



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: MARCO July (F2304608)

August 16, 2023

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

RE: Workorder: F2304608 MARCO July

Dear Justin Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday July 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 July (F2304608)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2304608001	BARFIELD_BRIDGE	WA	Calculation	07/26/2023 09:02	07/26/2023 13:45	1	NA
F2304608001	BARFIELD_BRIDGE	WA	DISRES	07/26/2023 09:02	07/26/2023 13:45	3	NA
F2304608001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 09:02	07/26/2023 13:45	1	NA
F2304608001	BARFIELD_BRIDGE	WA	EPA 180.1	07/26/2023 09:02	07/26/2023 13:45	1	NA
F2304608001	BARFIELD_BRIDGE	WA	EPA 351.2	07/26/2023 09:02	07/26/2023 13:45	1	NA
F2304608001	BARFIELD_BRIDGE	WA	EPA 365.3	07/26/2023 09:02	07/26/2023 13:45	1	NA
F2304608001	BARFIELD_BRIDGE	WA	Field Measurements	07/26/2023 09:02	07/26/2023 13:45	6	NA
F2304608001	BARFIELD_BRIDGE	WA	SM 10200 H	07/26/2023 09:02	07/26/2023 13:45	2	NA
F2304608001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	07/26/2023 09:02	07/26/2023 13:45	3	NA
F2304608002	OLDE_MARCO	WA	Calculation	07/26/2023 08:48	07/26/2023 13:45	1	NA
F2304608002	OLDE_MARCO	WA	DISRES	07/26/2023 08:48	07/26/2023 13:45	3	NA
F2304608002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 08:48	07/26/2023 13:45	1	NA
F2304608002	OLDE_MARCO	WA	EPA 180.1	07/26/2023 08:48	07/26/2023 13:45	1	NA
F2304608002	OLDE_MARCO	WA	EPA 351.2	07/26/2023 08:48	07/26/2023 13:45	1	NA
F2304608002	OLDE_MARCO	WA	EPA 365.3	07/26/2023 08:48	07/26/2023 13:45	1	NA
F2304608002	OLDE_MARCO	WA	Field Measurements	07/26/2023 08:48	07/26/2023 13:45	6	NA
F2304608002	OLDE_MARCO	WA	SM 10200 H	07/26/2023 08:48	07/26/2023 13:45	2	NA
F2304608002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	07/26/2023 08:48	07/26/2023 13:45	3	NA
F2304608003	JH_PARK	WA	Calculation	07/26/2023 09:26	07/26/2023 13:45	1	NA
F2304608003	JH_PARK	WA	DISRES	07/26/2023 09:26	07/26/2023 13:45	3	NA
F2304608003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 09:26	07/26/2023 13:45	1	NA
F2304608003	JH_PARK	WA	EPA 180.1	07/26/2023 09:26	07/26/2023 13:45	1	NA
F2304608003	JH_PARK	WA	EPA 351.2	07/26/2023 09:26	07/26/2023 13:45	1	NA
F2304608003	JH_PARK	WA	EPA 365.3	07/26/2023 09:26	07/26/2023 13:45	1	NA
F2304608003	JH_PARK	WA	Field Measurements	07/26/2023 09:26	07/26/2023 13:45	6	NA
F2304608003	JH_PARK	WA	SM 10200 H	07/26/2023 09:26	07/26/2023 13:45	2	NA
F2304608003	JH_PARK	WA	SM 4500NO3-F (Low Level)	07/26/2023 09:26	07/26/2023 13:45	3	NA
F2304608004	KENDALL	WA	Calculation	07/26/2023 09:41	07/26/2023 13:45	1	NA
F2304608004	KENDALL	WA	DISRES	07/26/2023 09:41	07/26/2023 13:45	3	NA
F2304608004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 09:41	07/26/2023 13:45	1	NA
F2304608004	KENDALL	WA	EPA 180.1	07/26/2023 09:41	07/26/2023 13:45	1	NA
F2304608004	KENDALL	WA	EPA 351.2	07/26/2023 09:41	07/26/2023 13:45	1	NA
F2304608004	KENDALL	WA	EPA 365.3	07/26/2023 09:41	07/26/2023 13:45	1	NA
F2304608004	KENDALL	WA	Field Measurements	07/26/2023 09:41	07/26/2023 13:45	6	NA

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Workorder: MARCO July (F2304608)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2304608004	KENDALL	WA	SM 10200 H	07/26/2023 09:41	07/26/2023 13:45	2	NA
F2304608004	KENDALL	WA	SM 4500NO3-F (Low Level)	07/26/2023 09:41	07/26/2023 13:45	3	NA
F2304608005	COLLIER_BRIDGE	WA	Calculation	07/26/2023 09:51	07/26/2023 13:45	1	NA
F2304608005	COLLIER_BRIDGE	WA	DISRES	07/26/2023 09:51	07/26/2023 13:45	3	NA
F2304608005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 09:51	07/26/2023 13:45	1	NA
F2304608005	COLLIER_BRIDGE	WA	EPA 180.1	07/26/2023 09:51	07/26/2023 13:45	1	NA
F2304608005	COLLIER_BRIDGE	WA	EPA 351.2	07/26/2023 09:51	07/26/2023 13:45	1	NA
F2304608005	COLLIER_BRIDGE	WA	EPA 365.3	07/26/2023 09:51	07/26/2023 13:45	1	NA
F2304608005	COLLIER_BRIDGE	WA	Field Measurements	07/26/2023 09:51	07/26/2023 13:45	6	NA
F2304608005	COLLIER_BRIDGE	WA	SM 10200 H	07/26/2023 09:51	07/26/2023 13:45	2	NA
F2304608005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	07/26/2023 09:51	07/26/2023 13:45	3	NA
F2304608006	LANDMARK	WA	Calculation	07/26/2023 10:03	07/26/2023 13:45	1	NA
F2304608006	LANDMARK	WA	DISRES	07/26/2023 10:03	07/26/2023 13:45	3	NA
F2304608006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 10:03	07/26/2023 13:45	1	NA
F2304608006	LANDMARK	WA	EPA 180.1	07/26/2023 10:03	07/26/2023 13:45	1	NA
F2304608006	LANDMARK	WA	EPA 351.2	07/26/2023 10:03	07/26/2023 13:45	1	NA
F2304608006	LANDMARK	WA	EPA 365.3	07/26/2023 10:03	07/26/2023 13:45	1	NA
F2304608006	LANDMARK	WA	Field Measurements	07/26/2023 10:03	07/26/2023 13:45	6	NA
F2304608006	LANDMARK	WA	SM 10200 H	07/26/2023 10:03	07/26/2023 13:45	2	NA
F2304608006	LANDMARK	WA	SM 4500NO3-F (Low Level)	07/26/2023 10:03	07/26/2023 13:45	3	NA
F2304608007	LANDMARK_DUP	WA	Calculation	07/26/2023 10:07	07/26/2023 13:45	1	NA
F2304608007	LANDMARK_DUP	WA	DISRES	07/26/2023 10:07	07/26/2023 13:45	3	NA
F2304608007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 10:07	07/26/2023 13:45	1	NA
F2304608007	LANDMARK_DUP	WA	EPA 180.1	07/26/2023 10:07	07/26/2023 13:45	1	NA
F2304608007	LANDMARK_DUP	WA	EPA 351.2	07/26/2023 10:07	07/26/2023 13:45	1	NA
F2304608007	LANDMARK_DUP	WA	EPA 365.3	07/26/2023 10:07	07/26/2023 13:45	1	NA
F2304608007	LANDMARK_DUP	WA	Field Measurements	07/26/2023 10:07	07/26/2023 13:45	6	NA
F2304608007	LANDMARK_DUP	WA	SM 10200 H	07/26/2023 10:07	07/26/2023 13:45	2	NA
F2304608007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	07/26/2023 10:07	07/26/2023 13:45	3	NA
F2304608008	HC_CENTER	WA	Calculation	07/26/2023 10:16	07/26/2023 13:45	1	NA
F2304608008	HC_CENTER	WA	DISRES	07/26/2023 10:16	07/26/2023 13:45	3	NA
F2304608008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 10:16	07/26/2023 13:45	1	NA
F2304608008	HC_CENTER	WA	EPA 180.1	07/26/2023 10:16	07/26/2023 13:45	1	NA
F2304608008	HC_CENTER	WA	EPA 351.2	07/26/2023 10:16	07/26/2023 13:45	1	NA

