



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: Marco SW (F2308252)

January 17, 2024

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

RE: Workorder: F2308252 Marco SW

Dear Justin Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday December 20, 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 (F2308252)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2308252001	BARFIELD_BRIDGE	WA	Calculation	12/20/2023 13:09	12/20/2023 14:20	1	NA
F2308252001	BARFIELD_BRIDGE	WA	DISRES	12/20/2023 13:09	12/20/2023 14:20	3	NA
F2308252001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 13:09	12/20/2023 14:20	1	NA
F2308252001	BARFIELD_BRIDGE	WA	EPA 180.1	12/20/2023 13:09	12/20/2023 14:20	1	NA
F2308252001	BARFIELD_BRIDGE	WA	EPA 351.2	12/20/2023 13:09	12/20/2023 14:20	1	NA
F2308252001	BARFIELD_BRIDGE	WA	EPA 365.3	12/20/2023 13:09	12/20/2023 14:20	1	NA
F2308252001	BARFIELD_BRIDGE	WA	Field Measurements	12/20/2023 13:09	12/20/2023 14:20	6	NA
F2308252001	BARFIELD_BRIDGE	WA	SM 10200 H	12/20/2023 13:09	12/20/2023 14:20	2	NA
F2308252001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	12/20/2023 13:09	12/20/2023 14:20	3	NA
F2308252002	OLDE_MARCO	WA	Calculation	12/20/2023 09:26	12/20/2023 14:20	1	NA
F2308252002	OLDE_MARCO	WA	DISRES	12/20/2023 09:26	12/20/2023 14:20	3	NA
F2308252002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 09:26	12/20/2023 14:20	1	NA
F2308252002	OLDE_MARCO	WA	EPA 180.1	12/20/2023 09:26	12/20/2023 14:20	1	NA
F2308252002	OLDE_MARCO	WA	EPA 351.2	12/20/2023 09:26	12/20/2023 14:20	1	NA
F2308252002	OLDE_MARCO	WA	EPA 365.3	12/20/2023 09:26	12/20/2023 14:20	1	NA
F2308252002	OLDE_MARCO	WA	Field Measurements	12/20/2023 09:26	12/20/2023 14:20	6	NA
F2308252002	OLDE_MARCO	WA	SM 10200 H	12/20/2023 09:26	12/20/2023 14:20	2	NA
F2308252002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	12/20/2023 09:26	12/20/2023 14:20	3	NA
F2308252003	JH_PARK	WA	Calculation	12/20/2023 09:45	12/20/2023 14:20	1	NA
F2308252003	JH_PARK	WA	DISRES	12/20/2023 09:45	12/20/2023 14:20	3	NA
F2308252003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 09:45	12/20/2023 14:20	1	NA
F2308252003	JH_PARK	WA	EPA 180.1	12/20/2023 09:45	12/20/2023 14:20	1	NA
F2308252003	JH_PARK	WA	EPA 351.2	12/20/2023 09:45	12/20/2023 14:20	1	NA
F2308252003	JH_PARK	WA	EPA 365.3	12/20/2023 09:45	12/20/2023 14:20	1	NA
F2308252003	JH_PARK	WA	Field Measurements	12/20/2023 09:45	12/20/2023 14:20	6	NA
F2308252003	JH_PARK	WA	SM 10200 H	12/20/2023 09:45	12/20/2023 14:20	2	NA
F2308252003	JH_PARK	WA	SM 4500NO3-F (Low Level)	12/20/2023 09:45	12/20/2023 14:20	3	NA
F2308252004	KENDALL	WA	Calculation	12/20/2023 10:00	12/20/2023 14:20	1	NA
F2308252004	KENDALL	WA	DISRES	12/20/2023 10:00	12/20/2023 14:20	3	NA
F2308252004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 10:00	12/20/2023 14:20	1	NA
F2308252004	KENDALL	WA	EPA 180.1	12/20/2023 10:00	12/20/2023 14:20	1	NA
F2308252004	KENDALL	WA	EPA 351.2	12/20/2023 10:00	12/20/2023 14:20	1	NA
F2308252004	KENDALL	WA	EPA 365.3	12/20/2023 10:00	12/20/2023 14:20	1	NA
F2308252004	KENDALL	WA	Field Measurements	12/20/2023 10:00	12/20/2023 14:20	6	NA

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Workorder: Marco SW (F2308252)

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Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2308252004	KENDALL	WA	SM 10200 H	12/20/2023 10:00	12/20/2023 14:20	2	NA
F2308252004	KENDALL	WA	SM 4500NO3-F (Low Level)	12/20/2023 10:00	12/20/2023 14:20	3	NA
F2308252005	COLLIER_BRIDGE	WA	Calculation	12/20/2023 10:10	12/20/2023 14:20	1	NA
F2308252005	COLLIER_BRIDGE	WA	DISRES	12/20/2023 10:10	12/20/2023 14:20	3	NA
F2308252005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 10:10	12/20/2023 14:20	1	NA
F2308252005	COLLIER_BRIDGE	WA	EPA 180.1	12/20/2023 10:10	12/20/2023 14:20	1	NA
F2308252005	COLLIER_BRIDGE	WA	EPA 351.2	12/20/2023 10:10	12/20/2023 14:20	1	NA
F2308252005	COLLIER_BRIDGE	WA	EPA 365.3	12/20/2023 10:10	12/20/2023 14:20	1	NA
F2308252005	COLLIER_BRIDGE	WA	Field Measurements	12/20/2023 10:10	12/20/2023 14:20	6	NA
F2308252005	COLLIER_BRIDGE	WA	SM 10200 H	12/20/2023 10:10	12/20/2023 14:20	2	NA
F2308252005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	12/20/2023 10:10	12/20/2023 14:20	3	NA
F2308252006	LANDMARK	WA	Calculation	12/20/2023 10:24	12/20/2023 14:20	1	NA
F2308252006	LANDMARK	WA	DISRES	12/20/2023 10:24	12/20/2023 14:20	3	NA
F2308252006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 10:24	12/20/2023 14:20	1	NA
F2308252006	LANDMARK	WA	EPA 180.1	12/20/2023 10:24	12/20/2023 14:20	1	NA
F2308252006	LANDMARK	WA	EPA 351.2	12/20/2023 10:24	12/20/2023 14:20	1	NA
F2308252006	LANDMARK	WA	EPA 365.3	12/20/2023 10:24	12/20/2023 14:20	1	NA
F2308252006	LANDMARK	WA	Field Measurements	12/20/2023 10:24	12/20/2023 14:20	6	NA
F2308252006	LANDMARK	WA	SM 10200 H	12/20/2023 10:24	12/20/2023 14:20	2	NA
F2308252006	LANDMARK	WA	SM 4500NO3-F (Low Level)	12/20/2023 10:24	12/20/2023 14:20	3	NA
F2308252007	LANDMARK_DUP	WA	Calculation	12/20/2023 10:28	12/20/2023 14:20	1	NA
F2308252007	LANDMARK_DUP	WA	DISRES	12/20/2023 10:28	12/20/2023 14:20	3	NA
F2308252007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 10:28	12/20/2023 14:20	1	NA
F2308252007	LANDMARK_DUP	WA	EPA 180.1	12/20/2023 10:28	12/20/2023 14:20	1	NA
F2308252007	LANDMARK_DUP	WA	EPA 351.2	12/20/2023 10:28	12/20/2023 14:20	1	NA
F2308252007	LANDMARK_DUP	WA	EPA 365.3	12/20/2023 10:28	12/20/2023 14:20	1	NA
F2308252007	LANDMARK_DUP	WA	Field Measurements	12/20/2023 10:28	12/20/2023 14:20	6	NA
F2308252007	LANDMARK_DUP	WA	SM 10200 H	12/20/2023 10:28	12/20/2023 14:20	2	NA
F2308252007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	12/20/2023 10:28	12/20/2023 14:20	3	NA
F2308252008	HC_CENTER	WA	Calculation	12/20/2023 10:41	12/20/2023 14:20	1	NA
F2308252008	HC_CENTER	WA	DISRES	12/20/2023 10:41	12/20/2023 14:20	3	NA
F2308252008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 10:41	12/20/2023 14:20	1	NA
F2308252008	HC_CENTER	WA	EPA 180.1	12/20/2023 10:41	12/20/2023 14:20	1	NA
F2308252008	HC_CENTER	WA	EPA 351.2	12/20/2023 10:41	12/20/2023 14:20	1	NA

