



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: MARCO (F2302907)

June 14, 2023

Justin Martin
City of Marco Island
1310 San Marco Rd
Marco Island, FL 34145

RE: Workorder: F2302907 MARCO

Dear Justin Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday May 11, 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 (F2302907)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302907001	BARFIELD_BRIDGE	WA	Calculation	05/11/2023 09:07	05/11/2023 14:00	1	NA
F2302907001	BARFIELD_BRIDGE	WA	DISRES	05/11/2023 09:07	05/11/2023 14:00	3	NA
F2302907001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 09:07	05/11/2023 14:00	1	NA
F2302907001	BARFIELD_BRIDGE	WA	EPA 180.1	05/11/2023 09:07	05/11/2023 14:00	1	NA
F2302907001	BARFIELD_BRIDGE	WA	EPA 351.2	05/11/2023 09:07	05/11/2023 14:00	1	NA
F2302907001	BARFIELD_BRIDGE	WA	EPA 365.3	05/11/2023 09:07	05/11/2023 14:00	1	NA
F2302907001	BARFIELD_BRIDGE	WA	Field Measurements	05/11/2023 09:07	05/11/2023 14:00	6	NA
F2302907001	BARFIELD_BRIDGE	WA	SM 10200 H	05/11/2023 09:07	05/11/2023 14:00	2	NA
F2302907001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	05/11/2023 09:07	05/11/2023 14:00	3	NA
F2302907002	OLDE_MARCO	WA	Calculation	05/11/2023 08:56	05/11/2023 14:00	1	NA
F2302907002	OLDE_MARCO	WA	DISRES	05/11/2023 08:56	05/11/2023 14:00	3	NA
F2302907002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 08:56	05/11/2023 14:00	1	NA
F2302907002	OLDE_MARCO	WA	EPA 180.1	05/11/2023 08:56	05/11/2023 14:00	1	NA
F2302907002	OLDE_MARCO	WA	EPA 351.2	05/11/2023 08:56	05/11/2023 14:00	1	NA
F2302907002	OLDE_MARCO	WA	EPA 365.3	05/11/2023 08:56	05/11/2023 14:00	1	NA
F2302907002	OLDE_MARCO	WA	Field Measurements	05/11/2023 08:56	05/11/2023 14:00	6	NA
F2302907002	OLDE_MARCO	WA	SM 10200 H	05/11/2023 08:56	05/11/2023 14:00	2	NA
F2302907002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	05/11/2023 08:56	05/11/2023 14:00	3	NA
F2302907003	JH_PARK	WA	Calculation	05/11/2023 09:21	05/11/2023 14:00	1	NA
F2302907003	JH_PARK	WA	DISRES	05/11/2023 09:21	05/11/2023 14:00	3	NA
F2302907003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 09:21	05/11/2023 14:00	1	NA
F2302907003	JH_PARK	WA	EPA 180.1	05/11/2023 09:21	05/11/2023 14:00	1	NA
F2302907003	JH_PARK	WA	EPA 351.2	05/11/2023 09:21	05/11/2023 14:00	1	NA
F2302907003	JH_PARK	WA	EPA 365.3	05/11/2023 09:21	05/11/2023 14:00	1	NA
F2302907003	JH_PARK	WA	Field Measurements	05/11/2023 09:21	05/11/2023 14:00	6	NA
F2302907003	JH_PARK	WA	SM 10200 H	05/11/2023 09:21	05/11/2023 14:00	2	NA
F2302907003	JH_PARK	WA	SM 4500NO3-F (Low Level)	05/11/2023 09:21	05/11/2023 14:00	3	NA
F2302907004	KENDALL	WA	Calculation	05/11/2023 09:33	05/11/2023 14:00	1	NA
F2302907004	KENDALL	WA	DISRES	05/11/2023 09:33	05/11/2023 14:00	3	NA
F2302907004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 09:33	05/11/2023 14:00	1	NA
F2302907004	KENDALL	WA	EPA 180.1	05/11/2023 09:33	05/11/2023 14:00	1	NA
F2302907004	KENDALL	WA	EPA 351.2	05/11/2023 09:33	05/11/2023 14:00	1	NA
F2302907004	KENDALL	WA	EPA 365.3	05/11/2023 09:33	05/11/2023 14:00	1	NA
F2302907004	KENDALL	WA	Field Measurements	05/11/2023 09:33	05/11/2023 14:00	6	NA

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Workorder: MARCO (F2302907)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302907004	KENDALL	WA	SM 10200 H	05/11/2023 09:33	05/11/2023 14:00	2	NA
F2302907004	KENDALL	WA	SM 4500NO3-F (Low Level)	05/11/2023 09:33	05/11/2023 14:00	3	NA
F2302907005	COLLIER_BRIDGE	WA	Calculation	05/11/2023 09:44	05/11/2023 14:00	1	NA
F2302907005	COLLIER_BRIDGE	WA	DISRES	05/11/2023 09:44	05/11/2023 14:00	3	NA
F2302907005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 09:44	05/11/2023 14:00	1	NA
F2302907005	COLLIER_BRIDGE	WA	EPA 180.1	05/11/2023 09:44	05/11/2023 14:00	1	NA
F2302907005	COLLIER_BRIDGE	WA	EPA 351.2	05/11/2023 09:44	05/11/2023 14:00	1	NA
F2302907005	COLLIER_BRIDGE	WA	EPA 365.3	05/11/2023 09:44	05/11/2023 14:00	1	NA
F2302907005	COLLIER_BRIDGE	WA	Field Measurements	05/11/2023 09:44	05/11/2023 14:00	6	NA
F2302907005	COLLIER_BRIDGE	WA	SM 10200 H	05/11/2023 09:44	05/11/2023 14:00	2	NA
F2302907005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	05/11/2023 09:44	05/11/2023 14:00	3	NA
F2302907006	LANDMARK	WA	Calculation	05/11/2023 09:53	05/11/2023 14:00	1	NA
F2302907006	LANDMARK	WA	DISRES	05/11/2023 09:53	05/11/2023 14:00	3	NA
F2302907006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 09:53	05/11/2023 14:00	1	NA
F2302907006	LANDMARK	WA	EPA 180.1	05/11/2023 09:53	05/11/2023 14:00	1	NA
F2302907006	LANDMARK	WA	EPA 351.2	05/11/2023 09:53	05/11/2023 14:00	1	NA
F2302907006	LANDMARK	WA	EPA 365.3	05/11/2023 09:53	05/11/2023 14:00	1	NA
F2302907006	LANDMARK	WA	Field Measurements	05/11/2023 09:53	05/11/2023 14:00	6	NA
F2302907006	LANDMARK	WA	SM 10200 H	05/11/2023 09:53	05/11/2023 14:00	2	NA
F2302907006	LANDMARK	WA	SM 4500NO3-F (Low Level)	05/11/2023 09:53	05/11/2023 14:00	3	NA
F2302907007	LANDMARK_DUP	WA	Calculation	05/11/2023 09:58	05/11/2023 14:00	1	NA
F2302907007	LANDMARK_DUP	WA	DISRES	05/11/2023 09:58	05/11/2023 14:00	3	NA
F2302907007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 09:58	05/11/2023 14:00	1	NA
F2302907007	LANDMARK_DUP	WA	EPA 180.1	05/11/2023 09:58	05/11/2023 14:00	1	NA
F2302907007	LANDMARK_DUP	WA	EPA 351.2	05/11/2023 09:58	05/11/2023 14:00	1	NA
F2302907007	LANDMARK_DUP	WA	EPA 365.3	05/11/2023 09:58	05/11/2023 14:00	1	NA
F2302907007	LANDMARK_DUP	WA	Field Measurements	05/11/2023 09:58	05/11/2023 14:00	6	NA
F2302907007	LANDMARK_DUP	WA	SM 10200 H	05/11/2023 09:58	05/11/2023 14:00	2	NA
F2302907007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	05/11/2023 09:58	05/11/2023 14:00	3	NA
F2302907008	HC_CENTER	WA	Calculation	05/11/2023 10:05	05/11/2023 14:00	1	NA
F2302907008	HC_CENTER	WA	DISRES	05/11/2023 10:05	05/11/2023 14:00	3	NA
F2302907008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 10:05	05/11/2023 14:00	1	NA
F2302907008	HC_CENTER	WA	EPA 180.1	05/11/2023 10:05	05/11/2023 14:00	1	NA
F2302907008	HC_CENTER	WA	EPA 351.2	05/11/2023 10:05	05/11/2023 14:00	1	NA

