	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 10:55	03/27/2023 13:20	1	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	03/27/2023 10:55	03/27/2023 13:20	1	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	03/27/2023 10:55	03/27/2023 13:20	1	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	03/27/2023 10:55	03/27/2023 13:20	1	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	03/27/2023 10:55	03/27/2023 13:20	6	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	03/27/2023 10:55	03/27/2023 13:20	2	NA
F2301895010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	03/27/2023 10:55	03/27/2023 13:20	3	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	Calculation	03/27/2023 11:05	03/27/2023 13:20	1	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	DISRES	03/27/2023 11:05	03/27/2023 13:20	3	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 11:05	03/27/2023 13:20	1	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	03/27/2023 11:05	03/27/2023 13:20	1	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	03/27/2023 11:05	03/27/2023 13:20	1	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	03/27/2023 11:05	03/27/2023 13:20	1	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	03/27/2023 11:05	03/27/2023 13:20	6	NA
F2301895011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	03/27/2023 11:05	03/27/2023 13:20	2	NA

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Workorder: MARCO (F2301895)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2301895011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	03/27/2023 11:05	03/27/2023 13:20	3	NA
F2301895012	MCILVAINE	WA	Calculation	03/27/2023 11:18	03/27/2023 13:20	1	NA
F2301895012	MCILVAINE	WA	DISRES	03/27/2023 11:18	03/27/2023 13:20	3	NA
F2301895012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	03/27/2023 11:18	03/27/2023 13:20	1	NA
F2301895012	MCILVAINE	WA	EPA 180.1	03/27/2023 11:18	03/27/2023 13:20	1	NA
F2301895012	MCILVAINE	WA	EPA 351.2	03/27/2023 11:18	03/27/2023 13:20	1	NA
F2301895012	MCILVAINE	WA	EPA 365.3	03/27/2023 11:18	03/27/2023 13:20	1	NA
F2301895012	MCILVAINE	WA	Field Measurements	03/27/2023 11:18	03/27/2023 13:20	6	NA
F2301895012	MCILVAINE	WA	SM 10200 H	03/27/2023 11:18	03/27/2023 13:20	2	NA
F2301895012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	03/27/2023 11:18	03/27/2023 13:20	3	NA
F2301895013	HUMMINGBIRD	WA	Calculation	03/27/2023 11:35	03/27/2023 13:20	1	NA
F2301895013	HUMMINGBIRD	WA	DISRES	03/27/2023 11:35	03/27/2023 13:20	3	NA
F2301895013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	03/27/2023 11:35	03/27/2023 13:20	1	NA
F2301895013	HUMMINGBIRD	WA	EPA 180.1	03/27/2023 11:35	03/27/2023 13:20	1	NA
F2301895013	HUMMINGBIRD	WA	EPA 351.2	03/27/2023 11:35	03/27/2023 13:20	1	NA
F2301895013	HUMMINGBIRD	WA	EPA 365.3	03/27/2023 11:35	03/27/2023 13:20	1	NA
F2301895013	HUMMINGBIRD	WA	Field Measurements	03/27/2023 11:35	03/27/2023 13:20	6	NA
F2301895013	HUMMINGBIRD	WA	SM 10200 H	03/27/2023 11:35	03/27/2023 13:20	2	NA
F2301895013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	03/27/2023 11:35	03/27/2023 13:20	3	NA
F2301895014	HOLLYHOCK	WA	Calculation	03/27/2023 11:47	03/27/2023 13:20	1	NA
F2301895014	HOLLYHOCK	WA	DISRES	03/27/2023 11:47	03/27/2023 13:20	3	NA
F2301895014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	03/27/2023 11:47	03/27/2023 13:20	1	NA
F2301895014	HOLLYHOCK	WA	EPA 180.1	03/27/2023 11:47	03/27/2023 13:20	1	NA
F2301895014	HOLLYHOCK	WA	EPA 351.2	03/27/2023 11:47	03/27/2023 13:20	1	NA
F2301895014	HOLLYHOCK	WA	EPA 365.3	03/27/2023 11:47	03/27/2023 13:20	1	NA
F2301895014	HOLLYHOCK	WA	Field Measurements	03/27/2023 11:47	03/27/2023 13:20	6	NA
F2301895014	HOLLYHOCK	WA	SM 10200 H	03/27/2023 11:47	03/27/2023 13:20	2	NA
F2301895014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	03/27/2023 11:47	03/27/2023 13:20	3	NA
F2301895015	WINDMILL	WA	Calculation	03/27/2023 11:57	03/27/2023 13:20	1	NA
F2301895015	WINDMILL	WA	DISRES	03/27/2023 11:57	03/27/2023 13:20	3	NA
F2301895015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	03/27/2023 11:57	03/27/2023 13:20	1	NA
F2301895015	WINDMILL	WA	EPA 180.1	03/27/2023 11:57	03/27/2023 13:20	1	NA
F2301895015	WINDMILL	WA	EPA 351.2	03/27/2023 11:57	03/27/2023 13:20	1	NA

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Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2301895015	WINDMILL	WA	EPA 365.3	03/27/2023 11:57	03/27/2023 13:20	1	NA
F2301895015	WINDMILL	WA	Field Measurements	03/27/2023 11:57	03/27/2023 13:20	6	NA
F2301895015	WINDMILL	WA	SM 10200 H	03/27/2023 11:57	03/27/2023 13:20	2	NA
F2301895015	WINDMILL	WA	SM 4500NO3-F (Low Level)	03/27/2023 11:57	03/27/2023 13:20	3	NA
F2301895016	EQUIPMENT_BLANK	WA	Calculation	03/27/2023 12:05	03/27/2023 13:20	1	NA
F2301895016	EQUIPMENT_BLANK	WA	DISRES	03/27/2023 12:05	03/27/2023 13:20	3	NA
F2301895016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 12:05	03/27/2023 13:20	1	NA
F2301895016	EQUIPMENT_BLANK	WA	EPA 180.1	03/27/2023 12:05	03/27/2023 13:20	1	NA
F2301895016	EQUIPMENT_BLANK	WA	EPA 351.2	03/27/2023 12:05	03/27/2023 13:20	1	NA
F2301895016	EQUIPMENT_BLANK	WA	EPA 365.3	03/27/2023 12:05	03/27/2023 13:20	1	NA
F2301895016	EQUIPMENT_BLANK	WA	Field Measurements	03/27/2023 12:05	03/27/2023 13:20	6	NA
F2301895016	EQUIPMENT_BLANK	WA	SM 10200 H	03/27/2023 12:05	03/27/2023 13:20	2	NA
F2301895016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	03/27/2023 12:05	03/27/2023 13:20	3	NA
F2301895017	EAST_RIVER_MARKER_3	WA	Calculation	03/27/2023 08:41	03/27/2023 13:20	1	NA
F2301895017	EAST_RIVER_MARKER_3	WA	DISRES	03/27/2023 08:41	03/27/2023 13:20	3	NA
F2301895017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 08:41	03/27/2023 13:20	1	NA
F2301895017	EAST_RIVER_MARKER_3	WA	EPA 180.1	03/27/2023 08:41	03/27/2023 13:20	1	NA
F2301895017	EAST_RIVER_MARKER_3	WA	EPA 351.2	03/27/2023 08:41	03/27/2023 13:20	1	NA
F2301895017	EAST_RIVER_MARKER_3	WA	EPA 365.3	03/27/2023 08:41	03/27/2023 13:20	1	NA
F2301895017	EAST_RIVER_MARKER_3	WA	Field Measurements	03/27/2023 08:41	03/27/2023 13:20	6	NA
F2301895017	EAST_RIVER_MARKER_3	WA	SM 10200 H	03/27/2023 08:41	03/27/2023 13:20	2	NA
F2301895017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	03/27/2023 08:41	03/27/2023 13:20	3	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	Calculation	03/27/2023 08:21	03/27/2023 13:20	1	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	DISRES	03/27/2023 08:21	03/27/2023 13:20	3	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 08:21	03/27/2023 13:20	1	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	03/27/2023 08:21	03/27/2023 13:20	1	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	03/27/2023 08:21	03/27/2023 13:20	1	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	03/27/2023 08:21	03/27/2023 13:20	1	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	Field Measurements	03/27/2023 08:21	03/27/2023 13:20	6	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	03/27/2023 08:21	03/27/2023 13:20	2	NA
F2301895018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	03/27/2023 08:21	03/27/2023 13:20	3	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	Calculation	03/27/2023 07:58	03/27/2023 13:20	1	NA

