



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: MARCO (F2302613)

May 16, 2023

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

RE: Workorder: F2302613 MARCO

Dear Justin Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday April 26, 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 (F2302613)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302613001	BARFIELD_BRIDGE	WA	Calculation	04/26/2023 07:23	04/26/2023 14:26	1	NA
F2302613001	BARFIELD_BRIDGE	WA	DISRES	04/26/2023 07:23	04/26/2023 14:26	3	NA
F2302613001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 07:23	04/26/2023 14:26	1	NA
F2302613001	BARFIELD_BRIDGE	WA	EPA 180.1	04/26/2023 07:23	04/26/2023 14:26	1	NA
F2302613001	BARFIELD_BRIDGE	WA	EPA 351.2	04/26/2023 07:23	04/26/2023 14:26	1	NA
F2302613001	BARFIELD_BRIDGE	WA	EPA 365.3	04/26/2023 07:23	04/26/2023 14:26	1	NA
F2302613001	BARFIELD_BRIDGE	WA	Field Measurements	04/26/2023 07:23	04/26/2023 14:26	6	NA
F2302613001	BARFIELD_BRIDGE	WA	SM 10200 H	04/26/2023 07:23	04/26/2023 14:26	2	NA
F2302613001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	04/26/2023 07:23	04/26/2023 14:26	3	NA
F2302613002	OLDE_MARCO	WA	Calculation	04/26/2023 09:12	04/26/2023 14:26	1	NA
F2302613002	OLDE_MARCO	WA	DISRES	04/26/2023 09:12	04/26/2023 14:26	3	NA
F2302613002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 09:12	04/26/2023 14:26	1	NA
F2302613002	OLDE_MARCO	WA	EPA 180.1	04/26/2023 09:12	04/26/2023 14:26	1	NA
F2302613002	OLDE_MARCO	WA	EPA 351.2	04/26/2023 09:12	04/26/2023 14:26	1	NA
F2302613002	OLDE_MARCO	WA	EPA 365.3	04/26/2023 09:12	04/26/2023 14:26	1	NA
F2302613002	OLDE_MARCO	WA	Field Measurements	04/26/2023 09:12	04/26/2023 14:26	6	NA
F2302613002	OLDE_MARCO	WA	SM 10200 H	04/26/2023 09:12	04/26/2023 14:26	2	NA
F2302613002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	04/26/2023 09:12	04/26/2023 14:26	3	NA
F2302613003	JH_PARK	WA	Calculation	04/26/2023 09:26	04/26/2023 14:26	1	NA
F2302613003	JH_PARK	WA	DISRES	04/26/2023 09:26	04/26/2023 14:26	3	NA
F2302613003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 09:26	04/26/2023 14:26	1	NA
F2302613003	JH_PARK	WA	EPA 180.1	04/26/2023 09:26	04/26/2023 14:26	1	NA
F2302613003	JH_PARK	WA	EPA 351.2	04/26/2023 09:26	04/26/2023 14:26	1	NA
F2302613003	JH_PARK	WA	EPA 365.3	04/26/2023 09:26	04/26/2023 14:26	1	NA
F2302613003	JH_PARK	WA	Field Measurements	04/26/2023 09:26	04/26/2023 14:26	6	NA
F2302613003	JH_PARK	WA	SM 10200 H	04/26/2023 09:26	04/26/2023 14:26	2	NA
F2302613003	JH_PARK	WA	SM 4500NO3-F (Low Level)	04/26/2023 09:26	04/26/2023 14:26	3	NA
F2302613004	KENDALL	WA	Calculation	04/26/2023 09:39	04/26/2023 14:26	1	NA
F2302613004	KENDALL	WA	DISRES	04/26/2023 09:39	04/26/2023 14:26	3	NA
F2302613004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 09:39	04/26/2023 14:26	1	NA
F2302613004	KENDALL	WA	EPA 180.1	04/26/2023 09:39	04/26/2023 14:26	1	NA
F2302613004	KENDALL	WA	EPA 351.2	04/26/2023 09:39	04/26/2023 14:26	1	NA
F2302613004	KENDALL	WA	EPA 365.3	04/26/2023 09:39	04/26/2023 14:26	1	NA
F2302613004	KENDALL	WA	Field Measurements	04/26/2023 09:39	04/26/2023 14:26	6	NA

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Workorder: MARCO (F2302613)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302613004	KENDALL	WA	SM 10200 H	04/26/2023 09:39	04/26/2023 14:26	2	NA
F2302613004	KENDALL	WA	SM 4500NO3-F (Low Level)	04/26/2023 09:39	04/26/2023 14:26	3	NA
F2302613005	COLLIER_BRIDGE	WA	Calculation	04/26/2023 09:50	04/26/2023 14:26	1	NA
F2302613005	COLLIER_BRIDGE	WA	DISRES	04/26/2023 09:50	04/26/2023 14:26	3	NA
F2302613005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 09:50	04/26/2023 14:26	1	NA
F2302613005	COLLIER_BRIDGE	WA	EPA 180.1	04/26/2023 09:50	04/26/2023 14:26	1	NA
F2302613005	COLLIER_BRIDGE	WA	EPA 351.2	04/26/2023 09:50	04/26/2023 14:26	1	NA
F2302613005	COLLIER_BRIDGE	WA	EPA 365.3	04/26/2023 09:50	04/26/2023 14:26	1	NA
F2302613005	COLLIER_BRIDGE	WA	Field Measurements	04/26/2023 09:50	04/26/2023 14:26	6	NA
F2302613005	COLLIER_BRIDGE	WA	SM 10200 H	04/26/2023 09:50	04/26/2023 14:26	2	NA
F2302613005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	04/26/2023 09:50	04/26/2023 14:26	3	NA
F2302613006	LANDMARK	WA	Calculation	04/26/2023 10:01	04/26/2023 14:26	1	NA
F2302613006	LANDMARK	WA	DISRES	04/26/2023 10:01	04/26/2023 14:26	3	NA
F2302613006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 10:01	04/26/2023 14:26	1	NA
F2302613006	LANDMARK	WA	EPA 180.1	04/26/2023 10:01	04/26/2023 14:26	1	NA
F2302613006	LANDMARK	WA	EPA 351.2	04/26/2023 10:01	04/26/2023 14:26	1	NA
F2302613006	LANDMARK	WA	EPA 365.3	04/26/2023 10:01	04/26/2023 14:26	1	NA
F2302613006	LANDMARK	WA	Field Measurements	04/26/2023 10:01	04/26/2023 14:26	6	NA
F2302613006	LANDMARK	WA	SM 10200 H	04/26/2023 10:01	04/26/2023 14:26	2	NA
F2302613006	LANDMARK	WA	SM 4500NO3-F (Low Level)	04/26/2023 10:01	04/26/2023 14:26	3	NA
F2302613007	LANDMARK_DUP	WA	Calculation	04/26/2023 10:07	04/26/2023 14:26	1	NA
F2302613007	LANDMARK_DUP	WA	DISRES	04/26/2023 10:07	04/26/2023 14:26	3	NA
F2302613007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 10:07	04/26/2023 14:26	1	NA
F2302613007	LANDMARK_DUP	WA	EPA 180.1	04/26/2023 10:07	04/26/2023 14:26	1	NA
F2302613007	LANDMARK_DUP	WA	EPA 351.2	04/26/2023 10:07	04/26/2023 14:26	1	NA
F2302613007	LANDMARK_DUP	WA	EPA 365.3	04/26/2023 10:07	04/26/2023 14:26	1	NA
F2302613007	LANDMARK_DUP	WA	Field Measurements	04/26/2023 10:07	04/26/2023 14:26	6	NA
F2302613007	LANDMARK_DUP	WA	SM 10200 H	04/26/2023 10:07	04/26/2023 14:26	2	NA
F2302613007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	04/26/2023 10:07	04/26/2023 14:26	3	NA
F2302613008	HC_CENTER	WA	Calculation	04/26/2023 10:17	04/26/2023 14:26	1	NA
F2302613008	HC_CENTER	WA	DISRES	04/26/2023 10:17	04/26/2023 14:26	3	NA
F2302613008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 10:17	04/26/2023 14:26	1	NA
F2302613008	HC_CENTER	WA	EPA 180.1	04/26/2023 10:17	04/26/2023 14:26	1	NA
F2302613008	HC_CENTER	WA	EPA 351.2	04/26/2023 10:17	04/26/2023 14:26	1	NA

