



Advanced Environmental Laboratories, Inc
13100 Westlinks Terrace, Unit 10 Ft. Myers FL 33913
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (239) 674-8130
Fax: (239) 674-8128

FINAL

Workorder: MARCO (F2204983)

November 17, 2022

Storm Gewirtz
City of Marco Island
50 Bald Eagle Drive
Marco Island, FL 34145

RE: Workorder: F2204983 MARCO

Dear Storm Gewirtz:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday October 18, 2022. 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 (F2204983)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2204983001	BARFIELD_BRIDGE	WA	Calculation	10/18/2022 08:58	10/18/2022 14:03	1	NA
F2204983001	BARFIELD_BRIDGE	WA	DISRES	10/18/2022 08:58	10/18/2022 14:03	3	NA
F2204983001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 08:58	10/18/2022 14:03	1	NA
F2204983001	BARFIELD_BRIDGE	WA	EPA 180.1	10/18/2022 08:58	10/18/2022 14:03	1	NA
F2204983001	BARFIELD_BRIDGE	WA	EPA 351.2	10/18/2022 08:58	10/18/2022 14:03	1	NA
F2204983001	BARFIELD_BRIDGE	WA	EPA 365.3	10/18/2022 08:58	10/18/2022 14:03	1	NA
F2204983001	BARFIELD_BRIDGE	WA	Field Measurements	10/18/2022 08:58	10/18/2022 14:03	6	NA
F2204983001	BARFIELD_BRIDGE	WA	SM 10200 H	10/18/2022 08:58	10/18/2022 14:03	2	NA
F2204983001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/18/2022 08:58	10/18/2022 14:03	3	NA
F2204983002	OLDE_MARCO	WA	Calculation	10/18/2022 08:48	10/18/2022 14:03	1	NA
F2204983002	OLDE_MARCO	WA	DISRES	10/18/2022 08:48	10/18/2022 14:03	3	NA
F2204983002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 08:48	10/18/2022 14:03	1	NA
F2204983002	OLDE_MARCO	WA	EPA 180.1	10/18/2022 08:48	10/18/2022 14:03	1	NA
F2204983002	OLDE_MARCO	WA	EPA 351.2	10/18/2022 08:48	10/18/2022 14:03	1	NA
F2204983002	OLDE_MARCO	WA	EPA 365.3	10/18/2022 08:48	10/18/2022 14:03	1	NA
F2204983002	OLDE_MARCO	WA	Field Measurements	10/18/2022 08:48	10/18/2022 14:03	6	NA
F2204983002	OLDE_MARCO	WA	SM 10200 H	10/18/2022 08:48	10/18/2022 14:03	2	NA
F2204983002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	10/18/2022 08:48	10/18/2022 14:03	3	NA
F2204983003	JH_PARK	WA	Calculation	10/18/2022 09:10	10/18/2022 14:03	1	NA
F2204983003	JH_PARK	WA	DISRES	10/18/2022 09:10	10/18/2022 14:03	3	NA
F2204983003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 09:10	10/18/2022 14:03	1	NA
F2204983003	JH_PARK	WA	EPA 180.1	10/18/2022 09:10	10/18/2022 14:03	1	NA
F2204983003	JH_PARK	WA	EPA 351.2	10/18/2022 09:10	10/18/2022 14:03	1	NA
F2204983003	JH_PARK	WA	EPA 365.3	10/18/2022 09:10	10/18/2022 14:03	1	NA
F2204983003	JH_PARK	WA	Field Measurements	10/18/2022 09:10	10/18/2022 14:03	6	NA
F2204983003	JH_PARK	WA	SM 10200 H	10/18/2022 09:10	10/18/2022 14:03	2	NA
F2204983003	JH_PARK	WA	SM 4500NO3-F (Low Level)	10/18/2022 09:10	10/18/2022 14:03	3	NA
F2204983004	KENDALL	WA	Calculation	10/18/2022 09:21	10/18/2022 14:03	1	NA
F2204983004	KENDALL	WA	DISRES	10/18/2022 09:21	10/18/2022 14:03	3	NA
F2204983004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 09:21	10/18/2022 14:03	1	NA
F2204983004	KENDALL	WA	EPA 180.1	10/18/2022 09:21	10/18/2022 14:03	1	NA
F2204983004	KENDALL	WA	EPA 351.2	10/18/2022 09:21	10/18/2022 14:03	1	NA
F2204983004	KENDALL	WA	EPA 365.3	10/18/2022 09:21	10/18/2022 14:03	1	NA
F2204983004	KENDALL	WA	Field Measurements	10/18/2022 09:21	10/18/2022 14:03	6	NA

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Workorder: MARCO (F2204983)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2204983004	KENDALL	WA	SM 10200 H	10/18/2022 09:21	10/18/2022 14:03	2	NA
F2204983004	KENDALL	WA	SM 4500NO3-F (Low Level)	10/18/2022 09:21	10/18/2022 14:03	3	NA
F2204983005	COLLIER_BRIDGE	WA	Calculation	10/18/2022 09:31	10/18/2022 14:03	1	NA
F2204983005	COLLIER_BRIDGE	WA	DISRES	10/18/2022 09:31	10/18/2022 14:03	3	NA
F2204983005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 09:31	10/18/2022 14:03	1	NA
F2204983005	COLLIER_BRIDGE	WA	EPA 180.1	10/18/2022 09:31	10/18/2022 14:03	1	NA
F2204983005	COLLIER_BRIDGE	WA	EPA 351.2	10/18/2022 09:31	10/18/2022 14:03	1	NA
F2204983005	COLLIER_BRIDGE	WA	EPA 365.3	10/18/2022 09:31	10/18/2022 14:03	1	NA
F2204983005	COLLIER_BRIDGE	WA	Field Measurements	10/18/2022 09:31	10/18/2022 14:03	6	NA
F2204983005	COLLIER_BRIDGE	WA	SM 10200 H	10/18/2022 09:31	10/18/2022 14:03	2	NA
F2204983005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/18/2022 09:31	10/18/2022 14:03	3	NA
F2204983006	LANDMARK	WA	Calculation	10/18/2022 09:40	10/18/2022 14:03	1	NA
F2204983006	LANDMARK	WA	DISRES	10/18/2022 09:40	10/18/2022 14:03	3	NA
F2204983006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 09:40	10/18/2022 14:03	1	NA
F2204983006	LANDMARK	WA	EPA 180.1	10/18/2022 09:40	10/18/2022 14:03	1	NA
F2204983006	LANDMARK	WA	EPA 351.2	10/18/2022 09:40	10/18/2022 14:03	1	NA
F2204983006	LANDMARK	WA	EPA 365.3	10/18/2022 09:40	10/18/2022 14:03	1	NA
F2204983006	LANDMARK	WA	Field Measurements	10/18/2022 09:40	10/18/2022 14:03	6	NA
F2204983006	LANDMARK	WA	SM 10200 H	10/18/2022 09:40	10/18/2022 14:03	2	NA
F2204983006	LANDMARK	WA	SM 4500NO3-F (Low Level)	10/18/2022 09:40	10/18/2022 14:03	3	NA
F2204983007	LANDMARK_DUP	WA	Calculation	10/18/2022 09:46	10/18/2022 14:03	1	NA
F2204983007	LANDMARK_DUP	WA	DISRES	10/18/2022 09:46	10/18/2022 14:03	3	NA
F2204983007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 09:46	10/18/2022 14:03	1	NA
F2204983007	LANDMARK_DUP	WA	EPA 180.1	10/18/2022 09:46	10/18/2022 14:03	1	NA
F2204983007	LANDMARK_DUP	WA	EPA 351.2	10/18/2022 09:46	10/18/2022 14:03	1	NA
F2204983007	LANDMARK_DUP	WA	EPA 365.3	10/18/2022 09:46	10/18/2022 14:03	1	NA
F2204983007	LANDMARK_DUP	WA	Field Measurements	10/18/2022 09:46	10/18/2022 14:03	6	NA
F2204983007	LANDMARK_DUP	WA	SM 10200 H	10/18/2022 09:46	10/18/2022 14:03	2	NA
F2204983007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	10/18/2022 09:46	10/18/2022 14:03	3	NA
F2204983008	HC_CENTER	WA	Calculation	10/18/2022 09:55	10/18/2022 14:03	1	NA
F2204983008	HC_CENTER	WA	DISRES	10/18/2022 09:55	10/18/2022 14:03	3	NA
F2204983008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 09:55	10/18/2022 14:03	1	NA
F2204983008	HC_CENTER	WA	EPA 180.1	10/18/2022 09:55	10/18/2022 14:03	1	NA
F2204983008	HC_CENTER	WA	EPA 351.2	10/18/2022 09:55	10/18/2022 14:03	1	NA

