



Advanced Environmental Laboratories, Inc
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FINAL - REVISION

Workorder: MARCO (F2306195)

December 05, 2023

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

RE: Workorder: F2306195 MARCO

Dear Justin Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday September 25, 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 (F2306195)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306195001	BARFIELD_BRIDGE	WA	Calculation	09/25/2023 08:16	09/25/2023 14:55	1	NA
F2306195001	BARFIELD_BRIDGE	WA	DISRES	09/25/2023 08:16	09/25/2023 14:55	3	NA
F2306195001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 08:16	09/25/2023 14:55	1	NA
F2306195001	BARFIELD_BRIDGE	WA	EPA 180.1	09/25/2023 08:16	09/25/2023 14:55	1	NA
F2306195001	BARFIELD_BRIDGE	WA	EPA 351.2	09/25/2023 08:16	09/25/2023 14:55	1	NA
F2306195001	BARFIELD_BRIDGE	WA	EPA 365.3	09/25/2023 08:16	09/25/2023 14:55	1	NA
F2306195001	BARFIELD_BRIDGE	WA	Field Measurements	09/25/2023 08:16	09/25/2023 14:55	6	NA
F2306195001	BARFIELD_BRIDGE	WA	SM 10200 H	09/25/2023 08:16	09/25/2023 14:55	2	NA
F2306195001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	09/25/2023 08:16	09/25/2023 14:55	3	NA
F2306195002	OLDE_MARCO	WA	Calculation	09/25/2023 09:40	09/25/2023 14:55	1	NA
F2306195002	OLDE_MARCO	WA	DISRES	09/25/2023 09:40	09/25/2023 14:55	3	NA
F2306195002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 09:40	09/25/2023 14:55	1	NA
F2306195002	OLDE_MARCO	WA	EPA 180.1	09/25/2023 09:40	09/25/2023 14:55	1	NA
F2306195002	OLDE_MARCO	WA	EPA 351.2	09/25/2023 09:40	09/25/2023 14:55	1	NA
F2306195002	OLDE_MARCO	WA	EPA 365.3	09/25/2023 09:40	09/25/2023 14:55	1	NA
F2306195002	OLDE_MARCO	WA	Field Measurements	09/25/2023 09:40	09/25/2023 14:55	6	NA
F2306195002	OLDE_MARCO	WA	SM 10200 H	09/25/2023 09:40	09/25/2023 14:55	2	NA
F2306195002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	09/25/2023 09:40	09/25/2023 14:55	3	NA
F2306195003	JH_PARK	WA	Calculation	09/25/2023 10:16	09/25/2023 14:55	1	NA
F2306195003	JH_PARK	WA	DISRES	09/25/2023 10:16	09/25/2023 14:55	3	NA
F2306195003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 10:16	09/25/2023 14:55	1	NA
F2306195003	JH_PARK	WA	EPA 180.1	09/25/2023 10:16	09/25/2023 14:55	1	NA
F2306195003	JH_PARK	WA	EPA 351.2	09/25/2023 10:16	09/25/2023 14:55	1	NA
F2306195003	JH_PARK	WA	EPA 365.3	09/25/2023 10:16	09/25/2023 14:55	1	NA
F2306195003	JH_PARK	WA	Field Measurements	09/25/2023 10:16	09/25/2023 14:55	6	NA
F2306195003	JH_PARK	WA	SM 10200 H	09/25/2023 10:16	09/25/2023 14:55	2	NA
F2306195003	JH_PARK	WA	SM 4500NO3-F (Low Level)	09/25/2023 10:16	09/25/2023 14:55	3	NA
F2306195004	KENDALL	WA	Calculation	09/25/2023 10:30	09/25/2023 14:55	1	NA
F2306195004	KENDALL	WA	DISRES	09/25/2023 10:30	09/25/2023 14:55	3	NA
F2306195004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 10:30	09/25/2023 14:55	1	NA
F2306195004	KENDALL	WA	EPA 180.1	09/25/2023 10:30	09/25/2023 14:55	1	NA
F2306195004	KENDALL	WA	EPA 351.2	09/25/2023 10:30	09/25/2023 14:55	1	NA
F2306195004	KENDALL	WA	EPA 365.3	09/25/2023 10:30	09/25/2023 14:55	1	NA
F2306195004	KENDALL	WA	Field Measurements	09/25/2023 10:30	09/25/2023 14:55	6	NA

Tuesday, December 5, 2023 1:38:59 AM
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 Page 2 of 73

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Workorder: MARCO (F2306195)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306195004	KENDALL	WA	SM 10200 H	09/25/2023 10:30	09/25/2023 14:55	2	NA
F2306195004	KENDALL	WA	SM 4500NO3-F (Low Level)	09/25/2023 10:30	09/25/2023 14:55	3	NA
F2306195005	COLLIER_BRIDGE	WA	Calculation	09/25/2023 10:39	09/25/2023 14:55	1	NA
F2306195005	COLLIER_BRIDGE	WA	DISRES	09/25/2023 10:39	09/25/2023 14:55	3	NA
F2306195005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 10:39	09/25/2023 14:55	1	NA
F2306195005	COLLIER_BRIDGE	WA	EPA 180.1	09/25/2023 10:39	09/25/2023 14:55	1	NA
F2306195005	COLLIER_BRIDGE	WA	EPA 351.2	09/25/2023 10:39	09/25/2023 14:55	1	NA
F2306195005	COLLIER_BRIDGE	WA	EPA 365.3	09/25/2023 10:39	09/25/2023 14:55	1	NA
F2306195005	COLLIER_BRIDGE	WA	Field Measurements	09/25/2023 10:39	09/25/2023 14:55	6	NA
F2306195005	COLLIER_BRIDGE	WA	SM 10200 H	09/25/2023 10:39	09/25/2023 14:55	2	NA
F2306195005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	09/25/2023 10:39	09/25/2023 14:55	3	NA
F2306195006	LANDMARK	WA	Calculation	09/25/2023 10:53	09/25/2023 14:55	1	NA
F2306195006	LANDMARK	WA	DISRES	09/25/2023 10:53	09/25/2023 14:55	3	NA
F2306195006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 10:53	09/25/2023 14:55	1	NA
F2306195006	LANDMARK	WA	EPA 180.1	09/25/2023 10:53	09/25/2023 14:55	1	NA
F2306195006	LANDMARK	WA	EPA 351.2	09/25/2023 10:53	09/25/2023 14:55	1	NA
F2306195006	LANDMARK	WA	EPA 365.3	09/25/2023 10:53	09/25/2023 14:55	1	NA
F2306195006	LANDMARK	WA	Field Measurements	09/25/2023 10:53	09/25/2023 14:55	6	NA
F2306195006	LANDMARK	WA	SM 10200 H	09/25/2023 10:53	09/25/2023 14:55	2	NA
F2306195006	LANDMARK	WA	SM 4500NO3-F (Low Level)	09/25/2023 10:53	09/25/2023 14:55	3	NA
F2306195007	LANDMARK_DUP	WA	Calculation	09/25/2023 10:57	09/25/2023 14:55	1	NA
F2306195007	LANDMARK_DUP	WA	DISRES	09/25/2023 10:57	09/25/2023 14:55	3	NA
F2306195007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 10:57	09/25/2023 14:55	1	NA
F2306195007	LANDMARK_DUP	WA	EPA 180.1	09/25/2023 10:57	09/25/2023 14:55	1	NA
F2306195007	LANDMARK_DUP	WA	EPA 351.2	09/25/2023 10:57	09/25/2023 14:55	1	NA
F2306195007	LANDMARK_DUP	WA	EPA 365.3	09/25/2023 10:57	09/25/2023 14:55	1	NA
F2306195007	LANDMARK_DUP	WA	Field Measurements	09/25/2023 10:57	09/25/2023 14:55	6	NA
F2306195007	LANDMARK_DUP	WA	SM 10200 H	09/25/2023 10:57	09/25/2023 14:55	2	NA
F2306195007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	09/25/2023 10:57	09/25/2023 14:55	3	NA
F2306195008	HC_CENTER	WA	Calculation	09/25/2023 11:06	09/25/2023 14:55	1	NA
F2306195008	HC_CENTER	WA	DISRES	09/25/2023 11:06	09/25/2023 14:55	3	NA
F2306195008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 11:06	09/25/2023 14:55	1	NA
F2306195008	HC_CENTER	WA	EPA 180.1	09/25/2023 11:06	09/25/2023 14:55	1	NA
F2306195008	HC_CENTER	WA	EPA 351.2	09/25/2023 11:06	09/25/2023 14:55	1	NA