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Workorder: MARCO (F2302613)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302613008	HC_CENTER	WA	EPA 365.3	04/26/2023 10:17	04/26/2023 14:26	1	NA
F2302613008	HC_CENTER	WA	Field Measurements	04/26/2023 10:17	04/26/2023 14:26	6	NA
F2302613008	HC_CENTER	WA	SM 10200 H	04/26/2023 10:17	04/26/2023 14:26	2	NA
F2302613008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	04/26/2023 10:17	04/26/2023 14:26	3	NA
F2302613009	SWALLOW	WA	Calculation	04/26/2023 10:30	04/26/2023 14:26	1	NA
F2302613009	SWALLOW	WA	DISRES	04/26/2023 10:30	04/26/2023 14:26	3	NA
F2302613009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 10:30	04/26/2023 14:26	1	NA
F2302613009	SWALLOW	WA	EPA 180.1	04/26/2023 10:30	04/26/2023 14:26	1	NA
F2302613009	SWALLOW	WA	EPA 351.2	04/26/2023 10:30	04/26/2023 14:26	1	NA
F2302613009	SWALLOW	WA	EPA 365.3	04/26/2023 10:30	04/26/2023 14:26	1	NA
F2302613009	SWALLOW	WA	Field Measurements	04/26/2023 10:30	04/26/2023 14:26	6	NA
F2302613009	SWALLOW	WA	SM 10200 H	04/26/2023 10:30	04/26/2023 14:26	2	NA
F2302613009	SWALLOW	WA	SM 4500NO3-F (Low Level)	04/26/2023 10:30	04/26/2023 14:26	3	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	Calculation	04/26/2023 10:41	04/26/2023 14:26	1	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	DISRES	04/26/2023 10:41	04/26/2023 14:26	3	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 10:41	04/26/2023 14:26	1	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	04/26/2023 10:41	04/26/2023 14:26	1	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	04/26/2023 10:41	04/26/2023 14:26	1	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	04/26/2023 10:41	04/26/2023 14:26	1	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	04/26/2023 10:41	04/26/2023 14:26	6	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	04/26/2023 10:41	04/26/2023 14:26	2	NA
F2302613010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	04/26/2023 10:41	04/26/2023 14:26	3	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	Calculation	04/26/2023 10:52	04/26/2023 14:26	1	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	DISRES	04/26/2023 10:52	04/26/2023 14:26	3	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 10:52	04/26/2023 14:26	1	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	04/26/2023 10:52	04/26/2023 14:26	1	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	04/26/2023 10:52	04/26/2023 14:26	1	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	04/26/2023 10:52	04/26/2023 14:26	1	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	04/26/2023 10:52	04/26/2023 14:26	6	NA
F2302613011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	04/26/2023 10:52	04/26/2023 14:26	2	NA

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Workorder: MARCO (F2302613)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302613011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	04/26/2023 10:52	04/26/2023 14:26	3	NA
F2302613012	MCILVAINE	WA	Calculation	04/26/2023 11:02	04/26/2023 14:26	1	NA
F2302613012	MCILVAINE	WA	DISRES	04/26/2023 11:02	04/26/2023 14:26	3	NA
F2302613012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	04/26/2023 11:02	04/26/2023 14:26	1	NA
F2302613012	MCILVAINE	WA	EPA 180.1	04/26/2023 11:02	04/26/2023 14:26	1	NA
F2302613012	MCILVAINE	WA	EPA 351.2	04/26/2023 11:02	04/26/2023 14:26	1	NA
F2302613012	MCILVAINE	WA	EPA 365.3	04/26/2023 11:02	04/26/2023 14:26	1	NA
F2302613012	MCILVAINE	WA	Field Measurements	04/26/2023 11:02	04/26/2023 14:26	6	NA
F2302613012	MCILVAINE	WA	SM 10200 H	04/26/2023 11:02	04/26/2023 14:26	2	NA
F2302613012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	04/26/2023 11:02	04/26/2023 14:26	3	NA
F2302613013	HUMMINGBIRD	WA	Calculation	04/26/2023 11:15	04/26/2023 14:26	1	NA
F2302613013	HUMMINGBIRD	WA	DISRES	04/26/2023 11:15	04/26/2023 14:26	3	NA
F2302613013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	04/26/2023 11:15	04/26/2023 14:26	1	NA
F2302613013	HUMMINGBIRD	WA	EPA 180.1	04/26/2023 11:15	04/26/2023 14:26	1	NA
F2302613013	HUMMINGBIRD	WA	EPA 351.2	04/26/2023 11:15	04/26/2023 14:26	1	NA
F2302613013	HUMMINGBIRD	WA	EPA 365.3	04/26/2023 11:15	04/26/2023 14:26	1	NA
F2302613013	HUMMINGBIRD	WA	Field Measurements	04/26/2023 11:15	04/26/2023 14:26	6	NA
F2302613013	HUMMINGBIRD	WA	SM 10200 H	04/26/2023 11:15	04/26/2023 14:26	2	NA
F2302613013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	04/26/2023 11:15	04/26/2023 14:26	3	NA
F2302613014	HOLLYHOCK	WA	Calculation	04/26/2023 11:25	04/26/2023 14:26	1	NA
F2302613014	HOLLYHOCK	WA	DISRES	04/26/2023 11:25	04/26/2023 14:26	3	NA
F2302613014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	04/26/2023 11:25	04/26/2023 14:26	1	NA
F2302613014	HOLLYHOCK	WA	EPA 180.1	04/26/2023 11:25	04/26/2023 14:26	1	NA
F2302613014	HOLLYHOCK	WA	EPA 351.2	04/26/2023 11:25	04/26/2023 14:26	1	NA
F2302613014	HOLLYHOCK	WA	EPA 365.3	04/26/2023 11:25	04/26/2023 14:26	1	NA
F2302613014	HOLLYHOCK	WA	Field Measurements	04/26/2023 11:25	04/26/2023 14:26	6	NA
F2302613014	HOLLYHOCK	WA	SM 10200 H	04/26/2023 11:25	04/26/2023 14:26	2	NA
F2302613014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	04/26/2023 11:25	04/26/2023 14:26	3	NA
F2302613015	WINDMILL	WA	Calculation	04/26/2023 11:34	04/26/2023 14:26	1	NA
F2302613015	WINDMILL	WA	DISRES	04/26/2023 11:34	04/26/2023 14:26	3	NA
F2302613015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	04/26/2023 11:34	04/26/2023 14:26	1	NA
F2302613015	WINDMILL	WA	EPA 180.1	04/26/2023 11:34	04/26/2023 14:26	1	NA
F2302613015	WINDMILL	WA	EPA 351.2	04/26/2023 11:34	04/26/2023 14:26	1	NA

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Workorder: MARCO (F2302613)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302613015	WINDMILL	WA	EPA 365.3	04/26/2023 11:34	04/26/2023 14:26	1	NA
F2302613015	WINDMILL	WA	Field Measurements	04/26/2023 11:34	04/26/2023 14:26	6	NA
F2302613015	WINDMILL	WA	SM 10200 H	04/26/2023 11:34	04/26/2023 14:26	2	NA
F2302613015	WINDMILL	WA	SM 4500NO3-F (Low Level)	04/26/2023 11:34	04/26/2023 14:26	3	NA
F2302613016	EQUIPMENT_BLANK	WA	Calculation	04/26/2023 11:46	04/26/2023 14:26	1	NA
F2302613016	EQUIPMENT_BLANK	WA	DISRES	04/26/2023 11:46	04/26/2023 14:26	3	NA
F2302613016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 11:46	04/26/2023 14:26	1	NA
F2302613016	EQUIPMENT_BLANK	WA	EPA 180.1	04/26/2023 11:46	04/26/2023 14:26	1	NA
F2302613016	EQUIPMENT_BLANK	WA	EPA 351.2	04/26/2023 11:46	04/26/2023 14:26	1	NA
F2302613016	EQUIPMENT_BLANK	WA	EPA 365.3	04/26/2023 11:46	04/26/2023 14:26	1	NA
F2302613016	EQUIPMENT_BLANK	WA	Field Measurements	04/26/2023 11:46	04/26/2023 14:26	6	NA
F2302613016	EQUIPMENT_BLANK	WA	SM 10200 H	04/26/2023 11:46	04/26/2023 14:26	2	NA
F2302613016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	04/26/2023 11:46	04/26/2023 14:26	3	NA
F2302613017	EAST_RIVER_MARKER_3	WA	Calculation	04/26/2023 08:50	04/26/2023 14:26	1	NA
F2302613017	EAST_RIVER_MARKER_3	WA	DISRES	04/26/2023 08:50	04/26/2023 14:26	3	NA
F2302613017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 08:50	04/26/2023 14:26	1	NA
F2302613017	EAST_RIVER_MARKER_3	WA	EPA 180.1	04/26/2023 08:50	04/26/2023 14:26	1	NA
F2302613017	EAST_RIVER_MARKER_3	WA	EPA 351.2	04/26/2023 08:50	04/26/2023 14:26	1	NA
F2302613017	EAST_RIVER_MARKER_3	WA	EPA 365.3	04/26/2023 08:50	04/26/2023 14:26	1	NA
F2302613017	EAST_RIVER_MARKER_3	WA	Field Measurements	04/26/2023 08:50	04/26/2023 14:26	6	NA
F2302613017	EAST_RIVER_MARKER_3	WA	SM 10200 H	04/26/2023 08:50	04/26/2023 14:26	2	NA
F2302613017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	04/26/2023 08:50	04/26/2023 14:26	3	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	Calculation	04/26/2023 08:28	04/26/2023 14:26	1	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	DISRES	04/26/2023 08:28	04/26/2023 14:26	3	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 08:28	04/26/2023 14:26	1	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	04/26/2023 08:28	04/26/2023 14:26	1	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	04/26/2023 08:28	04/26/2023 14:26	1	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	04/26/2023 08:28	04/26/2023 14:26	1	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	Field Measurements	04/26/2023 08:28	04/26/2023 14:26	6	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	04/26/2023 08:28	04/26/2023 14:26	2	NA
F2302613018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	04/26/2023 08:28	04/26/2023 14:26	3	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	Calculation	04/26/2023 08:02	04/26/2023 14:26	1	NA

