



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: MARCO SW (F2306930)

December 05, 2023

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

RE: Workorder: F2306930 MARCO SW

Dear Justin Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday October 23, 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 SW (F2306930)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306930001	BARFIELD_BRIDGE	WA	Calculation	10/23/2023 07:46	10/23/2023 15:30	1	NA
F2306930001	BARFIELD_BRIDGE	WA	DISRES	10/23/2023 07:46	10/23/2023 15:30	3	NA
F2306930001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 07:46	10/23/2023 15:30	1	NA
F2306930001	BARFIELD_BRIDGE	WA	EPA 180.1	10/23/2023 07:46	10/23/2023 15:30	1	NA
F2306930001	BARFIELD_BRIDGE	WA	EPA 351.2	10/23/2023 07:46	10/23/2023 15:30	1	NA
F2306930001	BARFIELD_BRIDGE	WA	EPA 365.3	10/23/2023 07:46	10/23/2023 15:30	1	NA
F2306930001	BARFIELD_BRIDGE	WA	Field Measurements	10/23/2023 07:46	10/23/2023 15:30	6	NA
F2306930001	BARFIELD_BRIDGE	WA	SM 10200 H	10/23/2023 07:46	10/23/2023 15:30	2	NA
F2306930001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/23/2023 07:46	10/23/2023 15:30	3	NA
F2306930002	OLDE_MARCO	WA	Calculation	10/23/2023 09:45	10/23/2023 15:30	1	NA
F2306930002	OLDE_MARCO	WA	DISRES	10/23/2023 09:45	10/23/2023 15:30	3	NA
F2306930002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 09:45	10/23/2023 15:30	1	NA
F2306930002	OLDE_MARCO	WA	EPA 180.1	10/23/2023 09:45	10/23/2023 15:30	1	NA
F2306930002	OLDE_MARCO	WA	EPA 351.2	10/23/2023 09:45	10/23/2023 15:30	1	NA
F2306930002	OLDE_MARCO	WA	EPA 365.3	10/23/2023 09:45	10/23/2023 15:30	1	NA
F2306930002	OLDE_MARCO	WA	Field Measurements	10/23/2023 09:45	10/23/2023 15:30	6	NA
F2306930002	OLDE_MARCO	WA	SM 10200 H	10/23/2023 09:45	10/23/2023 15:30	2	NA
F2306930002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	10/23/2023 09:45	10/23/2023 15:30	3	NA
F2306930003	JH_PARK	WA	Calculation	10/23/2023 10:26	10/23/2023 15:30	1	NA
F2306930003	JH_PARK	WA	DISRES	10/23/2023 10:26	10/23/2023 15:30	3	NA
F2306930003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 10:26	10/23/2023 15:30	1	NA
F2306930003	JH_PARK	WA	EPA 180.1	10/23/2023 10:26	10/23/2023 15:30	1	NA
F2306930003	JH_PARK	WA	EPA 351.2	10/23/2023 10:26	10/23/2023 15:30	1	NA
F2306930003	JH_PARK	WA	EPA 365.3	10/23/2023 10:26	10/23/2023 15:30	1	NA
F2306930003	JH_PARK	WA	Field Measurements	10/23/2023 10:26	10/23/2023 15:30	6	NA
F2306930003	JH_PARK	WA	SM 10200 H	10/23/2023 10:26	10/23/2023 15:30	2	NA
F2306930003	JH_PARK	WA	SM 4500NO3-F (Low Level)	10/23/2023 10:26	10/23/2023 15:30	3	NA
F2306930004	KENDALL-	WA	Calculation	10/23/2023 10:48	10/23/2023 15:30	1	NA
F2306930004	KENDALL-	WA	DISRES	10/23/2023 10:48	10/23/2023 15:30	3	NA
F2306930004	KENDALL-	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 10:48	10/23/2023 15:30	1	NA
F2306930004	KENDALL-	WA	EPA 180.1	10/23/2023 10:48	10/23/2023 15:30	1	NA
F2306930004	KENDALL-	WA	EPA 351.2	10/23/2023 10:48	10/23/2023 15:30	1	NA
F2306930004	KENDALL-	WA	EPA 365.3	10/23/2023 10:48	10/23/2023 15:30	1	NA
F2306930004	KENDALL-	WA	Field Measurements	10/23/2023 10:48	10/23/2023 15:30	6	NA

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Workorder: MARCO SW (F2306930)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306930004	KENDALL-	WA	SM 10200 H	10/23/2023 10:48	10/23/2023 15:30	2	NA
F2306930004	KENDALL-	WA	SM 4500NO3-F (Low Level)	10/23/2023 10:48	10/23/2023 15:30	3	NA
F2306930005	COLLIER_BRIDGE	WA	Calculation	10/23/2023 10:57	10/23/2023 15:30	1	NA
F2306930005	COLLIER_BRIDGE	WA	DISRES	10/23/2023 10:57	10/23/2023 15:30	3	NA
F2306930005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 10:57	10/23/2023 15:30	1	NA
F2306930005	COLLIER_BRIDGE	WA	EPA 180.1	10/23/2023 10:57	10/23/2023 15:30	1	NA
F2306930005	COLLIER_BRIDGE	WA	EPA 351.2	10/23/2023 10:57	10/23/2023 15:30	1	NA
F2306930005	COLLIER_BRIDGE	WA	EPA 365.3	10/23/2023 10:57	10/23/2023 15:30	1	NA
F2306930005	COLLIER_BRIDGE	WA	Field Measurements	10/23/2023 10:57	10/23/2023 15:30	6	NA
F2306930005	COLLIER_BRIDGE	WA	SM 10200 H	10/23/2023 10:57	10/23/2023 15:30	2	NA
F2306930005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/23/2023 10:57	10/23/2023 15:30	3	NA
F2306930006	LANDMARK	WA	Calculation	10/23/2023 11:30	10/23/2023 15:30	1	NA
F2306930006	LANDMARK	WA	DISRES	10/23/2023 11:30	10/23/2023 15:30	3	NA
F2306930006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 11:30	10/23/2023 15:30	1	NA
F2306930006	LANDMARK	WA	EPA 180.1	10/23/2023 11:30	10/23/2023 15:30	1	NA
F2306930006	LANDMARK	WA	EPA 351.2	10/23/2023 11:30	10/23/2023 15:30	1	NA
F2306930006	LANDMARK	WA	EPA 365.3	10/23/2023 11:30	10/23/2023 15:30	1	NA
F2306930006	LANDMARK	WA	Field Measurements	10/23/2023 11:30	10/23/2023 15:30	6	NA
F2306930006	LANDMARK	WA	SM 10200 H	10/23/2023 11:30	10/23/2023 15:30	2	NA
F2306930006	LANDMARK	WA	SM 4500NO3-F (Low Level)	10/23/2023 11:30	10/23/2023 15:30	3	NA
F2306930007	LANDMARK_DUP	WA	Calculation	10/23/2023 11:35	10/23/2023 15:30	1	NA
F2306930007	LANDMARK_DUP	WA	DISRES	10/23/2023 11:35	10/23/2023 15:30	3	NA
F2306930007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 11:35	10/23/2023 15:30	1	NA
F2306930007	LANDMARK_DUP	WA	EPA 180.1	10/23/2023 11:35	10/23/2023 15:30	1	NA
F2306930007	LANDMARK_DUP	WA	EPA 351.2	10/23/2023 11:35	10/23/2023 15:30	1	NA
F2306930007	LANDMARK_DUP	WA	EPA 365.3	10/23/2023 11:35	10/23/2023 15:30	1	NA
F2306930007	LANDMARK_DUP	WA	Field Measurements	10/23/2023 11:35	10/23/2023 15:30	6	NA
F2306930007	LANDMARK_DUP	WA	SM 10200 H	10/23/2023 11:35	10/23/2023 15:30	2	NA
F2306930007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	10/23/2023 11:35	10/23/2023 15:30	3	NA
F2306930008	HC_CENTER	WA	Calculation	10/23/2023 11:47	10/23/2023 15:30	1	NA
F2306930008	HC_CENTER	WA	DISRES	10/23/2023 11:47	10/23/2023 15:30	3	NA
F2306930008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 11:47	10/23/2023 15:30	1	NA
F2306930008	HC_CENTER	WA	EPA 180.1	10/23/2023 11:47	10/23/2023 15:30	1	NA
F2306930008	HC_CENTER	WA	EPA 351.2	10/23/2023 11:47	10/23/2023 15:30	1	NA