Wednesday, June 14, 2023 11:15:48 PM
 Dates and times are displayed using (-04:00)
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Workorder: MARCO (F2302907)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302907008	HC_CENTER	WA	EPA 365.3	05/11/2023 10:05	05/11/2023 14:00	1	NA
F2302907008	HC_CENTER	WA	Field Measurements	05/11/2023 10:05	05/11/2023 14:00	6	NA
F2302907008	HC_CENTER	WA	SM 10200 H	05/11/2023 10:05	05/11/2023 14:00	2	NA
F2302907008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	05/11/2023 10:05	05/11/2023 14:00	3	NA
F2302907009	SWALLOW	WA	Calculation	05/11/2023 10:18	05/11/2023 14:00	1	NA
F2302907009	SWALLOW	WA	DISRES	05/11/2023 10:18	05/11/2023 14:00	3	NA
F2302907009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 10:18	05/11/2023 14:00	1	NA
F2302907009	SWALLOW	WA	EPA 180.1	05/11/2023 10:18	05/11/2023 14:00	1	NA
F2302907009	SWALLOW	WA	EPA 351.2	05/11/2023 10:18	05/11/2023 14:00	1	NA
F2302907009	SWALLOW	WA	EPA 365.3	05/11/2023 10:18	05/11/2023 14:00	1	NA
F2302907009	SWALLOW	WA	Field Measurements	05/11/2023 10:18	05/11/2023 14:00	6	NA
F2302907009	SWALLOW	WA	SM 10200 H	05/11/2023 10:18	05/11/2023 14:00	2	NA
F2302907009	SWALLOW	WA	SM 4500NO3-F (Low Level)	05/11/2023 10:18	05/11/2023 14:00	3	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	Calculation	05/11/2023 10:46	05/11/2023 14:00	1	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	DISRES	05/11/2023 10:46	05/11/2023 14:00	3	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 10:46	05/11/2023 14:00	1	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	05/11/2023 10:46	05/11/2023 14:00	1	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	05/11/2023 10:46	05/11/2023 14:00	1	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	05/11/2023 10:46	05/11/2023 14:00	1	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	05/11/2023 10:46	05/11/2023 14:00	6	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	05/11/2023 10:46	05/11/2023 14:00	2	NA
F2302907010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	05/11/2023 10:46	05/11/2023 14:00	3	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	Calculation	05/11/2023 10:54	05/11/2023 14:00	1	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	DISRES	05/11/2023 10:54	05/11/2023 14:00	3	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 10:54	05/11/2023 14:00	1	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	05/11/2023 10:54	05/11/2023 14:00	1	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	05/11/2023 10:54	05/11/2023 14:00	1	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	05/11/2023 10:54	05/11/2023 14:00	1	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	05/11/2023 10:54	05/11/2023 14:00	6	NA
F2302907011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	05/11/2023 10:54	05/11/2023 14:00	2	NA

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Workorder: MARCO (F2302907)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302907011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	05/11/2023 10:54	05/11/2023 14:00	3	NA
F2302907012	MCILVAINE	WA	Calculation	05/11/2023 11:08	05/11/2023 14:00	1	NA
F2302907012	MCILVAINE	WA	DISRES	05/11/2023 11:08	05/11/2023 14:00	3	NA
F2302907012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	05/11/2023 11:08	05/11/2023 14:00	1	NA
F2302907012	MCILVAINE	WA	EPA 180.1	05/11/2023 11:08	05/11/2023 14:00	1	NA
F2302907012	MCILVAINE	WA	EPA 351.2	05/11/2023 11:08	05/11/2023 14:00	1	NA
F2302907012	MCILVAINE	WA	EPA 365.3	05/11/2023 11:08	05/11/2023 14:00	1	NA
F2302907012	MCILVAINE	WA	Field Measurements	05/11/2023 11:08	05/11/2023 14:00	6	NA
F2302907012	MCILVAINE	WA	SM 10200 H	05/11/2023 11:08	05/11/2023 14:00	2	NA
F2302907012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	05/11/2023 11:08	05/11/2023 14:00	3	NA
F2302907013	HUMMINGBIRD	WA	Calculation	05/11/2023 11:20	05/11/2023 14:00	1	NA
F2302907013	HUMMINGBIRD	WA	DISRES	05/11/2023 11:20	05/11/2023 14:00	3	NA
F2302907013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	05/11/2023 11:20	05/11/2023 14:00	1	NA
F2302907013	HUMMINGBIRD	WA	EPA 180.1	05/11/2023 11:20	05/11/2023 14:00	1	NA
F2302907013	HUMMINGBIRD	WA	EPA 351.2	05/11/2023 11:20	05/11/2023 14:00	1	NA
F2302907013	HUMMINGBIRD	WA	EPA 365.3	05/11/2023 11:20	05/11/2023 14:00	1	NA
F2302907013	HUMMINGBIRD	WA	Field Measurements	05/11/2023 11:20	05/11/2023 14:00	6	NA
F2302907013	HUMMINGBIRD	WA	SM 10200 H	05/11/2023 11:20	05/11/2023 14:00	2	NA
F2302907013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	05/11/2023 11:20	05/11/2023 14:00	3	NA
F2302907014	HOLLYHOCK	WA	Calculation	05/11/2023 11:29	05/11/2023 14:00	1	NA
F2302907014	HOLLYHOCK	WA	DISRES	05/11/2023 11:29	05/11/2023 14:00	3	NA
F2302907014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	05/11/2023 11:29	05/11/2023 14:00	1	NA
F2302907014	HOLLYHOCK	WA	EPA 180.1	05/11/2023 11:29	05/11/2023 14:00	1	NA
F2302907014	HOLLYHOCK	WA	EPA 351.2	05/11/2023 11:29	05/11/2023 14:00	1	NA
F2302907014	HOLLYHOCK	WA	EPA 365.3	05/11/2023 11:29	05/11/2023 14:00	1	NA
F2302907014	HOLLYHOCK	WA	Field Measurements	05/11/2023 11:29	05/11/2023 14:00	6	NA
F2302907014	HOLLYHOCK	WA	SM 10200 H	05/11/2023 11:29	05/11/2023 14:00	2	NA
F2302907014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	05/11/2023 11:29	05/11/2023 14:00	3	NA
F2302907015	WINDMILL	WA	Calculation	05/11/2023 11:40	05/11/2023 14:00	1	NA
F2302907015	WINDMILL	WA	DISRES	05/11/2023 11:40	05/11/2023 14:00	3	NA
F2302907015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	05/11/2023 11:40	05/11/2023 14:00	1	NA
F2302907015	WINDMILL	WA	EPA 180.1	05/11/2023 11:40	05/11/2023 14:00	1	NA
F2302907015	WINDMILL	WA	EPA 351.2	05/11/2023 11:40	05/11/2023 14:00	1	NA