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Workorder: MARCO (F2301895)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2301895019	CAPRI_PASS_MARKER_2	WA	DISRES	03/27/2023 07:58	03/27/2023 13:20	3	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 07:58	03/27/2023 13:20	1	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	03/27/2023 07:58	03/27/2023 13:20	1	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	03/27/2023 07:58	03/27/2023 13:20	1	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	03/27/2023 07:58	03/27/2023 13:20	1	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	Field Measurements	03/27/2023 07:58	03/27/2023 13:20	6	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	03/27/2023 07:58	03/27/2023 13:20	2	NA
F2301895019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	03/27/2023 07:58	03/27/2023 13:20	3	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	Calculation	03/27/2023 08:09	03/27/2023 13:20	1	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	DISRES	03/27/2023 08:09	03/27/2023 13:20	3	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	03/27/2023 08:09	03/27/2023 13:20	1	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	03/27/2023 08:09	03/27/2023 13:20	1	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	03/27/2023 08:09	03/27/2023 13:20	1	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	03/27/2023 08:09	03/27/2023 13:20	1	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	Field Measurements	03/27/2023 08:09	03/27/2023 13:20	6	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	03/27/2023 08:09	03/27/2023 13:20	2	NA
F2301895020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	03/27/2023 08:09	03/27/2023 13:20	3	NA

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Workorder: MARCO (F2301895)

Workorder Summary

Batch Comments

WCAg/10692 - TKN,E351.2 Analysis,Water

The matrix spike recoveries of TKN for A2303658002 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike recoveries of TKN for [F2301895013 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. The affected sample is qualified to indicate matrix interference.

WCAg/10695 - TKN,E351.2 Analysis,Water

The matrix spike recoveries of TKN for G2303004004 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike recoveries of TKN for A2303676003 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. The affected sample is qualified to indicate matrix interference.

Analysis Results Comments

F2301895001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2301895001-20 were filtered on 3/27/2023 at 10:00

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Workorder: MARCO (F2301895)

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 (F2301895)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 07:15	04/17/2023 07:15	F^
Secchi Disc	1.5	meters			1	04/17/2023 07:15	04/17/2023 07:15	F^
Total Depth	2	meters			1	04/17/2023 07:15	04/17/2023 07:15	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51477	umhos/cm			1	03/27/2023 07:15	03/27/2023 07:15	F^
DO Saturation %	69.5	%			1	03/27/2023 07:15	03/27/2023 07:15	F^
Dissolved Oxygen	4.64	mg/L			1	03/27/2023 07:15	03/27/2023 07:15	F^
Salinity	33.75	ppt			1	03/27/2023 07:15	03/27/2023 07:15	F^
Temperature	25.9	°C			1	03/27/2023 07:15	03/27/2023 07:15	F^
pH	7.9	SU			1	03/27/2023 07:15	03/27/2023 07:15	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.339	mg/L	0.20	0.12	1	04/17/2023 13:13	04/17/2023 13:13	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.339 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.7	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:38	03/28/2023 13:38	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:38	03/28/2023 13:38	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:38	03/28/2023 13:38	T





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Workorder: MARCO (F2301895)

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Workorder: MARCO (F2301895)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895002 Date Collected: 03/27/2023 09:07 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 09:07	04/17/2023 09:07	F^
Secchi Disc	1	meters			1	04/17/2023 09:07	04/17/2023 09:07	F^
Total Depth	1.5	meters			1	04/17/2023 09:07	04/17/2023 09:07	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53259	umhos/cm			1	03/27/2023 09:07	03/27/2023 09:07	F^
DO Saturation %	57.4	%			1	03/27/2023 09:07	03/27/2023 09:07	F^
Dissolved Oxygen	3.82	mg/L			1	03/27/2023 09:07	03/27/2023 09:07	F^
Salinity	35.11	ppt			1	03/27/2023 09:07	03/27/2023 09:07	F^
Temperature	26.0	°C			1	03/27/2023 09:07	03/27/2023 09:07	F^
pH	8.07	SU			1	03/27/2023 09:07	03/27/2023 09:07	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	180	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.330	mg/L	0.20	0.12	1	04/17/2023 13:13	04/17/2023 13:13	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.330 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.6	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:39	03/28/2023 13:39	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:39	03/28/2023 13:39	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:39	03/28/2023 13:39	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 09:32	04/17/2023 09:32	F^
Secchi Disc	1.5	meters			1	04/17/2023 09:32	04/17/2023 09:32	F^
Total Depth	2	meters			1	04/17/2023 09:32	04/17/2023 09:32	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52759	umhos/cm			1	03/27/2023 09:32	03/27/2023 09:32	F^
DO Saturation %	79.4	%			1	03/27/2023 09:32	03/27/2023 09:32	F^
Dissolved Oxygen	5.3	mg/L			1	03/27/2023 09:32	03/27/2023 09:32	F^
Salinity	34.73	ppt			1	03/27/2023 09:32	03/27/2023 09:32	F^
Temperature	26.1	°C			1	03/27/2023 09:32	03/27/2023 09:32	F^
pH	8.05	SU			1	03/27/2023 09:32	03/27/2023 09:32	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.381	mg/L	0.20	0.12	1	04/17/2023 13:13	04/17/2023 13:13	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.381 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.8	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.024	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:40	03/28/2023 13:40	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:40	03/28/2023 13:40	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:40	03/28/2023 13:40	T





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Workorder: MARCO (F2301895)