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Workorder: MARCO (F2204983)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2204983008	HC_CENTER	WA	EPA 365.3	10/18/2022 09:55	10/18/2022 14:03	1	NA
F2204983008	HC_CENTER	WA	Field Measurements	10/18/2022 09:55	10/18/2022 14:03	6	NA
F2204983008	HC_CENTER	WA	SM 10200 H	10/18/2022 09:55	10/18/2022 14:03	2	NA
F2204983008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	10/18/2022 09:55	10/18/2022 14:03	3	NA
F2204983009	SWALLOW	WA	Calculation	10/18/2022 10:08	10/18/2022 14:03	1	NA
F2204983009	SWALLOW	WA	DISRES	10/18/2022 10:08	10/18/2022 14:03	3	NA
F2204983009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 10:08	10/18/2022 14:03	1	NA
F2204983009	SWALLOW	WA	EPA 180.1	10/18/2022 10:08	10/18/2022 14:03	1	NA
F2204983009	SWALLOW	WA	EPA 351.2	10/18/2022 10:08	10/18/2022 14:03	1	NA
F2204983009	SWALLOW	WA	EPA 365.3	10/18/2022 10:08	10/18/2022 14:03	1	NA
F2204983009	SWALLOW	WA	Field Measurements	10/18/2022 10:08	10/18/2022 14:03	6	NA
F2204983009	SWALLOW	WA	SM 10200 H	10/18/2022 10:08	10/18/2022 14:03	2	NA
F2204983009	SWALLOW	WA	SM 4500NO3-F (Low Level)	10/18/2022 10:08	10/18/2022 14:03	3	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	Calculation	10/18/2022 10:20	10/18/2022 14:03	1	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	DISRES	10/18/2022 10:20	10/18/2022 14:03	3	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 10:20	10/18/2022 14:03	1	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	10/18/2022 10:20	10/18/2022 14:03	1	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	10/18/2022 10:20	10/18/2022 14:03	1	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	10/18/2022 10:20	10/18/2022 14:03	1	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	10/18/2022 10:20	10/18/2022 14:03	6	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	10/18/2022 10:20	10/18/2022 14:03	2	NA
F2204983010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/18/2022 10:20	10/18/2022 14:03	3	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	Calculation	10/18/2022 10:31	10/18/2022 14:03	1	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	DISRES	10/18/2022 10:31	10/18/2022 14:03	3	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 10:31	10/18/2022 14:03	1	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	10/18/2022 10:31	10/18/2022 14:03	1	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	10/18/2022 10:31	10/18/2022 14:03	1	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	10/18/2022 10:31	10/18/2022 14:03	1	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	10/18/2022 10:31	10/18/2022 14:03	6	NA
F2204983011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	10/18/2022 10:31	10/18/2022 14:03	2	NA

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Workorder: MARCO (F2204983)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2204983011	E_WINTERBERRY_BRIDG E	WA	SM 4500NO3-F (Low Level)	10/18/2022 10:31	10/18/2022 14:03	3	NA
F2204983012	MCILVAINE	WA	Calculation	10/18/2022 10:43	10/18/2022 14:03	1	NA
F2204983012	MCILVAINE	WA	DISRES	10/18/2022 10:43	10/18/2022 14:03	3	NA
F2204983012	MCILVAINE	WA	ENTEROLERT/ QUANTI- TRAY	10/18/2022 10:43	10/18/2022 14:03	1	NA
F2204983012	MCILVAINE	WA	EPA 180.1	10/18/2022 10:43	10/18/2022 14:03	1	NA
F2204983012	MCILVAINE	WA	EPA 351.2	10/18/2022 10:43	10/18/2022 14:03	1	NA
F2204983012	MCILVAINE	WA	EPA 365.3	10/18/2022 10:43	10/18/2022 14:03	1	NA
F2204983012	MCILVAINE	WA	Field Measurements	10/18/2022 10:43	10/18/2022 14:03	6	NA
F2204983012	MCILVAINE	WA	SM 10200 H	10/18/2022 10:43	10/18/2022 14:03	2	NA
F2204983012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	10/18/2022 10:43	10/18/2022 14:03	3	NA
F2204983013	HUMMINGBIRD	WA	Calculation	10/18/2022 10:58	10/18/2022 14:03	1	NA
F2204983013	HUMMINGBIRD	WA	DISRES	10/18/2022 10:58	10/18/2022 14:03	3	NA
F2204983013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI- TRAY	10/18/2022 10:58	10/18/2022 14:03	1	NA
F2204983013	HUMMINGBIRD	WA	EPA 180.1	10/18/2022 10:58	10/18/2022 14:03	1	NA
F2204983013	HUMMINGBIRD	WA	EPA 351.2	10/18/2022 10:58	10/18/2022 14:03	1	NA
F2204983013	HUMMINGBIRD	WA	EPA 365.3	10/18/2022 10:58	10/18/2022 14:03	1	NA
F2204983013	HUMMINGBIRD	WA	Field Measurements	10/18/2022 10:58	10/18/2022 14:03	6	NA
F2204983013	HUMMINGBIRD	WA	SM 10200 H	10/18/2022 10:58	10/18/2022 14:03	2	NA
F2204983013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	10/18/2022 10:58	10/18/2022 14:03	3	NA
F2204983014	HOLLYHOCK	WA	Calculation	10/18/2022 11:09	10/18/2022 14:03	1	NA
F2204983014	HOLLYHOCK	WA	DISRES	10/18/2022 11:09	10/18/2022 14:03	3	NA
F2204983014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI- TRAY	10/18/2022 11:09	10/18/2022 14:03	1	NA
F2204983014	HOLLYHOCK	WA	EPA 180.1	10/18/2022 11:09	10/18/2022 14:03	1	NA
F2204983014	HOLLYHOCK	WA	EPA 351.2	10/18/2022 11:09	10/18/2022 14:03	1	NA
F2204983014	HOLLYHOCK	WA	EPA 365.3	10/18/2022 11:09	10/18/2022 14:03	1	NA
F2204983014	HOLLYHOCK	WA	Field Measurements	10/18/2022 11:09	10/18/2022 14:03	6	NA
F2204983014	HOLLYHOCK	WA	SM 10200 H	10/18/2022 11:09	10/18/2022 14:03	2	NA
F2204983014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	10/18/2022 11:09	10/18/2022 14:03	3	NA
F2204983015	WINDMILL	WA	Calculation	10/18/2022 11:20	10/18/2022 14:03	1	NA
F2204983015	WINDMILL	WA	DISRES	10/18/2022 11:20	10/18/2022 14:03	3	NA
F2204983015	WINDMILL	WA	ENTEROLERT/ QUANTI- TRAY	10/18/2022 11:20	10/18/2022 14:03	1	NA
F2204983015	WINDMILL	WA	EPA 180.1	10/18/2022 11:20	10/18/2022 14:03	1	NA
F2204983015	WINDMILL	WA	EPA 351.2	10/18/2022 11:20	10/18/2022 14:03	1	NA