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Workorder: MARCO (F2302907)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302907015	WINDMILL	WA	EPA 365.3	05/11/2023 11:40	05/11/2023 14:00	1	NA
F2302907015	WINDMILL	WA	Field Measurements	05/11/2023 11:40	05/11/2023 14:00	6	NA
F2302907015	WINDMILL	WA	SM 10200 H	05/11/2023 11:40	05/11/2023 14:00	2	NA
F2302907015	WINDMILL	WA	SM 4500NO3-F (Low Level)	05/11/2023 11:40	05/11/2023 14:00	3	NA
F2302907016	EQUIPMENT_BLANK	WA	Calculation	05/11/2023 11:52	05/11/2023 14:00	1	NA
F2302907016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 11:52	05/11/2023 14:00	1	NA
F2302907016	EQUIPMENT_BLANK	WA	EPA 180.1	05/11/2023 11:52	05/11/2023 14:00	1	NA
F2302907016	EQUIPMENT_BLANK	WA	EPA 351.2	05/11/2023 11:52	05/11/2023 14:00	1	NA
F2302907016	EQUIPMENT_BLANK	WA	EPA 365.3	05/11/2023 11:52	05/11/2023 14:00	1	NA
F2302907016	EQUIPMENT_BLANK	WA	SM 10200 H	05/11/2023 11:52	05/11/2023 14:00	2	NA
F2302907016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	05/11/2023 11:52	05/11/2023 14:00	3	NA
F2302907017	EAST_RIVER_MARKER_3	WA	Calculation	05/11/2023 08:36	05/11/2023 14:00	1	NA
F2302907017	EAST_RIVER_MARKER_3	WA	DISRES	05/11/2023 08:36	05/11/2023 14:00	3	NA
F2302907017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 08:36	05/11/2023 14:00	1	NA
F2302907017	EAST_RIVER_MARKER_3	WA	EPA 180.1	05/11/2023 08:36	05/11/2023 14:00	1	NA
F2302907017	EAST_RIVER_MARKER_3	WA	EPA 351.2	05/11/2023 08:36	05/11/2023 14:00	1	NA
F2302907017	EAST_RIVER_MARKER_3	WA	EPA 365.3	05/11/2023 08:36	05/11/2023 14:00	1	NA
F2302907017	EAST_RIVER_MARKER_3	WA	Field Measurements	05/11/2023 08:36	05/11/2023 14:00	6	NA
F2302907017	EAST_RIVER_MARKER_3	WA	SM 10200 H	05/11/2023 08:36	05/11/2023 14:00	2	NA
F2302907017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	05/11/2023 08:36	05/11/2023 14:00	3	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	Calculation	05/11/2023 08:17	05/11/2023 14:00	1	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	DISRES	05/11/2023 08:17	05/11/2023 14:00	3	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 08:17	05/11/2023 14:00	1	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	05/11/2023 08:17	05/11/2023 14:00	1	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	05/11/2023 08:17	05/11/2023 14:00	1	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	05/11/2023 08:17	05/11/2023 14:00	1	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	Field Measurements	05/11/2023 08:17	05/11/2023 14:00	6	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	05/11/2023 08:17	05/11/2023 14:00	2	NA
F2302907018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	05/11/2023 08:17	05/11/2023 14:00	3	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	Calculation	05/11/2023 07:56	05/11/2023 14:00	1	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	DISRES	05/11/2023 07:56	05/11/2023 14:00	3	NA

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Workorder: MARCO (F2302907)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302907019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 07:56	05/11/2023 14:00	1	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	05/11/2023 07:56	05/11/2023 14:00	1	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	05/11/2023 07:56	05/11/2023 14:00	1	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	05/11/2023 07:56	05/11/2023 14:00	1	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	Field Measurements	05/11/2023 07:56	05/11/2023 14:00	6	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	05/11/2023 07:56	05/11/2023 14:00	2	NA
F2302907019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	05/11/2023 07:56	05/11/2023 14:00	3	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	Calculation	05/11/2023 08:07	05/11/2023 14:00	1	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	DISRES	05/11/2023 08:07	05/11/2023 14:00	3	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	05/11/2023 08:07	05/11/2023 14:00	1	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	05/11/2023 08:07	05/11/2023 14:00	1	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	05/11/2023 08:07	05/11/2023 14:00	1	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	05/11/2023 08:07	05/11/2023 14:00	1	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	Field Measurements	05/11/2023 08:07	05/11/2023 14:00	6	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	05/11/2023 08:07	05/11/2023 14:00	2	NA
F2302907020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	05/11/2023 08:07	05/11/2023 14:00	3	NA

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Workorder: MARCO (F2302907)

Workorder Summary

Batch Comments

WCAg/11362 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for A2305738001 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike (MS) recoveries of TKN for F2302907015 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of F2302907015 was outside control criteria: TKN. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

WCAg/11364 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for G2304847002 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike (MS) recoveries of TKN for J2307072002 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of G2304847002 was outside control criteria: TKN. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

WCAI/20640 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate+Nitrite for F2302907020 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) and Relative Percent Difference (%RPD) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

Analysis Results Comments

F2302907001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2302907001-20 were filtered on 5/12/2023 at 11:00

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Workorder: MARCO (F2302907)

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 (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907001 Date Collected: 05/11/2023 09:07 Matrix: Water								
Sample ID: BARFIELD_BRIDGE Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 09:07	05/11/2023 09:07	F^
Secchi Disc	2	meters			1	05/11/2023 09:07	05/11/2023 09:07	F^
Total Depth	2.5	meters			1	05/11/2023 09:07	05/11/2023 09:07	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53281	umhos/cm			1	05/11/2023 09:07	05/11/2023 09:07	F^
DO Saturation %	67.7	%			1	05/11/2023 09:07	05/11/2023 09:07	F^
Dissolved Oxygen	4.32	mg/L			1	05/11/2023 09:07	05/11/2023 09:07	F^
Salinity	35.06	ppt			1	05/11/2023 09:07	05/11/2023 09:07	F^
Temperature	28.5	°C			1	05/11/2023 09:07	05/11/2023 09:07	F^
pH	7.97	SU			1	05/11/2023 09:07	05/11/2023 09:07	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 22:53	06/14/2023 22:53	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.5	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:45	05/12/2023 12:45	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:45	05/12/2023 12:45	T
Nitrite (as N)	0.0080 I	mg/L	0.010	0.0080	1	05/12/2023 12:45	05/12/2023 12:45	T





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Workorder: MARCO (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907002 Date Collected: 05/11/2023 08:56 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 08:56	05/11/2023 08:56	F^
Secchi Disc	2	meters			1	05/11/2023 08:56	05/11/2023 08:56	F^
Total Depth	2.5	meters			1	05/11/2023 08:56	05/11/2023 08:56	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53096	umhos/cm			1	05/11/2023 08:56	05/11/2023 08:56	F^
DO Saturation %	50.1	%			1	05/11/2023 08:56	05/11/2023 08:56	F^
Dissolved Oxygen	3.21	mg/L			1	05/11/2023 08:56	05/11/2023 08:56	F^
Salinity	34.92	ppt			1	05/11/2023 08:56	05/11/2023 08:56	F^
Temperature	28.4	°C			1	05/11/2023 08:56	05/11/2023 08:56	F^
pH	8.01	SU			1	05/11/2023 08:56	05/11/2023 08:56	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 22:55	06/14/2023 22:55	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.0	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.058	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.6 I	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:45	05/12/2023 12:45	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:45	05/12/2023 12:45	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:45	05/12/2023 12:45	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907003 Date Collected: 05/11/2023 09:21 Matrix: Water								
Sample ID: JH_PARK Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 09:21	05/11/2023 09:21	F^
Secchi Disc	2	meters			1	05/11/2023 09:21	05/11/2023 09:21	F^
Total Depth	3	meters			1	05/11/2023 09:21	05/11/2023 09:21	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52852	umhos/cm			1	05/11/2023 09:21	05/11/2023 09:21	F^
DO Saturation %	76.9	%			1	05/11/2023 09:21	05/11/2023 09:21	F^
Dissolved Oxygen	4.92	mg/L			1	05/11/2023 09:21	05/11/2023 09:21	F^
Salinity	34.71	ppt			1	05/11/2023 09:21	05/11/2023 09:21	F^
Temperature	28.6	°C			1	05/11/2023 09:21	05/11/2023 09:21	F^
pH	7.95	SU			1	05/11/2023 09:21	05/11/2023 09:21	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.234	mg/L	0.20	0.12	1	06/14/2023 22:55	06/14/2023 22:55	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.234 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.9	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.045	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:46	05/12/2023 12:46	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:46	05/12/2023 12:46	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:46	05/12/2023 12:46	T