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F2308252008	HC_CENTER	WA	EPA 365.3	12/20/2023 10:41	12/20/2023 14:20	1	NA
F2308252008	HC_CENTER	WA	Field Measurements	12/20/2023 10:41	12/20/2023 14:20	6	NA
F2308252008	HC_CENTER	WA	SM 10200 H	12/20/2023 10:41	12/20/2023 14:20	2	NA
F2308252008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	12/20/2023 10:41	12/20/2023 14:20	3	NA
F2308252009	SWALLOW	WA	Calculation	12/20/2023 10:56	12/20/2023 14:20	1	NA
F2308252009	SWALLOW	WA	DISRES	12/20/2023 10:56	12/20/2023 14:20	3	NA
F2308252009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 10:56	12/20/2023 14:20	1	NA
F2308252009	SWALLOW	WA	EPA 180.1	12/20/2023 10:56	12/20/2023 14:20	1	NA
F2308252009	SWALLOW	WA	EPA 351.2	12/20/2023 10:56	12/20/2023 14:20	1	NA
F2308252009	SWALLOW	WA	EPA 365.3	12/20/2023 10:56	12/20/2023 14:20	1	NA
F2308252009	SWALLOW	WA	Field Measurements	12/20/2023 10:56	12/20/2023 14:20	6	NA
F2308252009	SWALLOW	WA	SM 10200 H	12/20/2023 10:56	12/20/2023 14:20	2	NA
F2308252009	SWALLOW	WA	SM 4500NO3-F (Low Level)	12/20/2023 10:56	12/20/2023 14:20	3	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	Calculation	12/20/2023 11:11	12/20/2023 14:20	1	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	DISRES	12/20/2023 11:11	12/20/2023 14:20	3	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 11:11	12/20/2023 14:20	1	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	12/20/2023 11:11	12/20/2023 14:20	1	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	12/20/2023 11:11	12/20/2023 14:20	1	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	12/20/2023 11:11	12/20/2023 14:20	1	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	12/20/2023 11:11	12/20/2023 14:20	6	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	12/20/2023 11:11	12/20/2023 14:20	2	NA
F2308252010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	12/20/2023 11:11	12/20/2023 14:20	3	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	Calculation	12/20/2023 11:30	12/20/2023 14:20	1	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	DISRES	12/20/2023 11:30	12/20/2023 14:20	3	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 11:30	12/20/2023 14:20	1	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	12/20/2023 11:30	12/20/2023 14:20	1	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	12/20/2023 11:30	12/20/2023 14:20	1	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	12/20/2023 11:30	12/20/2023 14:20	1	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	12/20/2023 11:30	12/20/2023 14:20	6	NA
F2308252011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	12/20/2023 11:30	12/20/2023 14:20	2	NA

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Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2308252011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	12/20/2023 11:30	12/20/2023 14:20	3	NA
F2308252012	MCILVAINE	WA	Calculation	12/20/2023 12:00	12/20/2023 14:20	1	NA
F2308252012	MCILVAINE	WA	DISRES	12/20/2023 12:00	12/20/2023 14:20	3	NA
F2308252012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	12/20/2023 12:00	12/20/2023 14:20	1	NA
F2308252012	MCILVAINE	WA	EPA 180.1	12/20/2023 12:00	12/20/2023 14:20	1	NA
F2308252012	MCILVAINE	WA	EPA 351.2	12/20/2023 12:00	12/20/2023 14:20	1	NA
F2308252012	MCILVAINE	WA	EPA 365.3	12/20/2023 12:00	12/20/2023 14:20	1	NA
F2308252012	MCILVAINE	WA	Field Measurements	12/20/2023 12:00	12/20/2023 14:20	6	NA
F2308252012	MCILVAINE	WA	SM 10200 H	12/20/2023 12:00	12/20/2023 14:20	2	NA
F2308252012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	12/20/2023 12:00	12/20/2023 14:20	3	NA
F2308252013	HUMMINGBIRD	WA	Calculation	12/20/2023 12:41	12/20/2023 14:20	1	NA
F2308252013	HUMMINGBIRD	WA	DISRES	12/20/2023 12:41	12/20/2023 14:20	3	NA
F2308252013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	12/20/2023 12:41	12/20/2023 14:20	1	NA
F2308252013	HUMMINGBIRD	WA	EPA 180.1	12/20/2023 12:41	12/20/2023 14:20	1	NA
F2308252013	HUMMINGBIRD	WA	EPA 351.2	12/20/2023 12:41	12/20/2023 14:20	1	NA
F2308252013	HUMMINGBIRD	WA	EPA 365.3	12/20/2023 12:41	12/20/2023 14:20	1	NA
F2308252013	HUMMINGBIRD	WA	Field Measurements	12/20/2023 12:41	12/20/2023 14:20	6	NA
F2308252013	HUMMINGBIRD	WA	SM 10200 H	12/20/2023 12:41	12/20/2023 14:20	2	NA
F2308252013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	12/20/2023 12:41	12/20/2023 14:20	3	NA
F2308252014	HOLLYHOCK	WA	Calculation	12/20/2023 12:29	12/20/2023 14:20	1	NA
F2308252014	HOLLYHOCK	WA	DISRES	12/20/2023 12:29	12/20/2023 14:20	3	NA
F2308252014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	12/20/2023 12:29	12/20/2023 14:20	1	NA
F2308252014	HOLLYHOCK	WA	EPA 180.1	12/20/2023 12:29	12/20/2023 14:20	1	NA
F2308252014	HOLLYHOCK	WA	EPA 351.2	12/20/2023 12:29	12/20/2023 14:20	1	NA
F2308252014	HOLLYHOCK	WA	EPA 365.3	12/20/2023 12:29	12/20/2023 14:20	1	NA
F2308252014	HOLLYHOCK	WA	Field Measurements	12/20/2023 12:29	12/20/2023 14:20	6	NA
F2308252014	HOLLYHOCK	WA	SM 10200 H	12/20/2023 12:29	12/20/2023 14:20	2	NA
F2308252014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	12/20/2023 12:29	12/20/2023 14:20	3	NA
F2308252015	WINDMILL	WA	Calculation	12/20/2023 12:56	12/20/2023 14:20	1	NA
F2308252015	WINDMILL	WA	DISRES	12/20/2023 12:56	12/20/2023 14:20	3	NA
F2308252015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	12/20/2023 12:56	12/20/2023 14:20	1	NA
F2308252015	WINDMILL	WA	EPA 180.1	12/20/2023 12:56	12/20/2023 14:20	1	NA
F2308252015	WINDMILL	WA	EPA 351.2	12/20/2023 12:56	12/20/2023 14:20	1	NA