Analytical Results

Lab ID: F2301895004 **Date Collected:** 03/27/2023 09:45 **Matrix:** Water
Sample ID: KENDALL **Date Received:** 03/27/2023 13:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 09:45	04/17/2023 09:45	F^
Secchi Disc	1	meters			1	04/17/2023 09:45	04/17/2023 09:45	F^
Total Depth	1	meters			1	04/17/2023 09:45	04/17/2023 09:45	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52720	umhos/cm			1	03/27/2023 09:45	03/27/2023 09:45	F^
DO Saturation %	58.2	%			1	03/27/2023 09:45	03/27/2023 09:45	F^
Dissolved Oxygen	3.88	mg/L			1	03/27/2023 09:45	03/27/2023 09:45	F^
Salinity	34.72	ppt			1	03/27/2023 09:45	03/27/2023 09:45	F^
Temperature	26	°C			1	03/27/2023 09:45	03/27/2023 09:45	F^
pH	8.03	SU			1	03/27/2023 09:45	03/27/2023 09:45	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.323	mg/L	0.20	0.12	1	04/17/2023 13:18	04/17/2023 13:18	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.301 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.0	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.040	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.8 I	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.021	mg/L	0.010	0.0060	1	03/28/2023 13:40	03/28/2023 13:40	T
Nitrate + Nitrite	0.022	mg/L	0.020	0.010	1	03/28/2023 13:40	03/28/2023 13:40	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:40	03/28/2023 13:40	T





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Workorder: MARCO (F2301895)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895005 Date Collected: 03/27/2023 09:58 Matrix: Water								
Sample ID: COLLIER_BRIDGE Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 09:58	04/17/2023 09:58	F^
Secchi Disc	1.75	meters			1	04/17/2023 09:58	04/17/2023 09:58	F^
Total Depth	1.75	meters			1	04/17/2023 09:58	04/17/2023 09:58	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52552	umhos/cm			1	03/27/2023 09:58	03/27/2023 09:58	F^
DO Saturation %	56	%			1	03/27/2023 09:58	03/27/2023 09:58	F^
Dissolved Oxygen	3.76	mg/L			1	03/27/2023 09:58	03/27/2023 09:58	F^
Salinity	34.59	ppt			1	03/27/2023 09:58	03/27/2023 09:58	F^
Temperature	25.8	°C			1	03/27/2023 09:58	03/27/2023 09:58	F^
pH	8.04	SU			1	03/27/2023 09:58	03/27/2023 09:58	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.380	mg/L	0.20	0.12	1	04/17/2023 13:14	04/17/2023 13:14	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.380 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.0	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.8 I	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:41	03/28/2023 13:41	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:41	03/28/2023 13:41	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:41	03/28/2023 13:41	T





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Workorder: MARCO (F2301895)

Analytical Results

Lab ID: F2301895006 **Date Collected:** 03/27/2023 10:10 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 03/27/2023 13:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 10:10	04/17/2023 10:10	F^
Secchi Disc	1.75	meters			1	04/17/2023 10:10	04/17/2023 10:10	F^
Total Depth	1.75	meters			1	04/17/2023 10:10	04/17/2023 10:10	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52608	umhos/cm			1	03/27/2023 10:10	03/27/2023 10:10	F^
DO Saturation %	64.3	%			1	03/27/2023 10:10	03/27/2023 10:10	F^
Dissolved Oxygen	4.29	mg/L			1	03/27/2023 10:10	03/27/2023 10:10	F^
Salinity	34.63	ppt			1	03/27/2023 10:10	03/27/2023 10:10	F^
Temperature	26.1	°C			1	03/27/2023 10:10	03/27/2023 10:10	F^
pH	8.14	SU			1	03/27/2023 10:10	03/27/2023 10:10	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	63	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.348	mg/L	0.20	0.12	1	04/17/2023 13:14	04/17/2023 13:14	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.322 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.9	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.090	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	4.8	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.024	mg/L	0.010	0.0060	1	03/28/2023 13:42	03/28/2023 13:42	T
Nitrate + Nitrite	0.026	mg/L	0.020	0.010	1	03/28/2023 13:42	03/28/2023 13:42	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:42	03/28/2023 13:42	T





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Workorder: MARCO (F2301895)

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Workorder: MARCO (F2301895)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 10:15	04/17/2023 10:15	F^
Secchi Disc	1.75	meters			1	04/17/2023 10:15	04/17/2023 10:15	F^
Total Depth	1.75	meters			1	04/17/2023 10:15	04/17/2023 10:15	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52612	umhos/cm			1	03/27/2023 10:15	03/27/2023 10:15	F^
DO Saturation %	65.1	%			1	03/27/2023 10:15	03/27/2023 10:15	F^
Dissolved Oxygen	4.38	mg/L			1	03/27/2023 10:15	03/27/2023 10:15	F^
Salinity	34.63	ppt			1	03/27/2023 10:15	03/27/2023 10:15	F^
Temperature	26.1	°C			1	03/27/2023 10:15	03/27/2023 10:15	F^
pH	8.14	SU			1	03/27/2023 10:15	03/27/2023 10:15	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	75	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.599	mg/L	0.20	0.12	1	04/17/2023 13:14	04/17/2023 13:14	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.573	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.9	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.082	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	3.1	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.022	mg/L	0.010	0.0060	1	03/28/2023 13:43	03/28/2023 13:43	T
Nitrate + Nitrite	0.026	mg/L	0.020	0.010	1	03/28/2023 13:43	03/28/2023 13:43	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:43	03/28/2023 13:43	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895008 Date Collected: 03/27/2023 10:24 Matrix: Water								
Sample ID: HC_CENTER Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 10:24	04/17/2023 10:24	F^
Secchi Disc	1	meters			1	04/17/2023 10:24	04/17/2023 10:24	F^
Total Depth	1	meters			1	04/17/2023 10:24	04/17/2023 10:24	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52692	umhos/cm			1	03/27/2023 10:24	03/27/2023 10:24	F^
DO Saturation %	57.8	%			1	03/27/2023 10:24	03/27/2023 10:24	F^
Dissolved Oxygen	3.87	mg/L			1	03/27/2023 10:24	03/27/2023 10:24	F^
Salinity	34.71	ppt			1	03/27/2023 10:24	03/27/2023 10:24	F^
Temperature	25.7	°C			1	03/27/2023 10:24	03/27/2023 10:24	F^
pH	8	SU			1	03/27/2023 10:24	03/27/2023 10:24	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.323	mg/L	0.20	0.12	1	04/17/2023 13:15	04/17/2023 13:15	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.323 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.7	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:43	03/28/2023 13:43	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:43	03/28/2023 13:43	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:43	03/28/2023 13:43	T





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Lab ID: F2301895009 **Date Collected:** 03/27/2023 10:40 **Matrix:** Water
Sample ID: SWALLOW **Date Received:** 03/27/2023 13:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 10:40	04/17/2023 10:40	F^
Secchi Disc	1.5	meters			1	04/17/2023 10:40	04/17/2023 10:40	F^
Total Depth	2	meters			1	04/17/2023 10:40	04/17/2023 10:40	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52389	umhos/cm			1	03/27/2023 10:40	03/27/2023 10:40	F^
DO Saturation %	58.2	%			1	03/27/2023 10:40	03/27/2023 10:40	F^
Dissolved Oxygen	3.89	mg/L			1	03/27/2023 10:40	03/27/2023 10:40	F^
Salinity	34.48	ppt			1	03/27/2023 10:40	03/27/2023 10:40	F^
Temperature	25.7	°C			1	03/27/2023 10:40	03/27/2023 10:40	F^
pH	8.12	SU			1	03/27/2023 10:40	03/27/2023 10:40	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.490	mg/L	0.20	0.12	1	04/17/2023 13:15	04/17/2023 13:15	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.490 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.7	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.034	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	5.6	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:44	03/28/2023 13:44	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:44	03/28/2023 13:44	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:44	03/28/2023 13:44	T