Tuesday, May 16, 2023 10:40:54 AM
 Dates and times are displayed using (-04:00)
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Workorder: MARCO (F2302613)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2302613019	CAPRI_PASS_MARKER_2	WA	DISRES	04/26/2023 08:02	04/26/2023 14:26	3	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 08:02	04/26/2023 14:26	1	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	04/26/2023 08:02	04/26/2023 14:26	1	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	04/26/2023 08:02	04/26/2023 14:26	1	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	04/26/2023 08:02	04/26/2023 14:26	1	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	Field Measurements	04/26/2023 08:02	04/26/2023 14:26	6	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	04/26/2023 08:02	04/26/2023 14:26	2	NA
F2302613019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	04/26/2023 08:02	04/26/2023 14:26	3	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	Calculation	04/26/2023 08:14	04/26/2023 14:26	1	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	DISRES	04/26/2023 08:14	04/26/2023 14:26	3	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	04/26/2023 08:14	04/26/2023 14:26	1	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	04/26/2023 08:14	04/26/2023 14:26	1	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	04/26/2023 08:14	04/26/2023 14:26	1	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	04/26/2023 08:14	04/26/2023 14:26	1	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	Field Measurements	04/26/2023 08:14	04/26/2023 14:26	6	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	04/26/2023 08:14	04/26/2023 14:26	2	NA
F2302613020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	04/26/2023 08:14	04/26/2023 14:26	3	NA

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Workorder: MARCO (F2302613)

Workorder Summary

Batch Comments

WCAg/11125 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for A2304959005 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 F2302613014 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 A2304959005 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.

The relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of F2302613014 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/11127 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for G2304139002 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 J2306024002 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 J2306024002 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.

Analysis Results Comments

F2302613001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2302613001-20 were filtered on 4/27/2023 at 11:30

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Workorder: MARCO (F2302613)

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 (F2302613)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613001 Date Collected: 04/26/2023 07:23 Matrix: Water								
Sample ID: BARFIELD_BRIDGE Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 07:27	04/26/2023 07:27	F^
Secchi Disc	1.5	meters			1	04/26/2023 07:27	04/26/2023 07:27	F^
Total Depth	2	meters			1	04/26/2023 07:27	04/26/2023 07:27	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52237	umhos/cm			1	04/26/2023 07:23	04/26/2023 07:23	F^
DO Saturation %	67.3	%			1	04/26/2023 07:23	04/26/2023 07:23	F^
Dissolved Oxygen	4.41	mg/L			1	04/26/2023 07:23	04/26/2023 07:23	F^
Salinity	34.31	ppt			1	04/26/2023 07:23	04/26/2023 07:23	F^
Temperature	27.7	°C			1	04/26/2023 07:23	04/26/2023 07:23	F^
pH	7.88	SU			1	04/26/2023 07:23	04/26/2023 07:23	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.176 I	mg/L	0.20	0.12	1	05/16/2023 09:04	05/16/2023 09:04	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.2	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.6 I	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.015	mg/L	0.010	0.0060	1	04/27/2023 20:34	04/27/2023 20:34	T
Nitrate + Nitrite	0.019 I	mg/L	0.020	0.010	1	04/27/2023 20:34	04/27/2023 20:34	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:34	04/27/2023 20:34	T





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Workorder: MARCO (F2302613)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613002 Date Collected: 04/26/2023 09:12 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 09:15	04/26/2023 09:15	F^
Secchi Disc	1.5	meters			1	04/26/2023 09:15	04/26/2023 09:15	F^
Total Depth	1.5	meters			1	04/26/2023 09:15	04/26/2023 09:15	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52604	umhos/cm			1	04/26/2023 09:12	04/26/2023 09:12	F^
DO Saturation %	67	%			1	04/26/2023 09:12	04/26/2023 09:12	F^
Dissolved Oxygen	4.35	mg/L			1	04/26/2023 09:12	04/26/2023 09:12	F^
Salinity	34.59	ppt			1	04/26/2023 09:12	04/26/2023 09:12	F^
Temperature	27.6	°C			1	04/26/2023 09:12	04/26/2023 09:12	F^
pH	7.98	SU			1	04/26/2023 09:12	04/26/2023 09:12	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:05	05/16/2023 09:05	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.8	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.034	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	3.4	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:35	04/27/2023 20:35	T
Nitrate + Nitrite	0.014 I	mg/L	0.020	0.010	1	04/27/2023 20:35	04/27/2023 20:35	T
Nitrite (as N)	0.011	mg/L	0.010	0.0080	1	04/27/2023 20:35	04/27/2023 20:35	T





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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613003 **Date Collected:** 04/26/2023 09:26 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 09:29	04/26/2023 09:29	F^
Secchi Disc	2	meters			1	04/26/2023 09:29	04/26/2023 09:29	F^
Total Depth	2.75	meters			1	04/26/2023 09:29	04/26/2023 09:29	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51673	umhos/cm			1	04/26/2023 09:26	04/26/2023 09:26	F^
DO Saturation %	49.9	%			1	04/26/2023 09:26	04/26/2023 09:26	F^
Dissolved Oxygen	3.24	mg/L			1	04/26/2023 09:26	04/26/2023 09:26	F^
Salinity	33.89	ppt			1	04/26/2023 09:26	04/26/2023 09:26	F^
Temperature	28	°C			1	04/26/2023 09:26	04/26/2023 09:26	F^
pH	7.94	SU			1	04/26/2023 09:26	04/26/2023 09:26	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.195 I	mg/L	0.20	0.12	1	05/16/2023 09:06	05/16/2023 09:06	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.7	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.012	mg/L	0.010	0.0060	1	04/27/2023 20:36	04/27/2023 20:36	T
Nitrate + Nitrite	0.017 I	mg/L	0.020	0.010	1	04/27/2023 20:36	04/27/2023 20:36	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:36	04/27/2023 20:36	T





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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613004 **Date Collected:** 04/26/2023 09:39 **Matrix:** Water
Sample ID: KENDALL **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 09:43	04/26/2023 09:43	F^
Secchi Disc	1	meters			1	04/26/2023 09:43	04/26/2023 09:43	F^
Total Depth	1	meters			1	04/26/2023 09:43	04/26/2023 09:43	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51680	umhos/cm			1	04/26/2023 09:39	04/26/2023 09:39	F^
DO Saturation %	41.4	%			1	04/26/2023 09:39	04/26/2023 09:39	F^
Dissolved Oxygen	2.69	mg/L			1	04/26/2023 09:39	04/26/2023 09:39	F^
Salinity	33.9	ppt			1	04/26/2023 09:39	04/26/2023 09:39	F^
Temperature	27.8	°C			1	04/26/2023 09:39	04/26/2023 09:39	F^
pH	7.88	SU			1	04/26/2023 09:39	04/26/2023 09:39	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:07	05/16/2023 09:07	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.9	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.013 I	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.011	mg/L	0.010	0.0060	1	04/27/2023 20:36	04/27/2023 20:36	T
Nitrate + Nitrite	0.017 I	mg/L	0.020	0.010	1	04/27/2023 20:36	04/27/2023 20:36	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:36	04/27/2023 20:36	T