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Workorder: MARCO SW (F2306930)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306930008	HC_CENTER	WA	EPA 365.3	10/23/2023 11:47	10/23/2023 15:30	1	NA
F2306930008	HC_CENTER	WA	Field Measurements	10/23/2023 11:47	10/23/2023 15:30	6	NA
F2306930008	HC_CENTER	WA	SM 10200 H	10/23/2023 11:47	10/23/2023 15:30	2	NA
F2306930008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	10/23/2023 11:47	10/23/2023 15:30	3	NA
F2306930009	SWALLOW	WA	Calculation	10/23/2023 11:13	10/23/2023 15:30	1	NA
F2306930009	SWALLOW	WA	DISRES	10/23/2023 11:13	10/23/2023 15:30	3	NA
F2306930009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 11:13	10/23/2023 15:30	1	NA
F2306930009	SWALLOW	WA	EPA 180.1	10/23/2023 11:13	10/23/2023 15:30	1	NA
F2306930009	SWALLOW	WA	EPA 351.2	10/23/2023 11:13	10/23/2023 15:30	1	NA
F2306930009	SWALLOW	WA	EPA 365.3	10/23/2023 11:13	10/23/2023 15:30	1	NA
F2306930009	SWALLOW	WA	Field Measurements	10/23/2023 11:13	10/23/2023 15:30	6	NA
F2306930009	SWALLOW	WA	SM 10200 H	10/23/2023 11:13	10/23/2023 15:30	2	NA
F2306930009	SWALLOW	WA	SM 4500NO3-F (Low Level)	10/23/2023 11:13	10/23/2023 15:30	3	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	Calculation	10/23/2023 12:05	10/23/2023 15:30	1	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	DISRES	10/23/2023 12:05	10/23/2023 15:30	3	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 12:05	10/23/2023 15:30	1	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	10/23/2023 12:05	10/23/2023 15:30	1	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	10/23/2023 12:05	10/23/2023 15:30	1	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	10/23/2023 12:05	10/23/2023 15:30	1	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	10/23/2023 12:05	10/23/2023 15:30	6	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	10/23/2023 12:05	10/23/2023 15:30	2	NA
F2306930010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/23/2023 12:05	10/23/2023 15:30	3	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	Calculation	10/23/2023 12:20	10/23/2023 15:30	1	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	DISRES	10/23/2023 12:20	10/23/2023 15:30	3	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 12:20	10/23/2023 15:30	1	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	10/23/2023 12:20	10/23/2023 15:30	1	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	10/23/2023 12:20	10/23/2023 15:30	1	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	10/23/2023 12:20	10/23/2023 15:30	1	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	10/23/2023 12:20	10/23/2023 15:30	6	NA
F2306930011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	10/23/2023 12:20	10/23/2023 15:30	2	NA

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Workorder: MARCO SW (F2306930)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306930011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	10/23/2023 12:20	10/23/2023 15:30	3	NA
F2306930012	MCILVAINE	WA	Calculation	10/23/2023 12:35	10/23/2023 15:30	1	NA
F2306930012	MCILVAINE	WA	DISRES	10/23/2023 12:35	10/23/2023 15:30	3	NA
F2306930012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	10/23/2023 12:35	10/23/2023 15:30	1	NA
F2306930012	MCILVAINE	WA	EPA 180.1	10/23/2023 12:35	10/23/2023 15:30	1	NA
F2306930012	MCILVAINE	WA	EPA 351.2	10/23/2023 12:35	10/23/2023 15:30	1	NA
F2306930012	MCILVAINE	WA	EPA 365.3	10/23/2023 12:35	10/23/2023 15:30	1	NA
F2306930012	MCILVAINE	WA	Field Measurements	10/23/2023 12:35	10/23/2023 15:30	6	NA
F2306930012	MCILVAINE	WA	SM 10200 H	10/23/2023 12:35	10/23/2023 15:30	2	NA
F2306930012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	10/23/2023 12:35	10/23/2023 15:30	3	NA
F2306930013	HUMMINGBIRD	WA	Calculation	10/23/2023 12:51	10/23/2023 15:30	1	NA
F2306930013	HUMMINGBIRD	WA	DISRES	10/23/2023 12:51	10/23/2023 15:30	3	NA
F2306930013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	10/23/2023 12:51	10/23/2023 15:30	1	NA
F2306930013	HUMMINGBIRD	WA	EPA 180.1	10/23/2023 12:51	10/23/2023 15:30	1	NA
F2306930013	HUMMINGBIRD	WA	EPA 351.2	10/23/2023 12:51	10/23/2023 15:30	1	NA
F2306930013	HUMMINGBIRD	WA	EPA 365.3	10/23/2023 12:51	10/23/2023 15:30	1	NA
F2306930013	HUMMINGBIRD	WA	Field Measurements	10/23/2023 12:51	10/23/2023 15:30	6	NA
F2306930013	HUMMINGBIRD	WA	SM 10200 H	10/23/2023 12:51	10/23/2023 15:30	2	NA
F2306930013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	10/23/2023 12:51	10/23/2023 15:30	3	NA
F2306930014	HOLLYHOCK	WA	Calculation	10/23/2023 13:03	10/23/2023 15:30	1	NA
F2306930014	HOLLYHOCK	WA	DISRES	10/23/2023 13:03	10/23/2023 15:30	3	NA
F2306930014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	10/23/2023 13:03	10/23/2023 15:30	1	NA
F2306930014	HOLLYHOCK	WA	EPA 180.1	10/23/2023 13:03	10/23/2023 15:30	1	NA
F2306930014	HOLLYHOCK	WA	EPA 351.2	10/23/2023 13:03	10/23/2023 15:30	1	NA
F2306930014	HOLLYHOCK	WA	EPA 365.3	10/23/2023 13:03	10/23/2023 15:30	1	NA
F2306930014	HOLLYHOCK	WA	Field Measurements	10/23/2023 13:03	10/23/2023 15:30	6	NA
F2306930014	HOLLYHOCK	WA	SM 10200 H	10/23/2023 13:03	10/23/2023 15:30	2	NA
F2306930014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	10/23/2023 13:03	10/23/2023 15:30	3	NA
F2306930015	WINDMILL	WA	Calculation	10/23/2023 13:18	10/23/2023 15:30	1	NA
F2306930015	WINDMILL	WA	DISRES	10/23/2023 13:18	10/23/2023 15:30	3	NA
F2306930015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	10/23/2023 13:18	10/23/2023 15:30	1	NA
F2306930015	WINDMILL	WA	EPA 180.1	10/23/2023 13:18	10/23/2023 15:30	1	NA
F2306930015	WINDMILL	WA	EPA 351.2	10/23/2023 13:18	10/23/2023 15:30	1	NA