Tuesday, December 5, 2023 1:38:59 AM
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 Page 3 of 73

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Workorder: MARCO (F2306195)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306195008	HC_CENTER	WA	EPA 365.3	09/25/2023 11:06	09/25/2023 14:55	1	NA
F2306195008	HC_CENTER	WA	Field Measurements	09/25/2023 11:06	09/25/2023 14:55	6	NA
F2306195008	HC_CENTER	WA	SM 10200 H	09/25/2023 11:06	09/25/2023 14:55	2	NA
F2306195008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	09/25/2023 11:06	09/25/2023 14:55	3	NA
F2306195009	SWALLOW	WA	Calculation	09/25/2023 11:18	09/25/2023 14:55	1	NA
F2306195009	SWALLOW	WA	DISRES	09/25/2023 11:18	09/25/2023 14:55	3	NA
F2306195009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 11:18	09/25/2023 14:55	1	NA
F2306195009	SWALLOW	WA	EPA 180.1	09/25/2023 11:18	09/25/2023 14:55	1	NA
F2306195009	SWALLOW	WA	EPA 351.2	09/25/2023 11:18	09/25/2023 14:55	1	NA
F2306195009	SWALLOW	WA	EPA 365.3	09/25/2023 11:18	09/25/2023 14:55	1	NA
F2306195009	SWALLOW	WA	Field Measurements	09/25/2023 11:18	09/25/2023 14:55	6	NA
F2306195009	SWALLOW	WA	SM 10200 H	09/25/2023 11:18	09/25/2023 14:55	2	NA
F2306195009	SWALLOW	WA	SM 4500NO3-F (Low Level)	09/25/2023 11:18	09/25/2023 14:55	3	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	Calculation	09/25/2023 11:30	09/25/2023 14:55	1	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	DISRES	09/25/2023 11:30	09/25/2023 14:55	3	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 11:30	09/25/2023 14:55	1	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	09/25/2023 11:30	09/25/2023 14:55	1	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	09/25/2023 11:30	09/25/2023 14:55	1	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	09/25/2023 11:30	09/25/2023 14:55	1	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	09/25/2023 11:30	09/25/2023 14:55	6	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	09/25/2023 11:30	09/25/2023 14:55	2	NA
F2306195010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	09/25/2023 11:30	09/25/2023 14:55	3	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	Calculation	09/25/2023 11:40	09/25/2023 14:55	1	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	DISRES	09/25/2023 11:40	09/25/2023 14:55	3	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 11:40	09/25/2023 14:55	1	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	09/25/2023 11:40	09/25/2023 14:55	1	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	09/25/2023 11:40	09/25/2023 14:55	1	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	09/25/2023 11:40	09/25/2023 14:55	1	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	09/25/2023 11:40	09/25/2023 14:55	6	NA
F2306195011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	09/25/2023 11:40	09/25/2023 14:55	2	NA





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Workorder: MARCO (F2306195)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306195011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	09/25/2023 11:40	09/25/2023 14:55	3	NA
F2306195012	MCILVAINE	WA	Calculation	09/25/2023 11:52	09/25/2023 14:55	1	NA
F2306195012	MCILVAINE	WA	DISRES	09/25/2023 11:52	09/25/2023 14:55	3	NA
F2306195012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	09/25/2023 11:52	09/25/2023 14:55	1	NA
F2306195012	MCILVAINE	WA	EPA 180.1	09/25/2023 11:52	09/25/2023 14:55	1	NA
F2306195012	MCILVAINE	WA	EPA 351.2	09/25/2023 11:52	09/25/2023 14:55	1	NA
F2306195012	MCILVAINE	WA	EPA 365.3	09/25/2023 11:52	09/25/2023 14:55	1	NA
F2306195012	MCILVAINE	WA	Field Measurements	09/25/2023 11:52	09/25/2023 14:55	6	NA
F2306195012	MCILVAINE	WA	SM 10200 H	09/25/2023 11:52	09/25/2023 14:55	2	NA
F2306195012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	09/25/2023 11:52	09/25/2023 14:55	3	NA
F2306195013	HUMMINGBIRD	WA	Calculation	09/25/2023 12:04	09/25/2023 14:55	1	NA
F2306195013	HUMMINGBIRD	WA	DISRES	09/25/2023 12:04	09/25/2023 14:55	3	NA
F2306195013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	09/25/2023 12:04	09/25/2023 14:55	1	NA
F2306195013	HUMMINGBIRD	WA	EPA 180.1	09/25/2023 12:04	09/25/2023 14:55	1	NA
F2306195013	HUMMINGBIRD	WA	EPA 351.2	09/25/2023 12:04	09/25/2023 14:55	1	NA
F2306195013	HUMMINGBIRD	WA	EPA 365.3	09/25/2023 12:04	09/25/2023 14:55	1	NA
F2306195013	HUMMINGBIRD	WA	Field Measurements	09/25/2023 12:04	09/25/2023 14:55	6	NA
F2306195013	HUMMINGBIRD	WA	SM 10200 H	09/25/2023 12:04	09/25/2023 14:55	2	NA
F2306195013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	09/25/2023 12:04	09/25/2023 14:55	3	NA
F2306195014	HOLLYHOCK	WA	Calculation	09/25/2023 12:14	09/25/2023 14:55	1	NA
F2306195014	HOLLYHOCK	WA	DISRES	09/25/2023 12:14	09/25/2023 14:55	3	NA
F2306195014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	09/25/2023 12:14	09/25/2023 14:55	1	NA
F2306195014	HOLLYHOCK	WA	EPA 180.1	09/25/2023 12:14	09/25/2023 14:55	1	NA
F2306195014	HOLLYHOCK	WA	EPA 351.2	09/25/2023 12:14	09/25/2023 14:55	1	NA
F2306195014	HOLLYHOCK	WA	EPA 365.3	09/25/2023 12:14	09/25/2023 14:55	1	NA
F2306195014	HOLLYHOCK	WA	Field Measurements	09/25/2023 12:14	09/25/2023 14:55	6	NA
F2306195014	HOLLYHOCK	WA	SM 10200 H	09/25/2023 12:14	09/25/2023 14:55	2	NA
F2306195014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	09/25/2023 12:14	09/25/2023 14:55	3	NA
F2306195015	WINDMILL	WA	Calculation	09/25/2023 12:24	09/25/2023 14:55	1	NA
F2306195015	WINDMILL	WA	DISRES	09/25/2023 12:24	09/25/2023 14:55	3	NA
F2306195015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	09/25/2023 12:24	09/25/2023 14:55	1	NA
F2306195015	WINDMILL	WA	EPA 180.1	09/25/2023 12:24	09/25/2023 14:55	1	NA
F2306195015	WINDMILL	WA	EPA 351.2	09/25/2023 12:24	09/25/2023 14:55	1	NA