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Workorder: MARCO (F2302613)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 09:54	04/26/2023 09:54	F^
Secchi Disc	1.75	meters			1	04/26/2023 09:54	04/26/2023 09:54	F^
Total Depth	1.75	meters			1	04/26/2023 09:54	04/26/2023 09:54	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51234	umhos/cm			1	04/26/2023 09:50	04/26/2023 09:50	F^
DO Saturation %	51.1	%			1	04/26/2023 09:50	04/26/2023 09:50	F^
Dissolved Oxygen	3.3	mg/L			1	04/26/2023 09:50	04/26/2023 09:50	F^
Salinity	33.56	ppt			1	04/26/2023 09:50	04/26/2023 09:50	F^
Temperature	28.2	°C			1	04/26/2023 09:50	04/26/2023 09:50	F^
pH	7.9	SU			1	04/26/2023 09:50	04/26/2023 09:50	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:07	05/16/2023 09:07	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.1	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.045	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:37	04/27/2023 20:37	T
Nitrate + Nitrite	0.011 I	mg/L	0.020	0.010	1	04/27/2023 20:37	04/27/2023 20:37	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:37	04/27/2023 20:37	T





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Workorder: MARCO (F2302613)

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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613006 **Date Collected:** 04/26/2023 10:01 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 10:06	04/26/2023 10:06	F^
Secchi Disc	2	meters			1	04/26/2023 10:06	04/26/2023 10:06	F^
Total Depth	2	meters			1	04/26/2023 10:06	04/26/2023 10:06	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51620	umhos/cm			1	04/26/2023 10:01	04/26/2023 10:01	F^
DO Saturation %	52	%			1	04/26/2023 10:01	04/26/2023 10:01	F^
Dissolved Oxygen	3.36	mg/L			1	04/26/2023 10:01	04/26/2023 10:01	F^
Salinity	33.84	ppt			1	04/26/2023 10:01	04/26/2023 10:01	F^
Temperature	28.2	°C			1	04/26/2023 10:01	04/26/2023 10:01	F^
pH	8.1	SU			1	04/26/2023 10:01	04/26/2023 10:01	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:07	05/16/2023 09:07	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.4	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.061	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.017	mg/L	0.010	0.0060	1	04/27/2023 20:38	04/27/2023 20:38	T
Nitrate + Nitrite	0.021	mg/L	0.020	0.010	1	04/27/2023 20:38	04/27/2023 20:38	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:38	04/27/2023 20:38	T





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Workorder: MARCO (F2302613)

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Workorder: MARCO (F2302613)

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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613007 Date Collected: 04/26/2023 10:07 Matrix: Water								
Sample ID: LANDMARK_DUP Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 10:11	04/26/2023 10:11	F^
Secchi Disc	2	meters			1	04/26/2023 10:11	04/26/2023 10:11	F^
Total Depth	2	meters			1	04/26/2023 10:11	04/26/2023 10:11	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51602	umhos/cm			1	04/26/2023 10:07	04/26/2023 10:07	F^
DO Saturation %	52.1	%			1	04/26/2023 10:07	04/26/2023 10:07	F^
Dissolved Oxygen	3.37	mg/L			1	04/26/2023 10:07	04/26/2023 10:07	F^
Salinity	33.82	ppt			1	04/26/2023 10:07	04/26/2023 10:07	F^
Temperature	28.2	°C			1	04/26/2023 10:07	04/26/2023 10:07	F^
pH	8.1	SU			1	04/26/2023 10:07	04/26/2023 10:07	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:08	05/16/2023 09:08	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.4	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.064	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.014	mg/L	0.010	0.0060	1	04/27/2023 20:39	04/27/2023 20:39	T
Nitrate + Nitrite	0.017 I	mg/L	0.020	0.010	1	04/27/2023 20:39	04/27/2023 20:39	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:39	04/27/2023 20:39	T





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Lab ID: F2302613008 **Date Collected:** 04/26/2023 10:17 **Matrix:** Water
Sample ID: HC_CENTER **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 10:21	04/26/2023 10:21	F^
Secchi Disc	1.25	meters			1	04/26/2023 10:21	04/26/2023 10:21	F^
Total Depth	1.25	meters			1	04/26/2023 10:21	04/26/2023 10:21	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51167	umhos/cm			1	04/26/2023 10:17	04/26/2023 10:17	F^
DO Saturation %	41	%			1	04/26/2023 10:17	04/26/2023 10:17	F^
Dissolved Oxygen	2.66	mg/L			1	04/26/2023 10:17	04/26/2023 10:17	F^
Salinity	33.51	ppt			1	04/26/2023 10:17	04/26/2023 10:17	F^
Temperature	28.1	°C			1	04/26/2023 10:17	04/26/2023 10:17	F^
pH	7.96	SU			1	04/26/2023 10:17	04/26/2023 10:17	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:08	05/16/2023 09:08	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.5	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0090 I	mg/L	0.010	0.0060	1	04/27/2023 20:39	04/27/2023 20:39	T
Nitrate + Nitrite	0.012 I	mg/L	0.020	0.010	1	04/27/2023 20:39	04/27/2023 20:39	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:39	04/27/2023 20:39	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613009 Date Collected: 04/26/2023 10:30 Matrix: Water								
Sample ID: SWALLOW Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 10:35	04/26/2023 10:35	F^
Secchi Disc	1	meters			1	04/26/2023 10:35	04/26/2023 10:35	F^
Total Depth	1.5	meters			1	04/26/2023 10:35	04/26/2023 10:35	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51419	umhos/cm			1	04/26/2023 10:30	04/26/2023 10:30	F^
DO Saturation %	41.5	%			1	04/26/2023 10:30	04/26/2023 10:30	F^
Dissolved Oxygen	2.68	mg/L			1	04/26/2023 10:30	04/26/2023 10:30	F^
Salinity	33.7	ppt			1	04/26/2023 10:30	04/26/2023 10:30	F^
Temperature	28.2	°C			1	04/26/2023 10:30	04/26/2023 10:30	F^
pH	8.02	SU			1	04/26/2023 10:30	04/26/2023 10:30	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:08	05/16/2023 09:08	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.090	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.028	mg/L	0.010	0.0060	1	04/27/2023 20:40	04/27/2023 20:40	T
Nitrate + Nitrite	0.034	mg/L	0.020	0.010	1	04/27/2023 20:40	04/27/2023 20:40	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:40	04/27/2023 20:40	T





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Lab ID: F2302613010 **Date Collected:** 04/26/2023 10:41 **Matrix:** Water
Sample ID: W_WINTERBERRY_BRID **Date Received:** 04/26/2023 14:26
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 10:45	04/26/2023 10:45	F^
Secchi Disc	1	meters			1	04/26/2023 10:45	04/26/2023 10:45	F^
Total Depth	2	meters			1	04/26/2023 10:45	04/26/2023 10:45	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51994	umhos/cm			1	04/26/2023 10:41	04/26/2023 10:41	F^
DO Saturation %	70.6	%			1	04/26/2023 10:41	04/26/2023 10:41	F^
Dissolved Oxygen	4.57	mg/L			1	04/26/2023 10:41	04/26/2023 10:41	F^
Salinity	34.12	ppt			1	04/26/2023 10:41	04/26/2023 10:41	F^
Temperature	28.0	°C			1	04/26/2023 10:41	04/26/2023 10:41	F^
pH	8.60	SU			1	04/26/2023 10:41	04/26/2023 10:41	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:09	05/16/2023 09:09	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.1	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:41	04/27/2023 20:41	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:41	04/27/2023 20:41	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:41	04/27/2023 20:41	T