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Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306930015	WINDMILL	WA	EPA 365.3	10/23/2023 13:18	10/23/2023 15:30	1	NA
F2306930015	WINDMILL	WA	Field Measurements	10/23/2023 13:18	10/23/2023 15:30	6	NA
F2306930015	WINDMILL	WA	SM 10200 H	10/23/2023 13:18	10/23/2023 15:30	2	NA
F2306930015	WINDMILL	WA	SM 4500NO3-F (Low Level)	10/23/2023 13:18	10/23/2023 15:30	3	NA
F2306930016	EQUIPMENT_BLANK	WA	Calculation	10/23/2023 13:24	10/23/2023 15:30	1	NA
F2306930016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 13:24	10/23/2023 15:30	1	NA
F2306930016	EQUIPMENT_BLANK	WA	EPA 180.1	10/23/2023 13:24	10/23/2023 15:30	1	NA
F2306930016	EQUIPMENT_BLANK	WA	EPA 351.2	10/23/2023 13:24	10/23/2023 15:30	1	NA
F2306930016	EQUIPMENT_BLANK	WA	EPA 365.3	10/23/2023 13:24	10/23/2023 15:30	1	NA
F2306930016	EQUIPMENT_BLANK	WA	SM 10200 H	10/23/2023 13:24	10/23/2023 15:30	2	NA
F2306930016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	10/23/2023 13:24	10/23/2023 15:30	3	NA
F2306930017	EAST_RIVER_MARKER_3	WA	Calculation	10/23/2023 09:16	10/23/2023 15:30	1	NA
F2306930017	EAST_RIVER_MARKER_3	WA	DISRES	10/23/2023 09:16	10/23/2023 15:30	3	NA
F2306930017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 09:16	10/23/2023 15:30	1	NA
F2306930017	EAST_RIVER_MARKER_3	WA	EPA 180.1	10/23/2023 09:16	10/23/2023 15:30	1	NA
F2306930017	EAST_RIVER_MARKER_3	WA	EPA 351.2	10/23/2023 09:16	10/23/2023 15:30	1	NA
F2306930017	EAST_RIVER_MARKER_3	WA	EPA 365.3	10/23/2023 09:16	10/23/2023 15:30	1	NA
F2306930017	EAST_RIVER_MARKER_3	WA	Field Measurements	10/23/2023 09:16	10/23/2023 15:30	6	NA
F2306930017	EAST_RIVER_MARKER_3	WA	SM 10200 H	10/23/2023 09:16	10/23/2023 15:30	2	NA
F2306930017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	10/23/2023 09:16	10/23/2023 15:30	3	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	Calculation	10/23/2023 08:56	10/23/2023 15:30	1	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	DISRES	10/23/2023 08:56	10/23/2023 15:30	3	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 08:56	10/23/2023 15:30	1	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	10/23/2023 08:56	10/23/2023 15:30	1	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	10/23/2023 08:56	10/23/2023 15:30	1	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	10/23/2023 08:56	10/23/2023 15:30	1	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	Field Measurements	10/23/2023 08:56	10/23/2023 15:30	6	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	10/23/2023 08:56	10/23/2023 15:30	2	NA
F2306930018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	10/23/2023 08:56	10/23/2023 15:30	3	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	Calculation	10/23/2023 08:20	10/23/2023 15:30	1	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	DISRES	10/23/2023 08:20	10/23/2023 15:30	3	NA

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Workorder: MARCO SW (F2306930)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306930019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 08:20	10/23/2023 15:30	1	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	10/23/2023 08:20	10/23/2023 15:30	1	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	10/23/2023 08:20	10/23/2023 15:30	1	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	10/23/2023 08:20	10/23/2023 15:30	1	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	Field Measurements	10/23/2023 08:20	10/23/2023 15:30	6	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	10/23/2023 08:20	10/23/2023 15:30	2	NA
F2306930019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	10/23/2023 08:20	10/23/2023 15:30	3	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	Calculation	10/23/2023 08:40	10/23/2023 15:30	1	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	DISRES	10/23/2023 08:40	10/23/2023 15:30	3	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	10/23/2023 08:40	10/23/2023 15:30	1	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	10/23/2023 08:40	10/23/2023 15:30	1	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	10/23/2023 08:40	10/23/2023 15:30	1	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	10/23/2023 08:40	10/23/2023 15:30	1	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	Field Measurements	10/23/2023 08:40	10/23/2023 15:30	6	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	10/23/2023 08:40	10/23/2023 15:30	2	NA
F2306930020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	10/23/2023 08:40	10/23/2023 15:30	3	NA

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Workorder: MARCO SW (F2306930)

Workorder Summary

Batch Comments

WCAg/13481 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for J2315859002 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 G2310534001 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 G2310534001 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/13538 - TKN,E351.2 Analysis,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample G2310640002 for TKN were (24%, -8%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The control criteria for matrix spike recoveries of TKN for J2316010003 are not applicable. The analyte concentration in the sample was greater than 10 times the added spike concentrations, preventing accurate evaluation of the spike recovery. No further corrective action was required.

WCAI/24695 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate + Nitrite for F2306930001 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outliers suggest a potential bias in this matrix. No further corrective action was required.

WCAI/24696 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate+Nitrite for F2306930011 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was within the acceptable range, which indicates the analytical batch was in control. The matrix spike outliers suggest a potential bias in this matrix. No further corrective action was required.

Analysis Results Comments

F2306930001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2306930001-20 filtered on 10/24/2023 at 10:00

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Workorder: MARCO SW (F2306930)

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 SW (F2306930)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930001 Date Collected: 10/23/2023 07:46 Matrix: Water								
Sample ID: BARFIELD_BRIDGE Date Received: 10/23/2023 15:30								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 07:46	10/23/2023 07:46	F^
Secchi Disc	1.5	meters			1	10/23/2023 07:46	10/23/2023 07:46	F^
Total Depth	2.5	meters			1	10/23/2023 07:46	10/23/2023 07:46	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46979	umhos/cm			1	10/23/2023 07:46	10/23/2023 07:46	F^
DO Saturation %	66.7	%			1	10/23/2023 07:46	10/23/2023 07:46	F^
Dissolved Oxygen	4.58	mg/L			1	10/23/2023 07:46	10/23/2023 07:46	F^
Salinity	30.52	ppt			1	10/23/2023 07:46	10/23/2023 07:46	F^
Temperature	26.8	°C			1	10/23/2023 07:46	10/23/2023 07:46	F^
pH	7.79	SU			1	10/23/2023 07:46	10/23/2023 07:46	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.279 I	mg/L	0.50	0.20	1	12/05/2023 01:30	12/05/2023 01:30	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.259 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.6	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.016	mg/L	0.010	0.0060	1	10/24/2023 12:47	10/24/2023 12:47	T
Nitrate + Nitrite	0.020	mg/L	0.020	0.010	1	10/24/2023 12:47	10/24/2023 12:47	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:47	10/24/2023 12:47	T





FINAL

Workorder: MARCO SW (F2306930)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Workorder: MARCO SW (F2306930)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930002 Date Collected: 10/23/2023 09:45 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 10/23/2023 15:30								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 09:45	10/23/2023 09:45	F^
Secchi Disc	1	meters			1	10/23/2023 09:45	10/23/2023 09:45	F^
Total Depth	1.5	meters			1	10/23/2023 09:45	10/23/2023 09:45	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47297	umhos/cm			1	10/23/2023 09:45	10/23/2023 09:45	F^
DO Saturation %	69.7	%			1	10/23/2023 09:45	10/23/2023 09:45	F^
Dissolved Oxygen	4.8	mg/L			1	10/23/2023 09:45	10/23/2023 09:45	F^
Salinity	30.75	ppt			1	10/23/2023 09:45	10/23/2023 09:45	F^
Temperature	26	°C			1	10/23/2023 09:45	10/23/2023 09:45	F^
pH	7.92	SU			1	10/23/2023 09:45	10/23/2023 09:45	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:31	12/05/2023 01:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.0	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0070 I	mg/L	0.010	0.0060	1	10/24/2023 12:49	10/24/2023 12:49	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 12:49	10/24/2023 12:49	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:49	10/24/2023 12:49	T





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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930003 **Date Collected:** 10/23/2023 10:26 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 10:26	10/23/2023 10:26	F^
Secchi Disc	3	meters			1	10/23/2023 10:26	10/23/2023 10:26	F^
Total Depth	3	meters			1	10/23/2023 10:26	10/23/2023 10:26	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46590	umhos/cm			1	10/23/2023 10:26	10/23/2023 10:26	F^
DO Saturation %	77	%			1	10/23/2023 10:26	10/23/2023 10:26	F^
Dissolved Oxygen	5.32	mg/L			1	10/23/2023 10:26	10/23/2023 10:26	F^
Salinity	30.14	ppt			1	10/23/2023 10:26	10/23/2023 10:26	F^
Temperature	27.3	°C			1	10/23/2023 10:26	10/23/2023 10:26	F^
pH	7.94	SU			1	10/23/2023 10:26	10/23/2023 10:26	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:33	12/05/2023 01:33	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.022	mg/L	0.010	0.0060	1	10/24/2023 12:50	10/24/2023 12:50	T
Nitrate + Nitrite	0.024	mg/L	0.020	0.010	1	10/24/2023 12:50	10/24/2023 12:50	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:50	10/24/2023 12:50	T