Wednesday, August 16, 2023 7:35:25 AM
 Dates and times are displayed using (-04:00)
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Workorder: MARCO July (F2304608)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2304608008	HC_CENTER	WA	EPA 365.3	07/26/2023 10:16	07/26/2023 13:45	1	NA
F2304608008	HC_CENTER	WA	Field Measurements	07/26/2023 10:16	07/26/2023 13:45	6	NA
F2304608008	HC_CENTER	WA	SM 10200 H	07/26/2023 10:16	07/26/2023 13:45	2	NA
F2304608008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	07/26/2023 10:16	07/26/2023 13:45	3	NA
F2304608009	SWALLOW	WA	Calculation	07/26/2023 10:29	07/26/2023 13:45	1	NA
F2304608009	SWALLOW	WA	DISRES	07/26/2023 10:29	07/26/2023 13:45	3	NA
F2304608009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 10:29	07/26/2023 13:45	1	NA
F2304608009	SWALLOW	WA	EPA 180.1	07/26/2023 10:29	07/26/2023 13:45	1	NA
F2304608009	SWALLOW	WA	EPA 351.2	07/26/2023 10:29	07/26/2023 13:45	1	NA
F2304608009	SWALLOW	WA	EPA 365.3	07/26/2023 10:29	07/26/2023 13:45	1	NA
F2304608009	SWALLOW	WA	Field Measurements	07/26/2023 10:29	07/26/2023 13:45	6	NA
F2304608009	SWALLOW	WA	SM 10200 H	07/26/2023 10:29	07/26/2023 13:45	2	NA
F2304608009	SWALLOW	WA	SM 4500NO3-F (Low Level)	07/26/2023 10:29	07/26/2023 13:45	3	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	Calculation	07/26/2023 10:42	07/26/2023 13:45	1	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	DISRES	07/26/2023 10:42	07/26/2023 13:45	3	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 10:42	07/26/2023 13:45	1	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	07/26/2023 10:42	07/26/2023 13:45	1	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	07/26/2023 10:42	07/26/2023 13:45	1	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	07/26/2023 10:42	07/26/2023 13:45	1	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	07/26/2023 10:42	07/26/2023 13:45	6	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	07/26/2023 10:42	07/26/2023 13:45	2	NA
F2304608010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	07/26/2023 10:42	07/26/2023 13:45	3	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	Calculation	07/26/2023 10:51	07/26/2023 13:45	1	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	DISRES	07/26/2023 10:51	07/26/2023 13:45	3	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 10:51	07/26/2023 13:45	1	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	07/26/2023 10:51	07/26/2023 13:45	1	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	07/26/2023 10:51	07/26/2023 13:45	1	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	07/26/2023 10:51	07/26/2023 13:45	1	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	07/26/2023 10:51	07/26/2023 13:45	6	NA
F2304608011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	07/26/2023 10:51	07/26/2023 13:45	2	NA

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Workorder: MARCO July (F2304608)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2304608011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	07/26/2023 10:51	07/26/2023 13:45	3	NA
F2304608012	MCILVAINE	WA	Calculation	07/26/2023 11:01	07/26/2023 13:45	1	NA
F2304608012	MCILVAINE	WA	DISRES	07/26/2023 11:01	07/26/2023 13:45	3	NA
F2304608012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	07/26/2023 11:01	07/26/2023 13:45	1	NA
F2304608012	MCILVAINE	WA	EPA 180.1	07/26/2023 11:01	07/26/2023 13:45	1	NA
F2304608012	MCILVAINE	WA	EPA 351.2	07/26/2023 11:01	07/26/2023 13:45	1	NA
F2304608012	MCILVAINE	WA	EPA 365.3	07/26/2023 11:01	07/26/2023 13:45	1	NA
F2304608012	MCILVAINE	WA	Field Measurements	07/26/2023 11:01	07/26/2023 13:45	6	NA
F2304608012	MCILVAINE	WA	SM 10200 H	07/26/2023 11:01	07/26/2023 13:45	2	NA
F2304608012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	07/26/2023 11:01	07/26/2023 13:45	3	NA
F2304608013	HUMMINGBIRD	WA	Calculation	07/26/2023 11:19	07/26/2023 13:45	1	NA
F2304608013	HUMMINGBIRD	WA	DISRES	07/26/2023 11:19	07/26/2023 13:45	3	NA
F2304608013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	07/26/2023 11:19	07/26/2023 13:45	1	NA
F2304608013	HUMMINGBIRD	WA	EPA 180.1	07/26/2023 11:19	07/26/2023 13:45	1	NA
F2304608013	HUMMINGBIRD	WA	EPA 351.2	07/26/2023 11:19	07/26/2023 13:45	1	NA
F2304608013	HUMMINGBIRD	WA	EPA 365.3	07/26/2023 11:19	07/26/2023 13:45	1	NA
F2304608013	HUMMINGBIRD	WA	Field Measurements	07/26/2023 11:19	07/26/2023 13:45	6	NA
F2304608013	HUMMINGBIRD	WA	SM 10200 H	07/26/2023 11:19	07/26/2023 13:45	2	NA
F2304608013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	07/26/2023 11:19	07/26/2023 13:45	3	NA
F2304608014	HOLLYHOCK	WA	Calculation	07/26/2023 11:28	07/26/2023 13:45	1	NA
F2304608014	HOLLYHOCK	WA	DISRES	07/26/2023 11:28	07/26/2023 13:45	3	NA
F2304608014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	07/26/2023 11:28	07/26/2023 13:45	1	NA
F2304608014	HOLLYHOCK	WA	EPA 180.1	07/26/2023 11:28	07/26/2023 13:45	1	NA
F2304608014	HOLLYHOCK	WA	EPA 351.2	07/26/2023 11:28	07/26/2023 13:45	1	NA
F2304608014	HOLLYHOCK	WA	EPA 365.3	07/26/2023 11:28	07/26/2023 13:45	1	NA
F2304608014	HOLLYHOCK	WA	Field Measurements	07/26/2023 11:28	07/26/2023 13:45	6	NA
F2304608014	HOLLYHOCK	WA	SM 10200 H	07/26/2023 11:28	07/26/2023 13:45	2	NA
F2304608014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	07/26/2023 11:28	07/26/2023 13:45	3	NA
F2304608015	WINDMILL	WA	Calculation	07/26/2023 11:36	07/26/2023 13:45	1	NA
F2304608015	WINDMILL	WA	DISRES	07/26/2023 11:36	07/26/2023 13:45	3	NA
F2304608015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	07/26/2023 11:36	07/26/2023 13:45	1	NA
F2304608015	WINDMILL	WA	EPA 180.1	07/26/2023 11:36	07/26/2023 13:45	1	NA
F2304608015	WINDMILL	WA	EPA 351.2	07/26/2023 11:36	07/26/2023 13:45	1	NA