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Workorder: MARCO (F2306195)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306195015	WINDMILL	WA	EPA 365.3	09/25/2023 12:24	09/25/2023 14:55	1	NA
F2306195015	WINDMILL	WA	Field Measurements	09/25/2023 12:24	09/25/2023 14:55	6	NA
F2306195015	WINDMILL	WA	SM 10200 H	09/25/2023 12:24	09/25/2023 14:55	2	NA
F2306195015	WINDMILL	WA	SM 4500NO3-F (Low Level)	09/25/2023 12:24	09/25/2023 14:55	3	NA
F2306195016	EQUIPMENT_BLANK	WA	Calculation	09/25/2023 12:31	09/25/2023 14:55	1	NA
F2306195016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 12:31	09/25/2023 14:55	1	NA
F2306195016	EQUIPMENT_BLANK	WA	EPA 180.1	09/25/2023 12:31	09/25/2023 14:55	1	NA
F2306195016	EQUIPMENT_BLANK	WA	EPA 351.2	09/25/2023 12:31	09/25/2023 14:55	1	NA
F2306195016	EQUIPMENT_BLANK	WA	EPA 365.3	09/25/2023 12:31	09/25/2023 14:55	1	NA
F2306195016	EQUIPMENT_BLANK	WA	SM 10200 H	09/25/2023 12:31	09/25/2023 14:55	2	NA
F2306195016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	09/25/2023 12:31	09/25/2023 14:55	3	NA
F2306195017	EAST_RIVER_MARKER_3	WA	Calculation	09/25/2023 09:13	09/25/2023 14:55	1	NA
F2306195017	EAST_RIVER_MARKER_3	WA	DISRES	09/25/2023 09:13	09/25/2023 14:55	3	NA
F2306195017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 09:13	09/25/2023 14:55	1	NA
F2306195017	EAST_RIVER_MARKER_3	WA	EPA 180.1	09/25/2023 09:13	09/25/2023 14:55	1	NA
F2306195017	EAST_RIVER_MARKER_3	WA	EPA 351.2	09/25/2023 09:13	09/25/2023 14:55	1	NA
F2306195017	EAST_RIVER_MARKER_3	WA	EPA 365.3	09/25/2023 09:13	09/25/2023 14:55	1	NA
F2306195017	EAST_RIVER_MARKER_3	WA	Field Measurements	09/25/2023 09:13	09/25/2023 14:55	6	NA
F2306195017	EAST_RIVER_MARKER_3	WA	SM 10200 H	09/25/2023 09:13	09/25/2023 14:55	2	NA
F2306195017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	09/25/2023 09:13	09/25/2023 14:55	3	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	Calculation	09/25/2023 08:55	09/25/2023 14:55	1	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	DISRES	09/25/2023 08:55	09/25/2023 14:55	3	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 08:55	09/25/2023 14:55	1	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	09/25/2023 08:55	09/25/2023 14:55	1	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	09/25/2023 08:55	09/25/2023 14:55	1	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	09/25/2023 08:55	09/25/2023 14:55	1	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	Field Measurements	09/25/2023 08:55	09/25/2023 14:55	6	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	09/25/2023 08:55	09/25/2023 14:55	2	NA
F2306195018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	09/25/2023 08:55	09/25/2023 14:55	3	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	Calculation	09/25/2023 08:27	09/25/2023 14:55	1	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	DISRES	09/25/2023 08:27	09/25/2023 14:55	3	NA

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Workorder: MARCO (F2306195)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2306195019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 08:27	09/25/2023 14:55	1	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	09/25/2023 08:27	09/25/2023 14:55	1	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	09/25/2023 08:27	09/25/2023 14:55	1	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	09/25/2023 08:27	09/25/2023 14:55	1	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	Field Measurements	09/25/2023 08:27	09/25/2023 14:55	6	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	09/25/2023 08:27	09/25/2023 14:55	2	NA
F2306195019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	09/25/2023 08:27	09/25/2023 14:55	3	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	Calculation	09/25/2023 08:42	09/25/2023 14:55	1	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	DISRES	09/25/2023 08:42	09/25/2023 14:55	3	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	09/25/2023 08:42	09/25/2023 14:55	1	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	09/25/2023 08:42	09/25/2023 14:55	1	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	09/25/2023 08:42	09/25/2023 14:55	1	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	09/25/2023 08:42	09/25/2023 14:55	1	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	Field Measurements	09/25/2023 08:42	09/25/2023 14:55	6	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	09/25/2023 08:42	09/25/2023 14:55	2	NA
F2306195020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	09/25/2023 08:42	09/25/2023 14:55	3	NA

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Workorder: MARCO (F2306195)

Workorder Summary

Batch Comments

WCAg/13101 - TKN,E351.2 Analysis,Water

The matrix spike recoveries of TKN for A2310651008 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike (MS) recoveries of TKN for F2306195009 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.

WCAg/13103 - TKN,E351.2 Analysis,Water

The matrix spike recoveries of TKN for F2306195019 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. The affected sample is qualified to indicate matrix interference.

The control criteria for matrix spike recoveries of TKN for G2309399003 are not applicable. The analyte concentration in the sample was greater than 10 times the added spike concentrations, preventing accurate evaluation of the spike recovery. No further corrective action was required.

WCAI/23949 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate and Nitrate+Nitrite for F2306195001 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential bias in this matrix. No further corrective action was required.

WCAI/23951 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recoveries of Nitrate and Nitrate+Nitrite for F2306195011 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential bias in this matrix. No further corrective action was required.

Analysis Results Comments

F2306195001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2306195001-20 filtered on 9/26/2023 at 11:00

F2306195009 (SWALLOW) - Total Kjeldahl Nitrogen

J4|Estimated Result





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Workorder: MARCO (F2306195)

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 (F2306195)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 09:51	09/25/2023 09:51	F^
Secchi Disc	1.5	meters			1	09/25/2023 09:51	09/25/2023 09:51	F^
Total Depth	2.5	meters			1	09/25/2023 09:51	09/25/2023 09:51	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	57598	umhos/cm			1	09/25/2023 09:51	09/25/2023 09:51	F^
DO Saturation %	33.2	%			1	09/25/2023 09:51	09/25/2023 09:51	F^
Dissolved Oxygen	2.06	mg/L			1	09/25/2023 09:51	09/25/2023 09:51	F^
Salinity	38.3	ppt			1	09/25/2023 09:51	09/25/2023 09:51	F^
Temperature	29.1	°C			1	09/25/2023 09:51	09/25/2023 09:51	F^
pH	7.92	SU			1	09/25/2023 09:51	09/25/2023 09:51	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	41	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.281 I	mg/L	0.50	0.20	1	10/19/2023 14:56	10/19/2023 14:56	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.268 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.3	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.016 I	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0070 I	mg/L	0.010	0.0060	1	09/26/2023 09:08	09/26/2023 09:08	T
Nitrate + Nitrite	0.013 I	mg/L	0.020	0.010	1	09/26/2023 09:08	09/26/2023 09:08	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:08	09/26/2023 09:08	T





FINAL - REVISION

Workorder: MARCO (F2306195)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195002 **Date Collected:** 09/25/2023 09:40 **Matrix:** Water
Sample ID: OLDE_MARCO **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 09:40	09/25/2023 09:40	F^
Secchi Disc	1.5	meters			1	09/25/2023 09:40	09/25/2023 09:40	F^
Total Depth	1.5	meters			1	09/25/2023 09:40	09/25/2023 09:40	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	58360	umhos/cm			1	09/25/2023 09:40	09/25/2023 09:40	F^
DO Saturation %	34.6	%			1	09/25/2023 09:40	09/25/2023 09:40	F^
Dissolved Oxygen	2.17	mg/L			1	09/25/2023 09:40	09/25/2023 09:40	F^
Salinity	38.85	ppt			1	09/25/2023 09:40	09/25/2023 09:40	F^
Temperature	28.8	°C			1	09/25/2023 09:40	09/25/2023 09:40	F^
pH	7.91	SU			1	09/25/2023 09:40	09/25/2023 09:40	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.276 I	mg/L	0.50	0.20	1	11/05/2023 23:53	11/05/2023 23:53	G
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.276 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.1	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.136	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 I	mg/L	0.010	0.0060	1	09/26/2023 09:10	09/26/2023 09:10	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:10	09/26/2023 09:10	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:10	09/26/2023 09:10	T