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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613011 **Date Collected:** 04/26/2023 10:52 **Matrix:** Water
Sample ID: E_WINTERBERRY_BRID **Date Received:** 04/26/2023 14:26
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 10:57	04/26/2023 10:57	F^
Secchi Disc	2	meters			1	04/26/2023 10:57	04/26/2023 10:57	F^
Total Depth	2	meters			1	04/26/2023 10:57	04/26/2023 10:57	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51702	umhos/cm			1	04/26/2023 10:52	04/26/2023 10:52	F^
DO Saturation %	50.1	%			1	04/26/2023 10:52	04/26/2023 10:52	F^
Dissolved Oxygen	3.22	mg/L			1	04/26/2023 10:52	04/26/2023 10:52	F^
Salinity	33.89	ppt			1	04/26/2023 10:52	04/26/2023 10:52	F^
Temperature	28.4	°C			1	04/26/2023 10:52	04/26/2023 10:52	F^
pH	7.98	SU			1	04/26/2023 10:52	04/26/2023 10:52	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:09	05/16/2023 09:09	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.0	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0080 I	mg/L	0.010	0.0060	1	04/27/2023 20:48	04/27/2023 20:48	T
Nitrate + Nitrite	0.011 I	mg/L	0.020	0.010	1	04/27/2023 20:48	04/27/2023 20:48	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:48	04/27/2023 20:48	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613012 Date Collected: 04/26/2023 11:02 Matrix: Water								
Sample ID: MCILVAINE Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 11:07	04/26/2023 11:07	F^
Secchi Disc	1.25	meters			1	04/26/2023 11:07	04/26/2023 11:07	F^
Total Depth	2.5	meters			1	04/26/2023 11:07	04/26/2023 11:07	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52712	umhos/cm			1	04/26/2023 11:02	04/26/2023 11:02	F^
DO Saturation %	60.7	%			1	04/26/2023 11:02	04/26/2023 11:02	F^
Dissolved Oxygen	3.92	mg/L			1	04/26/2023 11:02	04/26/2023 11:02	F^
Salinity	34.66	ppt			1	04/26/2023 11:02	04/26/2023 11:02	F^
Temperature	27.9	°C			1	04/26/2023 11:02	04/26/2023 11:02	F^
pH	8.04	SU			1	04/26/2023 11:02	04/26/2023 11:02	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.152 I	mg/L	0.20	0.12	1	05/16/2023 09:10	05/16/2023 09:10	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.4	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.016	mg/L	0.010	0.0060	1	04/27/2023 20:48	04/27/2023 20:48	T
Nitrate + Nitrite	0.019 I	mg/L	0.020	0.010	1	04/27/2023 20:48	04/27/2023 20:48	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:48	04/27/2023 20:48	T





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Workorder: MARCO (F2302613)

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Workorder: MARCO (F2302613)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613013 Date Collected: 04/26/2023 11:15 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 11:19	04/26/2023 11:19	F^
Secchi Disc	1.5	meters			1	04/26/2023 11:19	04/26/2023 11:19	F^
Total Depth	1.5	meters			1	04/26/2023 11:19	04/26/2023 11:19	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	51667	umhos/cm			1	04/26/2023 11:15	04/26/2023 11:15	F^
DO Saturation %	52.5	%			1	04/26/2023 11:15	04/26/2023 11:15	F^
Dissolved Oxygen	3.37	mg/L			1	04/26/2023 11:15	04/26/2023 11:15	F^
Salinity	33.86	ppt			1	04/26/2023 11:15	04/26/2023 11:15	F^
Temperature	28.7	°C			1	04/26/2023 11:15	04/26/2023 11:15	F^
pH	7.9	SU			1	04/26/2023 11:15	04/26/2023 11:15	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:10	05/16/2023 09:10	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.4	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.021	mg/L	0.010	0.0060	1	04/27/2023 20:49	04/27/2023 20:49	T
Nitrate + Nitrite	0.025	mg/L	0.020	0.010	1	04/27/2023 20:49	04/27/2023 20:49	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:49	04/27/2023 20:49	T





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Workorder: MARCO (F2302613)

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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613014 **Date Collected:** 04/26/2023 11:25 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 11:29	04/26/2023 11:29	F^
Secchi Disc	1.5	meters			1	04/26/2023 11:29	04/26/2023 11:29	F^
Total Depth	1.5	meters			1	04/26/2023 11:29	04/26/2023 11:29	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52761	umhos/cm			1	04/26/2023 11:25	04/26/2023 11:25	F^
DO Saturation %	40.3	%			1	04/26/2023 11:25	04/26/2023 11:25	F^
Dissolved Oxygen	2.59	mg/L			1	04/26/2023 11:25	04/26/2023 11:25	F^
Salinity	34.68	ppt			1	04/26/2023 11:25	04/26/2023 11:25	F^
Temperature	28.2	°C			1	04/26/2023 11:25	04/26/2023 11:25	F^
pH	7.83	SU			1	04/26/2023 11:25	04/26/2023 11:25	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.168 I	mg/L	0.20	0.12	1	05/16/2023 09:11	05/16/2023 09:11	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 10:03	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.1	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.014	mg/L	0.010	0.0060	1	04/27/2023 20:50	04/27/2023 20:50	T
Nitrate + Nitrite	0.016 I	mg/L	0.020	0.010	1	04/27/2023 20:50	04/27/2023 20:50	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:50	04/27/2023 20:50	T





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Workorder: MARCO (F2302613)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: MARCO (F2302613)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2302613015 Date Collected: 04/26/2023 11:34 Matrix: Water								
Sample ID: WINDMILL Date Received: 04/26/2023 14:26								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 11:39	04/26/2023 11:39	F^
Secchi Disc	1	meters			1	04/26/2023 11:39	04/26/2023 11:39	F^
Total Depth	2	meters			1	04/26/2023 11:39	04/26/2023 11:39	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52091	umhos/cm			1	04/26/2023 11:34	04/26/2023 11:34	F^
DO Saturation %	73.2	%			1	04/26/2023 11:34	04/26/2023 11:34	F^
Dissolved Oxygen	4.7	mg/L			1	04/26/2023 11:34	04/26/2023 11:34	F^
Salinity	34.22	ppt			1	04/26/2023 11:34	04/26/2023 11:34	F^
Temperature	28.4	°C			1	04/26/2023 11:34	04/26/2023 11:34	F^
pH	7.97	SU			1	04/26/2023 11:34	04/26/2023 11:34	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:11	05/16/2023 09:11	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 13:22	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.6	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:51	04/27/2023 20:51	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:51	04/27/2023 20:51	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:51	04/27/2023 20:51	T





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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613016 **Date Collected:** 04/26/2023 11:46 **Matrix:** Water
Sample ID: EQUIPMENT_BLANK **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:11	05/16/2023 09:11	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 13:22	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.10 U	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:51	04/27/2023 20:51	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:51	04/27/2023 20:51	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:51	04/27/2023 20:51	T

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Workorder: MARCO (F2302613)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 08:55	04/26/2023 08:55	F^
Secchi Disc	2	meters			1	04/26/2023 08:55	04/26/2023 08:55	F^
Total Depth	2.1	meters			1	04/26/2023 08:55	04/26/2023 08:55	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52622	umhos/cm			1	04/26/2023 08:50	04/26/2023 08:50	F^
DO Saturation %	84.2	%			1	04/26/2023 08:50	04/26/2023 08:50	F^
Dissolved Oxygen	5.47	mg/L			1	04/26/2023 08:50	04/26/2023 08:50	F^
Salinity	34.59	ppt			1	04/26/2023 08:50	04/26/2023 08:50	F^
Temperature	27.6	°C			1	04/26/2023 08:50	04/26/2023 08:50	F^
pH	8.06	SU			1	04/26/2023 08:50	04/26/2023 08:50	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:12	05/16/2023 09:12	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 13:22	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.7	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:52	04/27/2023 20:52	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:52	04/27/2023 20:52	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:52	04/27/2023 20:52	T