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Lab ID: F2301895010	Date Collected: 03/27/2023 10:55	Matrix: Water
Sample ID: W_WINTERBERRY_BRID GE	Date Received: 03/27/2023 13:20	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 10:55	04/17/2023 10:55	F^
Secchi Disc	1.5	meters			1	04/17/2023 10:55	04/17/2023 10:55	F^
Total Depth	2	meters			1	04/17/2023 10:55	04/17/2023 10:55	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53017	umhos/cm			1	03/27/2023 10:55	03/27/2023 10:55	F^
DO Saturation %	69.6	%			1	03/27/2023 10:55	03/27/2023 10:55	F^
Dissolved Oxygen	4.65	mg/L			1	03/27/2023 10:55	03/27/2023 10:55	F^
Salinity	34.93	ppt			1	03/27/2023 10:55	03/27/2023 10:55	F^
Temperature	25.9	°C			1	03/27/2023 10:55	03/27/2023 10:55	F^
pH	8.11	SU			1	03/27/2023 10:55	03/27/2023 10:55	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.274	mg/L	0.20	0.12	1	04/17/2023 13:15	04/17/2023 13:15	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.274 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.1	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.040	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:45	03/28/2023 13:45	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:45	03/28/2023 13:45	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:45	03/28/2023 13:45	T





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Workorder: MARCO (F2301895)

Analytical Results

Lab ID: F2301895011 **Date Collected:** 03/27/2023 11:05 **Matrix:** Water
Sample ID: E_WINTERBERRY_BRID **Date Received:** 03/27/2023 13:20
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 11:05	04/17/2023 11:05	F^
Secchi Disc	1.25	meters			1	04/17/2023 11:05	04/17/2023 11:05	F^
Total Depth	2	meters			1	04/17/2023 11:05	04/17/2023 11:05	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52687	umhos/cm			1	03/27/2023 11:05	03/27/2023 11:05	F^
DO Saturation %	69.2	%			1	03/27/2023 11:05	03/27/2023 11:05	F^
Dissolved Oxygen	4.6	mg/L			1	03/27/2023 11:05	03/27/2023 11:05	F^
Salinity	34.68	ppt			1	03/27/2023 11:05	03/27/2023 11:05	F^
Temperature	26.3	°C			1	03/27/2023 11:05	03/27/2023 11:05	F^
pH	8.1	SU			1	03/27/2023 11:05	03/27/2023 11:05	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	31	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.347	mg/L	0.20	0.12	1	04/17/2023 13:15	04/17/2023 13:15	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.347 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.2	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:54	03/28/2023 13:54	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:54	03/28/2023 13:54	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:54	03/28/2023 13:54	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895012 Date Collected: 03/27/2023 11:18 Matrix: Water								
Sample ID: MCILVAINE Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 11:18	04/17/2023 11:18	F^
Secchi Disc	1.25	meters			1	04/17/2023 11:18	04/17/2023 11:18	F^
Total Depth	2	meters			1	04/17/2023 11:18	04/17/2023 11:18	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53366	umhos/cm			1	03/27/2023 11:18	03/27/2023 11:18	F^
DO Saturation %	72.9	%			1	03/27/2023 11:18	03/27/2023 11:18	F^
Dissolved Oxygen	4.83	mg/L			1	03/27/2023 11:18	03/27/2023 11:18	F^
Salinity	35.2	ppt			1	03/27/2023 11:18	03/27/2023 11:18	F^
Temperature	26.2	°C			1	03/27/2023 11:18	03/27/2023 11:18	F^
pH	8.13	SU			1	03/27/2023 11:18	03/27/2023 11:18	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.363	mg/L	0.20	0.12	1	04/17/2023 13:16	04/17/2023 13:16	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.340 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.3	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.042	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.022	mg/L	0.010	0.0060	1	03/28/2023 13:55	03/28/2023 13:55	T
Nitrate + Nitrite	0.023	mg/L	0.020	0.010	1	03/28/2023 13:55	03/28/2023 13:55	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:55	03/28/2023 13:55	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895013 Date Collected: 03/27/2023 11:35 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 11:35	04/17/2023 11:35	F^
Secchi Disc	1.25	meters			1	04/17/2023 11:35	04/17/2023 11:35	F^
Total Depth	1.25	meters			1	04/17/2023 11:35	04/17/2023 11:35	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52739	umhos/cm			1	03/27/2023 11:35	03/27/2023 11:35	F^
DO Saturation %	67	%			1	03/27/2023 11:35	03/27/2023 11:35	F^
Dissolved Oxygen	4.43	mg/L			1	03/27/2023 11:35	03/27/2023 11:35	F^
Salinity	34.72	ppt			1	03/27/2023 11:35	03/27/2023 11:35	F^
Temperature	26.5	°C			1	03/27/2023 11:35	03/27/2023 11:35	F^
pH	8.08	SU			1	03/27/2023 11:35	03/27/2023 11:35	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.474	mg/L	0.20	0.12	1	04/17/2023 13:16	04/17/2023 13:16	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.474 I	mg/L	0.50	0.20	1	04/03/2023 16:11	04/04/2023 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.0	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.021	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:55	03/28/2023 13:55	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:55	03/28/2023 13:55	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:55	03/28/2023 13:55	T





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Workorder: MARCO (F2301895)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: MARCO (F2301895)