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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930004 **Date Collected:** 10/23/2023 10:48 **Matrix:** Water
Sample ID: KENDALL- **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 10:48	10/23/2023 10:48	F^
Secchi Disc	1.25	meters			1	10/23/2023 10:48	10/23/2023 10:48	F^
Total Depth	1.25	meters			1	10/23/2023 10:48	10/23/2023 10:48	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46844	umhos/cm			1	10/23/2023 10:48	10/23/2023 10:48	F^
DO Saturation %	104.4	%			1	10/23/2023 10:48	10/23/2023 10:48	F^
Dissolved Oxygen	6.99	mg/L			1	10/23/2023 10:48	10/23/2023 10:48	F^
Salinity	30.39	ppt			1	10/23/2023 10:48	10/23/2023 10:48	F^
Temperature	27.1	°C			1	10/23/2023 10:48	10/23/2023 10:48	F^
pH	7.93	SU			1	10/23/2023 10:48	10/23/2023 10:48	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:34	12/05/2023 01:34	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.2	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0080 I	mg/L	0.010	0.0060	1	10/24/2023 12:51	10/24/2023 12:51	T
Nitrate + Nitrite	0.010 I	mg/L	0.020	0.010	1	10/24/2023 12:51	10/24/2023 12:51	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:51	10/24/2023 12:51	T





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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930005 **Date Collected:** 10/23/2023 10:57 **Matrix:** Water
Sample ID: COLLIER_BRIDGE **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 10:57	10/23/2023 10:57	F^
Secchi Disc	2	meters			1	10/23/2023 10:57	10/23/2023 10:57	F^
Total Depth	2	meters			1	10/23/2023 10:57	10/23/2023 10:57	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46591	umhos/cm			1	10/23/2023 10:57	10/23/2023 10:57	F^
DO Saturation %	61.3	%			1	10/23/2023 10:57	10/23/2023 10:57	F^
Dissolved Oxygen	4.09	mg/L			1	10/23/2023 10:57	10/23/2023 10:57	F^
Salinity	30.16	ppt			1	10/23/2023 10:57	10/23/2023 10:57	F^
Temperature	27.5	°C			1	10/23/2023 10:57	10/23/2023 10:57	F^
pH	7.91	SU			1	10/23/2023 10:57	10/23/2023 10:57	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:35	12/05/2023 01:35	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/31/2023 12:14	11/02/2023 09:21	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.6	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.013	mg/L	0.010	0.0060	1	10/24/2023 12:52	10/24/2023 12:52	T
Nitrate + Nitrite	0.015 I	mg/L	0.020	0.010	1	10/24/2023 12:52	10/24/2023 12:52	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:52	10/24/2023 12:52	T





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Workorder: MARCO SW (F2306930)

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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930006 **Date Collected:** 10/23/2023 11:30 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 11:30	10/23/2023 11:30	F^
Secchi Disc	2	meters			1	10/23/2023 11:30	10/23/2023 11:30	F^
Total Depth	2	meters			1	10/23/2023 11:30	10/23/2023 11:30	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46990	umhos/cm			1	10/23/2023 11:30	10/23/2023 11:30	F^
DO Saturation %	78.7	%			1	10/23/2023 11:30	10/23/2023 11:30	F^
Dissolved Oxygen	5.25	mg/L			1	10/23/2023 11:30	10/23/2023 11:30	F^
Salinity	30.51	ppt			1	10/23/2023 11:30	10/23/2023 11:30	F^
Temperature	26.9	°C			1	10/23/2023 11:30	10/23/2023 11:30	F^
pH	7.97	SU			1	10/23/2023 11:30	10/23/2023 11:30	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.358 I	mg/L	0.50	0.20	1	12/05/2023 01:36	12/05/2023 01:36	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.344 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.80	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.013	mg/L	0.010	0.0060	1	10/24/2023 12:52	10/24/2023 12:52	T
Nitrate + Nitrite	0.014 I	mg/L	0.020	0.010	1	10/24/2023 12:52	10/24/2023 12:52	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:52	10/24/2023 12:52	T





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Workorder: MARCO SW (F2306930)

Analytical Results

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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930007 **Date Collected:** 10/23/2023 11:35 **Matrix:** Water
Sample ID: LANDMARK_DUP **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 11:35	10/23/2023 11:35	F^
Secchi Disc	2	meters			1	10/23/2023 11:35	10/23/2023 11:35	F^
Total Depth	2	meters			1	10/23/2023 11:35	10/23/2023 11:35	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47031	umhos/cm			1	10/23/2023 11:35	10/23/2023 11:35	F^
DO Saturation %	77.1	%			1	10/23/2023 11:35	10/23/2023 11:35	F^
Dissolved Oxygen	5.12	mg/L			1	10/23/2023 11:35	10/23/2023 11:35	F^
Salinity	30.53	ppt			1	10/23/2023 11:35	10/23/2023 11:35	F^
Temperature	26.7	°C			1	10/23/2023 11:35	10/23/2023 11:35	F^
pH	8	SU			1	10/23/2023 11:35	10/23/2023 11:35	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.494 I	mg/L	0.50	0.20	1	12/05/2023 01:36	12/05/2023 01:36	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.481 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.80	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.012	mg/L	0.010	0.0060	1	10/24/2023 12:53	10/24/2023 12:53	T
Nitrate + Nitrite	0.013 I	mg/L	0.020	0.010	1	10/24/2023 12:53	10/24/2023 12:53	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:53	10/24/2023 12:53	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930008 Date Collected: 10/23/2023 11:47 Matrix: Water								
Sample ID: HC_CENTER Date Received: 10/23/2023 15:30								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 11:47	10/23/2023 11:47	F^
Secchi Disc	1.25	meters			1	10/23/2023 11:47	10/23/2023 11:47	F^
Total Depth	1.25	meters			1	10/23/2023 11:47	10/23/2023 11:47	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46155	umhos/cm			1	10/23/2023 11:47	10/23/2023 11:47	F^
DO Saturation %	72.2	%			1	10/23/2023 11:47	10/23/2023 11:47	F^
Dissolved Oxygen	4.73	mg/L			1	10/23/2023 11:47	10/23/2023 11:47	F^
Salinity	29.89	ppt			1	10/23/2023 11:47	10/23/2023 11:47	F^
Temperature	27.3	°C			1	10/23/2023 11:47	10/23/2023 11:47	F^
pH	7.96	SU			1	10/23/2023 11:47	10/23/2023 11:47	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.432 I	mg/L	0.50	0.20	1	12/05/2023 01:37	12/05/2023 01:37	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.432 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.69	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 I	mg/L	0.010	0.0060	1	10/24/2023 12:54	10/24/2023 12:54	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 12:54	10/24/2023 12:54	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:54	10/24/2023 12:54	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930009 Date Collected: 10/23/2023 11:13 Matrix: Water								
Sample ID: SWALLOW Date Received: 10/23/2023 15:30								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 11:13	10/23/2023 11:13	F^
Secchi Disc	1.5	meters			1	10/23/2023 11:13	10/23/2023 11:13	F^
Total Depth	2	meters			1	10/23/2023 11:13	10/23/2023 11:13	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46869	umhos/cm			1	10/23/2023 11:13	10/23/2023 11:13	F^
DO Saturation %	50	%			1	10/23/2023 11:13	10/23/2023 11:13	F^
Dissolved Oxygen	3.38	mg/L			1	10/23/2023 11:13	10/23/2023 11:13	F^
Salinity	30.34	ppt			1	10/23/2023 11:13	10/23/2023 11:13	F^
Temperature	27.2	°C			1	10/23/2023 11:13	10/23/2023 11:13	F^
pH	7.9	SU			1	10/23/2023 11:13	10/23/2023 11:13	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.374 I	mg/L	0.50	0.20	1	12/05/2023 01:38	12/05/2023 01:38	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.356 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.7	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.015	mg/L	0.010	0.0060	1	10/24/2023 12:55	10/24/2023 12:55	T
Nitrate + Nitrite	0.018 I	mg/L	0.020	0.010	1	10/24/2023 12:55	10/24/2023 12:55	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:55	10/24/2023 12:55	T