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Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2304608015	WINDMILL	WA	EPA 365.3	07/26/2023 11:36	07/26/2023 13:45	1	NA
F2304608015	WINDMILL	WA	Field Measurements	07/26/2023 11:36	07/26/2023 13:45	6	NA
F2304608015	WINDMILL	WA	SM 10200 H	07/26/2023 11:36	07/26/2023 13:45	2	NA
F2304608015	WINDMILL	WA	SM 4500NO3-F (Low Level)	07/26/2023 11:36	07/26/2023 13:45	3	NA
F2304608016	EQUIPMENT_BLANK	WA	Calculation	07/26/2023 11:40	07/26/2023 13:45	1	NA
F2304608016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 11:40	07/26/2023 13:45	1	NA
F2304608016	EQUIPMENT_BLANK	WA	EPA 180.1	07/26/2023 11:40	07/26/2023 13:45	1	NA
F2304608016	EQUIPMENT_BLANK	WA	EPA 351.2	07/26/2023 11:40	07/26/2023 13:45	1	NA
F2304608016	EQUIPMENT_BLANK	WA	EPA 365.3	07/26/2023 11:40	07/26/2023 13:45	1	NA
F2304608016	EQUIPMENT_BLANK	WA	SM 10200 H	07/26/2023 11:40	07/26/2023 13:45	2	NA
F2304608016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	07/26/2023 11:40	07/26/2023 13:45	3	NA
F2304608017	EAST_RIVER_MARKER_3	WA	Calculation	07/26/2023 08:20	07/26/2023 13:45	1	NA
F2304608017	EAST_RIVER_MARKER_3	WA	DISRES	07/26/2023 08:20	07/26/2023 13:45	3	NA
F2304608017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 08:20	07/26/2023 13:45	1	NA
F2304608017	EAST_RIVER_MARKER_3	WA	EPA 180.1	07/26/2023 08:20	07/26/2023 13:45	1	NA
F2304608017	EAST_RIVER_MARKER_3	WA	EPA 351.2	07/26/2023 08:20	07/26/2023 13:45	1	NA
F2304608017	EAST_RIVER_MARKER_3	WA	EPA 365.3	07/26/2023 08:20	07/26/2023 13:45	1	NA
F2304608017	EAST_RIVER_MARKER_3	WA	Field Measurements	07/26/2023 08:20	07/26/2023 13:45	6	NA
F2304608017	EAST_RIVER_MARKER_3	WA	SM 10200 H	07/26/2023 08:20	07/26/2023 13:45	2	NA
F2304608017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	07/26/2023 08:20	07/26/2023 13:45	3	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	Calculation	07/26/2023 08:01	07/26/2023 13:45	1	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	DISRES	07/26/2023 08:01	07/26/2023 13:45	3	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 08:01	07/26/2023 13:45	1	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	07/26/2023 08:01	07/26/2023 13:45	1	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	07/26/2023 08:01	07/26/2023 13:45	1	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	07/26/2023 08:01	07/26/2023 13:45	1	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	Field Measurements	07/26/2023 08:01	07/26/2023 13:45	6	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	07/26/2023 08:01	07/26/2023 13:45	2	NA
F2304608018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	07/26/2023 08:01	07/26/2023 13:45	3	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	Calculation	07/26/2023 07:37	07/26/2023 13:45	1	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	DISRES	07/26/2023 07:37	07/26/2023 13:45	3	NA

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Workorder: MARCO July (F2304608)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2304608019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 07:37	07/26/2023 13:45	1	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	07/26/2023 07:37	07/26/2023 13:45	1	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	07/26/2023 07:37	07/26/2023 13:45	1	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	07/26/2023 07:37	07/26/2023 13:45	1	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	Field Measurements	07/26/2023 07:37	07/26/2023 13:45	6	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	07/26/2023 07:37	07/26/2023 13:45	2	NA
F2304608019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	07/26/2023 07:37	07/26/2023 13:45	3	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	Calculation	07/26/2023 07:50	07/26/2023 13:45	1	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	DISRES	07/26/2023 07:50	07/26/2023 13:45	3	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	07/26/2023 07:50	07/26/2023 13:45	1	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	07/26/2023 07:50	07/26/2023 13:45	1	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	07/26/2023 07:50	07/26/2023 13:45	1	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	07/26/2023 07:50	07/26/2023 13:45	1	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	Field Measurements	07/26/2023 07:50	07/26/2023 13:45	6	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	07/26/2023 07:50	07/26/2023 13:45	2	NA
F2304608020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	07/26/2023 07:50	07/26/2023 13:45	3	NA

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Workorder: MARCO July (F2304608)

Workorder Summary

Batch Comments

WCAg/12478 - TKN,E351.2 Analysis,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample A2308406002 for TKN were (78%, 66%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample A2308437001 for TKN were (89%, 74%). 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/12480 - TKN,E351.2 Analysis,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample A2308437002 for TKN were (57%, 66%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample A2308437009 for TKN were (52%, 93%). 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.

WCAf/22386 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate for F2304608001 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential bias in this matrix. The affected sample is qualified to indicate matrix interference.

WCAf/22388 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate, Nitrite and NOx for F2304608011 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential bias in this matrix. The affected sample is qualified to indicate matrix interference.

Analysis Results Comments

F2304608001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2304608001-20 were filtered on 7/27/2023 at 16:00

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Workorder: MARCO July (F2304608)

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 July (F2304608)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608001 Date Collected: 07/26/2023 09:02 Matrix: Water								
Sample ID: BARFIELD_BRIDGE Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 09:02	07/26/2023 09:02	F^
Secchi Disc	2.5	meters			1	07/26/2023 09:02	07/26/2023 09:02	F^
Total Depth	2	meters			1	07/26/2023 09:02	07/26/2023 09:02	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56770	umhos/cm			1	07/26/2023 09:02	07/26/2023 09:02	F^
DO Saturation %	59.4	%			1	07/26/2023 09:02	07/26/2023 09:02	F^
Dissolved Oxygen	3.51	mg/L			1	07/26/2023 09:02	07/26/2023 09:02	F^
Salinity	37.53	ppt			1	07/26/2023 09:02	07/26/2023 09:02	F^
Temperature	32.4	°C			1	07/26/2023 09:02	07/26/2023 09:02	F^
pH	8.09	SU			1	07/26/2023 09:02	07/26/2023 09:02	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.357	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.324 I	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.1	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	7.2	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.031	mg/L	0.010	0.0060	1	07/27/2023 10:33	07/27/2023 10:33	T
Nitrate + Nitrite	0.033	mg/L	0.020	0.010	1	07/27/2023 10:33	07/27/2023 10:33	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:33	07/27/2023 10:33	T





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Workorder: MARCO July (F2304608)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Workorder: MARCO July (F2304608)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608002 Date Collected: 07/26/2023 08:48 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 08:48	07/26/2023 08:48	F^
Secchi Disc	2.5	meters			1	07/26/2023 08:48	07/26/2023 08:48	F^
Total Depth	1.5	meters			1	07/26/2023 08:48	07/26/2023 08:48	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56270	umhos/cm			1	07/26/2023 08:48	07/26/2023 08:48	F^
DO Saturation %	55.3	%			1	07/26/2023 08:48	07/26/2023 08:48	F^
Dissolved Oxygen	3.4	mg/L			1	07/26/2023 08:48	07/26/2023 08:48	F^
Salinity	37.17	ppt			1	07/26/2023 08:48	07/26/2023 08:48	F^
Temperature	31.9	°C			1	07/26/2023 08:48	07/26/2023 08:48	F^
pH	7.82	SU			1	07/26/2023 08:48	07/26/2023 08:48	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.165 I	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.6	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.027	mg/L	0.010	0.0060	1	07/27/2023 10:35	07/27/2023 10:35	T
Nitrate + Nitrite	0.026	mg/L	0.020	0.010	1	07/27/2023 10:35	07/27/2023 10:35	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:35	07/27/2023 10:35	T





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Analytical Results

Lab ID: F2304608003 **Date Collected:** 07/26/2023 09:26 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 07/26/2023 13:45