Analytical Results

Lab ID: F2301895014 **Date Collected:** 03/27/2023 11:47 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 03/27/2023 13:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 11:47	04/17/2023 11:47	F^
Secchi Disc	1	meters			1	04/17/2023 11:47	04/17/2023 11:47	F^
Total Depth	1.5	meters			1	04/17/2023 11:47	04/17/2023 11:47	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53466	umhos/cm			1	03/27/2023 11:47	03/27/2023 11:47	F^
DO Saturation %	64	%			1	03/27/2023 11:47	03/27/2023 11:47	F^
Dissolved Oxygen	4.21	mg/L			1	03/27/2023 11:47	03/27/2023 11:47	F^
Salinity	35.25	ppt			1	03/27/2023 11:47	03/27/2023 11:47	F^
Temperature	26.6	°C			1	03/27/2023 11:47	03/27/2023 11:47	F^
pH	8.02	SU			1	03/27/2023 11:47	03/27/2023 11:47	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.440	mg/L	0.20	0.12	1	04/17/2023 13:16	04/17/2023 13:16	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.440 I	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.4	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.034	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:56	03/28/2023 13:56	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:56	03/28/2023 13:56	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:56	03/28/2023 13:56	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895015 Date Collected: 03/27/2023 11:57 Matrix: Water								
Sample ID: WINDMILL Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 11:57	04/17/2023 11:57	F^
Secchi Disc	1	meters			1	04/17/2023 11:57	04/17/2023 11:57	F^
Total Depth	2	meters			1	04/17/2023 11:57	04/17/2023 11:57	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	59282	umhos/cm			1	03/27/2023 11:57	03/27/2023 11:57	F^
DO Saturation %	83.9	%			1	03/27/2023 11:57	03/27/2023 11:57	F^
Dissolved Oxygen	5.53	mg/L			1	03/27/2023 11:57	03/27/2023 11:57	F^
Salinity	34.91	ppt			1	03/27/2023 11:57	03/27/2023 11:57	F^
Temperature	26.4	°C			1	03/27/2023 11:57	03/27/2023 11:57	F^
pH	8.11	SU			1	03/27/2023 11:57	03/27/2023 11:57	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.713	mg/L	0.20	0.12	1	04/17/2023 13:16	04/17/2023 13:16	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.713	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.1	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:57	03/28/2023 13:57	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:57	03/28/2023 13:57	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:57	03/28/2023 13:57	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895016 Date Collected: 03/27/2023 12:05 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0 U	meters			1	04/17/2023 12:05	04/17/2023 12:05	F^
Secchi Disc	0 U	meters			1	04/17/2023 12:05	04/17/2023 12:05	F^
Total Depth	0 U	meters			1	04/17/2023 12:05	04/17/2023 12:05	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	0 U	umhos/cm			1	03/27/2023 12:05	03/27/2023 12:05	F^
DO Saturation %	0 U	%			1	03/27/2023 12:05	03/27/2023 12:05	F^
Dissolved Oxygen	0 U	mg/L			1	03/27/2023 12:05	03/27/2023 12:05	F^
Salinity	0 U	ppt			1	03/27/2023 12:05	03/27/2023 12:05	F^
Temperature	0 U	°C			1	03/27/2023 12:05	03/27/2023 12:05	F^
pH	0 U	SU			1	03/27/2023 12:05	03/27/2023 12:05	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	04/17/2023 13:17	04/17/2023 13:17	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.10 U	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	3.6	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:58	03/28/2023 13:58	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:58	03/28/2023 13:58	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:58	03/28/2023 13:58	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895017 Date Collected: 03/27/2023 08:41 Matrix: Water								
Sample ID: EAST_RIVER_MARKER_3 Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 08:41	04/17/2023 08:41	F^
Secchi Disc	2	meters			1	04/17/2023 08:41	04/17/2023 08:41	F^
Total Depth	2.4	meters			1	04/17/2023 08:41	04/17/2023 08:41	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53553	umhos/cm			1	03/27/2023 08:41	03/27/2023 08:41	F^
DO Saturation %	75.1	%			1	03/27/2023 08:41	03/27/2023 08:41	F^
Dissolved Oxygen	4.96	mg/L			1	03/27/2023 08:41	03/27/2023 08:41	F^
Salinity	35.31	ppt			1	03/27/2023 08:41	03/27/2023 08:41	F^
Temperature	26.4	°C			1	03/27/2023 08:41	03/27/2023 08:41	F^
pH	8.02	SU			1	03/27/2023 08:41	03/27/2023 08:41	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.482	mg/L	0.20	0.12	1	04/17/2023 13:17	04/17/2023 13:17	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.482 I	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.3	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:58	03/28/2023 13:58	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:58	03/28/2023 13:58	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:58	03/28/2023 13:58	T





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Workorder: MARCO (F2301895)

Analytical Results

Lab ID: F2301895018 **Date Collected:** 03/27/2023 08:21 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 03/27/2023 13:20
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 08:21	04/17/2023 08:21	F^
Secchi Disc	1.5	meters			1	04/17/2023 08:21	04/17/2023 08:21	F^
Total Depth	3.7	meters			1	04/17/2023 08:21	04/17/2023 08:21	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53253	umhos/cm			1	03/27/2023 08:21	03/27/2023 08:21	F^
DO Saturation %	87.4	%			1	03/27/2023 08:21	03/27/2023 08:21	F^
Dissolved Oxygen	5.8	mg/L			1	03/27/2023 08:21	03/27/2023 08:21	F^
Salinity	35.1	ppt			1	03/27/2023 08:21	03/27/2023 08:21	F^
Temperature	26.2	°C			1	03/27/2023 08:21	03/27/2023 08:21	F^
pH	8.1	SU			1	03/27/2023 08:21	03/27/2023 08:21	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.971	mg/L	0.20	0.12	1	04/17/2023 13:18	04/17/2023 13:18	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.971	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.1	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 13:59	03/28/2023 13:59	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 13:59	03/28/2023 13:59	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 13:59	03/28/2023 13:59	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895019 Date Collected: 03/27/2023 07:58 Matrix: Water								
Sample ID: CAPRI_PASS_MARKER_2 Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 07:58	04/17/2023 07:58	F^
Secchi Disc	2	meters			1	04/17/2023 07:58	04/17/2023 07:58	F^
Total Depth	5.8	meters			1	04/17/2023 07:58	04/17/2023 07:58	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53266	umhos/cm			1	03/27/2023 07:58	03/27/2023 07:58	F^
DO Saturation %	92.9	%			1	03/27/2023 07:58	03/27/2023 07:58	F^
Dissolved Oxygen	6.08	mg/L			1	03/27/2023 07:58	03/27/2023 07:58	F^
Salinity	35.11	ppt			1	03/27/2023 07:58	03/27/2023 07:58	F^
Temperature	26.3	°C			1	03/27/2023 07:58	03/27/2023 07:58	F^
pH	8.08	SU			1	03/27/2023 07:58	03/27/2023 07:58	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.304	mg/L	0.20	0.12	1	04/17/2023 13:18	04/17/2023 13:18	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.304 I	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.9	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.013 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 14:00	03/28/2023 14:00	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 14:00	03/28/2023 14:00	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 14:00	03/28/2023 14:00	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2301895020 Date Collected: 03/27/2023 08:09 Matrix: Water								
Sample ID: CAPRI_PASS_MARKER_4 Date Received: 03/27/2023 13:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/17/2023 08:09	04/17/2023 08:09	F^
Secchi Disc	1.75	meters			1	04/17/2023 08:09	04/17/2023 08:09	F^
Total Depth	3.2	meters			1	04/17/2023 08:09	04/17/2023 08:09	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53062	umhos/cm			1	03/27/2023 08:09	03/27/2023 08:09	F^
DO Saturation %	94.6	%			1	03/27/2023 08:09	03/27/2023 08:09	F^
Dissolved Oxygen	6.31	mg/L			1	03/27/2023 08:09	03/27/2023 08:09	F^
Salinity	34.95	ppt			1	03/27/2023 08:09	03/27/2023 08:09	F^
Temperature	26	°C			1	03/27/2023 08:09	03/27/2023 08:09	F^
pH	8.16	SU			1	03/27/2023 08:09	03/27/2023 08:09	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	03/27/2023 15:08	03/27/2023 15:08	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.356	mg/L	0.20	0.12	1	04/17/2023 13:18	04/17/2023 13:18	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.356 I	mg/L	0.50	0.20	1	04/03/2023 17:15	04/04/2023 14:28	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.5	NTU	0.10	0.10	1	03/28/2023 13:44	03/28/2023 13:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	04/03/2023 10:20	04/03/2023 16:25	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	04/04/2023 15:55	04/04/2023 15:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	03/28/2023 14:01	03/28/2023 14:01	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	03/28/2023 14:01	03/28/2023 14:01	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	03/28/2023 14:01	03/28/2023 14:01	T





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FINAL

Workorder: MARCO (F2301895)

Analytical Results

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Workorder: MARCO (F2301895)

QC Results

QC Batch: WCAg/10666 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: F2301895001, F2301895002, F2301895003, F2301895004, F2301895005, F2301895006, F2301895007, F2301895008, F2301895009, F2301895010, F2301895011, F2301895012, F2301895013, F2301895014, F2301895015, F2301895016, F2301895017, F2301895018, F2301895019, F2301895020