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F2308252015	WINDMILL	WA	EPA 365.3	12/20/2023 12:56	12/20/2023 14:20	1	NA
F2308252015	WINDMILL	WA	Field Measurements	12/20/2023 12:56	12/20/2023 14:20	6	NA
F2308252015	WINDMILL	WA	SM 10200 H	12/20/2023 12:56	12/20/2023 14:20	2	NA
F2308252015	WINDMILL	WA	SM 4500NO3-F (Low Level)	12/20/2023 12:56	12/20/2023 14:20	3	NA
F2308252016	EQUIPMENT_BLANK	WA	Calculation	12/20/2023 13:20	12/20/2023 14:20	1	NA
F2308252016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 13:20	12/20/2023 14:20	1	NA
F2308252016	EQUIPMENT_BLANK	WA	EPA 180.1	12/20/2023 13:20	12/20/2023 14:20	1	NA
F2308252016	EQUIPMENT_BLANK	WA	EPA 351.2	12/20/2023 13:20	12/20/2023 14:20	1	NA
F2308252016	EQUIPMENT_BLANK	WA	EPA 365.3	12/20/2023 13:20	12/20/2023 14:20	1	NA
F2308252016	EQUIPMENT_BLANK	WA	SM 10200 H	12/20/2023 13:20	12/20/2023 14:20	2	NA
F2308252016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	12/20/2023 13:20	12/20/2023 14:20	3	NA
F2308252017	EAST_RIVER_MARKER_3	WA	Calculation	12/20/2023 08:36	12/20/2023 14:20	1	NA
F2308252017	EAST_RIVER_MARKER_3	WA	DISRES	12/20/2023 08:36	12/20/2023 14:20	3	NA
F2308252017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 08:36	12/20/2023 14:20	1	NA
F2308252017	EAST_RIVER_MARKER_3	WA	EPA 180.1	12/20/2023 08:36	12/20/2023 14:20	1	NA
F2308252017	EAST_RIVER_MARKER_3	WA	EPA 351.2	12/20/2023 08:36	12/20/2023 14:20	1	NA
F2308252017	EAST_RIVER_MARKER_3	WA	EPA 365.3	12/20/2023 08:36	12/20/2023 14:20	1	NA
F2308252017	EAST_RIVER_MARKER_3	WA	Field Measurements	12/20/2023 08:36	12/20/2023 14:20	6	NA
F2308252017	EAST_RIVER_MARKER_3	WA	SM 10200 H	12/20/2023 08:36	12/20/2023 14:20	2	NA
F2308252017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	12/20/2023 08:36	12/20/2023 14:20	3	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	Calculation	12/20/2023 08:14	12/20/2023 14:20	1	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	DISRES	12/20/2023 08:14	12/20/2023 14:20	3	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 08:14	12/20/2023 14:20	1	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	12/20/2023 08:14	12/20/2023 14:20	1	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	12/20/2023 08:14	12/20/2023 14:20	1	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	12/20/2023 08:14	12/20/2023 14:20	1	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	Field Measurements	12/20/2023 08:14	12/20/2023 14:20	6	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	12/20/2023 08:14	12/20/2023 14:20	2	NA
F2308252018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	12/20/2023 08:14	12/20/2023 14:20	3	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	Calculation	12/20/2023 07:43	12/20/2023 14:20	1	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	DISRES	12/20/2023 07:43	12/20/2023 14:20	3	NA

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F2308252019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 07:43	12/20/2023 14:20	1	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	12/20/2023 07:43	12/20/2023 14:20	1	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	12/20/2023 07:43	12/20/2023 14:20	1	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	12/20/2023 07:43	12/20/2023 14:20	1	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	Field Measurements	12/20/2023 07:43	12/20/2023 14:20	6	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	12/20/2023 07:43	12/20/2023 14:20	2	NA
F2308252019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	12/20/2023 07:43	12/20/2023 14:20	3	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	Calculation	12/20/2023 08:00	12/20/2023 14:20	1	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	DISRES	12/20/2023 08:00	12/20/2023 14:20	3	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	12/20/2023 08:00	12/20/2023 14:20	1	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	12/20/2023 08:00	12/20/2023 14:20	1	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	12/20/2023 08:00	12/20/2023 14:20	1	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	12/20/2023 08:00	12/20/2023 14:20	1	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	Field Measurements	12/20/2023 08:00	12/20/2023 14:20	6	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	12/20/2023 08:00	12/20/2023 14:20	2	NA
F2308252020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	12/20/2023 08:00	12/20/2023 14:20	3	NA

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Workorder: Marco SW (F2308252)

Workorder Summary

Batch Comments

WCAg/14350 - TKN,E351.2 Analysis,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample F230895003 for TKN were (81%, 55%). 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.

WCAg/14353 - TKN,E351.2 Analysis,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample F2308301008 for TKN were (61%, 56%). 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.

WCAI/26153 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate+Nitrite for F238252001 and F2308252011 were outside control criteria (MS 335% and MSD 269%) and (MS 176% and MSD 141%) . 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.

Analysis Results Comments

F2308252001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2308252001-20 filtered on 12/21/2023 at 9:00





FINAL

Workorder: Marco SW (F2308252)

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 (F2308252)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252001 Date Collected: 12/20/2023 13:09 Matrix: Water								
Sample ID: BARFIELD_BRIDGE Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 13:09	12/20/2023 13:09	F^
Secchi Disc	1.5	meters			1	12/20/2023 13:09	12/20/2023 13:09	F^
Total Depth	1.5	meters			1	12/20/2023 13:09	12/20/2023 13:09	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48002	umhos/cm			1	12/20/2023 13:09	12/20/2023 13:09	F^
DO Saturation %	82.8	%			1	12/20/2023 13:09	12/20/2023 13:09	F^
Dissolved Oxygen	6.22	mg/L			1	12/20/2023 13:09	12/20/2023 13:09	F^
Salinity	31.33	ppt			1	12/20/2023 13:09	12/20/2023 13:09	F^
Temperature	19.8	°C			1	12/20/2023 13:09	12/20/2023 13:09	F^
pH	8.03	SU			1	12/20/2023 13:09	12/20/2023 13:09	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.4	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.032	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	8.8	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.083	mg/L	0.010	0.0060	1	12/21/2023 11:38	12/21/2023 11:38	T
Nitrate + Nitrite	0.086	mg/L	0.020	0.010	1	12/21/2023 11:38	12/21/2023 11:38	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:38	12/21/2023 11:38	T





FINAL

Workorder: Marco SW (F2308252)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Workorder: Marco SW (F2308252)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252002 Date Collected: 12/20/2023 09:26 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 09:26	12/20/2023 09:26	F^
Secchi Disc	1.3	meters			1	12/20/2023 09:26	12/20/2023 09:26	F^
Total Depth	1.3	meters			1	12/20/2023 09:26	12/20/2023 09:26	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48588	umhos/cm			1	12/20/2023 09:26	12/20/2023 09:26	F^
DO Saturation %	69.2	%			1	12/20/2023 09:26	12/20/2023 09:26	F^
Dissolved Oxygen	6.22	mg/L			1	12/20/2023 09:26	12/20/2023 09:26	F^
Salinity	31.75	ppt			1	12/20/2023 09:26	12/20/2023 09:26	F^
Temperature	18.8	°C			1	12/20/2023 09:26	12/20/2023 09:26	F^
pH	8.05	SU			1	12/20/2023 09:26	12/20/2023 09:26	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.7	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.035	mg/L	0.010	0.0060	1	12/21/2023 11:40	12/21/2023 11:40	T
Nitrate + Nitrite	0.036	mg/L	0.020	0.010	1	12/21/2023 11:40	12/21/2023 11:40	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:40	12/21/2023 11:40	T





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Workorder: Marco SW (F2308252)