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Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2204983015	WINDMILL	WA	EPA 365.3	10/18/2022 11:20	10/18/2022 14:03	1	NA
F2204983015	WINDMILL	WA	Field Measurements	10/18/2022 11:20	10/18/2022 14:03	6	NA
F2204983015	WINDMILL	WA	SM 10200 H	10/18/2022 11:20	10/18/2022 14:03	2	NA
F2204983015	WINDMILL	WA	SM 4500NO3-F (Low Level)	10/18/2022 11:20	10/18/2022 14:03	3	NA
F2204983016	EQUIPMENT_BLANK	WA	Calculation	10/18/2022 11:23	10/18/2022 14:03	1	NA
F2204983016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 11:23	10/18/2022 14:03	1	NA
F2204983016	EQUIPMENT_BLANK	WA	EPA 180.1	10/18/2022 11:23	10/18/2022 14:03	1	NA
F2204983016	EQUIPMENT_BLANK	WA	EPA 351.2	10/18/2022 11:23	10/18/2022 14:03	1	NA
F2204983016	EQUIPMENT_BLANK	WA	EPA 365.3	10/18/2022 11:23	10/18/2022 14:03	1	NA
F2204983016	EQUIPMENT_BLANK	WA	SM 10200 H	10/18/2022 11:23	10/18/2022 14:03	2	NA
F2204983016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	10/18/2022 11:23	10/18/2022 14:03	3	NA
F2204983017	EAST_RIVER_MARKER_3	WA	Calculation	10/18/2022 08:22	10/18/2022 14:03	1	NA
F2204983017	EAST_RIVER_MARKER_3	WA	DISRES	10/18/2022 08:22	10/18/2022 14:03	3	NA
F2204983017	EAST_RIVER_MARKER_3	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 08:22	10/18/2022 14:03	1	NA
F2204983017	EAST_RIVER_MARKER_3	WA	EPA 180.1	10/18/2022 08:22	10/18/2022 14:03	1	NA
F2204983017	EAST_RIVER_MARKER_3	WA	EPA 351.2	10/18/2022 08:22	10/18/2022 14:03	1	NA
F2204983017	EAST_RIVER_MARKER_3	WA	EPA 365.3	10/18/2022 08:22	10/18/2022 14:03	1	NA
F2204983017	EAST_RIVER_MARKER_3	WA	Field Measurements	10/18/2022 08:22	10/18/2022 14:03	6	NA
F2204983017	EAST_RIVER_MARKER_3	WA	SM 10200 H	10/18/2022 08:22	10/18/2022 14:03	2	NA
F2204983017	EAST_RIVER_MARKER_3	WA	SM 4500NO3-F (Low Level)	10/18/2022 08:22	10/18/2022 14:03	3	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	Calculation	10/18/2022 08:01	10/18/2022 14:03	1	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	DISRES	10/18/2022 08:01	10/18/2022 14:03	3	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 08:01	10/18/2022 14:03	1	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	EPA 180.1	10/18/2022 08:01	10/18/2022 14:03	1	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	EPA 351.2	10/18/2022 08:01	10/18/2022 14:03	1	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	EPA 365.3	10/18/2022 08:01	10/18/2022 14:03	1	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	Field Measurements	10/18/2022 08:01	10/18/2022 14:03	6	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	SM 10200 H	10/18/2022 08:01	10/18/2022 14:03	2	NA
F2204983018	MID_CHANNEL_MARKER_12	WA	SM 4500NO3-F (Low Level)	10/18/2022 08:01	10/18/2022 14:03	3	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	Calculation	10/18/2022 07:48	10/18/2022 14:03	1	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	DISRES	10/18/2022 07:48	10/18/2022 14:03	3	NA

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Workorder: MARCO (F2204983)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
F2204983019	CAPRI_PASS_MARKER_2	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 07:48	10/18/2022 14:03	1	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	EPA 180.1	10/18/2022 07:48	10/18/2022 14:03	1	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	EPA 351.2	10/18/2022 07:48	10/18/2022 14:03	1	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	EPA 365.3	10/18/2022 07:48	10/18/2022 14:03	1	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	Field Measurements	10/18/2022 07:48	10/18/2022 14:03	6	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	SM 10200 H	10/18/2022 07:48	10/18/2022 14:03	2	NA
F2204983019	CAPRI_PASS_MARKER_2	WA	SM 4500NO3-F (Low Level)	10/18/2022 07:48	10/18/2022 14:03	3	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	Calculation	10/18/2022 07:25	10/18/2022 14:03	1	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	DISRES	10/18/2022 07:25	10/18/2022 14:03	3	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	ENTEROLERT/ QUANTI-TRAY	10/18/2022 07:25	10/18/2022 14:03	1	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	EPA 180.1	10/18/2022 07:25	10/18/2022 14:03	1	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	EPA 351.2	10/18/2022 07:25	10/18/2022 14:03	1	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	EPA 365.3	10/18/2022 07:25	10/18/2022 14:03	1	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	Field Measurements	10/18/2022 07:25	10/18/2022 14:03	6	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	SM 10200 H	10/18/2022 07:25	10/18/2022 14:03	2	NA
F2204983020	CAPRI_PASS_MARKER_4	WA	SM 4500NO3-F (Low Level)	10/18/2022 07:25	10/18/2022 14:03	3	NA

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Workorder: MARCO (F2204983)

Workorder Summary

Batch Comments

WCAg/8588 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for J2213957002 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of J2213957002 was outside control criteria: TKN. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

The matrix spike recoveries of TKN for F2207983008 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 relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of F2204983008 was outside control criteria: TKN. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

WCAg/8605 - TKN,E351.2 Analysis,Water

The matrix spike (MS) recoveries of TKN for F2204983017 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike (MS) recoveries of TKN for J2214029002 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.