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Workorder: MARCO (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907004 Date Collected: 05/11/2023 09:33 Matrix: Water								
Sample ID: KENDALL Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 09:33	05/11/2023 09:33	F^
Secchi Disc	1.5	meters			1	05/11/2023 09:33	05/11/2023 09:33	F^
Total Depth	1.5	meters			1	05/11/2023 09:33	05/11/2023 09:33	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52702	umhos/cm			1	05/11/2023 09:33	05/11/2023 09:33	F^
DO Saturation %	57.8	%			1	05/11/2023 09:33	05/11/2023 09:33	F^
Dissolved Oxygen	3.67	mg/L			1	05/11/2023 09:33	05/11/2023 09:33	F^
Salinity	34.64	ppt			1	05/11/2023 09:33	05/11/2023 09:33	F^
Temperature	28.4	°C			1	05/11/2023 09:33	05/11/2023 09:33	F^
pH	7.92	SU			1	05/11/2023 09:33	05/11/2023 09:33	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.257	mg/L	0.20	0.12	1	06/14/2023 22:56	06/14/2023 22:56	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.257 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.4	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.021	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:47	05/12/2023 12:47	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:47	05/12/2023 12:47	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:47	05/12/2023 12:47	T





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Workorder: MARCO (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907005 Date Collected: 05/11/2023 09:44 Matrix: Water								
Sample ID: COLLIER_BRIDGE Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 09:44	05/11/2023 09:44	F^
Secchi Disc	2	meters			1	05/11/2023 09:44	05/11/2023 09:44	F^
Total Depth	2	meters			1	05/11/2023 09:44	05/11/2023 09:44	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52391	umhos/cm			1	05/11/2023 09:44	05/11/2023 09:44	F^
DO Saturation %	51.1	%			1	05/11/2023 09:44	05/11/2023 09:44	F^
Dissolved Oxygen	2.63	mg/L			1	05/11/2023 09:44	05/11/2023 09:44	F^
Salinity	34.39	ppt			1	05/11/2023 09:44	05/11/2023 09:44	F^
Temperature	28.8	°C			1	05/11/2023 09:44	05/11/2023 09:44	F^
pH	7.9	SU			1	05/11/2023 09:44	05/11/2023 09:44	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.304	mg/L	0.20	0.12	1	06/14/2023 22:56	06/14/2023 22:56	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.293 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.4	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0090 I	mg/L	0.010	0.0060	1	05/12/2023 12:54	05/12/2023 12:54	T
Nitrate + Nitrite	0.011 I	mg/L	0.020	0.010	1	05/12/2023 12:54	05/12/2023 12:54	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:54	05/12/2023 12:54	T





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Workorder: MARCO (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907006 Date Collected: 05/11/2023 09:53 Matrix: Water								
Sample ID: LANDMARK Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 09:53	05/11/2023 09:53	F^
Secchi Disc	2.5	meters			1	05/11/2023 09:53	05/11/2023 09:53	F^
Total Depth	2.5	meters			1	05/11/2023 09:53	05/11/2023 09:53	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52536	umhos/cm			1	05/11/2023 09:53	05/11/2023 09:53	F^
DO Saturation %	61.4	%			1	05/11/2023 09:53	05/11/2023 09:53	F^
Dissolved Oxygen	3.92	mg/L			1	05/11/2023 09:53	05/11/2023 09:53	F^
Salinity	34.51	ppt			1	05/11/2023 09:53	05/11/2023 09:53	F^
Temperature	28.4	°C			1	05/11/2023 09:53	05/11/2023 09:53	F^
pH	7.96	SU			1	05/11/2023 09:53	05/11/2023 09:53	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.490	mg/L	0.20	0.12	1	06/14/2023 22:58	06/14/2023 22:58	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.460 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.0	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.064	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.027	mg/L	0.010	0.0060	1	05/12/2023 12:55	05/12/2023 12:55	T
Nitrate + Nitrite	0.030	mg/L	0.020	0.010	1	05/12/2023 12:55	05/12/2023 12:55	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:55	05/12/2023 12:55	T





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Workorder: MARCO (F2302907)

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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907007 Date Collected: 05/11/2023 09:58 Matrix: Water								
Sample ID: LANDMARK_DUP Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 09:58	05/11/2023 09:58	F^
Secchi Disc	2.5	meters			1	05/11/2023 09:58	05/11/2023 09:58	F^
Total Depth	2.5	meters			1	05/11/2023 09:58	05/11/2023 09:58	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52545	umhos/cm			1	05/11/2023 09:58	05/11/2023 09:58	F^
DO Saturation %	60.8	%			1	05/11/2023 09:58	05/11/2023 09:58	F^
Dissolved Oxygen	3.9	mg/L			1	05/11/2023 09:58	05/11/2023 09:58	F^
Salinity	34.52	ppt			1	05/11/2023 09:58	05/11/2023 09:58	F^
Temperature	28.4	°C			1	05/11/2023 09:58	05/11/2023 09:58	F^
pH	7.96	SU			1	05/11/2023 09:58	05/11/2023 09:58	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.270	mg/L	0.20	0.12	1	06/14/2023 22:59	06/14/2023 22:59	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.253 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.0	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.069	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	4.4	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.014	mg/L	0.010	0.0060	1	05/12/2023 12:56	05/12/2023 12:56	T
Nitrate + Nitrite	0.017 I	mg/L	0.020	0.010	1	05/12/2023 12:56	05/12/2023 12:56	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:56	05/12/2023 12:56	T





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Lab ID: F2302907008 **Date Collected:** 05/11/2023 10:05 **Matrix:** Water
Sample ID: HC_CENTER **Date Received:** 05/11/2023 14:00

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 10:05	05/11/2023 10:05	F^
Secchi Disc	1.25	meters			1	05/11/2023 10:05	05/11/2023 10:05	F^
Total Depth	1.25	meters			1	05/11/2023 10:05	05/11/2023 10:05	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52416	umhos/cm			1	05/11/2023 10:05	05/11/2023 10:05	F^
DO Saturation %	61.3	%			1	05/11/2023 10:05	05/11/2023 10:05	F^
Dissolved Oxygen	3.89	mg/L			1	05/11/2023 10:05	05/11/2023 10:05	F^
Salinity	34.41	ppt			1	05/11/2023 10:05	05/11/2023 10:05	F^
Temperature	29.1	°C			1	05/11/2023 10:05	05/11/2023 10:05	F^
pH	7.94	SU			1	05/11/2023 10:05	05/11/2023 10:05	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 22:59	06/14/2023 22:59	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.5	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:57	05/12/2023 12:57	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:57	05/12/2023 12:57	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:57	05/12/2023 12:57	T





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Lab ID: F2302907009 **Date Collected:** 05/11/2023 10:18 **Matrix:** Water
Sample ID: SWALLOW **Date Received:** 05/11/2023 14:00

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 10:18	05/11/2023 10:18	F^
Secchi Disc	1.5	meters			1	05/11/2023 10:18	05/11/2023 10:18	F^
Total Depth	2	meters			1	05/11/2023 10:18	05/11/2023 10:18	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52693	umhos/cm			1	05/11/2023 10:18	05/11/2023 10:18	F^
DO Saturation %	50.4	%			1	05/11/2023 10:18	05/11/2023 10:18	F^
Dissolved Oxygen	3.21	mg/L			1	05/11/2023 10:18	05/11/2023 10:18	F^
Salinity	34.61	ppt			1	05/11/2023 10:18	05/11/2023 10:18	F^
Temperature	28.7	°C			1	05/11/2023 10:18	05/11/2023 10:18	F^
pH	7.98	SU			1	05/11/2023 10:18	05/11/2023 10:18	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.263	mg/L	0.20	0.12	1	06/14/2023 22:59	06/14/2023 22:59	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.240 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.3	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.013 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.019	mg/L	0.010	0.0060	1	05/12/2023 12:57	05/12/2023 12:57	T
Nitrate + Nitrite	0.023	mg/L	0.020	0.010	1	05/12/2023 12:57	05/12/2023 12:57	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:57	05/12/2023 12:57	T