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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930010 **Date Collected:** 10/23/2023 12:05 **Matrix:** Water
Sample ID: W_WINTERBERRY_BRID **Date Received:** 10/23/2023 15:30
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 12:05	10/23/2023 12:05	F^
Secchi Disc	2	meters			1	10/23/2023 12:05	10/23/2023 12:05	F^
Total Depth	2	meters			1	10/23/2023 12:05	10/23/2023 12:05	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47081	umhos/cm			1	10/23/2023 12:05	10/23/2023 12:05	F^
DO Saturation %	72.4	%			1	10/23/2023 12:05	10/23/2023 12:05	F^
Dissolved Oxygen	4.83	mg/L			1	10/23/2023 12:05	10/23/2023 12:05	F^
Salinity	30.57	ppt			1	10/23/2023 12:05	10/23/2023 12:05	F^
Temperature	27	°C			1	10/23/2023 12:05	10/23/2023 12:05	F^
pH	7.93	SU			1	10/23/2023 12:05	10/23/2023 12:05	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.328 I	mg/L	0.50	0.20	1	12/05/2023 01:38	12/05/2023 01:38	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.316 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.0	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.022	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.011	mg/L	0.010	0.0060	1	10/24/2023 12:55	10/24/2023 12:55	T
Nitrate + Nitrite	0.012 I	mg/L	0.020	0.010	1	10/24/2023 12:55	10/24/2023 12:55	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 12:55	10/24/2023 12:55	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930011 Date Collected: 10/23/2023 12:20 Matrix: Water								
Sample ID: E_WINTERBERRY_BRID Date Received: 10/23/2023 15:30								
GE								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
Secchi Disc	1.75	meters			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
Total Depth	1.75	meters			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
FIELD PARAMETERS (Field Measurements)								
Conductivity	46994	umhos/cm			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
DO Saturation %	75.3	%			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
Dissolved Oxygen	5.51	mg/L			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
Salinity	30.52	ppt			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
Temperature	27.1	°C			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
pH	7.98	SU			1	10/23/2023 12:20	10/23/2023 12:20	F [^]
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.280 I	mg/L	0.50	0.20	1	12/05/2023 01:42	12/05/2023 01:42	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.280 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0080 I	mg/L	0.010	0.0060	1	10/24/2023 13:03	10/24/2023 13:03	T
Nitrate + Nitrite	0.010 I	mg/L	0.020	0.010	1	10/24/2023 13:03	10/24/2023 13:03	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:03	10/24/2023 13:03	T





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Workorder: MARCO SW (F2306930)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Workorder: MARCO SW (F2306930)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930012 Date Collected: 10/23/2023 12:35 Matrix: Water								
Sample ID: MCILVAINE Date Received: 10/23/2023 15:30								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 12:35	10/23/2023 12:35	F^
Secchi Disc	1.5	meters			1	10/23/2023 12:35	10/23/2023 12:35	F^
Total Depth	2	meters			1	10/23/2023 12:35	10/23/2023 12:35	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47525	umhos/cm			1	10/23/2023 12:35	10/23/2023 12:35	F^
DO Saturation %	65.4	%			1	10/23/2023 12:35	10/23/2023 12:35	F^
Dissolved Oxygen	4.43	mg/L			1	10/23/2023 12:35	10/23/2023 12:35	F^
Salinity	30.9	ppt			1	10/23/2023 12:35	10/23/2023 12:35	F^
Temperature	26.6	°C			1	10/23/2023 12:35	10/23/2023 12:35	F^
pH	7.97	SU			1	10/23/2023 12:35	10/23/2023 12:35	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:43	12/05/2023 01:43	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.4	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.014	mg/L	0.010	0.0060	1	10/24/2023 13:05	10/24/2023 13:05	T
Nitrate + Nitrite	0.015 I	mg/L	0.020	0.010	1	10/24/2023 13:05	10/24/2023 13:05	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:05	10/24/2023 13:05	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930013 Date Collected: 10/23/2023 12:51 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 10/23/2023 15:30								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 12:51	10/23/2023 12:51	F^
Secchi Disc	1.25	meters			1	10/23/2023 12:51	10/23/2023 12:51	F^
Total Depth	1.25	meters			1	10/23/2023 12:51	10/23/2023 12:51	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46834	umhos/cm			1	10/23/2023 12:51	10/23/2023 12:51	F^
DO Saturation %	75.1	%			1	10/23/2023 12:51	10/23/2023 12:51	F^
Dissolved Oxygen	4.95	mg/L			1	10/23/2023 12:51	10/23/2023 12:51	F^
Salinity	30.39	ppt			1	10/23/2023 12:51	10/23/2023 12:51	F^
Temperature	27.6	°C			1	10/23/2023 12:51	10/23/2023 12:51	F^
pH	7.97	SU			1	10/23/2023 12:51	10/23/2023 12:51	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.347 I	mg/L	0.50	0.20	1	12/05/2023 01:45	12/05/2023 01:45	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.326 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.78	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.017	mg/L	0.010	0.0060	1	10/24/2023 13:06	10/24/2023 13:06	T
Nitrate + Nitrite	0.021	mg/L	0.020	0.010	1	10/24/2023 13:06	10/24/2023 13:06	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:06	10/24/2023 13:06	T





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Lab ID: F2306930014 **Date Collected:** 10/23/2023 13:03 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 13:03	10/23/2023 13:03	F^
Secchi Disc	1.25	meters			1	10/23/2023 13:03	10/23/2023 13:03	F^
Total Depth	1.25	meters			1	10/23/2023 13:03	10/23/2023 13:03	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47518	umhos/cm			1	10/23/2023 13:03	10/23/2023 13:03	F^
DO Saturation %	55.3	%			1	10/23/2023 13:03	10/23/2023 13:03	F^
Dissolved Oxygen	3.71	mg/L			1	10/23/2023 13:03	10/23/2023 13:03	F^
Salinity	30.9	ppt			1	10/23/2023 13:03	10/23/2023 13:03	F^
Temperature	26.7	°C			1	10/23/2023 13:03	10/23/2023 13:03	F^
pH	7.91	SU			1	10/23/2023 13:03	10/23/2023 13:03	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.330 I	mg/L	0.50	0.20	1	12/05/2023 01:45	12/05/2023 01:45	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.303 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.1	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.023	mg/L	0.010	0.0060	1	10/24/2023 13:07	10/24/2023 13:07	T
Nitrate + Nitrite	0.027	mg/L	0.020	0.010	1	10/24/2023 13:07	10/24/2023 13:07	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:07	10/24/2023 13:07	T





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Lab ID: F2306930015 **Date Collected:** 10/23/2023 13:18 **Matrix:** Water
Sample ID: WINDMILL **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 13:18	10/23/2023 13:18	F^
Secchi Disc	1.5	meters			1	10/23/2023 13:18	10/23/2023 13:18	F^
Total Depth	2	meters			1	10/23/2023 13:18	10/23/2023 13:18	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46876	umhos/cm			1	10/23/2023 13:18	10/23/2023 13:18	F^
DO Saturation %	71.6	%			1	10/23/2023 13:18	10/23/2023 13:18	F^
Dissolved Oxygen	4.8	mg/L			1	10/23/2023 13:18	10/23/2023 13:18	F^
Salinity	30.42	ppt			1	10/23/2023 13:18	10/23/2023 13:18	F^
Temperature	27	°C			1	10/23/2023 13:18	10/23/2023 13:18	F^
pH	7.95	SU			1	10/23/2023 13:18	10/23/2023 13:18	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.244 I	mg/L	0.50	0.20	1	12/05/2023 01:46	12/05/2023 01:46	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.244 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.8	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	10/24/2023 13:07	10/24/2023 13:07	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 13:07	10/24/2023 13:07	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:07	10/24/2023 13:07	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930016 Date Collected: 10/23/2023 13:24 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 10/23/2023 15:30								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:47	12/05/2023 01:47	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.16	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.014	mg/L	0.010	0.0060	1	10/24/2023 13:08	10/24/2023 13:08	T
Nitrate + Nitrite	0.014 I	mg/L	0.020	0.010	1	10/24/2023 13:08	10/24/2023 13:08	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:08	10/24/2023 13:08	T