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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613018 **Date Collected:** 04/26/2023 08:28 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 04/26/2023 14:26
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 08:34	04/26/2023 08:34	F^
Secchi Disc	3	meters			1	04/26/2023 08:34	04/26/2023 08:34	F^
Total Depth	6.7	meters			1	04/26/2023 08:34	04/26/2023 08:34	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52554	umhos/cm			1	04/26/2023 08:28	04/26/2023 08:28	F^
DO Saturation %	89.4	%			1	04/26/2023 08:28	04/26/2023 08:28	F^
Dissolved Oxygen	5.81	mg/L			1	04/26/2023 08:28	04/26/2023 08:28	F^
Salinity	34.55	ppt			1	04/26/2023 08:28	04/26/2023 08:28	F^
Temperature	27.7	°C			1	04/26/2023 08:28	04/26/2023 08:28	F^
pH	8.03	SU			1	04/26/2023 08:28	04/26/2023 08:28	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:12	05/16/2023 09:12	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 13:22	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.0	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.217	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:53	04/27/2023 20:53	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:53	04/27/2023 20:53	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:53	04/27/2023 20:53	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 08:07	04/26/2023 08:07	F^
Secchi Disc	3.5	meters			1	04/26/2023 08:07	04/26/2023 08:07	F^
Total Depth	5.2	meters			1	04/26/2023 08:07	04/26/2023 08:07	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52572	umhos/cm			1	04/26/2023 08:02	04/26/2023 08:02	F^
DO Saturation %	90.3	%			1	04/26/2023 08:02	04/26/2023 08:02	F^
Dissolved Oxygen	5.88	mg/L			1	04/26/2023 08:02	04/26/2023 08:02	F^
Salinity	34.57	ppt			1	04/26/2023 08:02	04/26/2023 08:02	F^
Temperature	27.5	°C			1	04/26/2023 08:02	04/26/2023 08:02	F^
pH	8.09	SU			1	04/26/2023 08:02	04/26/2023 08:02	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:13	05/16/2023 09:13	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 13:22	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.7	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.042	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:54	04/27/2023 20:54	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:54	04/27/2023 20:54	T
Nitrite (as N)	0.0090 I	mg/L	0.010	0.0080	1	04/27/2023 20:54	04/27/2023 20:54	T





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Workorder: MARCO (F2302613)

Analytical Results

Lab ID: F2302613020 **Date Collected:** 04/26/2023 08:14 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_4 **Date Received:** 04/26/2023 14:26

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	04/26/2023 08:19	04/26/2023 08:19	F^
Secchi Disc	2.7	meters			1	04/26/2023 08:19	04/26/2023 08:19	F^
Total Depth	2.7	meters			1	04/26/2023 08:19	04/26/2023 08:19	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	52422	umhos/cm			1	04/26/2023 08:14	04/26/2023 08:14	F^
DO Saturation %	94.4	%			1	04/26/2023 08:14	04/26/2023 08:14	F^
Dissolved Oxygen	6.13	mg/L			1	04/26/2023 08:14	04/26/2023 08:14	F^
Salinity	34.45	ppt			1	04/26/2023 08:14	04/26/2023 08:14	F^
Temperature	27.6	°C			1	04/26/2023 08:14	04/26/2023 08:14	F^
pH	8.07	SU			1	04/26/2023 08:14	04/26/2023 08:14	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	04/26/2023 15:17	04/26/2023 15:17	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	05/16/2023 09:13	05/16/2023 09:13	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	05/03/2023 17:40	05/04/2023 13:22	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.2	NTU	0.10	0.10	1	04/27/2023 15:49	04/27/2023 15:49	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	05/01/2023 10:55	05/01/2023 16:35	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	05/03/2023 09:00	05/03/2023 09:00	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	04/27/2023 20:54	04/27/2023 20:54	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	04/27/2023 20:54	04/27/2023 20:54	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	04/27/2023 20:54	04/27/2023 20:54	T





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FINAL

Workorder: MARCO (F2302613)

Analytical Results

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Workorder: MARCO (F2302613)

QC Results

QC Batch: WCAf/3407 **Analysis Method:** EPA 180.1
Preparation Method: EPA 180.1
Associated Lab IDs: F2302613001, F2302613002, F2302613003, F2302613004, F2302613005, F2302613006, F2302613007, F2302613008, F2302613009, F2302613010, F2302613011, F2302613012, F2302613013, F2302613014, F2302613015, F2302613016, F2302613017, F2302613018, F2302613019, F2302613020

Method Blank(4769775)

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





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Workorder: MARCO (F2302613)

QC Results

QC Batch: WCAg/11127 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2302613015, F2302613016, F2302613017, F2302613018, F2302613019, F2302613020

Method Blank(4781768)

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





FINAL

Workorder: MARCO (F2302613)

QC Results

QC Batch: WCA/20275 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2302613001, F2302613002, F2302613003, F2302613004, F2302613005, F2302613006, F2302613007, F2302613008, F2302613009, F2302613010

Method Blank(4772345)

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





FINAL

Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1021 - Field Measurements			
F2302613001	BARFIELD_BRIDGE		
F2302613002	OLDE_MARCO		
F2302613003	JH_PARK		
F2302613004	KENDALL		
F2302613005	COLLIER_BRIDGE		
F2302613006	LANDMARK		
F2302613007	LANDMARK_DUP		
F2302613008	HC_CENTER		
F2302613009	SWALLOW		
F2302613010	W_WINTERBERRY_BRIDGE		
F2302613011	E_WINTERBERRY_BRIDGE		
F2302613012	MCILVAINE		
F2302613013	HUMMINGBIRD		
F2302613014	HOLLYHOCK		
F2302613015	WINDMILL		
F2302613016	EQUIPMENT_BLANK		
F2302613017	EAST_RIVER_MARKER_3		
F2302613018	MID_CHANNEL_MARKER_12		
F2302613019	CAPRI_PASS_MARKER_2		
F2302613020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1022 - DISRES			
F2302613001	BARFIELD_BRIDGE		
F2302613002	OLDE_MARCO		
F2302613003	JH_PARK		
F2302613004	KENDALL		
F2302613005	COLLIER_BRIDGE		
F2302613006	LANDMARK		
F2302613007	LANDMARK_DUP		
F2302613008	HC_CENTER		
F2302613009	SWALLOW		
F2302613010	W_WINTERBERRY_BRIDGE		
F2302613011	E_WINTERBERRY_BRIDGE		
F2302613012	MCILVAINE		
F2302613013	HUMMINGBIRD		
F2302613014	HOLLYHOCK		
F2302613015	WINDMILL		
F2302613016	EQUIPMENT_BLANK		
F2302613017	EAST_RIVER_MARKER_3		
F2302613018	MID_CHANNEL_MARKER_12		
F2302613019	CAPRI_PASS_MARKER_2		
F2302613020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/2519 - ENTEROLERT/ QUANTI-TRAY			
F2302613001	BARFIELD_BRIDGE		
F2302613002	OLDE_MARCO		
F2302613003	JH_PARK		
F2302613004	KENDALL		
F2302613005	COLLIER_BRIDGE		
F2302613006	LANDMARK		
F2302613007	LANDMARK_DUP		
F2302613008	HC_CENTER		
F2302613009	SWALLOW		
F2302613010	W_WINTERBERRY_BRIDGE		
F2302613011	E_WINTERBERRY_BRIDGE		
F2302613012	MCILVAINE		
F2302613013	HUMMINGBIRD		
F2302613014	HOLLYHOCK		
F2302613015	WINDMILL		
F2302613016	EQUIPMENT_BLANK		
F2302613017	EAST_RIVER_MARKER_3		
F2302613018	MID_CHANNEL_MARKER_12		
F2302613019	CAPRI_PASS_MARKER_2		
F2302613020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/3407 - EPA 180.1			
F2302613001	BARFIELD_BRIDGE		
F2302613002	OLDE_MARCO		
F2302613003	JH_PARK		
F2302613004	KENDALL		
F2302613005	COLLIER_BRIDGE		
F2302613006	LANDMARK		
F2302613007	LANDMARK_DUP		
F2302613008	HC_CENTER		
F2302613009	SWALLOW		
F2302613010	W_WINTERBERRY_BRIDGE		
F2302613011	E_WINTERBERRY_BRIDGE		
F2302613012	MCILVAINE		
F2302613013	HUMMINGBIRD		
F2302613014	HOLLYHOCK		
F2302613015	WINDMILL		
F2302613016	EQUIPMENT_BLANK		
F2302613017	EAST_RIVER_MARKER_3		
F2302613018	MID_CHANNEL_MARKER_12		
F2302613019	CAPRI_PASS_MARKER_2		
F2302613020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/11045 - EPA 365.3			
F2302613001	BARFIELD_BRIDGE	WCAg/11044	EPA 365.3
F2302613002	OLDE_MARCO	WCAg/11044	EPA 365.3
F2302613003	JH_PARK	WCAg/11044	EPA 365.3
F2302613004	KENDALL	WCAg/11044	EPA 365.3
F2302613005	COLLIER_BRIDGE	WCAg/11044	EPA 365.3
F2302613006	LANDMARK	WCAg/11044	EPA 365.3
F2302613007	LANDMARK_DUP	WCAg/11044	EPA 365.3
F2302613008	HC_CENTER	WCAg/11044	EPA 365.3
F2302613009	SWALLOW	WCAg/11044	EPA 365.3
F2302613010	W_WINTERBERRY_BRIDGE	WCAg/11044	EPA 365.3
F2302613011	E_WINTERBERRY_BRIDGE	WCAg/11044	EPA 365.3
F2302613012	MCILVAINE	WCAg/11044	EPA 365.3
F2302613013	HUMMINGBIRD	WCAg/11044	EPA 365.3
F2302613014	HOLLYHOCK	WCAg/11044	EPA 365.3
F2302613015	WINDMILL	WCAg/11044	EPA 365.3
F2302613016	EQUIPMENT_BLANK	WCAg/11044	EPA 365.3
F2302613017	EAST_RIVER_MARKER_3	WCAg/11044	EPA 365.3
F2302613018	MID_CHANNEL_MARKER_12	WCAg/11044	EPA 365.3
F2302613019	CAPRI_PASS_MARKER_2	WCAg/11044	EPA 365.3
F2302613020	CAPRI_PASS_MARKER_4	WCAg/11044	EPA 365.3