Analytical Results

Lab ID: F2308252003 **Date Collected:** 12/20/2023 09:45 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 09:45	12/20/2023 09:45	F^
Secchi Disc	3.2	meters			1	12/20/2023 09:45	12/20/2023 09:45	F^
Total Depth	3.2	meters			1	12/20/2023 09:45	12/20/2023 09:45	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47547	umhos/cm			1	12/20/2023 09:45	12/20/2023 09:45	F^
DO Saturation %	79.2	%			1	12/20/2023 09:45	12/20/2023 09:45	F^
Dissolved Oxygen	6.15	mg/L			1	12/20/2023 09:45	12/20/2023 09:45	F^
Salinity	31.02	ppt			1	12/20/2023 09:45	12/20/2023 09:45	F^
Temperature	19.9	°C			1	12/20/2023 09:45	12/20/2023 09:45	F^
pH	7.97	SU			1	12/20/2023 09:45	12/20/2023 09:45	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.3	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.096	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.083	mg/L	0.010	0.0060	1	12/21/2023 11:41	12/21/2023 11:41	T
Nitrate + Nitrite	0.084	mg/L	0.020	0.010	1	12/21/2023 11:41	12/21/2023 11:41	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:41	12/21/2023 11:41	T





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Workorder: Marco SW (F2308252)

Analytical Results

Lab ID: F2308252004 **Date Collected:** 12/20/2023 10:00 **Matrix:** Water
Sample ID: KENDALL **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 10:00	12/20/2023 10:00	F^
Secchi Disc	1.1	meters			1	12/20/2023 10:00	12/20/2023 10:00	F^
Total Depth	1.1	meters			1	12/20/2023 10:00	12/20/2023 10:00	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47568	umhos/cm			1	12/20/2023 10:00	12/20/2023 10:00	F^
DO Saturation %	77.3	%			1	12/20/2023 10:00	12/20/2023 10:00	F^
Dissolved Oxygen	6.07	mg/L			1	12/20/2023 10:00	12/20/2023 10:00	F^
Salinity	31	ppt			1	12/20/2023 10:00	12/20/2023 10:00	F^
Temperature	20	°C			1	12/20/2023 10:00	12/20/2023 10:00	F^
pH	7.99	SU			1	12/20/2023 10:00	12/20/2023 10:00	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.5	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.048	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.033	mg/L	0.010	0.0060	1	12/21/2023 11:41	12/21/2023 11:41	T
Nitrate + Nitrite	0.035	mg/L	0.020	0.010	1	12/21/2023 11:41	12/21/2023 11:41	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:41	12/21/2023 11:41	T





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Workorder: Marco SW (F2308252)

Analytical Results

Lab ID: F2308252005 **Date Collected:** 12/20/2023 10:10 **Matrix:** Water
Sample ID: COLLIER_BRIDGE **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 10:10	12/20/2023 10:10	F^
Secchi Disc	1.9	meters			1	12/20/2023 10:10	12/20/2023 10:10	F^
Total Depth	1.9	meters			1	12/20/2023 10:10	12/20/2023 10:10	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46606	umhos/cm			1	12/20/2023 10:10	12/20/2023 10:10	F^
DO Saturation %	64.6	%			1	12/20/2023 10:10	12/20/2023 10:10	F^
Dissolved Oxygen	4.77	mg/L			1	12/20/2023 10:10	12/20/2023 10:10	F^
Salinity	30.3	ppt			1	12/20/2023 10:10	12/20/2023 10:10	F^
Temperature	21.8	°C			1	12/20/2023 10:10	12/20/2023 10:10	F^
pH	7.8	SU			1	12/20/2023 10:10	12/20/2023 10:10	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.3	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.061	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.056	mg/L	0.010	0.0060	1	12/21/2023 11:42	12/21/2023 11:42	T
Nitrate + Nitrite	0.058	mg/L	0.020	0.010	1	12/21/2023 11:42	12/21/2023 11:42	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:42	12/21/2023 11:42	T





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Workorder: Marco SW (F2308252)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252006 Date Collected: 12/20/2023 10:24 Matrix: Water								
Sample ID: LANDMARK Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 10:24	12/20/2023 10:24	F^
Secchi Disc	1.7	meters			1	12/20/2023 10:24	12/20/2023 10:24	F^
Total Depth	1.7	meters			1	12/20/2023 10:24	12/20/2023 10:24	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48711	umhos/cm			1	12/20/2023 10:24	12/20/2023 10:24	F^
DO Saturation %	67.3	%			1	12/20/2023 10:24	12/20/2023 10:24	F^
Dissolved Oxygen	5.02	mg/L			1	12/20/2023 10:24	12/20/2023 10:24	F^
Salinity	31.87	ppt			1	12/20/2023 10:24	12/20/2023 10:24	F^
Temperature	20.5	°C			1	12/20/2023 10:24	12/20/2023 10:24	F^
pH	7.97	SU			1	12/20/2023 10:24	12/20/2023 10:24	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.79	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.064	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.068	mg/L	0.010	0.0060	1	12/21/2023 11:43	12/21/2023 11:43	T
Nitrate + Nitrite	0.069	mg/L	0.020	0.010	1	12/21/2023 11:43	12/21/2023 11:43	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:43	12/21/2023 11:43	T





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Workorder: Marco SW (F2308252)

Analytical Results

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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 10:28	12/20/2023 10:28	F^
Secchi Disc	1.7	meters			1	12/20/2023 10:28	12/20/2023 10:28	F^
Total Depth	1.7	meters			1	12/20/2023 10:28	12/20/2023 10:28	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48716	umhos/cm			1	12/20/2023 10:28	12/20/2023 10:28	F^
DO Saturation %	64.3	%			1	12/20/2023 10:28	12/20/2023 10:28	F^
Dissolved Oxygen	4.82	mg/L			1	12/20/2023 10:28	12/20/2023 10:28	F^
Salinity	31.87	ppt			1	12/20/2023 10:28	12/20/2023 10:28	F^
Temperature	20.4	°C			1	12/20/2023 10:28	12/20/2023 10:28	F^
pH	7.97	SU			1	12/20/2023 10:28	12/20/2023 10:28	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.91	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.067	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.085	mg/L	0.010	0.0060	1	12/21/2023 11:44	12/21/2023 11:44	T
Nitrate + Nitrite	0.086	mg/L	0.020	0.010	1	12/21/2023 11:44	12/21/2023 11:44	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:44	12/21/2023 11:44	T





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Analytical Results

Lab ID: F2308252008 **Date Collected:** 12/20/2023 10:41 **Matrix:** Water
Sample ID: HC_CENTER **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 10:41	12/20/2023 10:41	F^
Secchi Disc	0.95	meters			1	12/20/2023 10:41	12/20/2023 10:41	F^
Total Depth	0.95	meters			1	12/20/2023 10:41	12/20/2023 10:41	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47037	umhos/cm			1	12/20/2023 10:41	12/20/2023 10:41	F^
DO Saturation %	77.2	%			1	12/20/2023 10:41	12/20/2023 10:41	F^
Dissolved Oxygen	5.8	mg/L			1	12/20/2023 10:41	12/20/2023 10:41	F^
Salinity	30.65	ppt			1	12/20/2023 10:41	12/20/2023 10:41	F^
Temperature	20	°C			1	12/20/2023 10:41	12/20/2023 10:41	F^
pH	7.96	SU			1	12/20/2023 10:41	12/20/2023 10:41	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.75	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.035	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.026	mg/L	0.010	0.0060	1	12/21/2023 11:44	12/21/2023 11:44	T
Nitrate + Nitrite	0.027	mg/L	0.020	0.010	1	12/21/2023 11:44	12/21/2023 11:44	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:44	12/21/2023 11:44	T