WCAt/15419 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recovery of Nitrate (as N), Nitrite (as N), and Nitrate + Nitrite for F2204983001 was outside control criteria. Recoveries 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.

WCAt/15420 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recovery of Nitrate (as N) and Nitrate + Nitrite for F2204983011 was outside control criteria. Recoveries 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.

WCAt/16004 - TKN,E351.2 Analysis,Water

The matrix spike recovery of Total Kjeldahl Nitrogen for F2204983001 was outside control criteria. Recoveries 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 low bias in this matrix. No further corrective action was required.

The matrix spike recovery of Total Kjeldahl Nitrogen for F2204983011 was outside control criteria. Recoveries 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 low bias in this matrix. No further corrective action was required.

Task Comments

F2204983001 (BARFIELD_BRIDGE) - WCAt/15419 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recovery of Nitrate (as N), Nitrite (as N), and Nitrate + Nitrite for F2204983001 was outside control criteria. Recoveries 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.

F2204983001 (BARFIELD_BRIDGE) - WCAt/16004 - TKN,E351.2 Analysis,Water

The matrix spike recovery of Total Kjeldahl Nitrogen for F2204983001 was outside control criteria. Recoveries 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 low bias in this matrix. No further corrective action was required.

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Workorder: MARCO (F2204983)

Workorder Summary

Task Comments

F2204983011 (E_WINTERBERRY_BRIDGE) - WCA1/15420 - Nitrate+Nitrite LL,SM4500NO3F

The matrix spike recovery of Nitrate (as N) and Nitrate + Nitrite for F2204983011 was outside control criteria. Recoveries 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.

F2204983011 (E_WINTERBERRY_BRIDGE) - WCA1/16004 - TKN,E351.2 Analysis,Water

The matrix spike recovery of Total Kjeldahl Nitrogen for F2204983011 was outside control criteria. Recoveries 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 low bias in this matrix. No further corrective action was required.

Analysis Results Comments

F2204983001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

Samples F2204983001-20 were filtered on 10/18/2022 at 17:22

F2204983001 (BARFIELD_BRIDGE) - Nitrate (as N)

J4|Estimated Result

F2204983001 (BARFIELD_BRIDGE) - Nitrate + Nitrite

J4|Estimated Result

F2204983001 (BARFIELD_BRIDGE) - Nitrite (as N)

J4|Estimated Result

F2204983011 (E_WINTERBERRY_BRIDGE) - Nitrate (as N)

J4|Estimated Result

F2204983011 (E_WINTERBERRY_BRIDGE) - Nitrate + Nitrite

J4|Estimated Result

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Workorder: MARCO (F2204983)

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 (F2204983)

Analytical Results

Lab ID: F2204983001 **Date Collected:** 10/18/2022 08:58 **Matrix:** Water
Sample ID: BARFIELD_BRIDGE **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 08:58	10/18/2022 08:58	X
Secchi Disc	2	feet			1	10/18/2022 08:58	10/18/2022 08:58	F
Total Depth	2	meters			1	10/18/2022 08:58	10/18/2022 08:58	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	45585	umhos/cm			1	10/18/2022 08:58	10/18/2022 08:58	F
DO Saturation %	55.6	%			1	10/18/2022 08:58	10/18/2022 08:58	F
Dissolved Oxygen	3.73	mg/L			1	10/18/2022 08:58	10/18/2022 08:58	F
Salinity	29.6	ppt			1	10/18/2022 08:58	10/18/2022 08:58	F
Temperature	27.4	°C			1	10/18/2022 08:58	10/18/2022 08:58	F
pH	8.58	SU			1	10/18/2022 08:58	10/18/2022 08:58	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	150	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:00	11/17/2022 23:00	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.9	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.033	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.034	mg/L	0.010	0.0060	1	10/19/2022 11:44	10/19/2022 11:44	T
Nitrate + Nitrite	0.040	mg/L	0.020	0.010	1	10/19/2022 11:44	10/19/2022 11:44	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:44	10/19/2022 11:44	T





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Workorder: MARCO (F2204983)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983002 **Date Collected:** 10/18/2022 08:48 **Matrix:** Water
Sample ID: OLDE_MARCO **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 08:48	10/18/2022 08:48	X
Secchi Disc	1.5	feet			1	10/18/2022 08:48	10/18/2022 08:48	F
Total Depth	1.5	meters			1	10/18/2022 08:48	10/18/2022 08:48	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	45289	umhos/cm			1	10/18/2022 08:48	10/18/2022 08:48	F
DO Saturation %	68.6	%			1	10/18/2022 08:48	10/18/2022 08:48	F
Dissolved Oxygen	4.62	mg/L			1	10/18/2022 08:48	10/18/2022 08:48	F
Salinity	29.25	ppt			1	10/18/2022 08:48	10/18/2022 08:48	F
Temperature	27	°C			1	10/18/2022 08:48	10/18/2022 08:48	F
pH	8.36	SU			1	10/18/2022 08:48	10/18/2022 08:48	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.129 I	mg/L	0.20	0.12	1	11/17/2022 23:02	11/17/2022 23:02	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.8	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.006 I	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.13	mg/L	0.010	0.0060	1	10/19/2022 11:46	10/19/2022 11:46	T
Nitrate + Nitrite	0.13	mg/L	0.020	0.010	1	10/19/2022 11:46	10/19/2022 11:46	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:46	10/19/2022 11:46	T





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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983003 **Date Collected:** 10/18/2022 09:10 **Matrix:** Water
Sample ID: JH_PARK **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 09:10	10/18/2022 09:10	X
Secchi Disc	2.5	feet			1	10/18/2022 09:10	10/18/2022 09:10	F
Total Depth	4	meters			1	10/18/2022 09:10	10/18/2022 09:10	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	43866	umhos/cm			1	10/18/2022 09:10	10/18/2022 09:10	F
DO Saturation %	54	%			1	10/18/2022 09:10	10/18/2022 09:10	F
Dissolved Oxygen	3.61	mg/L			1	10/18/2022 09:10	10/18/2022 09:10	F
Salinity	28.19	ppt			1	10/18/2022 09:10	10/18/2022 09:10	F
Temperature	28.1	°C			1	10/18/2022 09:10	10/18/2022 09:10	F
pH	8.34	SU			1	10/18/2022 09:10	10/18/2022 09:10	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	41	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:03	11/17/2022 23:03	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.96	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.053	mg/L	0.010	0.0060	1	10/19/2022 11:47	10/19/2022 11:47	T
Nitrate + Nitrite	0.059	mg/L	0.020	0.010	1	10/19/2022 11:47	10/19/2022 11:47	T
Nitrite (as N)	0.0080 I	mg/L	0.010	0.0080	1	10/19/2022 11:47	10/19/2022 11:47	T