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 09:26	07/26/2023 09:26	F^
Secchi Disc	2.5	meters			1	07/26/2023 09:26	07/26/2023 09:26	F^
Total Depth	3.5	meters			1	07/26/2023 09:26	07/26/2023 09:26	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56361	umhos/cm			1	07/26/2023 09:26	07/26/2023 09:26	F^
DO Saturation %	66	%			1	07/26/2023 09:26	07/26/2023 09:26	F^
Dissolved Oxygen	3.8	mg/L			1	07/26/2023 09:26	07/26/2023 09:26	F^
Salinity	37.18	ppt			1	07/26/2023 09:26	07/26/2023 09:26	F^
Temperature	33	°C			1	07/26/2023 09:26	07/26/2023 09:26	F^
pH	8.08	SU			1	07/26/2023 09:26	07/26/2023 09:26	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.1	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:36	07/27/2023 10:36	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:36	07/27/2023 10:36	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:36	07/27/2023 10:36	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608004 Date Collected: 07/26/2023 09:41 Matrix: Water								
Sample ID: KENDALL Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 09:41	07/26/2023 09:41	F^
Secchi Disc	2	meters			1	07/26/2023 09:41	07/26/2023 09:41	F^
Total Depth	3	meters			1	07/26/2023 09:41	07/26/2023 09:41	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56140	umhos/cm			1	07/26/2023 09:41	07/26/2023 09:41	F^
DO Saturation %	64.8	%			1	07/26/2023 09:41	07/26/2023 09:41	F^
Dissolved Oxygen	3.91	mg/L			1	07/26/2023 09:41	07/26/2023 09:41	F^
Salinity	37.03	ppt			1	07/26/2023 09:41	07/26/2023 09:41	F^
Temperature	32.8	°C			1	07/26/2023 09:41	07/26/2023 09:41	F^
pH	8.08	SU			1	07/26/2023 09:41	07/26/2023 09:41	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.6	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.037	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	8.8	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:36	07/27/2023 10:36	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:36	07/27/2023 10:36	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:36	07/27/2023 10:36	T





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Workorder: MARCO July (F2304608)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608005 Date Collected: 07/26/2023 09:51 Matrix: Water								
Sample ID: COLLIER_BRIDGE Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 09:51	07/26/2023 09:51	F^
Secchi Disc	3	meters			1	07/26/2023 09:51	07/26/2023 09:51	F^
Total Depth	0.3	meters			1	07/26/2023 09:51	07/26/2023 09:51	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	55729	umhos/cm			1	07/26/2023 09:51	07/26/2023 09:51	F^
DO Saturation %	48.1	%			1	07/26/2023 09:51	07/26/2023 09:51	F^
Dissolved Oxygen	2.78	mg/L			1	07/26/2023 09:51	07/26/2023 09:51	F^
Salinity	36.75	ppt			1	07/26/2023 09:51	07/26/2023 09:51	F^
Temperature	33	°C			1	07/26/2023 09:51	07/26/2023 09:51	F^
pH	8.01	SU			1	07/26/2023 09:51	07/26/2023 09:51	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.248	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.248 I	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.9	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.032	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0070 I	mg/L	0.010	0.0060	1	07/27/2023 10:37	07/27/2023 10:37	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:37	07/27/2023 10:37	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:37	07/27/2023 10:37	T





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Workorder: MARCO July (F2304608)

Analytical Results

Lab ID: F2304608006 **Date Collected:** 07/26/2023 10:03 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 07/26/2023 13:45

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 10:03	07/26/2023 10:03	F^
Secchi Disc	2.5	meters			1	07/26/2023 10:03	07/26/2023 10:03	F^
Total Depth	2.5	meters			1	07/26/2023 10:03	07/26/2023 10:03	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	55999	umhos/cm			1	07/26/2023 10:03	07/26/2023 10:03	F^
DO Saturation %	58.6	%			1	07/26/2023 10:03	07/26/2023 10:03	F^
Dissolved Oxygen	2.9	mg/L			1	07/26/2023 10:03	07/26/2023 10:03	F^
Salinity	37.01	ppt			1	07/26/2023 10:03	07/26/2023 10:03	F^
Temperature	32.9	°C			1	07/26/2023 10:03	07/26/2023 10:03	F^
pH	7.82	SU			1	07/26/2023 10:03	07/26/2023 10:03	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.226	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.50	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.040	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.043	mg/L	0.010	0.0060	1	07/27/2023 10:38	07/27/2023 10:38	T
Nitrate + Nitrite	0.047	mg/L	0.020	0.010	1	07/27/2023 10:38	07/27/2023 10:38	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:38	07/27/2023 10:38	T





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Workorder: MARCO July (F2304608)

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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608007 Date Collected: 07/26/2023 10:07 Matrix: Water								
Sample ID: LANDMARK_DUP Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 10:07	07/26/2023 10:07	F^
Secchi Disc	2.5	meters			1	07/26/2023 10:07	07/26/2023 10:07	F^
Total Depth	2.5	meters			1	07/26/2023 10:07	07/26/2023 10:07	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56630	umhos/cm			1	07/26/2023 10:07	07/26/2023 10:07	F^
DO Saturation %	61.4	%			1	07/26/2023 10:07	07/26/2023 10:07	F^
Dissolved Oxygen	3.8	mg/L			1	07/26/2023 10:07	07/26/2023 10:07	F^
Salinity	37.39	ppt			1	07/26/2023 10:07	07/26/2023 10:07	F^
Temperature	32.9	°C			1	07/26/2023 10:07	07/26/2023 10:07	F^
pH	8.07	SU			1	07/26/2023 10:07	07/26/2023 10:07	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.47	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.040	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.044	mg/L	0.010	0.0060	1	07/27/2023 10:39	07/27/2023 10:39	T
Nitrate + Nitrite	0.048	mg/L	0.020	0.010	1	07/27/2023 10:39	07/27/2023 10:39	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:39	07/27/2023 10:39	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608008 Date Collected: 07/26/2023 10:16 Matrix: Water								
Sample ID: HC_CENTER Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 10:16	07/26/2023 10:16	F^
Secchi Disc	2	meters			1	07/26/2023 10:16	07/26/2023 10:16	F^
Total Depth	2.5	meters			1	07/26/2023 10:16	07/26/2023 10:16	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	55201	umhos/cm			1	07/26/2023 10:16	07/26/2023 10:16	F^
DO Saturation %	57.8	%			1	07/26/2023 10:16	07/26/2023 10:16	F^
Dissolved Oxygen	3.56	mg/L			1	07/26/2023 10:16	07/26/2023 10:16	F^
Salinity	36.46	ppt			1	07/26/2023 10:16	07/26/2023 10:16	F^
Temperature	33	°C			1	07/26/2023 10:16	07/26/2023 10:16	F^
pH	8.07	SU			1	07/26/2023 10:16	07/26/2023 10:16	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.227	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.227 I	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 00:00	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.7	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:39	07/27/2023 10:39	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:39	07/27/2023 10:39	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:39	07/27/2023 10:39	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608009 Date Collected: 07/26/2023 10:29 Matrix: Water								
Sample ID: SWALLOW Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 10:29	07/26/2023 10:29	F^
Secchi Disc	2.5	meters			1	07/26/2023 10:29	07/26/2023 10:29	F^
Total Depth	0.3	meters			1	07/26/2023 10:29	07/26/2023 10:29	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56136	umhos/cm			1	07/26/2023 10:29	07/26/2023 10:29	F^
DO Saturation %	58.1	%			1	07/26/2023 10:29	07/26/2023 10:29	F^
Dissolved Oxygen	3.41	mg/L			1	07/26/2023 10:29	07/26/2023 10:29	F^
Salinity	37.05	ppt			1	07/26/2023 10:29	07/26/2023 10:29	F^
Temperature	33.2	°C			1	07/26/2023 10:29	07/26/2023 10:29	F^
pH	7.91	SU			1	07/26/2023 10:29	07/26/2023 10:29	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.239	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.2171	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.1	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.030	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.019	mg/L	0.010	0.0060	1	07/27/2023 10:40	07/27/2023 10:40	T
Nitrate + Nitrite	0.022	mg/L	0.020	0.010	1	07/27/2023 10:40	07/27/2023 10:40	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:40	07/27/2023 10:40	T