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Analytical Results

Lab ID: F2308252009 **Date Collected:** 12/20/2023 10:56 **Matrix:** Water
Sample ID: SWALLOW **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 10:56	12/20/2023 10:56	F^
Secchi Disc	1.1	meters			1	12/20/2023 10:56	12/20/2023 10:56	F^
Total Depth	1.1	meters			1	12/20/2023 10:56	12/20/2023 10:56	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	46927	umhos/cm			1	12/20/2023 10:56	12/20/2023 10:56	F^
DO Saturation %	48	%			1	12/20/2023 10:56	12/20/2023 10:56	F^
Dissolved Oxygen	3.57	mg/L			1	12/20/2023 10:56	12/20/2023 10:56	F^
Salinity	30.51	ppt			1	12/20/2023 10:56	12/20/2023 10:56	F^
Temperature	21	°C			1	12/20/2023 10:56	12/20/2023 10:56	F^
pH	7.85	SU			1	12/20/2023 10:56	12/20/2023 10:56	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.4	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.075	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.081	mg/L	0.010	0.0060	1	12/21/2023 11:45	12/21/2023 11:45	T
Nitrate + Nitrite	0.083	mg/L	0.020	0.010	1	12/21/2023 11:45	12/21/2023 11:45	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:45	12/21/2023 11:45	T





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Lab ID: F2308252010	Date Collected: 12/20/2023 11:11	Matrix: Water
Sample ID: W_WINTERBERRY_BRID GE	Date Received: 12/20/2023 14:20	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 11:11	12/20/2023 11:11	F^
Secchi Disc	2	meters			1	12/20/2023 11:11	12/20/2023 11:11	F^
Total Depth	2	meters			1	12/20/2023 11:11	12/20/2023 11:11	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48514	umhos/cm			1	12/20/2023 11:11	12/20/2023 11:11	F^
DO Saturation %	69	%			1	12/20/2023 11:11	12/20/2023 11:11	F^
Dissolved Oxygen	5.26	mg/L			1	12/20/2023 11:11	12/20/2023 11:11	F^
Salinity	31.73	ppt			1	12/20/2023 11:11	12/20/2023 11:11	F^
Temperature	19.8	°C			1	12/20/2023 11:11	12/20/2023 11:11	F^
pH	7.97	SU			1	12/20/2023 11:11	12/20/2023 11:11	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.5	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.035	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.059	mg/L	0.010	0.0060	1	12/21/2023 11:46	12/21/2023 11:46	T
Nitrate + Nitrite	0.060	mg/L	0.020	0.010	1	12/21/2023 11:46	12/21/2023 11:46	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:46	12/21/2023 11:46	T





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Workorder: Marco SW (F2308252)

Analytical Results

Lab ID: F2308252011	Date Collected: 12/20/2023 11:30	Matrix: Water
Sample ID: E_WINTERBERRY_BRID GE	Date Received: 12/20/2023 14:20	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 11:30	12/20/2023 11:30	F^
Secchi Disc	2	meters			1	12/20/2023 11:30	12/20/2023 11:30	F^
Total Depth	2	meters			1	12/20/2023 11:30	12/20/2023 11:30	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48300	umhos/cm			1	12/20/2023 11:30	12/20/2023 11:30	F^
DO Saturation %	75.9	%			1	12/20/2023 11:30	12/20/2023 11:30	F^
Dissolved Oxygen	5.77	mg/L			1	12/20/2023 11:30	12/20/2023 11:30	F^
Salinity	31.57	ppt			1	12/20/2023 11:30	12/20/2023 11:30	F^
Temperature	19.9	°C			1	12/20/2023 11:30	12/20/2023 11:30	F^
pH	7.94	SU			1	12/20/2023 11:30	12/20/2023 11:30	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.043	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	7.2	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.039	mg/L	0.010	0.0060	1	12/21/2023 11:53	12/21/2023 11:53	T
Nitrate + Nitrite	0.042	mg/L	0.020	0.010	1	12/21/2023 11:53	12/21/2023 11:53	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:53	12/21/2023 11:53	T





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Workorder: Marco SW (F2308252)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252012 Date Collected: 12/20/2023 12:00 Matrix: Water								
Sample ID: MCILVAINE Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 12:08	12/20/2023 12:08	F^
Secchi Disc	0.8	meters			1	12/20/2023 12:08	12/20/2023 12:08	F^
Total Depth	1.8	meters			1	12/20/2023 12:08	12/20/2023 12:08	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48697	umhos/cm			1	12/20/2023 12:08	12/20/2023 12:08	F^
DO Saturation %	64.5	%			1	12/20/2023 12:08	12/20/2023 12:08	F^
Dissolved Oxygen	4.88	mg/L			1	12/20/2023 12:08	12/20/2023 12:08	F^
Salinity	31.87	ppt			1	12/20/2023 12:08	12/20/2023 12:08	F^
Temperature	19.4	°C			1	12/20/2023 12:08	12/20/2023 12:08	F^
pH	8.04	SU			1	12/20/2023 12:08	12/20/2023 12:08	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	30	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.1	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.030	mg/L	0.010	0.0060	1	12/21/2023 11:56	12/21/2023 11:56	T
Nitrate + Nitrite	0.030	mg/L	0.020	0.010	1	12/21/2023 11:56	12/21/2023 11:56	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:56	12/21/2023 11:56	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252013 Date Collected: 12/20/2023 12:41 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 12:41	12/20/2023 12:41	F^
Secchi Disc	1.4	meters			1	12/20/2023 12:41	12/20/2023 12:41	F^
Total Depth	1.4	meters			1	12/20/2023 12:41	12/20/2023 12:41	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47565	umhos/cm			1	12/20/2023 12:41	12/20/2023 12:41	F^
DO Saturation %	88.2	%			1	12/20/2023 12:41	12/20/2023 12:41	F^
Dissolved Oxygen	6.66	mg/L			1	12/20/2023 12:41	12/20/2023 12:41	F^
Salinity	31.01	ppt			1	12/20/2023 12:41	12/20/2023 12:41	F^
Temperature	20.2	°C			1	12/20/2023 12:41	12/20/2023 12:41	F^
pH	8.06	SU			1	12/20/2023 12:41	12/20/2023 12:41	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.1	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.034	mg/L	0.010	0.0060	1	12/21/2023 11:56	12/21/2023 11:56	T
Nitrate + Nitrite	0.038	mg/L	0.020	0.010	1	12/21/2023 11:56	12/21/2023 11:56	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:56	12/21/2023 11:56	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252014 Date Collected: 12/20/2023 12:29 Matrix: Water								
Sample ID: HOLLYHOCK Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 12:29	12/20/2023 12:29	F^
Secchi Disc	1.3	meters			1	12/20/2023 12:29	12/20/2023 12:29	F^
Total Depth	1.3	meters			1	12/20/2023 12:29	12/20/2023 12:29	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48385	umhos/cm			1	12/20/2023 12:29	12/20/2023 12:29	F^
DO Saturation %	67.7	%			1	12/20/2023 12:29	12/20/2023 12:29	F^
Dissolved Oxygen	5.11	mg/L			1	12/20/2023 12:29	12/20/2023 12:29	F^
Salinity	31.64	ppt			1	12/20/2023 12:29	12/20/2023 12:29	F^
Temperature	19.8	°C			1	12/20/2023 12:29	12/20/2023 12:29	F^
pH	7.99	SU			1	12/20/2023 12:29	12/20/2023 12:29	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.1	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.036	mg/L	0.010	0.0060	1	12/21/2023 11:57	12/21/2023 11:57	T
Nitrate + Nitrite	0.038	mg/L	0.020	0.010	1	12/21/2023 11:57	12/21/2023 11:57	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:57	12/21/2023 11:57	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252015 Date Collected: 12/20/2023 12:56 Matrix: Water								
Sample ID: WINDMILL Date Received: 12/20/2023 14:20								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 12:56	12/20/2023 12:56	F^
Secchi Disc	1.8	meters			1	12/20/2023 12:56	12/20/2023 12:56	F^
Total Depth	2	meters			1	12/20/2023 12:56	12/20/2023 12:56	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	47598	umhos/cm			1	12/20/2023 12:56	12/20/2023 12:56	F^
DO Saturation %	90.1	%			1	12/20/2023 12:56	12/20/2023 12:56	F^
Dissolved Oxygen	6.79	mg/L			1	12/20/2023 12:56	12/20/2023 12:56	F^
Salinity	31.04	ppt			1	12/20/2023 12:56	12/20/2023 12:56	F^
Temperature	19.9	°C			1	12/20/2023 12:56	12/20/2023 12:56	F^
pH	8.06	SU			1	12/20/2023 12:56	12/20/2023 12:56	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	31	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.015	mg/L	0.010	0.0060	1	12/21/2023 11:58	12/21/2023 11:58	T
Nitrate + Nitrite	0.019 I	mg/L	0.020	0.010	1	12/21/2023 11:58	12/21/2023 11:58	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:58	12/21/2023 11:58	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2308252016 Date Collected: 12/20/2023 13:20 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 12/20/2023 14:20								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.20	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	12/21/2023 11:59	12/21/2023 11:59	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	12/21/2023 11:59	12/21/2023 11:59	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 11:59	12/21/2023 11:59	T