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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983004 **Date Collected:** 10/18/2022 09:21 **Matrix:** Water
Sample ID: KENDALL **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/28/2022 10:20	10/28/2022 10:20	X
Secchi Disc	2.5	feet			1	10/28/2022 10:20	10/28/2022 10:20	F
Total Depth	1	meters			1	10/28/2022 10:20	10/28/2022 10:20	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	43807	umhos/cm			1	10/18/2022 09:21	10/18/2022 09:21	F
DO Saturation %	41.3	%			1	10/18/2022 09:21	10/18/2022 09:21	F
Dissolved Oxygen	2.77	mg/L			1	10/18/2022 09:21	10/18/2022 09:21	F
Salinity	28.14	ppt			1	10/18/2022 09:21	10/18/2022 09:21	F
Temperature	27.9	°C			1	10/18/2022 09:21	10/18/2022 09:21	F
pH	8.19	SU			1	10/18/2022 09:21	10/18/2022 09:21	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:05	11/17/2022 23:05	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.3	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.017	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.052	mg/L	0.010	0.0060	1	10/19/2022 11:47	10/19/2022 11:47	T
Nitrate + Nitrite	0.058	mg/L	0.020	0.010	1	10/19/2022 11:47	10/19/2022 11:47	T
Nitrite (as N)	0.0080 I	mg/L	0.010	0.0080	1	10/19/2022 11:47	10/19/2022 11:47	T





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Workorder: MARCO (F2204983)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2204983005 Date Collected: 10/18/2022 09:31 Matrix: Water								
Sample ID: COLLIER_BRIDGE Date Received: 10/18/2022 14:03								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 09:31	10/18/2022 09:31	X
Secchi Disc	2	feet			1	10/18/2022 09:31	10/18/2022 09:31	F
Total Depth	2	meters			1	10/18/2022 09:31	10/18/2022 09:31	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	42981	umhos/cm			1	10/18/2022 09:31	10/18/2022 09:31	F
DO Saturation %	30.8	%			1	10/18/2022 09:31	10/18/2022 09:31	F
Dissolved Oxygen	2.05	mg/L			1	10/18/2022 09:31	10/18/2022 09:31	F
Salinity	27.56	ppt			1	10/18/2022 09:31	10/18/2022 09:31	F
Temperature	28.5	°C			1	10/18/2022 09:31	10/18/2022 09:31	F
pH	8.16	SU			1	10/18/2022 09:31	10/18/2022 09:31	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	63	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.379	mg/L	0.20	0.12	1	11/17/2022 23:07	11/17/2022 23:07	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.3021	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.80	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.038	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.068	mg/L	0.010	0.0060	1	10/19/2022 11:48	10/19/2022 11:48	T
Nitrate + Nitrite	0.077	mg/L	0.020	0.010	1	10/19/2022 11:48	10/19/2022 11:48	T
Nitrite (as N)	0.011	mg/L	0.010	0.0080	1	10/19/2022 11:48	10/19/2022 11:48	T





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Workorder: MARCO (F2204983)

Analytical Results

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983006 **Date Collected:** 10/18/2022 09:40 **Matrix:** Water
Sample ID: LANDMARK **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 09:40	10/18/2022 09:40	X
Secchi Disc	2.25	feet			1	10/18/2022 09:40	10/18/2022 09:40	F
Total Depth	2.25	meters			1	10/18/2022 09:40	10/18/2022 09:40	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47280	umhos/cm			1	10/18/2022 09:40	10/18/2022 09:40	F
DO Saturation %	58.4	%			1	10/18/2022 09:40	10/18/2022 09:40	F
Dissolved Oxygen	3.81	mg/L			1	10/18/2022 09:40	10/18/2022 09:40	F
Salinity	30.66	ppt			1	10/18/2022 09:40	10/18/2022 09:40	F
Temperature	28.3	°C			1	10/18/2022 09:40	10/18/2022 09:40	F
pH	8.05	SU			1	10/18/2022 09:40	10/18/2022 09:40	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	85	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:09	11/17/2022 23:09	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.4	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.022	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 I	mg/L	0.010	0.0060	1	10/19/2022 11:49	10/19/2022 11:49	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/19/2022 11:49	10/19/2022 11:49	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:49	10/19/2022 11:49	T





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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983007 **Date Collected:** 10/18/2022 09:46 **Matrix:** Water
Sample ID: LANDMARK_DUP **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 09:46	10/18/2022 09:46	X
Secchi Disc	2.25	feet			1	10/18/2022 09:46	10/18/2022 09:46	F
Total Depth	2.25	meters			1	10/18/2022 09:46	10/18/2022 09:46	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47378	umhos/cm			1	10/18/2022 09:46	10/18/2022 09:46	F
DO Saturation %	42.8	%			1	10/18/2022 09:46	10/18/2022 09:46	F
Dissolved Oxygen	2.81	mg/L			1	10/18/2022 09:46	10/18/2022 09:46	F
Salinity	30.72	ppt			1	10/18/2022 09:46	10/18/2022 09:46	F
Temperature	28.4	°C			1	10/18/2022 09:46	10/18/2022 09:46	F
pH	8	SU			1	10/18/2022 09:46	10/18/2022 09:46	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	84	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.211	mg/L	0.20	0.12	1	11/17/2022 23:13	11/17/2022 23:13	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.211 I	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.3	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.009 I	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0070 I	mg/L	0.010	0.0060	1	10/19/2022 11:50	10/19/2022 11:50	T
Nitrate + Nitrite	0.010 I	mg/L	0.020	0.010	1	10/19/2022 11:50	10/19/2022 11:50	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:50	10/19/2022 11:50	T





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Analytical Results

Lab ID: F2204983008 **Date Collected:** 10/18/2022 09:55 **Matrix:** Water
Sample ID: HC_CENTER **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 09:55	10/18/2022 09:55	X
Secchi Disc	2.25	feet			1	10/18/2022 09:55	10/18/2022 09:55	F
Total Depth	1.5	meters			1	10/18/2022 09:55	10/18/2022 09:55	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47382	umhos/cm			1	10/18/2022 09:55	10/18/2022 09:55	F
DO Saturation %	42.1	%			1	10/18/2022 09:55	10/18/2022 09:55	F
Dissolved Oxygen	2.75	mg/L			1	10/18/2022 09:55	10/18/2022 09:55	F
Salinity	30.74	ppt			1	10/18/2022 09:55	10/18/2022 09:55	F
Temperature	28	°C			1	10/18/2022 09:55	10/18/2022 09:55	F
pH	8	SU			1	10/18/2022 09:55	10/18/2022 09:55	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.193 I	mg/L	0.20	0.12	1	11/17/2022 23:15	11/17/2022 23:15	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/25/2022 16:40	10/26/2022 15:26	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.73	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.006 I	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.032	mg/L	0.010	0.0060	1	10/19/2022 11:50	10/19/2022 11:50	T
Nitrate + Nitrite	0.038	mg/L	0.020	0.010	1	10/19/2022 11:50	10/19/2022 11:50	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:50	10/19/2022 11:50	T