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Analytical Results

Lab ID: F2304608010	Date Collected: 07/26/2023 10:42	Matrix: Water
Sample ID: W_WINTERBERRY_BRID GE	Date Received: 07/26/2023 13:45	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 10:42	07/26/2023 10:42	F^
Secchi Disc	2	meters			1	07/26/2023 10:42	07/26/2023 10:42	F^
Total Depth	0.3	meters			1	07/26/2023 10:42	07/26/2023 10:42	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56723	umhos/cm			1	07/26/2023 10:42	07/26/2023 10:42	F^
DO Saturation %	68.1	%			1	07/26/2023 10:42	07/26/2023 10:42	F^
Dissolved Oxygen	3.94	mg/L			1	07/26/2023 10:42	07/26/2023 10:42	F^
Salinity	37.5	ppt			1	07/26/2023 10:42	07/26/2023 10:42	F^
Temperature	32.9	°C			1	07/26/2023 10:42	07/26/2023 10:42	F^
pH	8.05	SU			1	07/26/2023 10:42	07/26/2023 10:42	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.261	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.261 I	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.2	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.043	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	5.6	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0070 I	mg/L	0.010	0.0060	1	07/27/2023 10:41	07/27/2023 10:41	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:41	07/27/2023 10:41	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:41	07/27/2023 10:41	T





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Workorder: MARCO July (F2304608)

Analytical Results

Lab ID: F2304608011 **Date Collected:** 07/26/2023 10:51 **Matrix:** Water
Sample ID: E_WINTERBERRY_BRID **Date Received:** 07/26/2023 13:45
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 10:51	07/26/2023 10:51	F^
Secchi Disc	2.5	meters			1	07/26/2023 10:51	07/26/2023 10:51	F^
Total Depth	2.5	meters			1	07/26/2023 10:51	07/26/2023 10:51	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56884	umhos/cm			1	07/26/2023 10:51	07/26/2023 10:51	F^
DO Saturation %	56.5	%			1	07/26/2023 10:51	07/26/2023 10:51	F^
Dissolved Oxygen	3.34	mg/L			1	07/26/2023 10:51	07/26/2023 10:51	F^
Salinity	37.58	ppt			1	07/26/2023 10:51	07/26/2023 10:51	F^
Temperature	32.9	°C			1	07/26/2023 10:51	07/26/2023 10:51	F^
pH	8.02	SU			1	07/26/2023 10:51	07/26/2023 10:51	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.137 I	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.2	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.024	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:48	07/27/2023 10:48	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:48	07/27/2023 10:48	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:48	07/27/2023 10:48	T





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Workorder: MARCO July (F2304608)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

Nitrite (as N)

J4|Estimated Result

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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608012 Date Collected: 07/26/2023 11:01 Matrix: Water								
Sample ID: MCILVAINE Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 11:01	07/26/2023 11:01	F^
Secchi Disc	2	meters			1	07/26/2023 11:01	07/26/2023 11:01	F^
Total Depth	2.5	meters			1	07/26/2023 11:01	07/26/2023 11:01	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56964	umhos/cm			1	07/26/2023 11:01	07/26/2023 11:01	F^
DO Saturation %	51.8	%			1	07/26/2023 11:01	07/26/2023 11:01	F^
Dissolved Oxygen	3.16	mg/L			1	07/26/2023 11:01	07/26/2023 11:01	F^
Salinity	37.67	ppt			1	07/26/2023 11:01	07/26/2023 11:01	F^
Temperature	32.5	°C			1	07/26/2023 11:01	07/26/2023 11:01	F^
pH	8.07	SU			1	07/26/2023 11:01	07/26/2023 11:01	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	12	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.032	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0080 I	mg/L	0.010	0.0060	1	07/27/2023 10:51	07/27/2023 10:51	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:51	07/27/2023 10:51	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:51	07/27/2023 10:51	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608013 Date Collected: 07/26/2023 11:19 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 11:19	07/26/2023 11:19	F^
Secchi Disc	2.5	meters			1	07/26/2023 11:19	07/26/2023 11:19	F^
Total Depth	0.3	meters			1	07/26/2023 11:19	07/26/2023 11:19	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56012	umhos/cm			1	07/26/2023 11:19	07/26/2023 11:19	F^
DO Saturation %	52.5	%			1	07/26/2023 11:19	07/26/2023 11:19	F^
Dissolved Oxygen	3.21	mg/L			1	07/26/2023 11:19	07/26/2023 11:19	F^
Salinity	36.92	ppt			1	07/26/2023 11:19	07/26/2023 11:19	F^
Temperature	32.9	°C			1	07/26/2023 11:19	07/26/2023 11:19	F^
pH	8.03	SU			1	07/26/2023 11:19	07/26/2023 11:19	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.180 I	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.2	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.027	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	4.3	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:51	07/27/2023 10:51	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:51	07/27/2023 10:51	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:51	07/27/2023 10:51	T





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Lab ID: F2304608014 **Date Collected:** 07/26/2023 11:28 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 07/26/2023 13:45

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 11:28	07/26/2023 11:28	F^
Secchi Disc	3	meters			1	07/26/2023 11:28	07/26/2023 11:28	F^
Total Depth	0.3	meters			1	07/26/2023 11:28	07/26/2023 11:28	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	57570	umhos/cm			1	07/26/2023 11:28	07/26/2023 11:28	F^
DO Saturation %	58.6	%			1	07/26/2023 11:28	07/26/2023 11:28	F^
Dissolved Oxygen	3.62	mg/L			1	07/26/2023 11:28	07/26/2023 11:28	F^
Salinity	38.11	ppt			1	07/26/2023 11:28	07/26/2023 11:28	F^
Temperature	32.4	°C			1	07/26/2023 11:28	07/26/2023 11:28	F^
pH	7.95	SU			1	07/26/2023 11:28	07/26/2023 11:28	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.208	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.208 I	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.8	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.024	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.6 I	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:52	07/27/2023 10:52	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:52	07/27/2023 10:52	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:52	07/27/2023 10:52	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608015 Date Collected: 07/26/2023 11:36 Matrix: Water								
Sample ID: WINDMILL Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 11:36	07/26/2023 11:36	F^
Secchi Disc	2.5	meters			1	07/26/2023 11:36	07/26/2023 11:36	F^
Total Depth	3.5	meters			1	07/26/2023 11:36	07/26/2023 11:36	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56727	umhos/cm			1	07/26/2023 11:36	07/26/2023 11:36	F^
DO Saturation %	73.5	%			1	07/26/2023 11:36	07/26/2023 11:36	F^
Dissolved Oxygen	4.35	mg/L			1	07/26/2023 11:36	07/26/2023 11:36	F^
Salinity	37.48	ppt			1	07/26/2023 11:36	07/26/2023 11:36	F^
Temperature	32.7	°C			1	07/26/2023 11:36	07/26/2023 11:36	F^
pH	8.12	SU			1	07/26/2023 11:36	07/26/2023 11:36	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.217	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.4	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.035	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.7 I	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.060	mg/L	0.010	0.0060	1	07/27/2023 10:53	07/27/2023 10:53	T
Nitrate + Nitrite	0.060	mg/L	0.020	0.010	1	07/27/2023 10:53	07/27/2023 10:53	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:53	07/27/2023 10:53	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608016 Date Collected: 07/26/2023 11:40 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 07/26/2023 13:45								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.407	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.360 I	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.47	NTU	0.10	0.10	1	07/27/2023 12:44	07/27/2023 12:44	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.047	mg/L	0.010	0.0060	1	07/27/2023 10:54	07/27/2023 10:54	T
Nitrate + Nitrite	0.047	mg/L	0.020	0.010	1	07/27/2023 10:54	07/27/2023 10:54	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:54	07/27/2023 10:54	T