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Workorder: Marco SW (F2308252)

Analytical Results

Lab ID: F2308252017 **Date Collected:** 12/20/2023 08:36 **Matrix:** Water
Sample ID: EAST_RIVER_MARKER_3 **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 08:36	12/20/2023 08:36	F^
Secchi Disc	1.5	meters			1	12/20/2023 08:36	12/20/2023 08:36	F^
Total Depth	2	meters			1	12/20/2023 08:36	12/20/2023 08:36	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48941	umhos/cm			1	12/20/2023 08:36	12/20/2023 08:36	F^
DO Saturation %	85.3	%			1	12/20/2023 08:36	12/20/2023 08:36	F^
Dissolved Oxygen	6.58	mg/L			1	12/20/2023 08:36	12/20/2023 08:36	F^
Salinity	32.04	ppt			1	12/20/2023 08:36	12/20/2023 08:36	F^
Temperature	18.9	°C			1	12/20/2023 08:36	12/20/2023 08:36	F^
pH	8.02	SU			1	12/20/2023 08:36	12/20/2023 08:36	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.5	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	12/21/2023 11:59	12/21/2023 11:59	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	12/21/2023 11:59	12/21/2023 11:59	T
Nitrite (as N)	0.010	mg/L	0.010	0.0080	1	12/21/2023 11:59	12/21/2023 11:59	T





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Analytical Results

Lab ID: F2308252018 **Date Collected:** 12/20/2023 08:14 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 12/20/2023 14:20
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 08:14	12/20/2023 08:14	F^
Secchi Disc	1.5	meters			1	12/20/2023 08:14	12/20/2023 08:14	F^
Total Depth	6.7	meters			1	12/20/2023 08:14	12/20/2023 08:14	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48815	umhos/cm			1	12/20/2023 08:14	12/20/2023 08:14	F^
DO Saturation %	83.5	%			1	12/20/2023 08:14	12/20/2023 08:14	F^
Dissolved Oxygen	6.38	mg/L			1	12/20/2023 08:14	12/20/2023 08:14	F^
Salinity	31.95	ppt			1	12/20/2023 08:14	12/20/2023 08:14	F^
Temperature	19	°C			1	12/20/2023 08:14	12/20/2023 08:14	F^
pH	8.02	SU			1	12/20/2023 08:14	12/20/2023 08:14	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.3	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014 I	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	12/21/2023 12:00	12/21/2023 12:00	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	12/21/2023 12:00	12/21/2023 12:00	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 12:00	12/21/2023 12:00	T





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Analytical Results

Lab ID: F2308252019 **Date Collected:** 12/20/2023 07:43 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_2 **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 07:43	12/20/2023 07:43	F^
Secchi Disc	2.4	meters			1	12/20/2023 07:43	12/20/2023 07:43	F^
Total Depth	5.2	meters			1	12/20/2023 07:43	12/20/2023 07:43	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48867	umhos/cm			1	12/20/2023 07:43	12/20/2023 07:43	F^
DO Saturation %	95.2	%			1	12/20/2023 07:43	12/20/2023 07:43	F^
Dissolved Oxygen	7.29	mg/L			1	12/20/2023 07:43	12/20/2023 07:43	F^
Salinity	31.98	ppt			1	12/20/2023 07:43	12/20/2023 07:43	F^
Temperature	19.5	°C			1	12/20/2023 07:43	12/20/2023 07:43	F^
pH	7.37	SU			1	12/20/2023 07:43	12/20/2023 07:43	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	8.8	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.061	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.010	mg/L	0.010	0.0060	1	12/21/2023 12:01	12/21/2023 12:01	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	12/21/2023 12:01	12/21/2023 12:01	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 12:01	12/21/2023 12:01	T





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Analytical Results

Lab ID: F2308252020 **Date Collected:** 12/20/2023 08:00 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_4 **Date Received:** 12/20/2023 14:20

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	12/20/2023 08:00	12/20/2023 08:00	F^
Secchi Disc	3	meters			1	12/20/2023 08:00	12/20/2023 08:00	F^
Total Depth	1.3	meters			1	12/20/2023 08:00	12/20/2023 08:00	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	48992	umhos/cm			1	12/20/2023 08:00	12/20/2023 08:00	F^
DO Saturation %	91.4	%			1	12/20/2023 08:00	12/20/2023 08:00	F^
Dissolved Oxygen	6.98	mg/L			1	12/20/2023 08:00	12/20/2023 08:00	F^
Salinity	32.08	ppt			1	12/20/2023 08:00	12/20/2023 08:00	F^
Temperature	19.2	°C			1	12/20/2023 08:00	12/20/2023 08:00	F^
pH	8.03	SU			1	12/20/2023 08:00	12/20/2023 08:00	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	12/20/2023 14:51	12/20/2023 14:51	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/10/2024 08:02	01/10/2024 08:02	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	01/02/2024 10:43	01/03/2024 11:11	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.5	NTU	0.10	0.10	1	12/20/2023 17:00	12/20/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.067	mg/L	0.020	0.0063	1	01/02/2024 11:25	01/03/2024 13:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	12/28/2023 09:10	12/28/2023 09:10	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.010	mg/L	0.010	0.0060	1	12/21/2023 12:02	12/21/2023 12:02	T
Nitrate + Nitrite	0.010 I	mg/L	0.020	0.010	1	12/21/2023 12:02	12/21/2023 12:02	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	12/21/2023 12:02	12/21/2023 12:02	T





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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 SW (F2308252)

Analytical Results

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 Fax: (239) 674-8128

FINAL

Workorder: Marco SW (F2308252)

QC Results

QC Batch: WCAg/14350 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2308252001, F2308252002, F2308252003, F2308252004, F2308252005, F2308252006, F2308252007, F2308252008, F2308252009, F2308252010, F2308252011, F2308252012, F2308252013, F2308252014, F2308252015, F2308252016

Method Blank(5108103)

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





FINAL

Workorder: Marco SW (F2308252)

QC Results

QC Batch: WCA/26153 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2308252001, F2308252002, F2308252003, F2308252004, F2308252005, F2308252006, F2308252007, F2308252008, F2308252009, F2308252010, F2308252011, F2308252012, F2308252013, F2308252014, F2308252015, F2308252016, F2308252017, F2308252018, F2308252019, F2308252020

Method Blank(5098548)

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 SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CLCf/1038 - Calculation			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252016	EQUIPMENT_BLANK		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		





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Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1127 - Field Measurements			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		