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Lab ID: F2302907010	Date Collected: 05/11/2023 10:46	Matrix: Water
Sample ID: W_WINTERBERRY_BRID GE	Date Received: 05/11/2023 14:00	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 10:46	05/11/2023 10:46	F^
Secchi Disc	1	meters			1	05/11/2023 10:46	05/11/2023 10:46	F^
Total Depth	2	meters			1	05/11/2023 10:46	05/11/2023 10:46	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53203	umhos/cm			1	05/11/2023 10:46	05/11/2023 10:46	F^
DO Saturation %	62.7	%			1	05/11/2023 10:46	05/11/2023 10:46	F^
Dissolved Oxygen	3.98	mg/L			1	05/11/2023 10:46	05/11/2023 10:46	F^
Salinity	35	ppt			1	05/11/2023 10:46	05/11/2023 10:46	F^
Temperature	28.8	°C			1	05/11/2023 10:46	05/11/2023 10:46	F^
pH	7.99	SU			1	05/11/2023 10:46	05/11/2023 10:46	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.119 I	mg/L	0.20	0.12	1	06/14/2023 22:59	06/14/2023 22:59	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.5	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:58	05/12/2023 12:58	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:58	05/12/2023 12:58	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:58	05/12/2023 12:58	T





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Workorder: MARCO (F2302907)

Analytical Results

Lab ID: F2302907011 **Date Collected:** 05/11/2023 10:54 **Matrix:** Water
Sample ID: E_WINTERBERRY_BRID **Date Received:** 05/11/2023 14:00
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 10:54	05/11/2023 10:54	F^
Secchi Disc	1.5	meters			1	05/11/2023 10:54	05/11/2023 10:54	F^
Total Depth	2.5	meters			1	05/11/2023 10:54	05/11/2023 10:54	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53104	umhos/cm			1	05/11/2023 10:54	05/11/2023 10:54	F^
DO Saturation %	59.9	%			1	05/11/2023 10:54	05/11/2023 10:54	F^
Dissolved Oxygen	3.81	mg/L			1	05/11/2023 10:54	05/11/2023 10:54	F^
Salinity	34.9	ppt			1	05/11/2023 10:54	05/11/2023 10:54	F^
Temperature	28.8	°C			1	05/11/2023 10:54	05/11/2023 10:54	F^
pH	7.98	SU			1	05/11/2023 10:54	05/11/2023 10:54	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	52	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.259	mg/L	0.20	0.12	1	06/14/2023 23:00	06/14/2023 23:00	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.259 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.7	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 12:59	05/12/2023 12:59	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 12:59	05/12/2023 12:59	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 12:59	05/12/2023 12:59	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907012 Date Collected: 05/11/2023 11:08 Matrix: Water								
Sample ID: MCILVAINE Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 11:08	05/11/2023 11:08	F^
Secchi Disc	1.5	meters			1	05/11/2023 11:08	05/11/2023 11:08	F^
Total Depth	2.5	meters			1	05/11/2023 11:08	05/11/2023 11:08	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53263	umhos/cm			1	05/11/2023 11:08	05/11/2023 11:08	F^
DO Saturation %	57.1	%			1	05/11/2023 11:08	05/11/2023 11:08	F^
Dissolved Oxygen	3.65	mg/L			1	05/11/2023 11:08	05/11/2023 11:08	F^
Salinity	35.05	ppt			1	05/11/2023 11:08	05/11/2023 11:08	F^
Temperature	28.5	°C			1	05/11/2023 11:08	05/11/2023 11:08	F^
pH	8.02	SU			1	05/11/2023 11:08	05/11/2023 11:08	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:00	06/14/2023 23:00	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.8	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.6 I	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.027	mg/L	0.010	0.0060	1	05/12/2023 13:00	05/12/2023 13:00	T
Nitrate + Nitrite	0.030	mg/L	0.020	0.010	1	05/12/2023 13:00	05/12/2023 13:00	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:00	05/12/2023 13:00	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907013 Date Collected: 05/11/2023 11:20 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 11:20	05/11/2023 11:20	F^
Secchi Disc	1	meters			1	05/11/2023 11:20	05/11/2023 11:20	F^
Total Depth	1.5	meters			1	05/11/2023 11:20	05/11/2023 11:20	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53074	umhos/cm			1	05/11/2023 11:20	05/11/2023 11:20	F^
DO Saturation %	60.2	%			1	05/11/2023 11:20	05/11/2023 11:20	F^
Dissolved Oxygen	3.8	mg/L			1	05/11/2023 11:20	05/11/2023 11:20	F^
Salinity	34.88	ppt			1	05/11/2023 11:20	05/11/2023 11:20	F^
Temperature	29.3	°C			1	05/11/2023 11:20	05/11/2023 11:20	F^
pH	7.96	SU			1	05/11/2023 11:20	05/11/2023 11:20	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.303	mg/L	0.20	0.12	1	06/14/2023 23:00	06/14/2023 23:00	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.303 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.2	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.040	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:00	05/12/2023 13:00	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:00	05/12/2023 13:00	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:00	05/12/2023 13:00	T





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Workorder: MARCO (F2302907)

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Workorder: MARCO (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907014 Date Collected: 05/11/2023 11:29 Matrix: Water								
Sample ID: HOLLYHOCK Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 11:29	05/11/2023 11:29	F^
Secchi Disc	1	meters			1	05/11/2023 11:29	05/11/2023 11:29	F^
Total Depth	1.5	meters			1	05/11/2023 11:29	05/11/2023 11:29	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	54102	umhos/cm			1	05/11/2023 11:29	05/11/2023 11:29	F^
DO Saturation %	59.3	%			1	05/11/2023 11:29	05/11/2023 11:29	F^
Dissolved Oxygen	3.76	mg/L			1	05/11/2023 11:29	05/11/2023 11:29	F^
Salinity	35.65	ppt			1	05/11/2023 11:29	05/11/2023 11:29	F^
Temperature	28.8	°C			1	05/11/2023 11:29	05/11/2023 11:29	F^
pH	7.91	SU			1	05/11/2023 11:29	05/11/2023 11:29	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:00	06/14/2023 23:00	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.3	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:01	05/12/2023 13:01	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:01	05/12/2023 13:01	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:01	05/12/2023 13:01	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907015 Date Collected: 05/11/2023 11:40 Matrix: Water								
Sample ID: WINDMILL Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 11:40	05/11/2023 11:40	F^
Secchi Disc	1.5	meters			1	05/11/2023 11:40	05/11/2023 11:40	F^
Total Depth	2.5	meters			1	05/11/2023 11:40	05/11/2023 11:40	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53299	umhos/cm			1	05/11/2023 11:40	05/11/2023 11:40	F^
DO Saturation %	58.1	%			1	05/11/2023 11:40	05/11/2023 11:40	F^
Dissolved Oxygen	3.68	mg/L			1	05/11/2023 11:40	05/11/2023 11:40	F^
Salinity	35.05	ppt			1	05/11/2023 11:40	05/11/2023 11:40	F^
Temperature	29	°C			1	05/11/2023 11:40	05/11/2023 11:40	F^
pH	7.98	SU			1	05/11/2023 11:40	05/11/2023 11:40	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:01	06/14/2023 23:01	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.0	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.146	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:09	05/12/2023 13:09	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:09	05/12/2023 13:09	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:09	05/12/2023 13:09	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907016			Date Collected: 05/11/2023 11:52			Matrix: Water		
Sample ID: EQUIPMENT_BLANK			Date Received: 05/11/2023 14:00					
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:01	06/14/2023 23:01	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.10 U	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:09	05/12/2023 13:09	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:09	05/12/2023 13:09	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:09	05/12/2023 13:09	T