Method Blank(4735082)

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





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Workorder: MARCO (F2301895)

QC Results

QC Batch: WCAg/10693 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2301895001, F2301895002, F2301895003, F2301895004, F2301895005, F2301895006, F2301895007, F2301895008, F2301895009, F2301895010, F2301895011, F2301895012, F2301895013

Method Blank(4735347)

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





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Workorder: MARCO (F2301895)

QC Results

QC Batch: WCAg/10696 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2301895014, F2301895015, F2301895016, F2301895017, F2301895018, F2301895019, F2301895020

Method Blank(4735366)

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





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Workorder: MARCO (F2301895)

QC Results

QC Batch: WCA1/19543 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2301895001, F2301895002, F2301895003, F2301895004, F2301895005, F2301895006, F2301895007, F2301895008, F2301895009, F2301895010

Method Blank(4727152)

Parameter	Results	Units	PQL	MDL	Lab
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
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	T

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Workorder: MARCO (F2301895)

QC Results

QC Batch: WCA1/19544 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2301895011, F2301895012, F2301895013, F2301895014, F2301895015, F2301895016, F2301895017, F2301895018, F2301895019, F2301895020

Method Blank(4727158)

Parameter	Results	Units	PQL	MDL	Lab
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
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	T





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Workorder: MARCO (F2301895)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1015 - Field Measurements			
F2301895001	BARFIELD_BRIDGE		
F2301895002	OLDE_MARCO		
F2301895003	JH_PARK		
F2301895004	KENDALL		
F2301895005	COLLIER_BRIDGE		
F2301895006	LANDMARK		
F2301895007	LANDMARK_DUP		
F2301895008	HC_CENTER		
F2301895009	SWALLOW		
F2301895010	W_WINTERBERRY_BRIDGE		
F2301895011	E_WINTERBERRY_BRIDGE		
F2301895012	MCILVAINE		
F2301895013	HUMMINGBIRD		
F2301895014	HOLLYHOCK		
F2301895015	WINDMILL		
F2301895016	EQUIPMENT_BLANK		
F2301895017	EAST_RIVER_MARKER_3		
F2301895018	MID_CHANNEL_MARKER_12		
F2301895019	CAPRI_PASS_MARKER_2		
F2301895020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2301895)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1016 - DISRES			
F2301895001	BARFIELD_BRIDGE		
F2301895002	OLDE_MARCO		
F2301895003	JH_PARK		
F2301895004	KENDALL		
F2301895005	COLLIER_BRIDGE		
F2301895006	LANDMARK		
F2301895007	LANDMARK_DUP		
F2301895008	HC_CENTER		
F2301895009	SWALLOW		
F2301895010	W_WINTERBERRY_BRIDGE		
F2301895011	E_WINTERBERRY_BRIDGE		
F2301895012	MCILVAINE		
F2301895013	HUMMINGBIRD		
F2301895014	HOLLYHOCK		
F2301895015	WINDMILL		
F2301895016	EQUIPMENT_BLANK		
F2301895017	EAST_RIVER_MARKER_3		
F2301895018	MID_CHANNEL_MARKER_12		
F2301895019	CAPRI_PASS_MARKER_2		
F2301895020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2301895)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/2434 - ENTEROLERT/ QUANTI-TRAY			
F2301895001	BARFIELD_BRIDGE		
F2301895002	OLDE_MARCO		
F2301895003	JH_PARK		
F2301895004	KENDALL		
F2301895005	COLLIER_BRIDGE		
F2301895006	LANDMARK		
F2301895007	LANDMARK_DUP		
F2301895008	HC_CENTER		
F2301895009	SWALLOW		
F2301895010	W_WINTERBERRY_BRIDGE		
F2301895011	E_WINTERBERRY_BRIDGE		
F2301895012	MCILVAINE		
F2301895013	HUMMINGBIRD		
F2301895014	HOLLYHOCK		
F2301895015	WINDMILL		
F2301895016	EQUIPMENT_BLANK		
F2301895017	EAST_RIVER_MARKER_3		
F2301895018	MID_CHANNEL_MARKER_12		
F2301895019	CAPRI_PASS_MARKER_2		
F2301895020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2301895)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/3268 - EPA 180.1			
F2301895001	BARFIELD_BRIDGE		
F2301895002	OLDE_MARCO		
F2301895003	JH_PARK		
F2301895004	KENDALL		
F2301895005	COLLIER_BRIDGE		
F2301895006	LANDMARK		
F2301895007	LANDMARK_DUP		
F2301895008	HC_CENTER		
F2301895009	SWALLOW		
F2301895010	W_WINTERBERRY_BRIDGE		
F2301895011	E_WINTERBERRY_BRIDGE		
F2301895012	MCILVAINE		
F2301895013	HUMMINGBIRD		
F2301895014	HOLLYHOCK		
F2301895015	WINDMILL		
F2301895016	EQUIPMENT_BLANK		
F2301895017	EAST_RIVER_MARKER_3		
F2301895018	MID_CHANNEL_MARKER_12		
F2301895019	CAPRI_PASS_MARKER_2		
F2301895020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2301895)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/10646 - EPA 365.3			
F2301895001	BARFIELD_BRIDGE	WCAg/10645	EPA 365.3
F2301895002	OLDE_MARCO	WCAg/10645	EPA 365.3
F2301895003	JH_PARK	WCAg/10645	EPA 365.3
F2301895004	KENDALL	WCAg/10645	EPA 365.3
F2301895005	COLLIER_BRIDGE	WCAg/10645	EPA 365.3
F2301895006	LANDMARK	WCAg/10645	EPA 365.3
F2301895007	LANDMARK_DUP	WCAg/10645	EPA 365.3
F2301895008	HC_CENTER	WCAg/10645	EPA 365.3
F2301895009	SWALLOW	WCAg/10645	EPA 365.3
F2301895010	W_WINTERBERRY_BRIDGE	WCAg/10645	EPA 365.3
F2301895011	E_WINTERBERRY_BRIDGE	WCAg/10645	EPA 365.3
F2301895012	MCILVAINE	WCAg/10645	EPA 365.3
F2301895013	HUMMINGBIRD	WCAg/10645	EPA 365.3
F2301895014	HOLLYHOCK	WCAg/10645	EPA 365.3
F2301895015	WINDMILL	WCAg/10645	EPA 365.3
F2301895016	EQUIPMENT_BLANK	WCAg/10645	EPA 365.3
F2301895017	EAST_RIVER_MARKER_3	WCAg/10645	EPA 365.3
F2301895018	MID_CHANNEL_MARKER_12	WCAg/10645	EPA 365.3
F2301895019	CAPRI_PASS_MARKER_2	WCAg/10645	EPA 365.3
F2301895020	CAPRI_PASS_MARKER_4	WCAg/10645	EPA 365.3