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Workorder: MARCO SW (F2306930)

Analytical Results

Lab ID: F2306930017 **Date Collected:** 10/23/2023 09:16 **Matrix:** Water
Sample ID: EAST_RIVER_MARKER_3 **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 09:16	10/23/2023 09:16	F^
Secchi Disc	1	meters			1	10/23/2023 09:16	10/23/2023 09:16	F^
Total Depth	2.37	meters			1	10/23/2023 09:16	10/23/2023 09:16	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47125	umhos/cm			1	10/23/2023 09:16	10/23/2023 09:16	F^
DO Saturation %	73.8	%			1	10/23/2023 09:16	10/23/2023 09:16	F^
Dissolved Oxygen	5.02	mg/L			1	10/23/2023 09:16	10/23/2023 09:16	F^
Salinity	30.59	ppt			1	10/23/2023 09:16	10/23/2023 09:16	F^
Temperature	26.2	°C			1	10/23/2023 09:16	10/23/2023 09:16	F^
pH	7.94	SU			1	10/23/2023 09:16	10/23/2023 09:16	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:47	12/05/2023 01:47	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.9	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	10/24/2023 13:09	10/24/2023 13:09	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 13:09	10/24/2023 13:09	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:09	10/24/2023 13:09	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306930018 Date Collected: 10/23/2023 08:56 Matrix: Water								
Sample ID: MID_CHANNEL_MARKER Date Received: 10/23/2023 15:30								
12								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 08:56	10/23/2023 08:56	F^
Secchi Disc	1	meters			1	10/23/2023 08:56	10/23/2023 08:56	F^
Total Depth	6.73	meters			1	10/23/2023 08:56	10/23/2023 08:56	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47072	umhos/cm			1	10/23/2023 08:56	10/23/2023 08:56	F^
DO Saturation %	83.7	%			1	10/23/2023 08:56	10/23/2023 08:56	F^
Dissolved Oxygen	5.7	mg/L			1	10/23/2023 08:56	10/23/2023 08:56	F^
Salinity	30.58	ppt			1	10/23/2023 08:56	10/23/2023 08:56	F^
Temperature	26	°C			1	10/23/2023 08:56	10/23/2023 08:56	F^
pH	7.97	SU			1	10/23/2023 08:56	10/23/2023 08:56	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.249 I	mg/L	0.50	0.20	1	12/05/2023 01:48	12/05/2023 01:48	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.249 I	mg/L	0.50	0.20	1	10/26/2023 12:48	10/27/2023 10:19	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.8	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 I	mg/L	0.010	0.0060	1	10/24/2023 13:10	10/24/2023 13:10	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 13:10	10/24/2023 13:10	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:10	10/24/2023 13:10	T





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Analytical Results

Lab ID: F2306930019 **Date Collected:** 10/23/2023 08:20 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_2 **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 08:20	10/23/2023 08:20	F^
Secchi Disc	2	meters			1	10/23/2023 08:20	10/23/2023 08:20	F^
Total Depth	5.63	meters			1	10/23/2023 08:20	10/23/2023 08:20	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47137	umhos/cm			1	10/23/2023 08:20	10/23/2023 08:20	F^
DO Saturation %	85.8	%			1	10/23/2023 08:20	10/23/2023 08:20	F^
Dissolved Oxygen	5.86	mg/L			1	10/23/2023 08:20	10/23/2023 08:20	F^
Salinity	30.63	ppt			1	10/23/2023 08:20	10/23/2023 08:20	F^
Temperature	26.1	°C			1	10/23/2023 08:20	10/23/2023 08:20	F^
pH	7.98	SU			1	10/23/2023 08:20	10/23/2023 08:20	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	31	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.217 I	mg/L	0.50	0.20	1	12/05/2023 01:48	12/05/2023 01:48	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.217 I	mg/L	0.50	0.20	1	10/31/2023 12:14	11/02/2023 09:21	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.5	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	10/24/2023 13:10	10/24/2023 13:10	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 13:10	10/24/2023 13:10	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:10	10/24/2023 13:10	T





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Analytical Results

Lab ID: F2306930020 **Date Collected:** 10/23/2023 08:40 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_4 **Date Received:** 10/23/2023 15:30

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/23/2023 08:40	10/23/2023 08:40	F^
Secchi Disc	1	meters			1	10/23/2023 08:40	10/23/2023 08:40	F^
Total Depth	3.29	meters			1	10/23/2023 08:40	10/23/2023 08:40	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47089	umhos/cm			1	10/23/2023 08:40	10/23/2023 08:40	F^
DO Saturation %	90.3	%			1	10/23/2023 08:40	10/23/2023 08:40	F^
Dissolved Oxygen	6.14	mg/L			1	10/23/2023 08:40	10/23/2023 08:40	F^
Salinity	30.6	ppt			1	10/23/2023 08:40	10/23/2023 08:40	F^
Temperature	26	°C			1	10/23/2023 08:40	10/23/2023 08:40	F^
pH	7.99	SU			1	10/23/2023 08:40	10/23/2023 08:40	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/23/2023 15:43	10/23/2023 15:43	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	12/05/2023 01:49	12/05/2023 01:49	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/31/2023 12:14	11/02/2023 09:21	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	9.8	NTU	0.10	0.10	1	10/23/2023 16:15	10/23/2023 16:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	10/30/2023 10:00	10/30/2023 16:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	11/02/2023 10:00	11/02/2023 10:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 I	mg/L	0.010	0.0060	1	10/24/2023 13:11	10/24/2023 13:11	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/24/2023 13:11	10/24/2023 13:11	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/24/2023 13:11	10/24/2023 13:11	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
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FINAL

Workorder: MARCO SW (F2306930)

Analytical Results

Certificate of Analysis

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 Fax: (239) 674-8128

FINAL

Workorder: MARCO SW (F2306930)

QC Results

QC Batch: MICf/3074 **Analysis Method:** ENTEROLERT/ QUANTI-TRAY
Preparation Method: ENTEROLERT/ QUANTI-TRAY
Associated Lab IDs: F2306930001, F2306930002, F2306930003, F2306930004, F2306930005, F2306930006, F2306930007, F2306930008,
 F2306930009, F2306930010, F2306930011, F2306930012, F2306930013, F2306930014, F2306930015, F2306930016,
 F2306930017, F2306930018, F2306930019, F2306930020

Method Blank(5012542)

Parameter	Results	Units	PQL	MDL	Lab
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	F





FINAL

Workorder: MARCO SW (F2306930)

QC Results

QC Batch: WCAf/4114 **Analysis Method:** EPA 180.1
Preparation Method: EPA 180.1
Associated Lab IDs: F2306930001, F2306930002, F2306930003, F2306930004, F2306930005, F2306930006, F2306930007, F2306930008,
 F2306930009, F2306930010, F2306930011, F2306930012, F2306930013, F2306930014, F2306930015, F2306930017,
 F2306930018, F2306930019, F2306930020

Method Blank(5012812)

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

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FINAL

Workorder: MARCO SW (F2306930)

QC Results

QC Batch: WCAf/4285
Preparation Method: EPA 180.1
Associated Lab IDs: F2306930016

Analysis Method: EPA 180.1

Method Blank(5068259)

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

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FINAL

Workorder: MARCO SW (F2306930)

QC Results

QC Batch: WCAg/13481 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2306930001, F2306930002, F2306930003, F2306930004, F2306930006, F2306930007, F2306930008, F2306930009, F2306930010, F2306930011, F2306930012, F2306930013, F2306930014, F2306930015, F2306930016, F2306930017, F2306930018

Method Blank(5018695)