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Workorder: MARCO (F2302907)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 08:36	05/11/2023 08:36	F^
Secchi Disc	1.5	meters			1	05/11/2023 08:36	05/11/2023 08:36	F^
Total Depth	2.3	meters			1	05/11/2023 08:36	05/11/2023 08:36	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52977	umhos/cm			1	05/11/2023 08:36	05/11/2023 08:36	F^
DO Saturation %	89.6	%			1	05/11/2023 08:36	05/11/2023 08:36	F^
Dissolved Oxygen	5.77	mg/L			1	05/11/2023 08:36	05/11/2023 08:36	F^
Salinity	34.85	ppt			1	05/11/2023 08:36	05/11/2023 08:36	F^
Temperature	28.1	°C			1	05/11/2023 08:36	05/11/2023 08:36	F^
pH	8.02	SU			1	05/11/2023 08:36	05/11/2023 08:36	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:30	05/11/2023 16:30	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:02	06/14/2023 23:02	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.4	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	5.6	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:10	05/12/2023 13:10	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:10	05/12/2023 13:10	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:10	05/12/2023 13:10	T





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Analytical Results

Lab ID: F2302907018 **Date Collected:** 05/11/2023 08:17 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 05/11/2023 14:00
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 08:17	05/11/2023 08:17	F^
Secchi Disc	2.5	meters			1	05/11/2023 08:17	05/11/2023 08:17	F^
Total Depth	7.3	meters			1	05/11/2023 08:17	05/11/2023 08:17	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52966	umhos/cm			1	05/11/2023 08:17	05/11/2023 08:17	F^
DO Saturation %	89.1	%			1	05/11/2023 08:17	05/11/2023 08:17	F^
Dissolved Oxygen	5.72	mg/L			1	05/11/2023 08:17	05/11/2023 08:17	F^
Salinity	34.84	ppt			1	05/11/2023 08:17	05/11/2023 08:17	F^
Temperature	28.2	°C			1	05/11/2023 08:17	05/11/2023 08:17	F^
pH	7.99	SU			1	05/11/2023 08:17	05/11/2023 08:17	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:14	05/11/2023 16:14	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.214	mg/L	0.20	0.12	1	06/14/2023 23:02	06/14/2023 23:02	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.214 I	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.9	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.013 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:11	05/12/2023 13:11	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:11	05/12/2023 13:11	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:11	05/12/2023 13:11	T





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Analytical Results

Lab ID: F2302907019 **Date Collected:** 05/11/2023 07:56 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_2 **Date Received:** 05/11/2023 14:00

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 07:56	05/11/2023 07:56	F^
Secchi Disc	2.5	meters			1	05/11/2023 07:56	05/11/2023 07:56	F^
Total Depth	5.5	meters			1	05/11/2023 07:56	05/11/2023 07:56	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52978	umhos/cm			1	05/11/2023 07:56	05/11/2023 07:56	F^
DO Saturation %	96.1	%			1	05/11/2023 07:56	05/11/2023 07:56	F^
Dissolved Oxygen	6.2	mg/L			1	05/11/2023 07:56	05/11/2023 07:56	F^
Salinity	34.86	ppt			1	05/11/2023 07:56	05/11/2023 07:56	F^
Temperature	27.9	°C			1	05/11/2023 07:56	05/11/2023 07:56	F^
pH	7.89	SU			1	05/11/2023 07:56	05/11/2023 07:56	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 15:55	05/11/2023 15:55	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:03	06/14/2023 23:03	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.5	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.085	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:12	05/12/2023 13:12	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:12	05/12/2023 13:12	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:12	05/12/2023 13:12	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302907020 Date Collected: 05/11/2023 08:07 Matrix: Water								
Sample ID: CAPRI_PASS_MARKER_4 Date Received: 05/11/2023 14:00								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	05/11/2023 08:07	05/11/2023 08:07	F^
Secchi Disc	2	meters			1	05/11/2023 08:07	05/11/2023 08:07	F^
Total Depth	2.6	meters			1	05/11/2023 08:07	05/11/2023 08:07	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52913	umhos/cm			1	05/11/2023 08:07	05/11/2023 08:07	F^
DO Saturation %	91.3	%			1	05/11/2023 08:07	05/11/2023 08:07	F^
Dissolved Oxygen	5.9	mg/L			1	05/11/2023 08:07	05/11/2023 08:07	F^
Salinity	34.81	ppt			1	05/11/2023 08:07	05/11/2023 08:07	F^
Temperature	27.9	°C			1	05/11/2023 08:07	05/11/2023 08:07	F^
pH	7.97	SU			1	05/11/2023 08:07	05/11/2023 08:07	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	05/11/2023 16:02	05/11/2023 16:02	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	06/14/2023 23:03	06/14/2023 23:03	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/22/2023 17:07	05/23/2023 10:52	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.2	NTU	0.10	0.10	1	05/12/2023 12:49	05/12/2023 12:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	05/23/2023 10:35	05/24/2023 17:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/17/2023 11:00	05/17/2023 11:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	05/12/2023 13:12	05/12/2023 13:12	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	05/12/2023 13:12	05/12/2023 13:12	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	05/12/2023 13:12	05/12/2023 13:12	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 (F2302907)

Analytical Results

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Workorder: MARCO (F2302907)

QC Results

QC Batch: WCAg/11248 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: F2302907001, F2302907002, F2302907003, F2302907004, F2302907005, F2302907006, F2302907007, F2302907008, F2302907009, F2302907010, F2302907011, F2302907012, F2302907013, F2302907014, F2302907015, F2302907016, F2302907017, F2302907018, F2302907019, F2302907020

Method Blank(4796345)

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





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Workorder: MARCO (F2302907)

QC Results

QC Batch: WCAg/11363 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2302907001, F2302907002, F2302907003, F2302907004, F2302907005, F2302907006, F2302907007, F2302907008, F2302907009, F2302907010, F2302907011, F2302907012, F2302907013, F2302907014, F2302907015

Method Blank(4802850)

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 (F2302907)

QC Results

QC Batch: WCAg/11364 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2302907016, F2302907017, F2302907018, F2302907019, F2302907020

Method Blank(4802859)

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

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Workorder: MARCO (F2302907)

QC Results

QC Batch: WCAg/11365 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2302907016, F2302907017, F2302907018, F2302907019, F2302907020

Method Blank(4802860)

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 (F2302907)

QC Results

QC Batch: WCA/20637 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2302907001, F2302907002, F2302907003, F2302907004

Method Blank(4791680)

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 (F2302907)

QC Results

QC Batch: WCAI/20639

Analysis Method: SM 4500NO3-F (Low Level)

Preparation Method: SM 4500NO3-F (Low Level)

Associated Lab IDs: F2302907005, F2302907006, F2302907007, F2302907008, F2302907009, F2302907010, F2302907011, F2302907012, F2302907013, F2302907014

Method Blank(4791706)

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 (F2302907)

QC Results

QC Batch: WCA/20640 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2302907015, F2302907016, F2302907017, F2302907018, F2302907019, F2302907020

Method Blank(4791715)