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Workorder: MARCO July (F2304608)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608017 Date Collected: 07/26/2023 08:20 Matrix: Water								
Sample ID: EAST_RIVER_MARKER_3 Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 08:20	07/26/2023 08:20	F^
Secchi Disc	2.5	meters			1	07/26/2023 08:20	07/26/2023 08:20	F^
Total Depth	2.3	meters			1	07/26/2023 08:20	07/26/2023 08:20	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56405	umhos/cm			1	07/26/2023 08:20	07/26/2023 08:20	F^
DO Saturation %	75.1	%			1	07/26/2023 08:20	07/26/2023 08:20	F^
Dissolved Oxygen	4.5	mg/L			1	07/26/2023 08:20	07/26/2023 08:20	F^
Salinity	37.29	ppt			1	07/26/2023 08:20	07/26/2023 08:20	F^
Temperature	31.9	°C			1	07/26/2023 08:20	07/26/2023 08:20	F^
pH	8.14	SU			1	07/26/2023 08:20	07/26/2023 08:20	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 10:30	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.2	NTU	0.10	0.10	1	07/27/2023 12:46	07/27/2023 12:46	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	4.6	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.013	mg/L	0.010	0.0060	1	07/27/2023 10:54	07/27/2023 10:54	T
Nitrate + Nitrite	0.014 I	mg/L	0.020	0.010	1	07/27/2023 10:54	07/27/2023 10:54	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:54	07/27/2023 10:54	T





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Analytical Results

Lab ID: F2304608018 **Date Collected:** 07/26/2023 08:01 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 07/26/2023 13:45
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 08:01	07/26/2023 08:01	F^
Secchi Disc	2.5	meters			1	07/26/2023 08:01	07/26/2023 08:01	F^
Total Depth	6.8	meters			1	07/26/2023 08:01	07/26/2023 08:01	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56246	umhos/cm			1	07/26/2023 08:01	07/26/2023 08:01	F^
DO Saturation %	76	%			1	07/26/2023 08:01	07/26/2023 08:01	F^
Dissolved Oxygen	4.61	mg/L			1	07/26/2023 08:01	07/26/2023 08:01	F^
Salinity	37.14	ppt			1	07/26/2023 08:01	07/26/2023 08:01	F^
Temperature	32.1	°C			1	07/26/2023 08:01	07/26/2023 08:01	F^
pH	8.11	SU			1	07/26/2023 08:01	07/26/2023 08:01	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:29	07/26/2023 15:29	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.150 I	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 00:00	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	6.8	NTU	0.10	0.10	1	07/27/2023 12:46	07/27/2023 12:46	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	07/27/2023 10:55	07/27/2023 10:55	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:55	07/27/2023 10:55	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:55	07/27/2023 10:55	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608019 Date Collected: 07/26/2023 07:37 Matrix: Water								
Sample ID: CAPRI_PASS_MARKER_2 Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 07:37	07/26/2023 07:37	F^
Secchi Disc	2.5	meters			1	07/26/2023 07:37	07/26/2023 07:37	F^
Total Depth	5.6	meters			1	07/26/2023 07:37	07/26/2023 07:37	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56202	umhos/cm			1	07/26/2023 07:37	07/26/2023 07:37	F^
DO Saturation %	82.2	%			1	07/26/2023 07:37	07/26/2023 07:37	F^
Dissolved Oxygen	4.9	mg/L			1	07/26/2023 07:37	07/26/2023 07:37	F^
Salinity	37.1	ppt			1	07/26/2023 07:37	07/26/2023 07:37	F^
Temperature	32.1	°C			1	07/26/2023 07:37	07/26/2023 07:37	F^
pH	7.93	SU			1	07/26/2023 07:37	07/26/2023 07:37	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:34	07/26/2023 15:34	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 00:00	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.3	NTU	0.10	0.10	1	07/27/2023 12:46	07/27/2023 12:46	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0090 I	mg/L	0.010	0.0060	1	07/27/2023 10:56	07/27/2023 10:56	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:56	07/27/2023 10:56	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:56	07/27/2023 10:56	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2304608020 Date Collected: 07/26/2023 07:50 Matrix: Water								
Sample ID: CAPRI_PASS_MARKER_4 Date Received: 07/26/2023 13:45								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	07/26/2023 07:50	07/26/2023 07:50	F^
Secchi Disc	2.5	meters			1	07/26/2023 07:50	07/26/2023 07:50	F^
Total Depth	2.2	meters			1	07/26/2023 07:50	07/26/2023 07:50	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56238	umhos/cm			1	07/26/2023 07:50	07/26/2023 07:50	F^
DO Saturation %	79.5	%			1	07/26/2023 07:50	07/26/2023 07:50	F^
Dissolved Oxygen	4.79	mg/L			1	07/26/2023 07:50	07/26/2023 07:50	F^
Salinity	37.13	ppt			1	07/26/2023 07:50	07/26/2023 07:50	F^
Temperature	32.2	°C			1	07/26/2023 07:50	07/26/2023 07:50	F^
pH	8.09	SU			1	07/26/2023 07:50	07/26/2023 07:50	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	07/26/2023 15:34	07/26/2023 15:34	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	08/16/2023 07:31	08/16/2023 07:31	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	08/09/2023 13:13	08/10/2023 00:00	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	7.3	NTU	0.10	0.10	1	07/27/2023 12:46	07/27/2023 12:46	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	08/03/2023 10:10	08/03/2023 16:30	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	07/31/2023 13:35	07/31/2023 13:35	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0080 I	mg/L	0.010	0.0060	1	07/27/2023 10:57	07/27/2023 10:57	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	07/27/2023 10:57	07/27/2023 10:57	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	07/27/2023 10:57	07/27/2023 10:57	T





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Workorder: MARCO July (F2304608)

Analytical Results

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Workorder: MARCO July (F2304608)

QC Results

QC Batch: WCAg/12342 **Analysis Method:** EPA 365.3
Preparation Method: EPA 365.3
Associated Lab IDs: F2304608001, F2304608002, F2304608003, F2304608004, F2304608005, F2304608006, F2304608007, F2304608008, F2304608009, F2304608010, F2304608011, F2304608012, F2304608013, F2304608014, F2304608015, F2304608016, F2304608017, F2304608018, F2304608019, F2304608020

Method Blank(4898296)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	G

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Workorder: MARCO July (F2304608)

QC Results

QC Batch: WCAg/12478 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2304608001, F2304608002, F2304608003, F2304608004, F2304608005, F2304608006, F2304608007, F2304608009, F2304608010, F2304608011, F2304608012, F2304608013, F2304608014, F2304608015, F2304608016, F2304608017

Method Blank(4906413)

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





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Workorder: MARCO July (F2304608)

QC Results

QC Batch: WCAg/12479 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2304608001, F2304608002, F2304608003, F2304608004, F2304608005, F2304608006, F2304608007, F2304608009, F2304608010, F2304608011, F2304608012, F2304608013, F2304608014, F2304608015, F2304608016, F2304608017

Method Blank(4906414)

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

Wednesday, August 16, 2023 7:35:25 AM
 Dates and times are displayed using (-04:00)
 Page 56 of 76

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Workorder: MARCO July (F2304608)

QC Results

QC Batch: WCAg/12480 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2304608008, F2304608018, F2304608019, F2304608020

Method Blank(4906541)

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





FINAL

Workorder: MARCO July (F2304608)

QC Results

QC Batch: WCAg/12481 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2304608008, F2304608018, F2304608019, F2304608020

Method Blank(4906542)

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

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Workorder: MARCO July (F2304608)

QC Results

QC Batch: WCAI/22386 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2304608001, F2304608002, F2304608003, F2304608004, F2304608005, F2304608006, F2304608007, F2304608008, F2304608009, F2304608010

Method Blank(4888719)

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 July (F2304608)

QC Results

QC Batch: WCA1/22388 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2304608011, F2304608012, F2304608013, F2304608014, F2304608015, F2304608016, F2304608017, F2304608018, F2304608019, F2304608020

Method Blank(4888736)