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





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1099 - Field Measurements			
F2306930001	BARFIELD_BRIDGE		
F2306930002	OLDE_MARCO		
F2306930003	JH_PARK		
F2306930004	KENDALL-		
F2306930005	COLLIER_BRIDGE		
F2306930006	LANDMARK		
F2306930007	LANDMARK_DUP		
F2306930008	HC_CENTER		
F2306930009	SWALLOW		
F2306930010	W_WINTERBERRY_BRIDGE		
F2306930011	E_WINTERBERRY_BRIDGE		
F2306930012	MCILVAINE		
F2306930013	HUMMINGBIRD		
F2306930014	HOLLYHOCK		
F2306930015	WINDMILL		
F2306930017	EAST_RIVER_MARKER_3		
F2306930018	MID_CHANNEL_MARKER_12		
F2306930019	CAPRI_PASS_MARKER_2		
F2306930020	CAPRI_PASS_MARKER_4		





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1100 - DISRES			
F2306930001	BARFIELD_BRIDGE		
F2306930002	OLDE_MARCO		
F2306930003	JH_PARK		
F2306930004	KENDALL-		
F2306930005	COLLIER_BRIDGE		
F2306930006	LANDMARK		
F2306930007	LANDMARK_DUP		
F2306930008	HC_CENTER		
F2306930009	SWALLOW		
F2306930010	W_WINTERBERRY_BRIDGE		
F2306930011	E_WINTERBERRY_BRIDGE		
F2306930012	MCILVAINE		
F2306930013	HUMMINGBIRD		
F2306930014	HOLLYHOCK		
F2306930015	WINDMILL		
F2306930017	EAST_RIVER_MARKER_3		
F2306930018	MID_CHANNEL_MARKER_12		
F2306930019	CAPRI_PASS_MARKER_2		
F2306930020	CAPRI_PASS_MARKER_4		





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/3074 - ENTEROLERT/ QUANTI-TRAY			
F2306930001	BARFIELD_BRIDGE		
F2306930002	OLDE_MARCO		
F2306930003	JH_PARK		
F2306930004	KENDALL-		
F2306930005	COLLIER_BRIDGE		
F2306930006	LANDMARK		
F2306930007	LANDMARK_DUP		
F2306930008	HC_CENTER		
F2306930009	SWALLOW		
F2306930010	W_WINTERBERRY_BRIDGE		
F2306930011	E_WINTERBERRY_BRIDGE		
F2306930012	MCILVAINE		
F2306930013	HUMMINGBIRD		
F2306930014	HOLLYHOCK		
F2306930015	WINDMILL		
F2306930016	EQUIPMENT_BLANK		
F2306930017	EAST_RIVER_MARKER_3		
F2306930018	MID_CHANNEL_MARKER_12		
F2306930019	CAPRI_PASS_MARKER_2		
F2306930020	CAPRI_PASS_MARKER_4		





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/4114 - EPA 180.1			
F2306930001	BARFIELD_BRIDGE		
F2306930002	OLDE_MARCO		
F2306930003	JH_PARK		
F2306930004	KENDALL-		
F2306930005	COLLIER_BRIDGE		
F2306930006	LANDMARK		
F2306930007	LANDMARK_DUP		
F2306930008	HC_CENTER		
F2306930009	SWALLOW		
F2306930010	W_WINTERBERRY_BRIDGE		
F2306930011	E_WINTERBERRY_BRIDGE		
F2306930012	MCILVAINE		
F2306930013	HUMMINGBIRD		
F2306930014	HOLLYHOCK		
F2306930015	WINDMILL		
F2306930017	EAST_RIVER_MARKER_3		
F2306930018	MID_CHANNEL_MARKER_12		
F2306930019	CAPRI_PASS_MARKER_2		
F2306930020	CAPRI_PASS_MARKER_4		
WCAf/4285 - EPA 180.1			
F2306930016	EQUIPMENT_BLANK		





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/13481 - EPA 351.2			
F2306930001	BARFIELD_BRIDGE	WCAg/13462	Copper Sulfate Digestion
F2306930002	OLDE_MARCO	WCAg/13462	Copper Sulfate Digestion
F2306930003	JH_PARK	WCAg/13462	Copper Sulfate Digestion
F2306930004	KENDALL-	WCAg/13462	Copper Sulfate Digestion
F2306930006	LANDMARK	WCAg/13462	Copper Sulfate Digestion
F2306930007	LANDMARK_DUP	WCAg/13462	Copper Sulfate Digestion
F2306930008	HC_CENTER	WCAg/13462	Copper Sulfate Digestion
F2306930009	SWALLOW	WCAg/13462	Copper Sulfate Digestion
F2306930010	W_WINTERBERRY_BRIDGE	WCAg/13462	Copper Sulfate Digestion
F2306930011	E_WINTERBERRY_BRIDGE	WCAg/13462	Copper Sulfate Digestion
F2306930012	MCILVAINE	WCAg/13462	Copper Sulfate Digestion
F2306930013	HUMMINGBIRD	WCAg/13462	Copper Sulfate Digestion
F2306930014	HOLLYHOCK	WCAg/13462	Copper Sulfate Digestion
F2306930015	WINDMILL	WCAg/13462	Copper Sulfate Digestion
F2306930016	EQUIPMENT_BLANK	WCAg/13462	Copper Sulfate Digestion
F2306930017	EAST_RIVER_MARKER_3	WCAg/13462	Copper Sulfate Digestion
F2306930018	MID_CHANNEL_MARKER_12	WCAg/13462	Copper Sulfate Digestion





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/13490 - EPA 365.3			
F2306930001	BARFIELD_BRIDGE	WCAg/13489	EPA 365.3
F2306930002	OLDE_MARCO	WCAg/13489	EPA 365.3
F2306930003	JH_PARK	WCAg/13489	EPA 365.3
F2306930004	KENDALL-	WCAg/13489	EPA 365.3
F2306930005	COLLIER_BRIDGE	WCAg/13489	EPA 365.3
F2306930006	LANDMARK	WCAg/13489	EPA 365.3
F2306930007	LANDMARK_DUP	WCAg/13489	EPA 365.3
F2306930008	HC_CENTER	WCAg/13489	EPA 365.3
F2306930009	SWALLOW	WCAg/13489	EPA 365.3
F2306930010	W_WINTERBERRY_BRIDGE	WCAg/13489	EPA 365.3
F2306930011	E_WINTERBERRY_BRIDGE	WCAg/13489	EPA 365.3
F2306930012	MCILVAINE	WCAg/13489	EPA 365.3
F2306930013	HUMMINGBIRD	WCAg/13489	EPA 365.3
F2306930014	HOLLYHOCK	WCAg/13489	EPA 365.3
F2306930015	WINDMILL	WCAg/13489	EPA 365.3
F2306930016	EQUIPMENT_BLANK	WCAg/13489	EPA 365.3
F2306930017	EAST_RIVER_MARKER_3	WCAg/13489	EPA 365.3
F2306930018	MID_CHANNEL_MARKER_12	WCAg/13489	EPA 365.3
F2306930019	CAPRI_PASS_MARKER_2	WCAg/13489	EPA 365.3
F2306930020	CAPRI_PASS_MARKER_4	WCAg/13489	EPA 365.3





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/13510 - SM 10200 H			
F2306930001	BARFIELD_BRIDGE		
F2306930002	OLDE_MARCO		
F2306930003	JH_PARK		
F2306930004	KENDALL-		
F2306930005	COLLIER_BRIDGE		
F2306930006	LANDMARK		
F2306930007	LANDMARK_DUP		
F2306930008	HC_CENTER		
F2306930009	SWALLOW		
F2306930010	W_WINTERBERRY_BRIDGE		
F2306930011	E_WINTERBERRY_BRIDGE		
F2306930012	MCILVAINE		
F2306930013	HUMMINGBIRD		
F2306930014	HOLLYHOCK		
F2306930015	WINDMILL		
F2306930016	EQUIPMENT_BLANK		
F2306930017	EAST_RIVER_MARKER_3		
F2306930018	MID_CHANNEL_MARKER_12		
F2306930019	CAPRI_PASS_MARKER_2		
F2306930020	CAPRI_PASS_MARKER_4		
WCAg/13538 - EPA 351.2			
F2306930005	COLLIER_BRIDGE	WCAg/13501	Copper Sulfate Digestion
F2306930019	CAPRI_PASS_MARKER_2	WCAg/13501	Copper Sulfate Digestion
F2306930020	CAPRI_PASS_MARKER_4	WCAg/13501	Copper Sulfate Digestion