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 (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1026 - Field Measurements			
F2302907001	BARFIELD_BRIDGE		
F2302907002	OLDE_MARCO		
F2302907003	JH_PARK		
F2302907004	KENDALL		
F2302907005	COLLIER_BRIDGE		
F2302907006	LANDMARK		
F2302907007	LANDMARK_DUP		
F2302907008	HC_CENTER		
F2302907009	SWALLOW		
F2302907010	W_WINTERBERRY_BRIDGE		
F2302907011	E_WINTERBERRY_BRIDGE		
F2302907012	MCILVAINE		
F2302907013	HUMMINGBIRD		
F2302907014	HOLLYHOCK		
F2302907015	WINDMILL		
F2302907017	EAST_RIVER_MARKER_3		
F2302907018	MID_CHANNEL_MARKER_12		
F2302907019	CAPRI_PASS_MARKER_2		
F2302907020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1027 - DISRES			
F2302907001	BARFIELD_BRIDGE		
F2302907002	OLDE_MARCO		
F2302907003	JH_PARK		
F2302907004	KENDALL		
F2302907005	COLLIER_BRIDGE		
F2302907006	LANDMARK		
F2302907007	LANDMARK_DUP		
F2302907008	HC_CENTER		
F2302907009	SWALLOW		
F2302907010	W_WINTERBERRY_BRIDGE		
F2302907011	E_WINTERBERRY_BRIDGE		
F2302907012	MCILVAINE		
F2302907013	HUMMINGBIRD		
F2302907014	HOLLYHOCK		
F2302907015	WINDMILL		
F2302907017	EAST_RIVER_MARKER_3		
F2302907018	MID_CHANNEL_MARKER_12		
F2302907019	CAPRI_PASS_MARKER_2		
F2302907020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/2558 - ENTEROLERT/ QUANTI-TRAY			
F2302907001	BARFIELD_BRIDGE		
F2302907002	OLDE_MARCO		
F2302907003	JH_PARK		
F2302907004	KENDALL		
F2302907005	COLLIER_BRIDGE		
F2302907006	LANDMARK		
F2302907007	LANDMARK_DUP		
F2302907008	HC_CENTER		
F2302907009	SWALLOW		
F2302907010	W_WINTERBERRY_BRIDGE		
F2302907011	E_WINTERBERRY_BRIDGE		
F2302907012	MCILVAINE		
F2302907013	HUMMINGBIRD		
F2302907014	HOLLYHOCK		
F2302907015	WINDMILL		
F2302907016	EQUIPMENT_BLANK		
F2302907017	EAST_RIVER_MARKER_3		
F2302907018	MID_CHANNEL_MARKER_12		
F2302907019	CAPRI_PASS_MARKER_2		
F2302907020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/3458 - EPA 180.1			
F2302907001	BARFIELD_BRIDGE		
F2302907002	OLDE_MARCO		
F2302907003	JH_PARK		
F2302907004	KENDALL		
F2302907005	COLLIER_BRIDGE		
F2302907006	LANDMARK		
F2302907007	LANDMARK_DUP		
F2302907008	HC_CENTER		
F2302907009	SWALLOW		
F2302907010	W_WINTERBERRY_BRIDGE		
F2302907011	E_WINTERBERRY_BRIDGE		
F2302907012	MCILVAINE		
F2302907013	HUMMINGBIRD		
F2302907014	HOLLYHOCK		
F2302907015	WINDMILL		
F2302907016	EQUIPMENT_BLANK		
F2302907017	EAST_RIVER_MARKER_3		
F2302907018	MID_CHANNEL_MARKER_12		
F2302907019	CAPRI_PASS_MARKER_2		
F2302907020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/11248 - SM 10200 H			
F2302907001	BARFIELD_BRIDGE		
F2302907002	OLDE_MARCO		
F2302907003	JH_PARK		
F2302907004	KENDALL		
F2302907005	COLLIER_BRIDGE		
F2302907006	LANDMARK		
F2302907007	LANDMARK_DUP		
F2302907008	HC_CENTER		
F2302907009	SWALLOW		
F2302907010	W_WINTERBERRY_BRIDGE		
F2302907011	E_WINTERBERRY_BRIDGE		
F2302907012	MCILVAINE		
F2302907013	HUMMINGBIRD		
F2302907014	HOLLYHOCK		
F2302907015	WINDMILL		
F2302907016	EQUIPMENT_BLANK		
F2302907017	EAST_RIVER_MARKER_3		
F2302907018	MID_CHANNEL_MARKER_12		
F2302907019	CAPRI_PASS_MARKER_2		
F2302907020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/11338 - EPA 365.3			
F2302907001	BARFIELD_BRIDGE	WCAg/11337	EPA 365.3
F2302907002	OLDE_MARCO	WCAg/11337	EPA 365.3
F2302907003	JH_PARK	WCAg/11337	EPA 365.3
F2302907004	KENDALL	WCAg/11337	EPA 365.3
F2302907005	COLLIER_BRIDGE	WCAg/11337	EPA 365.3
F2302907006	LANDMARK	WCAg/11337	EPA 365.3
F2302907007	LANDMARK_DUP	WCAg/11337	EPA 365.3
F2302907008	HC_CENTER	WCAg/11337	EPA 365.3
F2302907009	SWALLOW	WCAg/11337	EPA 365.3
F2302907010	W_WINTERBERRY_BRIDGE	WCAg/11337	EPA 365.3
F2302907011	E_WINTERBERRY_BRIDGE	WCAg/11337	EPA 365.3
F2302907012	MCILVAINE	WCAg/11337	EPA 365.3
F2302907013	HUMMINGBIRD	WCAg/11337	EPA 365.3
F2302907014	HOLLYHOCK	WCAg/11337	EPA 365.3
F2302907015	WINDMILL	WCAg/11337	EPA 365.3
F2302907016	EQUIPMENT_BLANK	WCAg/11337	EPA 365.3
F2302907017	EAST_RIVER_MARKER_3	WCAg/11337	EPA 365.3
F2302907018	MID_CHANNEL_MARKER_12	WCAg/11337	EPA 365.3
F2302907019	CAPRI_PASS_MARKER_2	WCAg/11337	EPA 365.3
F2302907020	CAPRI_PASS_MARKER_4	WCAg/11337	EPA 365.3

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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/11362 - EPA 351.2			
F2302907001	BARFIELD_BRIDGE	WCAg/11332	Copper Sulfate Digestion
F2302907002	OLDE_MARCO	WCAg/11332	Copper Sulfate Digestion
F2302907003	JH_PARK	WCAg/11332	Copper Sulfate Digestion
F2302907004	KENDALL	WCAg/11332	Copper Sulfate Digestion
F2302907005	COLLIER_BRIDGE	WCAg/11332	Copper Sulfate Digestion
F2302907006	LANDMARK	WCAg/11332	Copper Sulfate Digestion
F2302907007	LANDMARK_DUP	WCAg/11332	Copper Sulfate Digestion
F2302907008	HC_CENTER	WCAg/11332	Copper Sulfate Digestion
F2302907009	SWALLOW	WCAg/11332	Copper Sulfate Digestion
F2302907010	W_WINTERBERRY_BRIDGE	WCAg/11332	Copper Sulfate Digestion
F2302907011	E_WINTERBERRY_BRIDGE	WCAg/11332	Copper Sulfate Digestion
F2302907012	MCILVAINE	WCAg/11332	Copper Sulfate Digestion
F2302907013	HUMMINGBIRD	WCAg/11332	Copper Sulfate Digestion
F2302907014	HOLLYHOCK	WCAg/11332	Copper Sulfate Digestion
F2302907015	WINDMILL	WCAg/11332	Copper Sulfate Digestion
WCAg/11364 - EPA 351.2			
F2302907016	EQUIPMENT_BLANK	WCAg/11333	Copper Sulfate Digestion
F2302907017	EAST_RIVER_MARKER_3	WCAg/11333	Copper Sulfate Digestion
F2302907018	MID_CHANNEL_MARKER_12	WCAg/11333	Copper Sulfate Digestion
F2302907019	CAPRI_PASS_MARKER_2	WCAg/11333	Copper Sulfate Digestion
F2302907020	CAPRI_PASS_MARKER_4	WCAg/11333	Copper Sulfate Digestion
WCAi/20637 - SM 4500NO3-F (Low Level)			
F2302907001	BARFIELD_BRIDGE		
F2302907002	OLDE_MARCO		
F2302907003	JH_PARK		
F2302907004	KENDALL		