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Workorder: MARCO (F2204983)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983009 **Date Collected:** 10/18/2022 10:08 **Matrix:** Water
Sample ID: SWALLOW **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 10:08	10/18/2022 10:08	X
Secchi Disc	1	feet			1	10/18/2022 10:08	10/18/2022 10:08	F
Total Depth	2.25	meters			1	10/18/2022 10:08	10/18/2022 10:08	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47445	umhos/cm			1	10/18/2022 10:08	10/18/2022 10:08	F
DO Saturation %	29.9	%			1	10/18/2022 10:08	10/18/2022 10:08	F
Dissolved Oxygen	1.95	mg/L			1	10/18/2022 10:08	10/18/2022 10:08	F
Salinity	30.77	ppt			1	10/18/2022 10:08	10/18/2022 10:08	F
Temperature	28.7	°C			1	10/18/2022 10:08	10/18/2022 10:08	F
pH	8.09	SU			1	10/18/2022 10:08	10/18/2022 10:08	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	51	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.478	mg/L	0.20	0.12	1	11/17/2022 23:18	11/17/2022 23:18	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.440 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.6	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.033	mg/L	0.010	0.0060	1	10/19/2022 11:51	10/19/2022 11:51	T
Nitrate + Nitrite	0.038	mg/L	0.020	0.010	1	10/19/2022 11:51	10/19/2022 11:51	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:51	10/19/2022 11:51	T





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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983010 **Date Collected:** 10/18/2022 10:20 **Matrix:** Water
Sample ID: W_WINTERBERRY_BRID **Date Received:** 10/18/2022 14:03
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 10:20	10/18/2022 10:20	X
Secchi Disc	1.5	feet			1	10/18/2022 10:20	10/18/2022 10:20	F
Total Depth	2.5	meters			1	10/18/2022 10:20	10/18/2022 10:20	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47072	umhos/cm			1	10/18/2022 10:20	10/18/2022 10:20	F
DO Saturation %	54.2	%			1	10/18/2022 10:20	10/18/2022 10:20	F
Dissolved Oxygen	3.59	mg/L			1	10/18/2022 10:20	10/18/2022 10:20	F
Salinity	30.52	ppt			1	10/18/2022 10:20	10/18/2022 10:20	F
Temperature	27.9	°C			1	10/18/2022 10:20	10/18/2022 10:20	F
pH	8.31	SU			1	10/18/2022 10:20	10/18/2022 10:20	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.492	mg/L	0.20	0.12	1	11/17/2022 23:19	11/17/2022 23:19	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.413 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.9	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.019	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.075	mg/L	0.010	0.0060	1	10/19/2022 11:52	10/19/2022 11:52	T
Nitrate + Nitrite	0.079	mg/L	0.020	0.010	1	10/19/2022 11:52	10/19/2022 11:52	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:52	10/19/2022 11:52	T





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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983011 **Date Collected:** 10/18/2022 10:31 **Matrix:** Water
Sample ID: E_WINTERBERRY_BRID **Date Received:** 10/18/2022 14:03
 GE

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 10:31	10/18/2022 10:31	X
Secchi Disc	1.5	feet			1	10/18/2022 10:31	10/18/2022 10:31	F
Total Depth	2.25	meters			1	10/18/2022 10:31	10/18/2022 10:31	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47145	umhos/cm			1	10/18/2022 10:31	10/18/2022 10:31	F
DO Saturation %	69.1	%			1	10/18/2022 10:31	10/18/2022 10:31	F
Dissolved Oxygen	4.55	mg/L			1	10/18/2022 10:31	10/18/2022 10:31	F
Salinity	30.46	ppt			1	10/18/2022 10:31	10/18/2022 10:31	F
Temperature	28.3	°C			1	10/18/2022 10:31	10/18/2022 10:31	F
pH	8.38	SU			1	10/18/2022 10:31	10/18/2022 10:31	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	41	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.360	mg/L	0.20	0.12	1	11/17/2022 23:22	11/17/2022 23:22	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.343 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	4.6	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.014	mg/L	0.010	0.0060	1	10/19/2022 12:00	10/19/2022 12:00	T
Nitrate + Nitrite	0.017 I	mg/L	0.020	0.010	1	10/19/2022 12:00	10/19/2022 12:00	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:00	10/19/2022 12:00	T





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Workorder: MARCO (F2204983)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983012 **Date Collected:** 10/18/2022 10:43 **Matrix:** Water
Sample ID: MCILVAINE **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 10:43	10/18/2022 10:43	X
Secchi Disc	2	feet			1	10/18/2022 10:43	10/18/2022 10:43	F
Total Depth	2.5	meters			1	10/18/2022 10:43	10/18/2022 10:43	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47896	umhos/cm			1	10/18/2022 10:43	10/18/2022 10:43	F
DO Saturation %	42.6	%			1	10/18/2022 10:43	10/18/2022 10:43	F
Dissolved Oxygen	2.81	mg/L			1	10/18/2022 10:43	10/18/2022 10:43	F
Salinity	31.12	ppt			1	10/18/2022 10:43	10/18/2022 10:43	F
Temperature	27.7	°C			1	10/18/2022 10:43	10/18/2022 10:43	F
pH	8.39	SU			1	10/18/2022 10:43	10/18/2022 10:43	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	75	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.359	mg/L	0.20	0.12	1	11/17/2022 23:23	11/17/2022 23:23	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.316 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.6	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.006 I	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	6.4	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.038	mg/L	0.010	0.0060	1	10/19/2022 12:02	10/19/2022 12:02	T
Nitrate + Nitrite	0.043	mg/L	0.020	0.010	1	10/19/2022 12:02	10/19/2022 12:02	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:02	10/19/2022 12:02	T





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Workorder: MARCO (F2204983)

Analytical Results

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983013 **Date Collected:** 10/18/2022 10:58 **Matrix:** Water
Sample ID: HUMMINGBIRD **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 10:58	10/18/2022 10:58	X
Secchi Disc	1.5	feet			1	10/18/2022 10:58	10/18/2022 10:58	F
Total Depth	1.5	meters			1	10/18/2022 10:58	10/18/2022 10:58	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	43317	umhos/cm			1	10/18/2022 10:58	10/18/2022 10:58	F
DO Saturation %	50.8	%			1	10/18/2022 10:58	10/18/2022 10:58	F
Dissolved Oxygen	3.38	mg/L			1	10/18/2022 10:58	10/18/2022 10:58	F
Salinity	27.86	ppt			1	10/18/2022 10:58	10/18/2022 10:58	F
Temperature	28.7	°C			1	10/18/2022 10:58	10/18/2022 10:58	F
pH	8.48	SU			1	10/18/2022 10:58	10/18/2022 10:58	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.360	mg/L	0.20	0.12	1	11/17/2022 23:25	11/17/2022 23:25	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.321 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.4	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	12	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.036	mg/L	0.010	0.0060	1	10/19/2022 12:03	10/19/2022 12:03	T
Nitrate + Nitrite	0.039	mg/L	0.020	0.010	1	10/19/2022 12:03	10/19/2022 12:03	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:03	10/19/2022 12:03	T