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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195003 **Date Collected:** 09/25/2023 10:16 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 10:16	09/25/2023 10:16	F^
Secchi Disc	1.5	meters			1	09/25/2023 10:16	09/25/2023 10:16	F^
Total Depth	3	meters			1	09/25/2023 10:16	09/25/2023 10:16	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	57209	umhos/cm			1	09/25/2023 10:16	09/25/2023 10:16	F^
DO Saturation %	33.9	%			1	09/25/2023 10:16	09/25/2023 10:16	F^
Dissolved Oxygen	2.08	mg/L			1	09/25/2023 10:16	09/25/2023 10:16	F^
Salinity	37.98	ppt			1	09/25/2023 10:16	09/25/2023 10:16	F^
Temperature	29.9	°C			1	09/25/2023 10:16	09/25/2023 10:16	F^
pH	7.93	SU			1	09/25/2023 10:16	09/25/2023 10:16	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	41	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.317 I	mg/L	0.50	0.20	1	10/19/2023 14:55	10/19/2023 14:55	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.317 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	5.5	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.043	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:11	09/26/2023 09:11	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:11	09/26/2023 09:11	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:11	09/26/2023 09:11	T





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Workorder: MARCO (F2306195)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195004 Date Collected: 09/25/2023 10:30 Matrix: Water								
Sample ID: KENDALL Date Received: 09/25/2023 14:55								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 10:30	09/25/2023 10:30	F^
Secchi Disc	1.5	meters			1	09/25/2023 10:30	09/25/2023 10:30	F^
Total Depth	1.5	meters			1	09/25/2023 10:30	09/25/2023 10:30	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	57341	umhos/cm			1	09/25/2023 10:30	09/25/2023 10:30	F^
DO Saturation %	33.1	%			1	09/25/2023 10:30	09/25/2023 10:30	F^
Dissolved Oxygen	2.03	mg/L			1	09/25/2023 10:30	09/25/2023 10:30	F^
Salinity	38.09	ppt			1	09/25/2023 10:30	09/25/2023 10:30	F^
Temperature	29.9	°C			1	09/25/2023 10:30	09/25/2023 10:30	F^
pH	7.94	SU			1	09/25/2023 10:30	09/25/2023 10:30	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.364 I	mg/L	0.50	0.20	1	10/19/2023 14:55	10/19/2023 14:55	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.364 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.2	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.045	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:11	09/26/2023 09:11	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:11	09/26/2023 09:11	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:11	09/26/2023 09:11	T





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Workorder: MARCO (F2306195)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195005 Date Collected: 09/25/2023 10:39 Matrix: Water								
Sample ID: COLLIER_BRIDGE Date Received: 09/25/2023 14:55								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 10:39	09/25/2023 10:39	F^
Secchi Disc	2	meters			1	09/25/2023 10:39	09/25/2023 10:39	F^
Total Depth	2	meters			1	09/25/2023 10:39	09/25/2023 10:39	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56016	umhos/cm			1	09/25/2023 10:39	09/25/2023 10:39	F^
DO Saturation %	29	%			1	09/25/2023 10:39	09/25/2023 10:39	F^
Dissolved Oxygen	1.78	mg/L			1	09/25/2023 10:39	09/25/2023 10:39	F^
Salinity	37.08	ppt			1	09/25/2023 10:39	09/25/2023 10:39	F^
Temperature	30.3	°C			1	09/25/2023 10:39	09/25/2023 10:39	F^
pH	7.86	SU			1	09/25/2023 10:39	09/25/2023 10:39	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.702	mg/L	0.50	0.20	1	10/19/2023 14:55	10/19/2023 14:55	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.702	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.069	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:12	09/26/2023 09:12	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:12	09/26/2023 09:12	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:12	09/26/2023 09:12	T





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Workorder: MARCO (F2306195)

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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195006 **Date Collected:** 09/25/2023 10:53 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 10:53	09/25/2023 10:53	F^
Secchi Disc	2	meters			1	09/25/2023 10:53	09/25/2023 10:53	F^
Total Depth	2.5	meters			1	09/25/2023 10:53	09/25/2023 10:53	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56164	umhos/cm			1	09/25/2023 10:53	09/25/2023 10:53	F^
DO Saturation %	30.1	%			1	09/25/2023 10:53	09/25/2023 10:53	F^
Dissolved Oxygen	1.86	mg/L			1	09/25/2023 10:53	09/25/2023 10:53	F^
Salinity	37.19	ppt			1	09/25/2023 10:53	09/25/2023 10:53	F^
Temperature	30.1	°C			1	09/25/2023 10:53	09/25/2023 10:53	F^
pH	7.85	SU			1	09/25/2023 10:53	09/25/2023 10:53	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.417 I	mg/L	0.50	0.20	1	10/19/2023 14:55	10/19/2023 14:55	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.417 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.1	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.077	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	8.0	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:13	09/26/2023 09:13	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:13	09/26/2023 09:13	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:13	09/26/2023 09:13	T





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FINAL - REVISION

Workorder: MARCO (F2306195)

Analytical Results

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Workorder: MARCO (F2306195)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 10:57	09/25/2023 10:57	F^
Secchi Disc	2	meters			1	09/25/2023 10:57	09/25/2023 10:57	F^
Total Depth	2.5	meters			1	09/25/2023 10:57	09/25/2023 10:57	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	55930	umhos/cm			1	09/25/2023 10:57	09/25/2023 10:57	F^
DO Saturation %	32.1	%			1	09/25/2023 10:57	09/25/2023 10:57	F^
Dissolved Oxygen	1.99	mg/L			1	09/25/2023 10:57	09/25/2023 10:57	F^
Salinity	37	ppt			1	09/25/2023 10:57	09/25/2023 10:57	F^
Temperature	30	°C			1	09/25/2023 10:57	09/25/2023 10:57	F^
pH	7.85	SU			1	09/25/2023 10:57	09/25/2023 10:57	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.861	mg/L	0.50	0.20	1	10/19/2023 14:55	10/19/2023 14:55	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.840	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.9	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.072	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	8.0	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.017	mg/L	0.010	0.0060	1	09/26/2023 09:14	09/26/2023 09:14	T
Nitrate + Nitrite	0.021	mg/L	0.020	0.010	1	09/26/2023 09:14	09/26/2023 09:14	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:14	09/26/2023 09:14	T





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Analytical Results

Lab ID: F2306195008 **Date Collected:** 09/25/2023 11:06 **Matrix:** Water
Sample ID: HC_CENTER **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 11:06	09/25/2023 11:06	F^
Secchi Disc	1.5	meters			1	09/25/2023 11:06	09/25/2023 11:06	F^
Total Depth	1.5	meters			1	09/25/2023 11:06	09/25/2023 11:06	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	55810	umhos/cm			1	09/25/2023 11:06	09/25/2023 11:06	F^
DO Saturation %	27.5	%			1	09/25/2023 11:06	09/25/2023 11:06	F^
Dissolved Oxygen	1.68	mg/L			1	09/25/2023 11:06	09/25/2023 11:06	F^
Salinity	36.9	ppt			1	09/25/2023 11:06	09/25/2023 11:06	F^
Temperature	30.5	°C			1	09/25/2023 11:06	09/25/2023 11:06	F^
pH	7.89	SU			1	09/25/2023 11:06	09/25/2023 11:06	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.304 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.304 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.65	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.024	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:14	09/26/2023 09:14	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:14	09/26/2023 09:14	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:14	09/26/2023 09:14	T





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Analytical Results

Lab ID: F2306195009 **Date Collected:** 09/25/2023 11:18 **Matrix:** Water
Sample ID: SWALLOW **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 11:18	09/25/2023 11:18	F^
Secchi Disc	1.5	meters			1	09/25/2023 11:18	09/25/2023 11:18	F^
Total Depth	2.5	meters			1	09/25/2023 11:18	09/25/2023 11:18	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	57219	umhos/cm			1	09/25/2023 11:18	09/25/2023 11:18	F^
DO Saturation %	33.1	%			1	09/25/2023 11:18	09/25/2023 11:18	F^
Dissolved Oxygen	2.01	mg/L			1	09/25/2023 11:18	09/25/2023 11:18	F^
Salinity	37.96	ppt			1	09/25/2023 11:18	09/25/2023 11:18	F^
Temperature	30.6	°C			1	09/25/2023 11:18	09/25/2023 11:18	F^
pH	7.88	SU			1	09/25/2023 11:18	09/25/2023 11:18	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	330	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.423 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.378 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.0	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.067	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.039	mg/L	0.010	0.0060	1	09/26/2023 09:15	09/26/2023 09:15	T
Nitrate + Nitrite	0.045	mg/L	0.020	0.010	1	09/26/2023 09:15	09/26/2023 09:15	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:15	09/26/2023 09:15	T