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/11078 - SM 10200 H			
F2302613001	BARFIELD_BRIDGE		
F2302613002	OLDE_MARCO		
F2302613003	JH_PARK		
F2302613004	KENDALL		
F2302613005	COLLIER_BRIDGE		
F2302613006	LANDMARK		
F2302613007	LANDMARK_DUP		
F2302613008	HC_CENTER		
F2302613009	SWALLOW		
F2302613010	W_WINTERBERRY_BRIDGE		
F2302613011	E_WINTERBERRY_BRIDGE		
F2302613012	MCILVAINE		
F2302613013	HUMMINGBIRD		
F2302613014	HOLLYHOCK		
F2302613015	WINDMILL		
F2302613016	EQUIPMENT_BLANK		
F2302613017	EAST_RIVER_MARKER_3		
F2302613018	MID_CHANNEL_MARKER_12		
F2302613019	CAPRI_PASS_MARKER_2		
F2302613020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/11125 - EPA 351.2			
F2302613001	BARFIELD_BRIDGE	WCAg/11118	Copper Sulfate Digestion
F2302613002	OLDE_MARCO	WCAg/11118	Copper Sulfate Digestion
F2302613003	JH_PARK	WCAg/11118	Copper Sulfate Digestion
F2302613004	KENDALL	WCAg/11118	Copper Sulfate Digestion
F2302613005	COLLIER_BRIDGE	WCAg/11118	Copper Sulfate Digestion
F2302613006	LANDMARK	WCAg/11118	Copper Sulfate Digestion
F2302613007	LANDMARK_DUP	WCAg/11118	Copper Sulfate Digestion
F2302613008	HC_CENTER	WCAg/11118	Copper Sulfate Digestion
F2302613009	SWALLOW	WCAg/11118	Copper Sulfate Digestion
F2302613010	W_WINTERBERRY_BRIDGE	WCAg/11118	Copper Sulfate Digestion
F2302613011	E_WINTERBERRY_BRIDGE	WCAg/11118	Copper Sulfate Digestion
F2302613012	MCILVAINE	WCAg/11118	Copper Sulfate Digestion
F2302613013	HUMMINGBIRD	WCAg/11118	Copper Sulfate Digestion
F2302613014	HOLLYHOCK	WCAg/11118	Copper Sulfate Digestion
WCAg/11127 - EPA 351.2			
F2302613015	WINDMILL	WCAg/11119	Copper Sulfate Digestion
F2302613016	EQUIPMENT_BLANK	WCAg/11119	Copper Sulfate Digestion
F2302613017	EAST_RIVER_MARKER_3	WCAg/11119	Copper Sulfate Digestion
F2302613018	MID_CHANNEL_MARKER_12	WCAg/11119	Copper Sulfate Digestion
F2302613019	CAPRI_PASS_MARKER_2	WCAg/11119	Copper Sulfate Digestion
F2302613020	CAPRI_PASS_MARKER_4	WCAg/11119	Copper Sulfate Digestion
WCAI/20275 - SM 4500NO3-F (Low Level)			
F2302613001	BARFIELD_BRIDGE		
F2302613002	OLDE_MARCO		
F2302613003	JH_PARK		
F2302613004	KENDALL		
F2302613005	COLLIER_BRIDGE		
F2302613006	LANDMARK		
F2302613007	LANDMARK_DUP		
F2302613008	HC_CENTER		
F2302613009	SWALLOW		
F2302613010	W_WINTERBERRY_BRIDGE		

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Workorder: MARCO (F2302613)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCA1/20276 - SM 4500NO3-F (Low Level)			
F2302613011	E_WINTERBERRY_BRIDGE		
F2302613012	MCILVAINE		
F2302613013	HUMMINGBIRD		
F2302613014	HOLLYHOCK		
F2302613015	WINDMILL		
F2302613016	EQUIPMENT_BLANK		
F2302613017	EAST_RIVER_MARKER_3		
F2302613018	MID_CHANNEL_MARKER_12		
F2302613019	CAPRI_PASS_MARKER_2		
F2302613020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2302613)



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 Fort Myers: 13100 Westlinks Terrace, Ste. 10 Ft. 33913 • 239.674.8130 • Lab ID: E54492
 Jacksonville: 6481 Sampson Pkwy, Ft. 32216 • 904.363.8500 • Lab ID: E55274
 Tallahassee: 2639 North Monroe St., Suite D, Ft. 32303 • 850.218.6274 • Lab ID: E511095

Gainesville: 4965 SW 41st Blvd., Ft. 32608 • 352.377.2349 • Lab ID: E50001
 Miramar: _____
 Tampa: _____



Client Name:	City of Marco Island	Project Name:	MARCO						
Address:	50 Bald Eagle Dr. Marco Island, FL 314145	Project Number:							
Phone:	239-300-1462	PO Number:							
FAX:		FDEP Facility No.:							
Contact:	Jason Tomasese	FDEP Facility Addr.:							
Sampled By:	P. Manard	Special Instructions:							
Turn Around Time:	Standard X Rush								
ADAPT:									
AEI Profile #:	65884	EQUIS:	Other:						
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME	MATRIX	NO. COUNT	WIN	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
	BARFIELD_BRIDGE	Grab	4/16/23 07:25	SW	4		NO2/NO3	125 mL Plastic	001
	OLDE_MARCO	Grab	09:12	SW	4		TKN/TP/TN	250 mL Plastic	002
	JH_PARK	Grab	09:26	SW	4		Chlor-A/Turbidity	1L Amb Plastic	003
	KENDALL	Grab	09:57	SW	4		Enterococci	100 mL Cup	004
	COLLIER_BRIDGE	Grab	09:50	SW	4				005
	LANDMARK	Grab	10:01	SW	4				006
	LANDMARK_DUP	Grab	10:07	SW	4				007
	HC_CENTER	Grab	10:17	SW	4				008
	SWALLOW	Grab	10:35	SW	4				009
	W_WINTERBERRY_BRIDGE	Grab	10:44	SW	4				010

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
 Received on Ice Yes No Temp taken from sample Temp from blank Where required, pH checked
 DCK: AD-0051web 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
 Temp, when received (observed) 36 °C Temp, when received (corrected) 36 °C
 Temp, when received (observed) 36 °C Temp, when received (corrected) 36 °C
 FOR DRINKING WATER USE:
 (When PWS information not otherwise supplied) PWS ID: _____
 Contact Person: _____
 Supplier of Water: _____
 Site-Address: _____





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 13100 Westlinks Terrace, Unit 10 Ft. Myers FL 33913
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 Phone: (239) 674-8130
 Fax: (239) 674-8128

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Workorder: MARCO (F2302613)



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- Coral Gables: 13100 Westlinks Terrace, Ste. 10, Ft. 33913 • 239.674.8130 • Lab. ID: E84492
- Jacksonville: 4481 Springport Pkwy., Ft. 32218 • 904.383.5550 • Lab. ID: E82574
- Tallahassee: 2639 North Monroe St., Suite D, Ft. 32303 • 905.219.6274 • Lab. ID: E81105