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Workorder: MARCO (F2301895)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/10666 - SM 10200 H			
F2301895001	BARFIELD_BRIDGE		
F2301895002	OLDE_MARCO		
F2301895003	JH_PARK		
F2301895004	KENDALL		
F2301895005	COLLIER_BRIDGE		
F2301895006	LANDMARK		
F2301895007	LANDMARK_DUP		
F2301895008	HC_CENTER		
F2301895009	SWALLOW		
F2301895010	W_WINTERBERRY_BRIDGE		
F2301895011	E_WINTERBERRY_BRIDGE		
F2301895012	MCILVAINE		
F2301895013	HUMMINGBIRD		
F2301895014	HOLLYHOCK		
F2301895015	WINDMILL		
F2301895016	EQUIPMENT_BLANK		
F2301895017	EAST_RIVER_MARKER_3		
F2301895018	MID_CHANNEL_MARKER_12		
F2301895019	CAPRI_PASS_MARKER_2		
F2301895020	CAPRI_PASS_MARKER_4		
WCAg/10692 - EPA 351.2			
F2301895001	BARFIELD_BRIDGE	WCAg/10672	Copper Sulfate Digestion
F2301895002	OLDE_MARCO	WCAg/10672	Copper Sulfate Digestion
F2301895003	JH_PARK	WCAg/10672	Copper Sulfate Digestion
F2301895004	KENDALL	WCAg/10672	Copper Sulfate Digestion
F2301895005	COLLIER_BRIDGE	WCAg/10672	Copper Sulfate Digestion
F2301895006	LANDMARK	WCAg/10672	Copper Sulfate Digestion
F2301895007	LANDMARK_DUP	WCAg/10672	Copper Sulfate Digestion
F2301895008	HC_CENTER	WCAg/10672	Copper Sulfate Digestion
F2301895009	SWALLOW	WCAg/10672	Copper Sulfate Digestion
F2301895010	W_WINTERBERRY_BRIDGE	WCAg/10672	Copper Sulfate Digestion
F2301895011	E_WINTERBERRY_BRIDGE	WCAg/10672	Copper Sulfate Digestion
F2301895012	MCILVAINE	WCAg/10672	Copper Sulfate Digestion
F2301895013	HUMMINGBIRD	WCAg/10672	Copper Sulfate Digestion

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/10695 - EPA 351.2			
F2301895014	HOLLYHOCK	WCAg/10673	Copper Sulfate Digestion
F2301895015	WINDMILL	WCAg/10673	Copper Sulfate Digestion
F2301895016	EQUIPMENT_BLANK	WCAg/10673	Copper Sulfate Digestion
F2301895017	EAST_RIVER_MARKER_3	WCAg/10673	Copper Sulfate Digestion
F2301895018	MID_CHANNEL_MARKER_12	WCAg/10673	Copper Sulfate Digestion
F2301895019	CAPRI_PASS_MARKER_2	WCAg/10673	Copper Sulfate Digestion
F2301895020	CAPRI_PASS_MARKER_4	WCAg/10673	Copper Sulfate Digestion
WCAI/19543 - SM 4500NO3-F (Low Level)			
F2301895001	BARFIELD_BRIDGE		
F2301895002	OLDE_MARCO		
F2301895003	JH_PARK		
F2301895004	KENDALL		
F2301895005	COLLIER_BRIDGE		
F2301895006	LANDMARK		
F2301895007	LANDMARK_DUP		
F2301895008	HC_CENTER		
F2301895009	SWALLOW		
F2301895010	W_WINTERBERRY_BRIDGE		
WCAI/19544 - SM 4500NO3-F (Low Level)			
F2301895011	E_WINTERBERRY_BRIDGE		
F2301895012	MCILVAINE		
F2301895013	HUMMINGBIRD		
F2301895014	HOLLYHOCK		
F2301895015	WINDMILL		
F2301895016	EQUIPMENT_BLANK		
F2301895017	EAST_RIVER_MARKER_3		
F2301895018	MID_CHANNEL_MARKER_12		
F2301895019	CAPRI_PASS_MARKER_2		
F2301895020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2301895)



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- Fort Myers: 13100 Westlinks Terrace, Ste. 10 Ft. 33913 - 238-674-8130 - Lab ID: E84492
- Jacksonville: 6551 Southport Pkwy., Ft. 32216 - 904-383-9350 - Lab ID: E32574
- Tallahassee: 2039 North Monroe St., Ste. D, Ft. 32303 - 850-218-0274 - Lab ID: E811055

- Galilei
- Miram
- Tampa



* F 2 3 0 1 8 9 5 *

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 Tomassetti		FDEP Facility Addr.:	
Sampled By: P. Marard		Special Instructions:	
Turn Around Time: Standard <input checked="" type="checkbox"/> Rush			
AEL Profile #: 65884			

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	EQUIS		Other	WIN
			DATE	TIME		
	BARFIELD_BRIDGE	Grab	3/27/23	07:15	SW	4
	OLDE_MARCO	Grab		07:07	SW	4
	JH_PARK	Grab		07:32	SW	4
	KENDALL	Grab		07:45	SW	4
	COLLIER_BRIDGE	Grab		07:58	SW	4
	LANDMARK	Grab		10:10	SW	4
	LANDMARK_DUP	Grab		10:15	SW	4
	HC_CENTER	Grab		10:24	SW	4
	SWALLOW	Grab		10:40	SW	4
	W_WINTERBERRY_BRIDGE	Grab		10:55	SW	4

ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	Preservation			
		Ice	H2SO4	Ice	None
NO2/NO3	250 mL Plastic	X	X	X	X
TKN/TP/TN	250 mL Plastic	X	X	X	X
Chlor-A/Turbidity	1L Amb Plastic	X	X	X	X
Enterococci	100 mL Cup	X	X	X	X

LABORATORY I.D. NUMBER	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	

Matrix Code: WW = 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 IR temp gun used): 4.1 °C Temp, when received (corrected) 4.1 °C

Temp, when received (observed) 4.1 °C

Relinquished by: [Signature] Date: 3/27/23 Time: 13:20

Received by: [Signature] Date: 3/27/23 Time: 13:20

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site Address: _____



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Workorder: MARCO (F2301895)



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- Fort Myers, 13100 Westlinks Terrace, Ste. 10, Ft. 33913 • (239) 674-8130 • Lab ID: ES4492
- Jacksonville, 6801 Southgate Pkwy., Ft. 32216 • (904) 383-3500 • Lab ID: ES2574
- Tallahassee, 2029 North Monroe St., Ste. 0, Ft. 32303 • (904) 219-6274 • Lab ID: ES11055

F2301895 Page 2 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. Mannard		ADAPT	
Turn Around Time: Standard X Rush		EQUIS	
AEL Profile #: 658984		Other	
SAMPLE ID		LABORATORY I.D. NUMBER	
E_WINTERBERRY_BRIDGE		011	
MCILVAINE		012	
HUMMINGBIRD		013	
HOLLYHOCK		014	
WINDMILL		015	
EQUIPMENT_BLANK		016	
EAST RIVER-MARKER 3		017	
MID CHANNEL-MARKER 12		018	
CAPRI PASS-MARKER 2		019	
CAPRI PASS-MARKER 4		020	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED				BOTTLE SIZE & TYPE
			DATE	TIME			NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci	
	E_WINTERBERRY_BRIDGE	Grab	3/21/23	11:05	SW	4	X	X	X	X	250 mL Plastic
	MCILVAINE	Grab		11:18	SW	4	X	X	X	X	250 mL Plastic
	HUMMINGBIRD	Grab		11:35	SW	4	X	X	X	X	1L Amb Plastic
	HOLLYHOCK	Grab		11:47	SW	4	X	X	X	X	100 mL Cup
	WINDMILL	Grab		11:57	SW	4	X	X	X	X	
	EQUIPMENT_BLANK	Grab		12:05	SW	4	X	X	X	X	
	EAST RIVER-MARKER 3	Grab		08:41	SW	4	X	X	X	X	
	MID CHANNEL-MARKER 12	Grab		08:21	SW	4	X	X	X	X	
	CAPRI PASS-MARKER 2	Grab		07:58	SW	4	X	X	X	X	
	CAPRI PASS-MARKER 4	Grab		08:09	SW	4	X	X	X	X	