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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195010 **Date Collected:** 09/25/2023 11:30 **Matrix:** Water
Sample ID: W_WINTERBERRY_BRID **Date Received:** 09/25/2023 14:55
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 11:30	09/25/2023 11:30	F^
Secchi Disc	1.5	meters			1	09/25/2023 11:30	09/25/2023 11:30	F^
Total Depth	2.5	meters			1	09/25/2023 11:30	09/25/2023 11:30	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	57527	umhos/cm			1	09/25/2023 11:30	09/25/2023 11:30	F^
DO Saturation %	33	%			1	09/25/2023 11:30	09/25/2023 11:30	F^
Dissolved Oxygen	2.03	mg/L			1	09/25/2023 11:30	09/25/2023 11:30	F^
Salinity	38.21	ppt			1	09/25/2023 11:30	09/25/2023 11:30	F^
Temperature	29.7	°C			1	09/25/2023 11:30	09/25/2023 11:30	F^
pH	7.92	SU			1	09/25/2023 11:30	09/25/2023 11:30	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.376 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.354 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.7	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.043	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.019	mg/L	0.010	0.0060	1	09/26/2023 09:16	09/26/2023 09:16	T
Nitrate + Nitrite	0.022	mg/L	0.020	0.010	1	09/26/2023 09:16	09/26/2023 09:16	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:16	09/26/2023 09:16	T





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Workorder: MARCO (F2306195)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195011 Date Collected: 09/25/2023 11:40 Matrix: Water								
Sample ID: E_WINTERBERRY_BRID Date Received: 09/25/2023 14:55								
GE								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
Secchi Disc	1.5	meters			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
Total Depth	2.5	meters			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
FIELD PARAMETERS (Field Measurements)								
Conductivity	57421	umhos/cm			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
DO Saturation %	32.6	%			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
Dissolved Oxygen	2	mg/L			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
Salinity	38.13	ppt			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
Temperature	29.9	°C			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
pH	7.99	SU			1	09/25/2023 11:40	09/25/2023 11:40	F [^]
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.428 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.428 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.0	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.024	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:23	09/26/2023 09:23	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:23	09/26/2023 09:23	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:23	09/26/2023 09:23	T





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Workorder: MARCO (F2306195)

Analytical Results

Analysis Results Comments

Nitrate (as N)

J4|Estimated Result

Nitrate + Nitrite

J4|Estimated Result

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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195012 Date Collected: 09/25/2023 11:52 Matrix: Water								
Sample ID: MCILVAINE Date Received: 09/25/2023 14:55								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 11:52	09/25/2023 11:52	F^
Secchi Disc	2	meters			1	09/25/2023 11:52	09/25/2023 11:52	F^
Total Depth	1.5	meters			1	09/25/2023 11:52	09/25/2023 11:52	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	58292	umhos/cm			1	09/25/2023 11:52	09/25/2023 11:52	F^
DO Saturation %	27.2	%			1	09/25/2023 11:52	09/25/2023 11:52	F^
Dissolved Oxygen	1.69	mg/L			1	09/25/2023 11:52	09/25/2023 11:52	F^
Salinity	38.81	ppt			1	09/25/2023 11:52	09/25/2023 11:52	F^
Temperature	29.2	°C			1	09/25/2023 11:52	09/25/2023 11:52	F^
pH	7.88	SU			1	09/25/2023 11:52	09/25/2023 11:52	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.399 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.379 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.6	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.022	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.020	mg/L	0.010	0.0060	1	09/26/2023 09:26	09/26/2023 09:26	T
Nitrate + Nitrite	0.020	mg/L	0.020	0.010	1	09/26/2023 09:26	09/26/2023 09:26	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:26	09/26/2023 09:26	T





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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195013 **Date Collected:** 09/25/2023 12:04 **Matrix:** Water
Sample ID: HUMMINGBIRD **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 12:04	09/25/2023 12:04	F^
Secchi Disc	2	meters			1	09/25/2023 12:04	09/25/2023 12:04	F^
Total Depth	2	meters			1	09/25/2023 12:04	09/25/2023 12:04	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56295	umhos/cm			1	09/25/2023 12:04	09/25/2023 12:04	F^
DO Saturation %	27	%			1	09/25/2023 12:04	09/25/2023 12:04	F^
Dissolved Oxygen	1.66	mg/L			1	09/25/2023 12:04	09/25/2023 12:04	F^
Salinity	37.28	ppt			1	09/25/2023 12:04	09/25/2023 12:04	F^
Temperature	30.2	°C			1	09/25/2023 12:04	09/25/2023 12:04	F^
pH	7.92	SU			1	09/25/2023 12:04	09/25/2023 12:04	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.503	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.503	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.3	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019 I	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:26	09/26/2023 09:26	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:26	09/26/2023 09:26	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:26	09/26/2023 09:26	T





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Workorder: MARCO (F2306195)

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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195014 **Date Collected:** 09/25/2023 12:14 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 12:14	09/25/2023 12:14	F^
Secchi Disc	1	meters			1	09/25/2023 12:14	09/25/2023 12:14	F^
Total Depth	1.5	meters			1	09/25/2023 12:14	09/25/2023 12:14	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	53651	umhos/cm			1	09/25/2023 12:14	09/25/2023 12:14	F^
DO Saturation %	30.5	%			1	09/25/2023 12:14	09/25/2023 12:14	F^
Dissolved Oxygen	1.92	mg/L			1	09/25/2023 12:14	09/25/2023 12:14	F^
Salinity	35.33	ppt			1	09/25/2023 12:14	09/25/2023 12:14	F^
Temperature	29.4	°C			1	09/25/2023 12:14	09/25/2023 12:14	F^
pH	7.95	SU			1	09/25/2023 12:14	09/25/2023 12:14	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	52	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.573	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.553	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.0	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.167	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.017	mg/L	0.010	0.0060	1	09/26/2023 09:27	09/26/2023 09:27	T
Nitrate + Nitrite	0.020	mg/L	0.020	0.010	1	09/26/2023 09:27	09/26/2023 09:27	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:27	09/26/2023 09:27	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195015 Date Collected: 09/25/2023 12:24 Matrix: Water								
Sample ID: WINDMILL Date Received: 09/25/2023 14:55								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 12:24	09/25/2023 12:24	F^
Secchi Disc	1.5	meters			1	09/25/2023 12:24	09/25/2023 12:24	F^
Total Depth	2.5	meters			1	09/25/2023 12:24	09/25/2023 12:24	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	56653	umhos/cm			1	09/25/2023 12:24	09/25/2023 12:24	F^
DO Saturation %	46.2	%			1	09/25/2023 12:24	09/25/2023 12:24	F^
Dissolved Oxygen	2.85	mg/L			1	09/25/2023 12:24	09/25/2023 12:24	F^
Salinity	37.56	ppt			1	09/25/2023 12:24	09/25/2023 12:24	F^
Temperature	29.9	°C			1	09/25/2023 12:24	09/25/2023 12:24	F^
pH	7.93	SU			1	09/25/2023 12:24	09/25/2023 12:24	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.509	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.509	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.6	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.032	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:28	09/26/2023 09:28	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:28	09/26/2023 09:28	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:28	09/26/2023 09:28	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195016 Date Collected: 09/25/2023 12:31 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 09/25/2023 14:55								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.229 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.229 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.17	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0063 U	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:29	09/26/2023 09:29	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:29	09/26/2023 09:29	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:29	09/26/2023 09:29	T