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Lab ID: F2204983014 **Date Collected:** 10/18/2022 11:09 **Matrix:** Water
Sample ID: HOLLYHOCK **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 11:09	10/18/2022 11:09	X
Secchi Disc	1.5	feet			1	10/18/2022 11:09	10/18/2022 11:09	F
Total Depth	1.5	meters			1	10/18/2022 11:09	10/18/2022 11:09	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	44610	umhos/cm			1	10/18/2022 11:09	10/18/2022 11:09	F
DO Saturation %	31.9	%			1	10/18/2022 11:09	10/18/2022 11:09	F
Dissolved Oxygen	2.09	mg/L			1	10/18/2022 11:09	10/18/2022 11:09	F
Salinity	28.71	ppt			1	10/18/2022 11:09	10/18/2022 11:09	F
Temperature	28.6	°C			1	10/18/2022 11:09	10/18/2022 11:09	F
pH	8.31	SU			1	10/18/2022 11:09	10/18/2022 11:09	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.248	mg/L	0.20	0.12	1	11/17/2022 23:26	11/17/2022 23:26	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.84	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.090	mg/L	0.010	0.0060	1	10/19/2022 12:04	10/19/2022 12:04	T
Nitrate + Nitrite	0.10	mg/L	0.020	0.010	1	10/19/2022 12:04	10/19/2022 12:04	T
Nitrite (as N)	0.013	mg/L	0.010	0.0080	1	10/19/2022 12:04	10/19/2022 12:04	T





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Lab ID: F2204983015 **Date Collected:** 10/18/2022 11:20 **Matrix:** Water
Sample ID: WINDMILL **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 11:20	10/18/2022 11:20	X
Secchi Disc	1	feet			1	10/18/2022 11:20	10/18/2022 11:20	F
Total Depth	2.5	meters			1	10/18/2022 11:20	10/18/2022 11:20	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	43980	umhos/cm			1	10/18/2022 11:20	10/18/2022 11:20	F
DO Saturation %	73.8	%			1	10/18/2022 11:20	10/18/2022 11:20	F
Dissolved Oxygen	4.93	mg/L			1	10/18/2022 11:20	10/18/2022 11:20	F
Salinity	28.36	ppt			1	10/18/2022 11:20	10/18/2022 11:20	F
Temperature	27.9	°C			1	10/18/2022 11:20	10/18/2022 11:20	F
pH	8.44	SU			1	10/18/2022 11:20	10/18/2022 11:20	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	61	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:27	11/17/2022 23:27	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.6	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.006 I	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.021	mg/L	0.010	0.0060	1	10/19/2022 12:05	10/19/2022 12:05	T
Nitrate + Nitrite	0.025	mg/L	0.020	0.010	1	10/19/2022 12:05	10/19/2022 12:05	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:05	10/19/2022 12:05	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2204983016 Date Collected: 10/18/2022 11:23 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 10/18/2022 14:03								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1.0 U	MPN/100 mL	1.0	1.0	1	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:29	11/17/2022 23:29	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.10 U	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	1	10/19/2022 11:59	10/19/2022 11:59	T
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	1	10/19/2022 11:59	10/19/2022 11:59	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 11:59	10/19/2022 11:59	T





FINAL

Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983017 **Date Collected:** 10/18/2022 08:22 **Matrix:** Water
Sample ID: EAST_RIVER_MARKER_3 **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 08:22	10/18/2022 08:22	X
Secchi Disc	2	feet			1	10/18/2022 08:22	10/18/2022 08:22	F
Total Depth	2.5	meters			1	10/18/2022 08:22	10/18/2022 08:22	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	45523	umhos/cm			1	10/18/2022 08:22	10/18/2022 08:22	F
DO Saturation %	63.8	%			1	10/18/2022 08:22	10/18/2022 08:22	F
Dissolved Oxygen	4.3	mg/L			1	10/18/2022 08:22	10/18/2022 08:22	F
Salinity	29.41	ppt			1	10/18/2022 08:22	10/18/2022 08:22	F
Temperature	27.1	°C			1	10/18/2022 08:22	10/18/2022 08:22	F
pH	8.34	SU			1	10/18/2022 08:22	10/18/2022 08:22	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.295	mg/L	0.20	0.12	1	11/17/2022 23:31	11/17/2022 23:31	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.261 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	3.7	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.038	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.030	mg/L	0.010	0.0060	1	10/19/2022 12:05	10/19/2022 12:05	T
Nitrate + Nitrite	0.034	mg/L	0.020	0.010	1	10/19/2022 12:05	10/19/2022 12:05	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:05	10/19/2022 12:05	T





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Workorder: MARCO (F2204983)

Analytical Results

Analysis Results Comments

Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983018 **Date Collected:** 10/18/2022 08:01 **Matrix:** Water
Sample ID: MID_CHANNEL_MARKER **Date Received:** 10/18/2022 14:03
 12

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 08:01	10/18/2022 08:01	X
Secchi Disc	2.5	feet			1	10/18/2022 08:01	10/18/2022 08:01	F
Total Depth	7	meters			1	10/18/2022 08:01	10/18/2022 08:01	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	48089	umhos/cm			1	10/18/2022 08:01	10/18/2022 08:01	F
DO Saturation %	75.9	%			1	10/18/2022 08:01	10/18/2022 08:01	F
Dissolved Oxygen	5.07	mg/L			1	10/18/2022 08:01	10/18/2022 08:01	F
Salinity	31.21	ppt			1	10/18/2022 08:01	10/18/2022 08:01	F
Temperature	26.8	°C			1	10/18/2022 08:01	10/18/2022 08:01	F
pH	8.48	SU			1	10/18/2022 08:01	10/18/2022 08:01	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:33	11/17/2022 23:33	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.5	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.033	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.011	mg/L	0.010	0.0060	1	10/19/2022 12:06	10/19/2022 12:06	T
Nitrate + Nitrite	0.014 I	mg/L	0.020	0.010	1	10/19/2022 12:06	10/19/2022 12:06	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:06	10/19/2022 12:06	T