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 July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CLCf/1014 - Calculation			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608016	EQUIPMENT_BLANK		
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1058 - Field Measurements			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1059 - DISRES			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/2772 - ENTEROLERT/ QUANTI-TRAY			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608016	EQUIPMENT_BLANK		
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
MICf/2773 - ENTEROLERT/ QUANTI-TRAY			
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/3791 - EPA 180.1			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608016	EQUIPMENT_BLANK		
WCAf/3792 - EPA 180.1			
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/12294 - SM 10200 H			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608016	EQUIPMENT_BLANK		
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/12342 - EPA 365.3			
F2304608001	BARFIELD_BRIDGE	WCAg/12341	EPA 365.3
F2304608002	OLDE_MARCO	WCAg/12341	EPA 365.3
F2304608003	JH_PARK	WCAg/12341	EPA 365.3
F2304608004	KENDALL	WCAg/12341	EPA 365.3
F2304608005	COLLIER_BRIDGE	WCAg/12341	EPA 365.3
F2304608006	LANDMARK	WCAg/12341	EPA 365.3
F2304608007	LANDMARK_DUP	WCAg/12341	EPA 365.3
F2304608008	HC_CENTER	WCAg/12341	EPA 365.3
F2304608009	SWALLOW	WCAg/12341	EPA 365.3
F2304608010	W_WINTERBERRY_BRIDGE	WCAg/12341	EPA 365.3
F2304608011	E_WINTERBERRY_BRIDGE	WCAg/12341	EPA 365.3
F2304608012	MCILVAINE	WCAg/12341	EPA 365.3
F2304608013	HUMMINGBIRD	WCAg/12341	EPA 365.3
F2304608014	HOLLYHOCK	WCAg/12341	EPA 365.3
F2304608015	WINDMILL	WCAg/12341	EPA 365.3
F2304608016	EQUIPMENT_BLANK	WCAg/12341	EPA 365.3
F2304608017	EAST_RIVER_MARKER_3	WCAg/12341	EPA 365.3
F2304608018	MID_CHANNEL_MARKER_12	WCAg/12341	EPA 365.3
F2304608019	CAPRI_PASS_MARKER_2	WCAg/12341	EPA 365.3
F2304608020	CAPRI_PASS_MARKER_4	WCAg/12341	EPA 365.3

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/12478 - EPA 351.2			
F2304608001	BARFIELD_BRIDGE	WCAg/12429	Copper Sulfate Digestion
F2304608002	OLDE_MARCO	WCAg/12429	Copper Sulfate Digestion
F2304608003	JH_PARK	WCAg/12429	Copper Sulfate Digestion
F2304608004	KENDALL	WCAg/12429	Copper Sulfate Digestion
F2304608005	COLLIER_BRIDGE	WCAg/12429	Copper Sulfate Digestion
F2304608006	LANDMARK	WCAg/12429	Copper Sulfate Digestion
F2304608007	LANDMARK_DUP	WCAg/12429	Copper Sulfate Digestion
F2304608009	SWALLOW	WCAg/12429	Copper Sulfate Digestion
F2304608010	W_WINTERBERRY_BRIDGE	WCAg/12429	Copper Sulfate Digestion
F2304608011	E_WINTERBERRY_BRIDGE	WCAg/12429	Copper Sulfate Digestion
F2304608012	MCILVAINE	WCAg/12429	Copper Sulfate Digestion
F2304608013	HUMMINGBIRD	WCAg/12429	Copper Sulfate Digestion
F2304608014	HOLLYHOCK	WCAg/12429	Copper Sulfate Digestion
F2304608015	WINDMILL	WCAg/12429	Copper Sulfate Digestion
F2304608016	EQUIPMENT_BLANK	WCAg/12429	Copper Sulfate Digestion
F2304608017	EAST_RIVER_MARKER_3	WCAg/12429	Copper Sulfate Digestion
WCAg/12480 - EPA 351.2			
F2304608008	HC_CENTER	WCAg/12430	Copper Sulfate Digestion
F2304608018	MID_CHANNEL_MARKER_12	WCAg/12430	Copper Sulfate Digestion
F2304608019	CAPRI_PASS_MARKER_2	WCAg/12430	Copper Sulfate Digestion
F2304608020	CAPRI_PASS_MARKER_4	WCAg/12430	Copper Sulfate Digestion
WCAI/22386 - SM 4500NO3-F (Low Level)			
F2304608001	BARFIELD_BRIDGE		
F2304608002	OLDE_MARCO		
F2304608003	JH_PARK		
F2304608004	KENDALL		
F2304608005	COLLIER_BRIDGE		
F2304608006	LANDMARK		
F2304608007	LANDMARK_DUP		
F2304608008	HC_CENTER		
F2304608009	SWALLOW		
F2304608010	W_WINTERBERRY_BRIDGE		

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Workorder: MARCO July (F2304608)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCA1/22388 - SM 4500NO3-F (Low Level)			
F2304608011	E_WINTERBERRY_BRIDGE		
F2304608012	MCILVAINE		
F2304608013	HUMMINGBIRD		
F2304608014	HOLLYHOCK		
F2304608015	WINDMILL		
F2304608016	EQUIPMENT_BLANK		
F2304608017	EAST_RIVER_MARKER_3		
F2304608018	MID_CHANNEL_MARKER_12		
F2304608019	CAPRI_PASS_MARKER_2		
F2304608020	CAPRI_PASS_MARKER_4		

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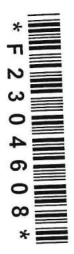
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 Tallahassee, 2559 North Monroe St., Suite D, Ft. 32303-8602, Tallahassee, FL 32303-8602

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- Fort Myers, 13100 Westlinks Terrace, Ste. 10, Ft. Myers, FL 33913-2395
- Jacksonville, 6651 Southpoint Pkwy., Ft. 32216-900, Jacksonville, FL 32216-900
- Tallahassee, 2559 North Monroe St., Suite D, Ft. 32303-8602
- Gainesville, 10000 S.W. 15th St., Ft. 32608-3100, Gainesville, FL 32608-3100
- Miramar, 2600 S.W. 15th St., Miramar, FL 33025-3100
- Tampa, 8

- Gainesville
- Miramar
- Tampa



Page 1 of 2

Client Name: City of Marco Island		Project Name: MARCO		BOTTLE SIZE & TYPE	
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:		125 mL Plastic	
Phone: 239-300-1462		PO Number:		250 mL Plastic	
FAX:		FDEP Facility No.:		1L Amb Plastic	
Contact: Jason Tomasesetti		FDEP Facility Addr.:		100 mL Cup	
Sampled By: P Manard		Special Instructions:		NO2/NO3	
Turn Around Time: Standard X Rush		ADAPT		TKN/TP/TN	
AEL Profile #: 65884		EQUIS		Chlor-A/Turbidity	
SAMPLE ID		Grab Comp		Enterococci	
SAMPLE DESCRIPTION		DATE		LABORATORY I.D. NUMBER	
BARFIELD_BRIDGE		7/26/23		001	
OLDE_MARCO		8:48		002	
JH_PARK		9:26		003	
KENDALL		9:41		004	
COLLIER_BRIDGE		9:51		005	
LANDMARK		10:03		006	
LANDMARK_DUP		10:07		007	
HC_CENTER		10:16		008	
SWALLOW		10:29		009	
W_WINTERBERRY_BRIDGE		10:42		010	

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
 Received on Ice Yes No Temp taken from sample Temp from blank Where required pH checked
 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A
 Temp when received (observed) 3.2 °C Temp when received (corrected) 3.2 °C
 Temp when received (observed) 3.2 °C Temp when received (corrected) 3.2 °C
 Preservation Code: I = Ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

DCN: AD-0051web Form last revised 08/07/2019
 Requisitioned by: WLC Date: 7/26/23 13:45 Received by: [Signature] Date: 7/26/23 13:45

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





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Workorder: MARCO July (F2304608)