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Workorder: MARCO (F2306195)

Analytical Results

Lab ID: F2306195017 **Date Collected:** 09/25/2023 09:13 **Matrix:** Water
Sample ID: EAST_RIVER_MARKER_3 **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 09:13	09/25/2023 09:13	F^
Secchi Disc	3	meters			1	09/25/2023 09:13	09/25/2023 09:13	F^
Total Depth	2.5	meters			1	09/25/2023 09:13	09/25/2023 09:13	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	58490	umhos/cm			1	09/25/2023 09:13	09/25/2023 09:13	F^
DO Saturation %	40.1	%			1	09/25/2023 09:13	09/25/2023 09:13	F^
Dissolved Oxygen	2.49	mg/L			1	09/25/2023 09:13	09/25/2023 09:13	F^
Salinity	38.99	ppt			1	09/25/2023 09:13	09/25/2023 09:13	F^
Temperature	28.9	°C			1	09/25/2023 09:13	09/25/2023 09:13	F^
pH	7.94	SU			1	09/25/2023 09:13	09/25/2023 09:13	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.352 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.352 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.072	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:29	09/26/2023 09:29	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:29	09/26/2023 09:29	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:29	09/26/2023 09:29	T





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Lab ID: F2306195018 **Date Collected:** 09/25/2023 08:55 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 09/25/2023 14:55
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 08:55	09/25/2023 08:55	F^
Secchi Disc	2.5	meters			1	09/25/2023 08:55	09/25/2023 08:55	F^
Total Depth	6.6	meters			1	09/25/2023 08:55	09/25/2023 08:55	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	58523	umhos/cm			1	09/25/2023 08:55	09/25/2023 08:55	F^
DO Saturation %	45.8	%			1	09/25/2023 08:55	09/25/2023 08:55	F^
Dissolved Oxygen	2.84	mg/L			1	09/25/2023 08:55	09/25/2023 08:55	F^
Salinity	38.99	ppt			1	09/25/2023 08:55	09/25/2023 08:55	F^
Temperature	28.9	°C			1	09/25/2023 08:55	09/25/2023 08:55	F^
pH	7.93	SU			1	09/25/2023 08:55	09/25/2023 08:55	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.277 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.277 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.7	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.011 I	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:30	09/26/2023 09:30	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:30	09/26/2023 09:30	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:30	09/26/2023 09:30	T





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Analytical Results

Lab ID: F2306195019 **Date Collected:** 09/25/2023 08:27 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_2 **Date Received:** 09/25/2023 14:55

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 08:27	09/25/2023 08:27	F^
Secchi Disc	2	meters			1	09/25/2023 08:27	09/25/2023 08:27	F^
Total Depth	5.91	meters			1	09/25/2023 08:27	09/25/2023 08:27	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	58494	umhos/cm			1	09/25/2023 08:27	09/25/2023 08:27	F^
DO Saturation %	66.4	%			1	09/25/2023 08:27	09/25/2023 08:27	F^
Dissolved Oxygen	4.13	mg/L			1	09/25/2023 08:27	09/25/2023 08:27	F^
Salinity	38.98	ppt			1	09/25/2023 08:27	09/25/2023 08:27	F^
Temperature	28.9	°C			1	09/25/2023 08:27	09/25/2023 08:27	F^
pH	7.85	SU			1	09/25/2023 08:27	09/25/2023 08:27	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.8	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014 I	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:31	09/26/2023 09:31	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:31	09/26/2023 09:31	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:31	09/26/2023 09:31	T





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Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2306195020 Date Collected: 09/25/2023 08:42 Matrix: Water								
Sample ID: CAPRI_PASS_MARKER_4 Date Received: 09/25/2023 14:55								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	09/25/2023 08:42	09/25/2023 08:42	F^
Secchi Disc	2.5	meters			1	09/25/2023 08:42	09/25/2023 08:42	F^
Total Depth	3.47	meters			1	09/25/2023 08:42	09/25/2023 08:42	F^
FIELD PARAMETERS (Field Measurements)								
Conductivity	58700	umhos/cm			1	09/25/2023 08:42	09/25/2023 08:42	F^
DO Saturation %	50.5	%			1	09/25/2023 08:42	09/25/2023 08:42	F^
Dissolved Oxygen	3.08	mg/L			1	09/25/2023 08:42	09/25/2023 08:42	F^
Salinity	39.12	ppt			1	09/25/2023 08:42	09/25/2023 08:42	F^
Temperature	29	°C			1	09/25/2023 08:42	09/25/2023 08:42	F^
pH	7.93	SU			1	09/25/2023 08:42	09/25/2023 08:42	F^
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	09/25/2023 15:15	09/25/2023 15:15	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.222 I	mg/L	0.50	0.20	1	10/19/2023 14:54	10/19/2023 14:54	F
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.222 I	mg/L	0.50	0.20	1	09/27/2023 16:26	09/28/2023 15:53	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	09/25/2023 17:00	09/25/2023 17:00	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.008 I	mg/L	0.020	0.0063	1	09/27/2023 10:30	09/28/2023 11:15	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/03/2023 13:15	10/03/2023 13:15	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	09/26/2023 09:32	09/26/2023 09:32	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	09/26/2023 09:32	09/26/2023 09:32	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	09/26/2023 09:32	09/26/2023 09:32	T





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FINAL - REVISION

Workorder: MARCO (F2306195)

Analytical Results

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Workorder: MARCO (F2306195)

QC Results

QC Batch: MICf/2976 **Analysis Method:** ENTEROLERT/ QUANTI-TRAY
Preparation Method: ENTEROLERT/ QUANTI-TRAY
Associated Lab IDs: F2306195001, F2306195002, F2306195003, F2306195004, F2306195005, F2306195006, F2306195007, F2306195008, F2306195009, F2306195010, F2306195011, F2306195012, F2306195013, F2306195014, F2306195015, F2306195016, F2306195017, F2306195018, F2306195019, F2306195020

Method Blank(4971071)

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

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Workorder: MARCO (F2306195)

QC Results

QC Batch: WCAg/13055 **Analysis Method:** EPA 365.3
Preparation Method: EPA 365.3
Associated Lab IDs: F2306195001, F2306195002, F2306195003, F2306195004, F2306195005, F2306195006, F2306195007, F2306195008, F2306195009, F2306195010, F2306195011, F2306195012, F2306195013, F2306195014, F2306195015, F2306195016, F2306195017, F2306195018, F2306195019, F2306195020

Method Blank(4973831)

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 (F2306195)

QC Results

QC Batch: WCAg/13101 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2306195001, F2306195002, F2306195003, F2306195004, F2306195005, F2306195006, F2306195007, F2306195008, F2306195009

Method Blank(4975378)

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 (F2306195)

QC Results

QC Batch: WCAg/13102 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2306195001, F2306195002, F2306195003, F2306195004, F2306195005, F2306195006, F2306195007, F2306195008, F2306195009

Method Blank(4975379)

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 (F2306195)

QC Results

QC Batch: WCAg/13103 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2306195010, F2306195011, F2306195012, F2306195013, F2306195014, F2306195015, F2306195016, F2306195017, F2306195018, F2306195019, F2306195020

Method Blank(4975407)

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 (F2306195)

QC Results

QC Batch: WCAg/13104 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2306195010, F2306195011, F2306195012, F2306195013, F2306195014, F2306195015, F2306195016, F2306195017, F2306195018, F2306195019, F2306195020

Method Blank(4975408)

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 (F2306195)

QC Results

QC Batch: WCAg/13127 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: F2306195001, F2306195002, F2306195003, F2306195004, F2306195005, F2306195006, F2306195007, F2306195008,
F2306195009, F2306195010, F2306195011, F2306195012, F2306195013, F2306195014, F2306195015, F2306195016,
F2306195017, F2306195018, F2306195019, F2306195020

Method Blank(4981550)

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

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Workorder: MARCO (F2306195)