Matrix Code: WW = 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

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 7V F: 1A

Temp, when received (observed) 41.1 °C Temp, when received (corrected) 41.1 °C

Temp, when received (corrected) 41.1 °C

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





FINAL

Workorder: MARCO (F2301895)

Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL	
SAMPLE TIME	07:15	07:18	09:07	09:11	09:32	09:35	09:45	09:48	
SAMPLE DEPTH	0.30m top	1.5	0.30m top	1.0	0.30m top	1.5	0.30m top	0.5	
TOTAL DEPTH	2.0	2.0	1.5	1.5	2.0	2.0	1.0	1.0	
TEMP /C	25.9	25.9	26.0	26.0	26.1	26.1	26.0	25.9	
D.O. mg / L	4.64	4.74	3.82	3.69	5.30	5.30	3.88	3.37	
D.O. % sat.	69.5	70.2	57.4	55.4	79.4	79.4	58.2	50.4	
CONDUCTIVITY(umhos)	51477	53093	53259	53327	52759	52848	52720	52756	
SALINITY ppt.	33.75	34.99	35.11	35.17	34.73	34.81	34.72	34.75	
pH su.	7.90	7.94	8.07	8.06	8.05	8.06	8.03	8.03	
SECCHI DEPTH	1.5	1.5	1.0	1.0	1.5	1.5	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) /	B.Miller / AEL				Sampler's Signature	<i>B.Miller</i>		Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES								3/27/23	

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FINAL

Workorder: MARCO (F2301895)

Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP	HC CENTER	HC CENTER	
SAMPLE TIME	09:58	10:02	10:10	10:13	10:15	10:18	10:24	10:27	
SAMPLE DEPTH	0.30m top	1.25	0.30m top	1.25	0.30m top	1.25	0.30m top	0.5	
TOTAL DEPTH	1.75	1.75	1.75	1.75	1.75	1.75	1.0	1.0	
TEMP /C	25.8	25.7	26.1	26.1	26.1	26.1	25.7	25.7	
D.O. mg / L	3.76	3.47	4.29	4.17	4.38	4.18	3.87	3.38	
D.O. % sat.	56.0	51.7	64.3	62.5	65.1	62.6	57.8	50.4	
CONDUCTIVITY(umhos)	52552	52595	52608	52629	52612	52634	52692	52696	
SALINITY ppt.	34.59	34.63	34.63	34.64	34.63	34.65	34.71	34.71	
pH su.	8.04	8.05	8.14	8.12	8.14	8.12	8.00	8.01	
SECCHI DEPTH	1.75	1.75	1.75	1.75	1.75	1.75	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				Sampler's Signature	<i>B Miller</i>		Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				3/27/23					





FINAL

Workorder: MARCO (F2301895)

Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	SWALLOW	SWALLOW	WEST WB BRIDGE	WEST WB BRIDGE	EAST WB BRIDGE	EAST WB BRIDGE	MCILVAINE	MCILVAINE	
SAMPLE TIME	10:40	11:43	10:55	10:58	11:05	11:08	11:18	11:22	
SAMPLE DEPTH	0.30m top	1.5	0.30m top	1.5	0.30m top	1.5	0.30m top	1.5	
TOTAL DEPTH	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
TEMP /C	25.7	25.6	25.9	25.8	26.3	26.0	26.2	26.2	
D.O. mg / L	3.89	4.01	4.65	3.85	4.60	3.76	4.83	4.24	
D.O. % sat.	58.2	59.3	69.6	57.5	69.2	56.3	72.9	63.9	
CONDUCTIVITY(umhos)	52389	52801	53017	53048	52687	52929	53366	53379	
SALINITY ppt.	34.48	34.79	34.93	34.96	34.68	34.88	35.20	35.20	
pH su.	8.12	8.17	8.11	8.09	8.10	8.08	8.13	8.13	
SECCHI DEPTH	1.5	1.5	1.5	1.5	1.25	1.25	1.25	1.25	
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	<i>B Miller</i>		Date	
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FINAL

Workorder: MARCO (F2301895)

Advanced Environmental Laboratories, Inc							
Client Name:	CITY OF MARCO ISLAND			Site Name:	MARCO ISLAND WATERWAYS		
Water Sample Parameters							
SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK
SAMPLE TIME	11:35	11:39	11:47	11:50	11:57	12:00	12:05
SAMPLE DEPTH	0.30m top	0.75	0.30m top	1.0	0.30m top	1.5	NA
TOTAL DEPTH	1.25	1.25	1.5	1.5	2.0	2.0	NA
TEMP /C	26.5	26.5	26.6	26.6	26.4	26.2	NA
D.O. mg / L	4.43	3.88	4.21	3.73	5.53	4.61	NA
D.O. % sat.	67.0	58.6	64.0	56.7	83.9	66.5	NA
CONDUCTIVITY(umhos)	52739	52766	53466	53534	52982	53311	NA
SALINITY ppt.	34.72	34.74	35.25	35.31	34.91	35.16	NA
pH su.	8.08	8.09	8.02	8.02	8.11	8.11	NA
SECCHI DEPTH	1.25	1.25	1.0	1.0	1.0	1.0	NA
FIELD COMMENTS:							NA
WEATHER :	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
Authentication							
SAMPLED BY: (PRINT) /	BM / AEL			Sampler's Signature	<i>B Miller</i>		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES							3/27/23





FINAL

Workorder: MARCO (F2301895)

Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	East River-Marker 3	East River-Marker 3	Mid Channel-Marker 12	Mid Channel-Marker 12	Capri Pass-Marker 2	Capri Pass-Marker 2	Capri Pass-Marker 4	Capri Pass-Marker 4	
SAMPLE TIME	08:41	08:47	08:21	08:26	07:58	08:04	08:09	08:15	
SAMPLE DEPTH	0.30m top	2.0	0.30m top	3.0	0.30m top	3.5	0.30m top	3.0	
TOTAL DEPTH	2.4	2.4	3.7	3.7	5.8	5.8	3.2	3.7	
TEMP /C	26.4	26.2	26.2	26.0	26.3	26.2	26.0	25.9	
D.O. mg / L	4.96	4.82	5.80	5.91	6.08	6.06	6.31	6.23	
D.O. % sat.	75.1	72.9	87.4	87.5	92.9	92.8	94.6	93.3	
CONDUCTIVITY(umhos)	53553	53659	53253	53286	53266	53367	53062	53126	
SALINITY ppt.	35.31	35.41	35.10	35.13	35.11	35.19	34.95	35.02	
pH su.	8.02	8.02	8.10	8.10	8.08	8.09	8.16	8.17	
SECCHI DEPTH	2.0	2.0	1.5	1.5	2.0	2.0	1.75	1.75	
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				Sampler's Signature	<i>B Miller</i>		Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES									