FINAL

Workorder: MARCO SW (F2306930)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/24695 - SM 4500NO3-F (Low Level)			
F2306930001	BARFIELD_BRIDGE		
F2306930002	OLDE_MARCO		
F2306930003	JH_PARK		
F2306930004	KENDALL-		
F2306930005	COLLIER_BRIDGE		
F2306930006	LANDMARK		
F2306930007	LANDMARK_DUP		
F2306930008	HC_CENTER		
F2306930009	SWALLOW		
F2306930010	W_WINTERBERRY_BRIDGE		
WCAI/24696 - SM 4500NO3-F (Low Level)			
F2306930011	E_WINTERBERRY_BRIDGE		
F2306930012	MCILVAINE		
F2306930013	HUMMINGBIRD		
F2306930014	HOLLYHOCK		
F2306930015	WINDMILL		
F2306930016	EQUIPMENT_BLANK		
F2306930017	EAST_RIVER_MARKER_3		
F2306930018	MID_CHANNEL_MARKER_12		
F2306930019	CAPRI_PASS_MARKER_2		
F2306930020	CAPRI_PASS_MARKER_4		





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Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: ES3076
Fort Myers: 13100 Westlakes Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: EB4492
Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: EB2574
Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: EB11095

Gaines
Mirama
Tampa



* F 2 3 0 6 9 3 0 *

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

Sampled By: P. Manard

Special Instructions:

Turn Around Time: Standard X Rush

AEL Profile #: 65884

ADAPT

EQUIS

Other WIN

Table with columns: SAMPLE ID, SAMPLE DESCRIPTION, Grab Comp, DATE, TIME, MATRIX, NO. COUNT, ANALYSIS REQUIRED (NO2/NO3, TKN/TP/TN, Chlor-A/Turbidity, Enterococci), LABORATORY I.D. NUMBER

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: 1V F: 1A

Table with columns: Relinquished by, Date, Time, Received by, Date, Time

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

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	7:46	7:46	9:45	9:45	10:26	10:26	10:45	10:45
SAMPLE DEPTH	0.30m top	2.0m	0.30m top	1.0m	0.30m top	2.5m	0.30m top	0.75m
TOTAL DEPTH	2.5m	2.5m	1.5m	1.5m	3.0m	3.0m	1.25m	1.25m
TEMP /C	26.8	26.6	26.0	26.0	27.3	27.0	27.1	27.1
D.O. mg / L	4.58	4.14	4.80	4.04	5.32	5.42	6.99	6.50
D.O. % sat.	66.7	64.3	69.7	60.0	77.0	80.6	104.4	97.7
CONDUCTIVITY(umhos)	46979	47087	47297	47296	46590	46712	46844	46868
SALINITY ppt.	30.52	30.59	30.75	30.75	30.14	30.30	30.39	30.41
pH su.	7.79	7.81	7.92	7.92	7.94	7.95	7.93	7.93
SECCHI DEPTH	1.5m	1.5m	1.0m	1.0m	3.0m	3.0m	1.25m	1.25m

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) /	NS / AEL		Sampler's Signature		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				10/23/23	

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	10:57	10:57	11:30	11:30	11:35	11:36	11:47	11:48
SAMPLE DEPTH	0.30m top	1.5m	0.30m top	1.5m	0.30m top	1.5m	0.30m top	0.75m
TOTAL DEPTH	2.0m	2.0m	2.0m	2.0m	2.0m	2.0m	1.25m	1.25m
TEMP /C	27.5	27.4	26.9	26.8	26.7	26.7	27.3	27.3
D.O. mg / L	4.09	4.00	5.25	4.73	5.12	4.80	4.73	5.03
D.O. % sat.	61.3	59.0	78.7	69.4	77.1	72.3	72.2	77.3
CONDUCTIVITY(umhos)	46591	46730	46990	47032	47031	47066	46155	46115
SALINITY ppt.	30.16	30.30	30.51	30.54	30.53	30.57	29.89	29.87
pH su.	7.91	7.88	7.97	7.99	8.00	7.99	7.96	7.96
SECCHI DEPTH	2.0m	2.0m	2.0m	2.0m	2.0m	2.0m	1.25m	1.25m

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

Authentication

SAMPLED BY: (PRINT) /	NS / AEL	
AFFILIATION:// ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature	Date
		10/23/23

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	11:13	11:13	12:05	12:05	12:20	12:20	12:35	12:35
SAMPLE DEPTH	0.30m top	1.5m	0.30m top	1.5m	0.30m top	0.50m	0.30m top	1.5m
TOTAL DEPTH	2.0m	2.0m	2.0m	2.0m	1.75m	1.75m	2.0m	2.0m
TEMP /C	27.2	27.4	27.0	27.0	27.1	27.1	26.6	26.7
D.O. mg / L	3.38	3.64	4.83	4.90	5.51	6.13	4.43	4.85
D.O. % sat.	50.0	53.6	72.4	71.6	75.3	88.2	65.4	70.4
CONDUCTIVITY(umhos)	46869	47447	47081	47105	46994	46985	47525	47523
SALINITY ppt.	30.34	30.83	30.57	30.59	30.52	30.48	30.90	30.90
pH su.	7.90	7.96	7.93	7.92	7.98	7.98	7.97	7.97
SECCHI DEPTH	1.5m	1.5m	2.0m	2.0m	1.75m	1.75m	1.5m	1.5m

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) /	NS / AEL			Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES		Sampler's Signature		10/23/23

Advanced Environmental Laboratories, Inc

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

SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK	
SAMPLE TIME	12:51	12:51	13:03	13:03	13:18	13:18	13:24	
SAMPLE DEPTH	0.30m top	0.25m	0.30m top	0.25m	0.30m top	1.5m	NA	
TOTAL DEPTH	1.25m	1.25m	1.25m	1.25m	2.0m	2.0m	NA	
TEMP /C	27.6	27.3	26.7	26.7	27.0	27.0	NA	
D.O. mg / L	4.95	4.51	3.71	3.79	4.80	5.02	NA	
D.O. % sat.	75.1	68.1	55.3	56.6	71.6	74.5	NA	
CONDUCTIVITY(umhos)	46834	46333	47518	47421	46876	47207	NA	
SALINITY ppt.	30.39	30.03	30.90	30.85	30.42	30.66	NA	
pH su.	7.97	7.88	7.91	7.90	7.95	7.94	NA	
SECCHI DEPTH	1.25m	1.25m	1.25m	1.25m	1.5m	1.5m	NA	

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

Authentication

SAMPLED BY: (PRINT) /	NS / AEL			
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature			Date
				10/23/23

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	9:16	9:16	8:56	8:56	8:20	8:20	8:40	8:40
SAMPLE DEPTH	0.30m top	4.5m	0.30m top	4.5m	0.30m top	4.5m	0.30m top	4.5m
TOTAL DEPTH	2.37m	2.37m	6.73m	6.73m	5.63m	5.63m	3.29m	3.29m
TEMP /C	26.2	26.1	26.0	26.0	26.1	26.0	26.0	25.1
D.O. mg / L	5.02	4.62	5.70	5.80	5.86	5.93	6.14	5.89
D.O. % sat.	73.8	67.7	83.7	84.9	85.8	87.0	90.3	86.2
CONDUCTIVITY(umhos)	47125	47368	47072	47122	47137	47116	47089	47161
SALINITY ppt.	30.59	30.80	30.58	30.32	30.63	30.62	30.60	30.66
pH su.	7.94	7.96	7.97	7.97	7.98	7.99	7.99	8.00
SECCHI DEPTH	1.0m	1.0m	1.0m	1.0m	2.0m	2.0m	1.0m	1.0m

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

Authentication

SAMPLED BY: (PRINT) /	NS / AEL	Sampler's Signature		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				10/23/23