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 Fort Myers: 13100 Westlinks Terrace, Ste. 10, Ft. 33913 • 239.674.8130 • Lab ID: E84492
 Jacksonville: 6681 Southport Pkwy., Ft. 32216 • 904.353.5350 • Lab ID: E82574
 Tallahassee: 2639 North Monroe St., Suite D, Ft. 32303 • 850.218.6274 • Lab ID: E811095

F2304608 Page 2 of 2
 Gainesville: 4965 SW 41st Blvd., Ft. 32608 • 352.377.2349 • Lab ID: E82001
 Miami: 10200 USA Today Way, Ft. 33025 • 954.889.2288 • Lab ID: E82535
 Tampa: 6510 Princess Palm Ave., Ft. 33619 • 813.350.9516 • Lab ID: E84589

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	ADAPT:	
Turn Around Time:	Standard X Rush	EQUIS:	
AEI Profile #:	65884	Other:	WIN

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME					
E_WINTERBERRY_BRIDGE		Grab	7/26/23	10:51	SW	4	NO2/NO3	125 mL Plastic	011
	MCILVAINE	Grab		11:01	SW	4	TKN/TP/TN	250 mL Plastic	012
	HUMMINGBIRD	Grab		11:19	SW	4	Chlor-A/Turbidity	1L Amb Plastic	013
	HOLLYHOCK	Grab		11:28	SW	4	Enterococci	100 mL Cup	014
	WINDMILL	Grab		11:36	SW	4			015
	EQUIPMENT_BLANK	Grab		11:40	SW	4			016
	EAST RIVER-MARKER 3	Grab		8:20	SW	4			017
	MID CHANNEL-MARKER 12	Grab		8:01	SW	4			018
	CAPRI PASS-MARKER 2	Grab		7:37	SW	4			019
	CAPRI PASS-MARKER 4	Grab		7:50	SW	4			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
 DCN: 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 °C
 Temp. when received (observed) 3.2 °C Temp. when received (corrected) 3.2 °C
 Temp. when received (observed) 3.2 °C Temp. when received (corrected) 3.2 °C
 Preservation Code: I = (Ice) H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Requisitioned by: *[Signature]* Date: 7/26/23 13:45 Received by: *[Signature]* Date: 7/26/23 13:45

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	9:02	9:03	8:48	8:50	9:26	9:28	9:41	9:43
SAMPLE DEPTH	0.30m top	1.5	0.30m top	1.0	0.30m top	3.0	0.30m top	2.5
TOTAL DEPTH	2	2	1.5	1.5	3.5	3.5	3.0	3.0
TEMP /C	32.4	32.4	31.9	32.0	33.0	33.0	32.8	32.8
D.O. mg / L	3.51	3.91	3.40	3.66	3.80	4.01	3.91	3.93
D.O. % sat.	59.4	66.1	55.3	58.8	66.0	67.9	64.8	66.5
CONDUCTIVITY(umhos)	56770	56946	56270	56505	56361	56336	56140	56178
SALINITY ppt.	37.53	37.65	37.17	37.33	37.18	37.17	37.03	37.06
pH su.	8.09	8.09	7.82	7.98	8.08	8.08	8.08	8.06
SECCHI DEPTH	2	2	1.5	1.5	2.5	2.5	2.0	2.0

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

Authentication

SAMPLED BY: (PRINT) /	MPS / AEL	Sampler's Signature	<i>MPSanford</i>	Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				7/26/23

Advanced Environmental Laboratories, Inc

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

SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP	HC CENTER	HC CENTER
SAMPLE TIME	9:51	9:53	10:03	10:05	10:07	10:09	10:16	10:18
SAMPLE DEPTH	0.30m top	2.5	0.30m top	2.0	0.30m top	2.0	0.30m top	2.0
TOTAL DEPTH	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5
TEMP /C	33.0	33.2	32.9	32.9	32.9	32.9	33.0	33.1
D.O. mg / L	2.78	2.97	2.90	3.91	3.80	3.81	3.56	3.23
D.O. % sat.	48.1	47.8	58.6	66.2	61.40	62.60	57.80	53.2
CONDUCTIVITY(umhos)	55729	55924	55999	56635	56630	56649	55201	55389
SALINITY ppt.	36.75	36.84	37.01	37.40	37.39	37.41	36.46	36.45
pH su.	8.01	8.03	7.82	8.08	8.07	8.08	8.07	8.05
SECCHI DEPTH	3.0	3.0	2.5	2.5	2.5	2.5	2.0	2.0

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

Authentication

SAMPLED BY: (PRINT) /	MPS / AEL	Sampler's Signature	<i>MPSanford</i>	Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				7/26/23

Advanced Environmental Laboratories, Inc

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

SAMPLE LOCATION	SWALLOW	SWALLOW	WEST WB BRIDGE	WEST WB BRIDGE	EAST WB BRIDGE	EAST WB BRIDGE	MCILVAINE	MCILVAINE
SAMPLE TIME	10:29	10:31	10:42	10:44	10:51	10:53	11:01	11:08
SAMPLE DEPTH	0.30m top	2.5	0.30m top	2.5	0.30m top	2.0	0.30m top	2.0
TOTAL DEPTH	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5
TEMP /C	33.2	33.3	32.9	33.0	32.9	33.0	32.5	32.5
D.O. mg / L	3.41	3.93	3.94	3.62	3.34	3.95	3.16	3.15
D.O. % sat.	58.1	66.5	68.1	64.7	56.5	63.3	51.8	51.0
CONDUCTIVITY(umhos)	56136	56861	56723	56907	56884	56910	56964	57145
SALINITY ppt.	37.05	37.56	37.50	37.60	37.58	37.60	37.67	37.79
pH su.	7.91	8.08	8.05	8.08	8.02	8.07	8.07	8.07
SECCHI DEPTH	2.5	2.5	2.0	2.0	2.5	2.5	2.0	2.0

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

Authentication

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AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				7/26/23

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	11:19	11:21	11:28	11:30	11:36	11:38	11:40
SAMPLE DEPTH	0.30m top	2.5	0.30m top	2.5	0.30m top	3.0	NA
TOTAL DEPTH	3.0	3.0	3.0	3.0	3.5	3.5	NA
TEMP /C	32.9	33.0	32.4	32.5	32.7	32.8	NA
D.O. mg / L	3.21	3.65	3.62	3.19	4.35	4.15	NA
D.O. % sat.	52.5	61.6	58.6	54.1	73.5	70.6	NA
CONDUCTIVITY(umhos)	56012	56299	57570	57640	56727	56771	NA
SALINITY ppt.	36.92	37.13	38.11	38.17	37.48	37.51	NA
pH su.	8.03	8.08	7.95	8.00	8.12	8.12	NA
SECCHI DEPTH	2.5	2.5	3.0	3.0	2.5	2.5	NA

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

Authentication

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Advanced Environmental Laboratories, Inc

Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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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	8:20	8:23	8:01	8:03	7:37	7:39	7:50	7:51
SAMPLE DEPTH	0.30m top	2.0	0.30m top	3.7	0.30m top	3.7	0.30m top	1.8
TOTAL DEPTH	2.3	2.3	6.8	6.8	5.6	5.6	2.2	2.2
TEMP /C	31.9	32.0	32.1	32.1	32.1	32.2	32.2	32.2
D.O. mg / L	4.50	4.52	4.61	4.70	4.90	5.07	4.79	4.77
D.O. % sat.	75.1	76.1	76.0	78.8	82.2	84.9	79.5	80.7
CONDUCTIVITY(umhos)	56405	56553	56246	56258	56202	56190	56238	56243
SALINITY ppt.	37.29	37.37	37.14	37.14	37.10	37.09	37.13	37.13
pH su.	8.14	8.12	8.11	8.09	7.93	7.98	8.09	8.08
SECCHI DEPTH	2.3	2.3	2.5	2.5	2.5	2.5	2.0	2.0

FIELD COMMENTS:		Live Bait boat parked near Marker		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) /	MPS / AEL	Sampler's Signature	<i>MPSanford</i>	Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				7/26/23