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Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1128 - DISRES			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		





FINAL

Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/3283 - ENTEROLERT/ QUANTI-TRAY			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252016	EQUIPMENT_BLANK		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		





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Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/4374 - EPA 180.1			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252016	EQUIPMENT_BLANK		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		





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Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/14279 - SM 10200 H			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252016	EQUIPMENT_BLANK		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		





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Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/14326 - EPA 365.3			
F2308252001	BARFIELD_BRIDGE	WCAg/14325	EPA 365.3
F2308252002	OLDE_MARCO	WCAg/14325	EPA 365.3
F2308252003	JH_PARK	WCAg/14325	EPA 365.3
F2308252004	KENDALL	WCAg/14325	EPA 365.3
F2308252005	COLLIER_BRIDGE	WCAg/14325	EPA 365.3
F2308252006	LANDMARK	WCAg/14325	EPA 365.3
F2308252007	LANDMARK_DUP	WCAg/14325	EPA 365.3
F2308252008	HC_CENTER	WCAg/14325	EPA 365.3
F2308252009	SWALLOW	WCAg/14325	EPA 365.3
F2308252010	W_WINTERBERRY_BRIDGE	WCAg/14325	EPA 365.3
F2308252011	E_WINTERBERRY_BRIDGE	WCAg/14325	EPA 365.3
F2308252012	MCILVAINE	WCAg/14325	EPA 365.3
F2308252013	HUMMINGBIRD	WCAg/14325	EPA 365.3
F2308252014	HOLLYHOCK	WCAg/14325	EPA 365.3
F2308252015	WINDMILL	WCAg/14325	EPA 365.3
F2308252016	EQUIPMENT_BLANK	WCAg/14325	EPA 365.3
F2308252017	EAST_RIVER_MARKER_3	WCAg/14325	EPA 365.3
F2308252018	MID_CHANNEL_MARKER_12	WCAg/14325	EPA 365.3
F2308252019	CAPRI_PASS_MARKER_2	WCAg/14325	EPA 365.3
F2308252020	CAPRI_PASS_MARKER_4	WCAg/14325	EPA 365.3





FINAL

Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/14350 - EPA 351.2			
F2308252001	BARFIELD_BRIDGE	WCAg/14331	Copper Sulfate Digestion
F2308252002	OLDE_MARCO	WCAg/14331	Copper Sulfate Digestion
F2308252003	JH_PARK	WCAg/14331	Copper Sulfate Digestion
F2308252004	KENDALL	WCAg/14331	Copper Sulfate Digestion
F2308252005	COLLIER_BRIDGE	WCAg/14331	Copper Sulfate Digestion
F2308252006	LANDMARK	WCAg/14331	Copper Sulfate Digestion
F2308252007	LANDMARK_DUP	WCAg/14331	Copper Sulfate Digestion
F2308252008	HC_CENTER	WCAg/14331	Copper Sulfate Digestion
F2308252009	SWALLOW	WCAg/14331	Copper Sulfate Digestion
F2308252010	W_WINTERBERRY_BRIDGE	WCAg/14331	Copper Sulfate Digestion
F2308252011	E_WINTERBERRY_BRIDGE	WCAg/14331	Copper Sulfate Digestion
F2308252012	MCILVAINE	WCAg/14331	Copper Sulfate Digestion
F2308252013	HUMMINGBIRD	WCAg/14331	Copper Sulfate Digestion
F2308252014	HOLLYHOCK	WCAg/14331	Copper Sulfate Digestion
F2308252015	WINDMILL	WCAg/14331	Copper Sulfate Digestion
F2308252016	EQUIPMENT_BLANK	WCAg/14331	Copper Sulfate Digestion
WCAg/14353 - EPA 351.2			
F2308252017	EAST_RIVER_MARKER_3	WCAg/14332	Copper Sulfate Digestion
F2308252018	MID_CHANNEL_MARKER_12	WCAg/14332	Copper Sulfate Digestion
F2308252019	CAPRI_PASS_MARKER_2	WCAg/14332	Copper Sulfate Digestion
F2308252020	CAPRI_PASS_MARKER_4	WCAg/14332	Copper Sulfate Digestion





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Workorder: Marco SW (F2308252)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCA1/26153 - SM 4500NO3-F (Low Level)			
F2308252001	BARFIELD_BRIDGE		
F2308252002	OLDE_MARCO		
F2308252003	JH_PARK		
F2308252004	KENDALL		
F2308252005	COLLIER_BRIDGE		
F2308252006	LANDMARK		
F2308252007	LANDMARK_DUP		
F2308252008	HC_CENTER		
F2308252009	SWALLOW		
F2308252010	W_WINTERBERRY_BRIDGE		
F2308252011	E_WINTERBERRY_BRIDGE		
F2308252012	MCILVAINE		
F2308252013	HUMMINGBIRD		
F2308252014	HOLLYHOCK		
F2308252015	WINDMILL		
F2308252016	EQUIPMENT_BLANK		
F2308252017	EAST_RIVER_MARKER_3		
F2308252018	MID_CHANNEL_MARKER_12		
F2308252019	CAPRI_PASS_MARKER_2		
F2308252020	CAPRI_PASS_MARKER_4		

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Fort Myers: 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
Miramar:
Tampa: 98



* F 2 3 0 8 2 5 2 *

Client Name: City of Marco Island
Address: 50 Bald Eagle Dr.
Phone: 239-300-1462
FAX: FDEP Facility No:
Contact: Jason Tomasesetti
Sampled By: P. Manard
Turn Around Time: Standard X Rush
AEL Profile #: 65884

Project Name: MARCO
Project Number:
PO Number:
FDEP Facility No:
FDEP Facility Addr:
Special Instructions:

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

Relinquished by: [Signature] Date: 12/29/19 Time: 14:00
Received by: [Signature] Date: 12/29/19 Time: 14:00

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
Temp. when received (observed) 4.0 °C Temp. when received (corrected) 4.0 °C

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	EQUIS		Other	WIN	ANALYSIS REQUIRED				BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME			MATRIX	NO. COUNT	NO2/NO3	TKN/TP/TN		
	BARFIELD_BRIDGE	Grab	12/29/19	13:09	SW	4	X	X	X	X	125 mL Plastic	001
	OLDE_MARCO	Grab	9:26		SW	4	X	X	X	X	250 mL Plastic	002
	JH_PARK	Grab	9:45		SW	4	X	X	X	X	1L Amb Plastic	003
	KENDALL	Grab	10:00		SW	4	X	X	X	X	100 mL Cup	004
	COLLIER_BRIDGE	Grab	10:10		SW	4	X	X	X	X		005
	LANDMARK	Grab	10:24		SW	4	X	X	X	X		006
	LANDMARK_DUP	Grab	10:28		SW	4	X	X	X	X		007
	HC_CENTER	Grab	10:41		SW	4	X	X	X	X		008
	SWALLOW	Grab	10:56		SW	4	X	X	X	X		009
	W_WINTERBERRY_BRIDGE	Grab	11:11		SW	4	X	X	X	X		010

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



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 Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.963.9350 • Lab ID: E82574
 Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

F 2308252 Page 2 of 2
 Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
 Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
 Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9516 • Lab ID: E84589

Client Name: City of Marco Island
 Address: 50 Bald Eagle Dr.
 Project Name: MARCO
 Project Number: PO Number:
 Phone: 239-300-1462
 FDEP Facility No.:
 FDEP Facility Addr.:
 FAX: Jason Tomasesetti
 Contact: Jason Tomasesetti
 Sampled By: P. Manard
 Special Instructions:
 Turn Around Time: Standard Rush
 AEL Profile #: 65884
 ADAPT EQUIS Other WIN