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Workorder: MARCO (F2302907)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/20639 - SM 4500NO3-F (Low Level)			
F2302907005	COLLIER_BRIDGE		
F2302907006	LANDMARK		
F2302907007	LANDMARK_DUP		
F2302907008	HC_CENTER		
F2302907009	SWALLOW		
F2302907010	W_WINTERBERRY_BRIDGE		
F2302907011	E_WINTERBERRY_BRIDGE		
F2302907012	MCILVAINE		
F2302907013	HUMMINGBIRD		
F2302907014	HOLLYHOCK		
WCAI/20640 - SM 4500NO3-F (Low Level)			
F2302907015	WINDMILL		
F2302907016	EQUIPMENT_BLANK		
F2302907017	EAST_RIVER_MARKER_3		
F2302907018	MID_CHANNEL_MARKER_12		
F2302907019	CAPRI_PASS_MARKER_2		
F2302907020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302907)



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 Fort Myers: 10100 Westlinks Terrace, Ste. 10, Ft. 33913 239.674.8130 • Lab ID: E84492
 Jacksonville: 6881 Southpoint Pkwy., Ft. 32216 904.363.9350 • Lab ID: E82574

Page 1 of 2
 Gainesville: 1465 SW 41st Blvd., Ft. 32608 352.377.2345 • Lab ID: E82001
 Miramar: Tallahassee, FL



Client Name: City of Marco Island		Project Name: MARCO				
Address: 50 Bald Eagle Dr.		Project Number:				
Marco Island, FL 314145		PO Number:				
Phone: 239-300-1462		FDEP Facility No.:				
FAX:		FDEP Facility Addr.:				
Contact: Jason Tomasesetti		Special Instructions:				
Sampled By: P. Manard		Turn Around Time: Standard X Rush				
AEL Profile #: 65884		ADAPT				
SAMPLE ID	SAMPLE DESCRIPTION	Grab	EQUIS	Other	WIN	
		Comp	DATE	TIME	MATRIX	
	BARFIELD_BRIDGE	Grab	5/1/23	9:07	SW	4
	OLDE_MARCO	Grab		8:56	SW	4
	JH_PARK	Grab		9:21	SW	4
	KENDALL	Grab		9:33	SW	4
	COLLIER_BRIDGE	Grab		9:44	SW	4
	LANDMARK	Grab		9:53	SW	4
	LANDMARK_DUP	Grab		9:58	SW	4
	HC_CENTER	Grab		10:05	SW	4
	SWALLOW	Grab		10:18	SW	4
	W_WINTERBERRY_BRIDGE	Grab		10:46	SW	4

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

Relinquished by: MM P. Manard Date: 5/1/23 Time: 14:00 Received by: [Signature] Date: 5/1/23 Time: 14:00

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

Temp. when received (observed): 6.0 °C Temp. when received (corrected): 6.0 °C
 J: 9A G: 11-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

ANALYSIS REQUIRED

BOTTLE SIZE & TYPE	NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci
250 mL Plastic	X	X	X	X
250 mL Plastic	X	X	X	X
1L Amb Plastic	X	X	X	X
100 mL Cup	X	X	X	X

LABORATORY I.D. NUMBER





FINAL

Workorder: MARCO (F2302907)

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	09:07	09:11	08:56	09:59	09:21	09:25	09:33	09:37	
SAMPLE DEPTH	0.30m top	2.0	0.30m top	2.0	0.30m top	2.5	0.30m top	1.0	
TOTAL DEPTH	2.5	2.5	2.5	2.5	3.0	3.0	1.5	1.5	
TEMP /C	28.5	28.5	28.4	28.4	28.6	28.6	28.4	28.4	
D.O. mg / L	4.32	4.22	3.21	3.68	4.92	4.72	3.67	3.80	
D.O. % sat.	67.7	66.1	50.1	57.8	76.9	73.8	57.8	59.3	
CONDUCTIVITY(umhos)	53281	53287	53096	53153	52852	52849	52702	52710	
SALINITY ppt.	35.06	35.07	34.92	34.97	34.71	34.74	34.64	34.64	
pH su.	7.97	7.96	8.01	8.00	7.95	7.95	7.92	7.92	
SECCHI DEPTH	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	
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) /	MPS / AEL				Sampler's Signature	<i>Michael P. Jell</i>		Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES							5/11/23		

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Workorder: MARCO (F2302907)

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	09:44	09:48	09:53	09:57	09:58	09:59	10:05	10:08
SAMPLE DEPTH	0.30m top	1.5	0.30m top	2.0	0.30m top	2.0	0.30m top	0.75
TOTAL DEPTH	2.0	2.0	2.5	2.5	2.5	2.5	1.25	1.25
TEMP /C	28.8	28.8	28.4	28.5	28.4	28.5	29.1	29.1
D.O. mg / L	2.63	2.43	3.92	3.13	3.90	3.11	3.89	3.60
D.O. % sat.	41.1	38.1	61.4	48.9	60.8	48.5	61.3	56.5
CONDUCTIVITY(umhos)	52391	52645	52536	52702	52545	52700	52416	52407
SALINITY ppt.	34.39	34.57	34.51	34.62	34.52	34.62	34.41	34.39
pH su.	7.90	7.89	7.96	7.98	7.96	7.98	7.94	7.94
SECCHI DEPTH	2.0	2.0	2.5	2.5	2.5	2.5	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) /	MPS / AEL				Sampler's Signature			Date
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FINAL

Workorder: MARCO (F2302907)

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	10:18	10:23	10:46	10:50	10:54	10:58	11:08	11:12
SAMPLE DEPTH	0.30m top	1.5	0.30m top	1.5	0.30m top	2.0	0.30m top	2.0
TOTAL DEPTH	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5
TEMP /C	28.7	28.8	28.8	28.8	28.8	28.8	28.5	28.5
D.O. mg / L	3.21	3.54	3.98	3.80	3.81	3.08	3.65	3.53
D.O. % sat.	50.4	55.3	62.7	59.8	59.9	48.6	57.1	55.2
CONDUCTIVITY(umhos)	52693	53135	53203	53212	53104	53176	53263	53270
SALINITY ppt.	34.61	34.94	35.00	35.00	34.90	34.97	35.05	35.05
pH su.	7.98	8.02	7.99	7.99	7.98	7.97	8.02	8.02
SECCHI DEPTH	1.5	1.5	1.0	1.0	1.5	1.5	1.5	1.5
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	
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FINAL

Workorder: MARCO (F2302907)

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	11:20	11:24	11:29	11:34	11:40	11:44	11:52
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	29.3	29.3	28.8	28.7	29.0	28.8	NA
D.O. mg / L	3.80	3.60	3.76	3.18	3.68	3.66	NA
D.O. % sat.	60.2	57.1	59.3	50.2	58.1	57.7	NA
CONDUCTIVITY(umhos)	53074	53097	54102	54106	53299	53562	NA
SALINITY ppt.	34.88	34.89	35.65	35.66	35.05	35.26	NA
pH su.	7.96	7.97	7.91	7.91	7.98	7.97	NA
SECCHI DEPTH	1.0	1.0	1.0	1.0	1.5	1.5	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
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FINAL

Workorder: MARCO (F2302907)

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	08:36	08:40	08:17	08:22	07:56	07:59	08:07	8:12
SAMPLE DEPTH	0.30m top	2.0	0.30m top	4.0	0.30m top	4.0	0.30m top	2.5
TOTAL DEPTH	2.3	2.3	7.3	7.3	5.5	5.5	2.6	2.6
TEMP /C	28.1	28.1	28.2	28.1	27.9	27.9	27.9	27.9
D.O. mg / L	5.77	5.58	5.72	5.66	6.20	5.99	5.90	5.69
D.O. % sat.	89.6	86.7	89.1	88.0	96.1	92.8	91.3	87.8
CONDUCTIVITY(umhos)	52977	53021	52966	53049	52978	52974	52913	52930
SALINITY ppt.	34.85	34.88	34.84	34.87	34.86	38.85	34.81	34.82
pH su.	8.02	8.01	7.99	7.99	7.89	7.93	7.97	7.98
SECCHI DEPTH	1.5	1.5	2.5	2.5	2.5	2.5	2.0	2.0
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								
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