F2302613

Page 2 of 2

Client Name: City of Marco Island		Project Name: MARCO	
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:	
Phone: 239-300-1462		FDEP Facility No.:	
FAX:		FDEP Facility Addr.:	
Contact: Jason Tomasesetti		Special Instructions:	
Sampled By: P. Manard		Turn Around Time: Standard X Rush	
JEL Profile #: 65884		ADAPT	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	EQUIP		MTRX	NO. COUNT	WIN	ANALYSIS REQUIRED				BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME				NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci		
E_WINTERBERRY_BRIDGE	MOLLVAINE	Grab	4/16/23	10:57	SW	4	X	X	X	X	250 mL Plastic	011	
	HUMMINGBIRD	Grab		11:02	SW	4	X	X	X	X	250 mL Plastic	012	
	HOLLYHOCK	Grab		11:15	SW	4	X	X	X	X	1L Amb Plastic	013	
	WINDMILL	Grab		11:25	SW	4	X	X	X	X	100 mL Cup	014	
	EQUIPMENT_BLANK	Grab		11:34	SW	4	X	X	X	X		015	
	EAST RIVER-MARKER 3	Grab		11:46	SW	4	X	X	X	X		016	
	MID CHANNEL-MARKER 12	Grab		08:50	SW	4	X	X	X	X		017	
	CAPRI PASS-MARKER 2	Grab		08:28	SW	4	X	X	X	X		018	
	CAPRI PASS-MARKER 4	Grab		08:14	SW	4	X	X	X	X		019	
							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

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-IV (E-1A) C

Temp, when received (observed) 3.6 °C Temp, when received (corrected) 3.6 °C

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





FINAL

Workorder: MARCO (F2302613)

Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL	
SAMPLE TIME	07:23	07:27	09:12	09:15	09:26	09:29	09:39	09:43	
SAMPLE DEPTH	0.30m top	1.5	0.30m top	1.0	0.30m top	2.25	0.30m top	0.5	
TOTAL DEPTH	2.0	2.0	1.5	1.5	2.75	2.75	1.0	1.0	
TEMP /C	27.7	27.7	27.6	27.7	28.0	28.0	27.8	27.8	
D.O. mg / L	4.41	4.33	4.35	3.34	3.24	3.19	2.69	2.43	
D.O. % sat.	67.3	66.7	67.0	51.4	49.9	49.4	41.4	37.4	
CONDUCTIVITY(umhos)	52237	52278	52604	52642	51673	51845	51680	51730	
SALINITY ppt.	34.31	34.34	34.59	34.61	33.89	34.01	33.90	33.93	
pH su.	7.88	7.90	7.98	7.98	7.94	7.93	7.88	7.88	
SECCHI DEPTH	1.5	1.5	1.5	1.5	2.0	2.0	1.0	1.0	
FIELD COMMENTS:									
WEATHER :	DEG F		DEG F		DEG F		DEG F		
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		
Authentication									
SAMPLED BY: (PRINT) /	B.Miller / AEL				Sampler's Signature	<i>B Miller</i>		Date	
AFFILIATION:/ ADVANCED ENVIRONMENTAL LABORATORIES							4/26/23		





FINAL

Workorder: MARCO (F2302613)

Advanced Environmental Laboratories, Inc								
Client Name:	CITY OF MARCO ISLAND			Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters								
SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP	HC CENTER	HC CENTER
SAMPLE TIME	09:50	09:54	10:01	10:06	10:07	10:11	10:17	10:21
SAMPLE DEPTH	0.30m top	1.25	0.30m top	1.5	0.30m top	1.5	0.30m top	0.75
TOTAL DEPTH	1.75	1.75	2.0	2.0	2.0	2.0	1.25	1.25
TEMP /C	28.2	28.2	28.2	28.2	28.2	28.2	28.1	28.2
D.O. mg / L	3.30	2.89	3.36	3.23	3.37	3.21	2.66	2.60
D.O. % sat.	51.1	44.8	52.0	50.3	52.1	50.1	41.0	40.3
CONDUCTIVITY(umhos)	51234	51254	51620	51682	51602	51685	51167	51225
SALINITY ppt.	33.56	33.57	33.84	33.88	33.82	33.89	33.51	33.55
pH su.	7.90	7.91	8.10	8.15	8.10	8.16	7.96	8.00
SECCHI DEPTH	1.75	1.75	2.0	2.0	2.0	2.0	1.25	1.25
FIELD COMMENTS:								
WEATHER :	DEG F		DEG F		DEG F		DEG F	
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	
Authentication								
SAMPLED BY: (PRINT) /	BM / AEL			Sampler's Signature	<i>B Miller</i>		Date	
AFFILIATION: /	ADVANCED ENVIRONMENTAL LABORATORIES						4/26/23	

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FINAL

Workorder: MARCO (F2302613)

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	10:30	10:35	10:41	10:45	10:52	10:57	11:02	11:07
SAMPLE DEPTH	0.30m top	1.0	0.30m top	1.5	0.30m top	1.5	0.30m top	2.0
TOTAL DEPTH	1.5	1.5	2.0	2.0	2.0	2.0	2.5	2.5
TEMP /C	28.2	28.2	28.0	28.1	28.4	28.4	27.9	28.0
D.O. mg / L	2.68	2.36	4.57	4.20	3.22	2.86	3.92	3.38
D.O. % sat.	41.5	36.5	70.6	65.0	50.1	44.5	60.7	52.4
CONDUCTIVITY(umhos)	51419	51836	51994	52046	51702	51850	52712	52716
SALINITY ppt.	33.70	34.00	34.12	34.16	33.89	34.00	34.66	34.66
pH su.	8.02	8.02	8.06	8.05	7.98	7.97	8.04	8.03
SECCHI DEPTH	1.0	1.0	1.0	1.0	2.0	2.0	1.25	1.25
FIELD COMMENTS:								
WEATHER :	DEG F		DEG F		DEG F		DEG F	
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	
Authentication								
SAMPLED BY: (PRINT) /	BM / AEL			Sampler's Signature	<i>B Miller</i>		Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES						4/26/23		





FINAL

Workorder: MARCO (F2302613)

Advanced Environmental Laboratories, Inc							
Client Name:	CITY OF MARCO ISLAND			Site Name:	MARCO ISLAND WATERWAYS		
Water Sample Parameters							
SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK
SAMPLE TIME	11:15	11:19	11:25	11:29	11:34	11:39	11:46
SAMPLE DEPTH	0.30m top	1.0	0.30m top	1.0	0.30m top	1.5	NA
TOTAL DEPTH	1.5	1.5	1.5	1.5	2.0	2.0	NA
TEMP /C	28.7	28.7	28.2	28.2	28.4	28.0	NA
D.O. mg / L	3.37	2.96	2.59	2.21	4.70	3.27	NA
D.O. % sat.	52.5	46.1	40.3	34.4	73.2	50.7	NA
CONDUCTIVITY(umhos)	51667	51739	52761	53022	52091	52669	NA
SALINITY ppt.	33.86	33.92	34.68	34.88	34.22	34.62	NA
pH su.	7.90	7.92	7.83	7.82	7.97	7.96	NA
SECCHI DEPTH	1.5	1.5	1.5	1.5	1.0	1.0	NA
FIELD COMMENTS:							NA
WEATHER :	DEG F		DEG F		DEG F		DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X
Authentication							
SAMPLED BY: (PRINT) /	BM / AEL			Sampler's Signature	<i>B Miller</i>		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES						4/26/23	





FINAL

Workorder: MARCO (F2302613)

Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	East River-Marker 3	East River-Marker 3	Mid Channel-Marker 12	Mid Channel-Marker 12	Capri Pass-Marker 2	Capri Pass-Marker 2	Capri Pass-Marker 4	Capri Pass-Marker 4	
SAMPLE TIME	08:50	08:55	08:28	08:34	08:02	08:07	08:14	08:19	
SAMPLE DEPTH	0.30m top	2.0	0.30m top	4.0	0.30m top	4.0	0.30m top	3.0	
TOTAL DEPTH	2.1	2.1	6.7	6.7	5.2	5.2	2.7	2.7	
TEMP /C	27.6	27.6	27.7	27.7	27.5	27.5	27.6	27.6	
D.O. mg / L	5.47	5.16	5.81	5.53	5.88	5.96	6.13	6.06	
D.O. % sat.	84.2	79.4	89.4	85.2	0.3	91.4	94.4	92.9	
CONDUCTIVITY(umhos)	52622	52626	52554	52561	52572	52561	52422	52433	
SALINITY ppt.	34.59	34.6	34.55	34.55	34.57	34.57	34.45	34.46	
pH su.	8.06	8.05	8.03	8.04	8.09	8.04	8.07	8.07	
SECCHI DEPTH	2.0	2.0	3.0	3.0	3.5	3.5	3.0	3.0	
FIELD COMMENTS:					Dredging in progress while sampling		NA missing marker because of dredging		
WEATHER :	DEG F		DEG F		DEG F		DEG F		
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		
Authentication									
SAMPLED BY: (PRINT) /	BM / AEL				Sampler's Signature	<i>B Miller</i>		Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES								4/26/23	