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED				LABORATORY I.D. NUMBER
			DATE	TIME			NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci	
E_WINTERBERRY_BRIDGE	Grab	12/20/18	11:30	SW	4	X	X	X	X		011
MCILVAINE	Grab	12:00	12:00	SW	4	X	X	X	X		012
HUMMINGBIRD	Grab	12:41	12:41	SW	4	X	X	X	X		013
HOLLYHOCK	Grab	12:29	12:29	SW	4	X	X	X	X		014
WINDMILL	Grab	12:56	12:56	SW	4	X	X	X	X		015
EQUIPMENT_BLANK	Grab	13:20	13:20	SW	4	X	X	X	X		016
EAST RIVER-MARKER 3	Grab	8:36	8:36	SW	4	X	X	X	X		017
MID CHANNEL-MARKER 12	Grab	8:14	8:14	SW	4	X	X	X	X		018
CAPRI PASS-MARKER 2	Grab	7:48	7:48	SW	4	X	X	X	X		019
CAPRI PASS-MARKER 4	Grab	6:00	6:00	SW	4	X	X	X	X		020

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
 Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)
 Received on ice Yes No Temp taken from sample Temp from blank Where required, pH checked
 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A
 DCN: AD-D051web Form last revised 08/07/2019

Relinquished by: [Signature] Date: 12/20/18 Time: 14:20
 Received by: [Signature] Date: 12/20/18 Time: 14:20

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
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Water Sample Parameters

SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL
SAMPLE TIME	13:09	13:12	9:26	9:28	9:45	9:45	10:00	10:02
SAMPLE DEPTH	0.30m top	2.0m	0.30m top	1.0m	0.30m top	2.5m	0.30m top	0.75m
TOTAL DEPTH	1.5m	1.5m	1.3m	1.3m	3.2m	3.2m	1.1m	1.1m
TEMP /C	19.80	19.80	18.80	18.80	19.90	19.90	20.0	19.90
D.O. mg / L	6.22	5.44	5.31	5.79	6.15	5.88	6.07	5.90
D.O. % sat.	82.80	71.80	69.20	75.70	79.20	77.50	77.30	78.90
CONDUCTIVITY(umhos)	48002	48162	48588	48629	47547	47644	47568	47601
SALINITY ppt.	31.33	31.47	31.75	31.81	31.02	31.10	31.00	31.06
pH su.	8.03	8.01	8.05	8.02	7.97	7.93	7.99	7.98
SECCHI DEPTH	1.5m	1.5m	1.3m	1.3m	3.2m	3.2m	1.1m	1.1m

FIELD COMMENTS:				
WEATHER :	74 DEG F	62 DEG F	62 DEG F	62 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				12/20/23

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	10:10	10:12	10:24	10:26	10:28	10:30	10:41	10:43
SAMPLE DEPTH	0.30m top	1.0m	0.30m top	1.0m	0.30m top	1.0m	0.30m top	0.5m
TOTAL DEPTH	1.9m	1.9m	1.7m	1.7m	1.7m	1.7m	0.95m	0.95m
TEMP /C	21.80	20.30	20.50	20.30	20.40	20.30	20.00	20.00
D.O. mg / L	4.77	5.11	5.02	4.88	4.82	4.77	5.80	5.27
D.O. % sat.	64.60	68.60	67.30	65.00	64.30	63.90	77.20	69.30
CONDUCTIVITY(umhos)	46606	47566	48711	48727	48716	48730	47037	47029
SALINITY ppt.	30.30	31.02	31.87	31.88	31.87	31.88	30.65	30.64
pH su.	7.80	7.92	7.97	7.95	7.97	7.97	7.96	7.94
SECCHI DEPTH	1.9m	1.9m	1.7m	1.7m	1.7m	1.7m	0.95m	0.95m

FIELD COMMENTS:								
WEATHER :	68 DEG F		68 DEG F		68 DEG F		68 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
			12/20/23

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	10:56	10:58	11:11	11:14	11:30	11:32	12:08	12:10
SAMPLE DEPTH	0.30m top	0.75m	0.30m top	1.0m	0.30m top	1.0m	0.30m top	1.0m
TOTAL DEPTH	1.1m	1.1m	2.0m	2.0m0	2.0m	2.0m	1.8m	1.8m
TEMP /C	21.00	20.50	19.80	19.80	19.90	19.80	19.40	19.20
D.O. mg / L	3.57	4.62	5.26	4.68	5.77	5.96	4.88	5.99
D.O. % sat.	48.00	63.30	69.00	61.60	75.90	78.90	64.50	77.60
CONDUCTIVITY(umhos)	46927	48505	48514	48568	48300	48414	48697	48750
SALINITY ppt.	30.51	31.72	31.73	31.77	31.57	31.65	31.87	31.90
pH su.	7.85	7.98	7.97	7.97	7.94	7.92	8.04	8.05
SECCHI DEPTH	1.1m	1.1m	2.0m	2.0m	2.0m	2.0m	0.8m	0.8m

FIELD COMMENTS:								
WEATHER :	68 DEG F		70 DEG F		71 DEG F		71 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				12/20/23

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	12:41	12:43	12:29	12:31	12:56	12:58	13:14
SAMPLE DEPTH	0.30m top	1.0m	0.30m top	1.0m	0.30m top	1.0m	NA
TOTAL DEPTH	1.4m	1.4m	1.3m	1.3m	2.0m	2.0m	NA
TEMP /C	20.20	20.10	19.80	19.60	19.90	19.90	NA
D.O. mg / L	6.66	6.89	5.11	5.91	6.79	6.34	NA
D.O. % sat.	88.20	90.80	67.70	77.00	90.10	82.90	NA
CONDUCTIVITY(umhos)	47565	47555	48385	48473	47598	47705	NA
SALINITY ppt.	31.01	31.02	31.64	31.69	31.04	31.14	NA
pH su.	8.06	8.06	7.99	8.06	8.06	8.02	NA
SECCHI DEPTH	1.4m	1.4m	1.3m	1.3m	1.8m	1.8m	NA

FIELD COMMENTS:							NA
WEATHER :	72 DEG F		72 DEG F		72 DEG F		72 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			

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	8:36	8:38	8:14	8:16	7:43	7:45	8:00	8:02
SAMPLE DEPTH	0.30m top	1.5m	0.30m top	5.0m	0.30m top	3.0m	0.30m top	2.0m
TOTAL DEPTH	2.0m	2.0m	6.7m	6.7m	5.2m	5.2m	3.0m	3.0m
TEMP /C	18.90	18.90	19.00	19.10	19.50	19.50	19.20	19.20
D.O. mg / L	6.58	6.76	6.38	6.62	7.29	7.29	6.98	7.04
D.O. % sat.	85.30	87.90	83.50	86.60	95.20	94.80	91.40	92.60
CONDUCTIVITY(umhos)	48941	48938	48815	48888	48867	48900	48992	48990
SALINITY ppt.	32.04	32.02	31.95	31.99	31.98	32.01	32.08	32.07
pH su.	8.02	8.05	8.02	8.05	7.37	7.90	8.03	8.05
SECCHI DEPTH	1.5m	1.5m	1.5m	1.5m	2.4m	2.4m	1.3m	1.3m

FIELD COMMENTS:

NA

WEATHER :

58 DEG F

58 DEG F

58 DEG F

58 DEG F

FIELD EQUIP. USED: ID # :

VAN DORN / F3X

VAN DORN / F3X

VAN DORN / F3X

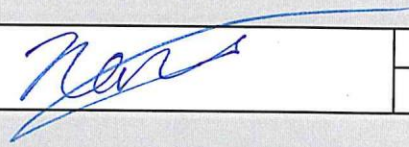
VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /

NS / AEL

Sampler's
Signature



Date

AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES

12/20/23