QC Results

QC Batch: WCAI/23949 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2306195001, F2306195002, F2306195003, F2306195004, F2306195005, F2306195006, F2306195007, F2306195008, F2306195009, F2306195010

Method Blank(4971385)

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 (F2306195)

QC Results

QC Batch: WCA/23951 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2306195011, F2306195012, F2306195013, F2306195014, F2306195015, F2306195016, F2306195017, F2306195018,
F2306195019, F2306195020

Method Blank(4971395)

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 (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CLCf/1027 - Calculation			
F2306195001	BARFIELD_BRIDGE		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195016	EQUIPMENT_BLANK		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1085 - Field Measurements			
F2306195001	BARFIELD_BRIDGE		
F2306195002	OLDE_MARCO		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
FLDf/1086 - DISRES			
F2306195001	BARFIELD_BRIDGE		
F2306195002	OLDE_MARCO		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/2976 - ENTEROLERT/ QUANTI-TRAY			
F2306195001	BARFIELD_BRIDGE		
F2306195002	OLDE_MARCO		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195016	EQUIPMENT_BLANK		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/3998 - EPA 180.1			
F2306195001	BARFIELD_BRIDGE		
F2306195002	OLDE_MARCO		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195016	EQUIPMENT_BLANK		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/13055 - EPA 365.3			
F2306195001	BARFIELD_BRIDGE	WCAg/13054	EPA 365.3
F2306195002	OLDE_MARCO	WCAg/13054	EPA 365.3
F2306195003	JH_PARK	WCAg/13054	EPA 365.3
F2306195004	KENDALL	WCAg/13054	EPA 365.3
F2306195005	COLLIER_BRIDGE	WCAg/13054	EPA 365.3
F2306195006	LANDMARK	WCAg/13054	EPA 365.3
F2306195007	LANDMARK_DUP	WCAg/13054	EPA 365.3
F2306195008	HC_CENTER	WCAg/13054	EPA 365.3
F2306195009	SWALLOW	WCAg/13054	EPA 365.3
F2306195010	W_WINTERBERRY_BRIDGE	WCAg/13054	EPA 365.3
F2306195011	E_WINTERBERRY_BRIDGE	WCAg/13054	EPA 365.3
F2306195012	MCILVAINE	WCAg/13054	EPA 365.3
F2306195013	HUMMINGBIRD	WCAg/13054	EPA 365.3
F2306195014	HOLLYHOCK	WCAg/13054	EPA 365.3
F2306195015	WINDMILL	WCAg/13054	EPA 365.3
F2306195016	EQUIPMENT_BLANK	WCAg/13054	EPA 365.3
F2306195017	EAST_RIVER_MARKER_3	WCAg/13054	EPA 365.3
F2306195018	MID_CHANNEL_MARKER_12	WCAg/13054	EPA 365.3
F2306195019	CAPRI_PASS_MARKER_2	WCAg/13054	EPA 365.3
F2306195020	CAPRI_PASS_MARKER_4	WCAg/13054	EPA 365.3
WCAg/13101 - EPA 351.2			
F2306195001	BARFIELD_BRIDGE	WCAg/13079	Copper Sulfate Digestion
F2306195002	OLDE_MARCO	WCAg/13079	Copper Sulfate Digestion
F2306195003	JH_PARK	WCAg/13079	Copper Sulfate Digestion
F2306195004	KENDALL	WCAg/13079	Copper Sulfate Digestion
F2306195005	COLLIER_BRIDGE	WCAg/13079	Copper Sulfate Digestion
F2306195006	LANDMARK	WCAg/13079	Copper Sulfate Digestion
F2306195007	LANDMARK_DUP	WCAg/13079	Copper Sulfate Digestion
F2306195008	HC_CENTER	WCAg/13079	Copper Sulfate Digestion
F2306195009	SWALLOW	WCAg/13079	Copper Sulfate Digestion

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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/13103 - EPA 351.2			
F2306195010	W_WINTERBERRY_BRIDGE	WCAg/13080	Copper Sulfate Digestion
F2306195011	E_WINTERBERRY_BRIDGE	WCAg/13080	Copper Sulfate Digestion
F2306195012	MCILVAINE	WCAg/13080	Copper Sulfate Digestion
F2306195013	HUMMINGBIRD	WCAg/13080	Copper Sulfate Digestion
F2306195014	HOLLYHOCK	WCAg/13080	Copper Sulfate Digestion
F2306195015	WINDMILL	WCAg/13080	Copper Sulfate Digestion
F2306195016	EQUIPMENT_BLANK	WCAg/13080	Copper Sulfate Digestion
F2306195017	EAST_RIVER_MARKER_3	WCAg/13080	Copper Sulfate Digestion
F2306195018	MID_CHANNEL_MARKER_12	WCAg/13080	Copper Sulfate Digestion
F2306195019	CAPRI_PASS_MARKER_2	WCAg/13080	Copper Sulfate Digestion
F2306195020	CAPRI_PASS_MARKER_4	WCAg/13080	Copper Sulfate Digestion
WCAg/13127 - SM 10200 H			
F2306195001	BARFIELD_BRIDGE		
F2306195002	OLDE_MARCO		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195016	EQUIPMENT_BLANK		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2306195)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/23949 - SM 4500NO3-F (Low Level)			
F2306195001	BARFIELD_BRIDGE		
F2306195002	OLDE_MARCO		
F2306195003	JH_PARK		
F2306195004	KENDALL		
F2306195005	COLLIER_BRIDGE		
F2306195006	LANDMARK		
F2306195007	LANDMARK_DUP		
F2306195008	HC_CENTER		
F2306195009	SWALLOW		
F2306195010	W_WINTERBERRY_BRIDGE		
WCAI/23951 - SM 4500NO3-F (Low Level)			
F2306195011	E_WINTERBERRY_BRIDGE		
F2306195012	MCILVAINE		
F2306195013	HUMMINGBIRD		
F2306195014	HOLLYHOCK		
F2306195015	WINDMILL		
F2306195016	EQUIPMENT_BLANK		
F2306195017	EAST_RIVER_MARKER_3		
F2306195018	MID_CHANNEL_MARKER_12		
F2306195019	CAPRI_PASS_MARKER_2		
F2306195020	CAPRI_PASS_MARKER_4		





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- Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: ES2974
- Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: ES11095

- Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: ES2001
- Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: ES2535
- Tampa: *



* F 2 3 0 6 1 9 5 *

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED				LABORATORY I.D. NUMBER
			DATE	TIME			NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci	
001	BARFIELD_BRIDGE	Grab	9/25/23	9:51	SW	4	X	X	X	X	
002	OLDE_MARCO	Grab		9:40	SW	4	X	X	X	X	
003	JH_PARK	Grab		10:16	SW	4	X	X	X	X	
004	KENDALL	Grab		10:30	SW	4	X	X	X	X	
005	COLLIER_BRIDGE	Grab		10:35	SW	4	X	X	X	X	
006	LANDMARK	Grab		10:53	SW	4	X	X	X	X	
007	LANDMARK_DUP	Grab		10:57	SW	4	X	X	X	X	
008	HC_CENTER	Grab		11:06	SW	4	X	X	X	X	
009	SWALLOW	Grab		11:18	SW	4	X	X	X	X	
010	W_WINTERBERRY_BRIDGE	Grab		11:30	SW	4	X	X	X	X	

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) 3.8 °C Temp. when received (corrected) 3.8 °C

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

Date	Time	Date	Time
9/25/23	14:50	9/25/23	14:50

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



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

Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
Miramar: 10200 USA Today Way, FL 33025 • 954.899.2288 • Lab ID: E82335
Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Client Name: City of Marco Island Project Name: MARCO

Address: 50 Bald Eagle Dr. Project Number:

Marco Island, FL 314145 PO Number:

Phone: 239-300-1462 FDEP Facility No:

FAX: FDEP Facility Addr:

Contact: Jason Tomasesetti Special Instructions:

Sampled By: P. Manard

Turn Around Time: Standard X Rush

AEI Profile #: 65884 ADAPT EQUIS Other WIN

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED				BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME			NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci		
E_WINTERBERRY_BRIDGE		Grab	9/25/12	11:40	SW	4	X	X	X	X		011
	MCILVAINE	Grab		11:52	SW	4	X	X	X	X		012
	HUMMINGBIRD	Grab		12:04	SW	4	X	X	X	X		013
	HOLLYHOCK	Grab		12:14	SW	4	X	X	X	X		014
	WINDMILL	Grab		12:24	SW	4	X	X	X	X		015
	EQUIPMENT_BLANK	Grab		12:31	SW	4	X	X	X	X		016
	EAST RIVER-MARKER 3	Grab		9:13	SW	4	X	X	X	X		017
	MID CHANNEL-MARKER 12	Grab		8:55	SW	4	X	X	X	X		018
	CAPRI PASS-MARKER 2	Grab		8:27	SW	4	X	X	X	X		019
	CAPRI PASS-MARKER 4	Grab		8:42	SW	4	X	X	X	X		020

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Received on ice Yes No Temp taken from sample Temp from blank Where required, pH checked

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	9/25/12	14:50	<i>[Signature]</i>	9/25/12	14:50

FOR DRINKING WATER USE:

Contact Person: Supplier of Water: Site Address: (When PWS Information not otherwise supplied) PWS ID:

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	9:51	9:53	9:40	9:42	10:16	10:18	10:30	10:32
SAMPLE DEPTH	0.30m top	2.2	0.30m top	1.2	0.30m top	2.7	0.30m top	1.2
TOTAL DEPTH	2.5	2.5	1.5	1.5	3.0	3.0	1.5	1.5
TEMP /C	29.1	29.1	28.8	28.8	29.9	29.8	29.9	29.9
D.O. mg / L	2.06	2.02	2.17	2.14	2.08	2.11	2.03	2.09
D.O. % sat.	33.2	32.5	34.6	34.4	33.9	34.3	33.1	34.0
CONDUCTIVITY(umhos)	57598	57844	58360	58455	57209	57481	57341	57490
SALINITY ppt.	38.3	38.49	38.85	38.95	37.98	38.18	38.09	38.20
pH su.	7.92	7.88	7.91	7.91	7.93	7.92	7.94	7.92
SECCHI DEPTH	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

FIELD COMMENTS:

WEATHER :

DEG F

DEG F

DEG F

DEG F

FIELD EQUIP. USED: ID # :

VAN DORN / F3X

VAN DORN / F3X

VAN DORN / F3X

VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /

MPS / AEL

Sampler's Signature

Date

9/25/23

AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES

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	10:39	10:41	10:53	10:55	10:57	10:59	11:06	11:08
SAMPLE DEPTH	0.30m top	1.7	0.30m top	2.2	0.30m top	2.2	0.30m top	1.2
TOTAL DEPTH	2.0	2.0	2.5	2.5	2.5	2.5	1.5	1.5
TEMP /C	30.3	30.4	30.1	30.6	30.0	30.6	30.5	30.4
D.O. mg / L	1.78	1.85	1.86	1.82	1.99	1.91	1.68	1.77
D.O. % sat.	29.0	30.2	30.1	30.0	32.1	31.5	27.5	28.8
CONDUCTIVITY(umhos)	56016	56154	56164	56988	55930	56919	55810	55887
SALINITY ppt.	37.08	37.16	37.19	37.78	37.0	37.73	36.90	36.97
pH su.	7.86	7.85	7.85	7.85	7.85	7.86	7.89	7.87
SECCHI DEPTH	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5

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

Authentication

SAMPLED BY: (PRINT) /	MPS / AEL			
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES		Sampler's Signature		Date
				9/25/23

Advanced Environmental Laboratories, Inc

Client Name: **CITY OF MARCO ISLAND** Site Name: **MARCO ISLAND WATERWAYS**

Water Sample Parameters

SAMPLE LOCATION	SWALLOW	SWALLOW	WEST WB BRIDGE	WEST WB BRIDGE	EAST WB BRIDGE	EAST WB BRIDGE	MCILVAINE	MCILVAINE
SAMPLE TIME	11:18	11:20	11:30	11:32	11:40	11:42	11:52	11:54
SAMPLE DEPTH	0.30m top	2.2	0.30m top	2.2	0.30m top	2.2	0.30m top	1.2
TOTAL DEPTH	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.5
TEMP /C	30.6	30.7	29.7	29.6	29.9	29.8	29.2	29.2
D.O. mg / L	2.01	2.18	2.03	2.08	2.00	2.09	1.69	1.77
D.O. % sat.	33.1	36.0	33.0	33.8	32.6	34.6	27.2	28.6
CONDUCTIVITY(umhos)	57219	57576	57527	57828	57421	57566	58292	58334
SALINITY ppt.	37.96	38.24	38.21	38.45	38.13	38.25	38.81	38.84
pH su.	7.88	7.94	7.92	7.93	7.99	7.99	7.88	7.86
SECCHI DEPTH	1.5	1.5	1.5	1.5	1.5	1.5	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** Date **9/25/23**
 AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES Sampler's Signature *M. W. P. [Signature]*

Advanced Environmental Laboratories, Inc

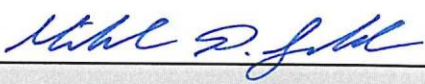
Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters

SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK	
SAMPLE TIME	12:04	12:06	12:14	12:16	12:24	12:26	12:31	
SAMPLE DEPTH	0.30m top	1.70	0.30m top	1.2	0.30m top	2.2	NA	
TOTAL DEPTH	2.0	2.0	1.5	1.5	2.5	2.5	NA	
TEMP /C	30.2	30.2	29.4	30.0	29.9	29.8	NA	
D.O. mg / L	1.66	1.88	1.92	1.73	2.85	2.80	NA	
D.O. % sat.	27.0	30.6	30.5	28.2	46.2	44.8	NA	
CONDUCTIVITY(umhos)	56295	56512	53651	56235	56653	56800	NA	
SALINITY ppt.	37.28	37.43	35.33	37.20	37.56	37.67	NA	
pH su.	7.92	7.95	7.95	7.88	7.93	7.91	NA	
SECCHI DEPTH	2.0	2.0	1.0	1.0	1.5	1.5	NA	

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

Authentication

SAMPLED BY: (PRINT) /	MPS / AEL	Sampler's Signature	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES		Date	9/25/23

Advanced Environmental Laboratories, Inc

Client Name: **CITY OF MARCO ISLAND** Site Name: **MARCO ISLAND WATERWAYS**

Water Sample Parameters

SAMPLE LOCATION	East River- Marker 3	East River- Marker 3	Mid Channel- Marker 12	Mid Channel- Marker 12	Capri Pass- Marker 2	Capri Pass- Marker 2	Capri Pass- Marker 4	Capri Pass- Marker 4
SAMPLE TIME	9:13	9:15	8:55	8:57	8:27	8:29	8:42	8:44
SAMPLE DEPTH	0.30m top	2.2	0.30m top	6.3	0.30m top	5.61	0.30m top	3.17
TOTAL DEPTH	2.5	2.5	6.6	6.6	5.91	5.91	3.47	3.47
TEMP /C	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0
D.O. mg / L	2.49	2.60	2.84	2.99	4.13	4.07	3.08	3.43
D.O. % sat.	40.1	41.9	45.8	48.2	66.4	65.5	50.5	55.4
CONDUCTIVITY(umhos)	58490	58500	58523	58530	58494	58606	58700	58705
SALINITY ppt.	38.99	39.05	38.99	39.01	38.98	39.06	39.12	39.13
pH su.	7.94	7.94	7.93	7.93	7.85	7.89	7.93	7.93
SECCHI DEPTH	3.0	3.0	2.5	2.5	2.0	2.0	2.5	2.5

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

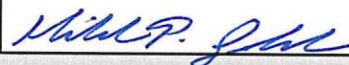
VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /

MPS / AEL

Sampler's
Signature



Date

9/25/23