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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983019 **Date Collected:** 10/18/2022 07:48 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_2 **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 07:48	10/18/2022 07:48	X
Secchi Disc	2.5	feet			1	10/18/2022 07:48	10/18/2022 07:48	F
Total Depth	6	meters			1	10/18/2022 07:48	10/18/2022 07:48	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	49148	umhos/cm			1	10/18/2022 07:48	10/18/2022 07:48	F
DO Saturation %	75	%			1	10/18/2022 07:48	10/18/2022 07:48	F
Dissolved Oxygen	4.99	mg/L			1	10/18/2022 07:48	10/18/2022 07:48	F
Salinity	32.06	ppt			1	10/18/2022 07:48	10/18/2022 07:48	F
Temperature	26.9	°C			1	10/18/2022 07:48	10/18/2022 07:48	F
pH	8.33	SU			1	10/18/2022 07:48	10/18/2022 07:48	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.277	mg/L	0.20	0.12	1	11/17/2022 23:34	11/17/2022 23:34	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.262 I	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2.4	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.012	mg/L	0.010	0.0060	1	10/19/2022 12:07	10/19/2022 12:07	T
Nitrate + Nitrite	0.015 I	mg/L	0.020	0.010	1	10/19/2022 12:07	10/19/2022 12:07	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:07	10/19/2022 12:07	T





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FINAL

Workorder: MARCO (F2204983)

Analytical Results

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Workorder: MARCO (F2204983)

Analytical Results

Lab ID: F2204983020 **Date Collected:** 10/18/2022 07:25 **Matrix:** Water
Sample ID: CAPRI_PASS_MARKER_4 **Date Received:** 10/18/2022 14:03

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/18/2022 07:25	10/18/2022 07:25	X
Secchi Disc	3	feet			1	10/18/2022 07:25	10/18/2022 07:25	F
Total Depth	3.5	meters			1	10/18/2022 07:25	10/18/2022 07:25	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	48435	umhos/cm			1	10/18/2022 07:25	10/18/2022 07:25	F
DO Saturation %	71.7	%			1	10/18/2022 07:25	10/18/2022 07:25	F
Dissolved Oxygen	4.78	mg/L			1	10/18/2022 07:25	10/18/2022 07:25	F
Salinity	31.57	ppt			1	10/18/2022 07:25	10/18/2022 07:25	F
Temperature	26.8	°C			1	10/18/2022 07:25	10/18/2022 07:25	F
pH	8.19	SU			1	10/18/2022 07:25	10/18/2022 07:25	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100 mL	10	10	10	10/18/2022 15:21	10/18/2022 15:21	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.20	0.12	1	11/17/2022 23:35	11/17/2022 23:35	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.50	0.20	1	10/26/2022 16:55	10/27/2022 11:34	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1.8	NTU	0.10	0.10	1	10/19/2022 15:15	10/19/2022 15:15	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	1	10/27/2022 10:30	10/28/2022 14:00	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/27/2022 16:55	10/27/2022 16:55	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.012	mg/L	0.010	0.0060	1	10/19/2022 12:08	10/19/2022 12:08	T
Nitrate + Nitrite	0.014 I	mg/L	0.020	0.010	1	10/19/2022 12:08	10/19/2022 12:08	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	1	10/19/2022 12:08	10/19/2022 12:08	T





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Workorder: MARCO (F2204983)

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Workorder: MARCO (F2204983)

QC Results

QC Batch: MICf/1997 **Analysis Method:** ENTEROLERT/ QUANTI-TRAY
Preparation Method: ENTEROLERT/ QUANTI-TRAY
Associated Lab IDs: F2204983001, F2204983002, F2204983003, F2204983004, F2204983005, F2204983006, F2204983007, F2204983008, F2204983009, F2204983010, F2204983011, F2204983012, F2204983013, F2204983014, F2204983015, F2204983016, F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4509776)

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

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Workorder: MARCO (F2204983)

QC Results

QC Batch: WCAf/2704 **Analysis Method:** EPA 180.1
Preparation Method: EPA 180.1
Associated Lab IDs: F2204983001, F2204983002, F2204983003, F2204983004, F2204983005, F2204983006, F2204983007, F2204983008,
 F2204983009, F2204983010, F2204983011, F2204983012, F2204983013, F2204983014, F2204983015, F2204983016,
 F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4513092)

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





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Workorder: MARCO (F2204983)

QC Results

QC Batch: WCAg/8563 **Analysis Method:** EPA 365.3
Preparation Method: EPA 365.3
Associated Lab IDs: F2204983001, F2204983002, F2204983003, F2204983004, F2204983005, F2204983006, F2204983007, F2204983008, F2204983009, F2204983010, F2204983011, F2204983012, F2204983013, F2204983014, F2204983015, F2204983016, F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4521680)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.0050 U	mg/L	0.010	0.0050	G

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Workorder: MARCO (F2204983)

QC Results

QC Batch: WCAg/8580 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: F2204983001, F2204983002, F2204983003, F2204983004, F2204983005, F2204983006, F2204983007, F2204983008, F2204983009, F2204983010, F2204983011, F2204983012, F2204983013, F2204983014, F2204983015, F2204983016, F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4522890)

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





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Workorder: MARCO (F2204983)

QC Results

QC Batch: WCAg/8589 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2204983001, F2204983002, F2204983003, F2204983005, F2204983006, F2204983007, F2204983008

Method Blank(4520062)

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





FINAL

Workorder: MARCO (F2204983)

QC Results

QC Batch: WCAg/8605 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2204983004, F2204983009, F2204983010, F2204983011, F2204983012, F2204983013, F2204983014, F2204983015, F2204983016, F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4522716)

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 (F2204983)

QC Results

QC Batch: WCAg/8606 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2204983004, F2204983009, F2204983010, F2204983011, F2204983012, F2204983013, F2204983014, F2204983015,
F2204983016, F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4522717)

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 (F2204983)

QC Results

QC Batch: WCA1/15419 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2204983001, F2204983002, F2204983003, F2204983004, F2204983005, F2204983006, F2204983007, F2204983008, F2204983009, F2204983010

Method Blank(4510239)

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 (F2204983)

QC Results

QC Batch: WCA1/15420 Analysis Method: SM 4500NO3-F (Low Level)
 Preparation Method: SM 4500NO3-F (Low Level)
 Associated Lab IDs: F2204983011, F2204983012, F2204983013, F2204983014, F2204983015, F2204983016, F2204983017, F2204983018, F2204983019, F2204983020

Method Blank(4510243)

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 (F2204983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/1997 - ENTEROLERT/ QUANTI-TRAY			
F2204983001	BARFIELD_BRIDGE		
F2204983002	OLDE_MARCO		
F2204983003	JH_PARK		
F2204983004	KENDALL		
F2204983005	COLLIER_BRIDGE		
F2204983006	LANDMARK		
F2204983007	LANDMARK_DUP		
F2204983008	HC_CENTER		
F2204983009	SWALLOW		
F2204983010	W_WINTERBERRY_BRIDGE		
F2204983011	E_WINTERBERRY_BRIDGE		
F2204983012	MCILVAINE		
F2204983013	HUMMINGBIRD		
F2204983014	HOLLYHOCK		
F2204983015	WINDMILL		
F2204983016	EQUIPMENT_BLANK		
F2204983017	EAST_RIVER_MARKER_3		
F2204983018	MID_CHANNEL_MARKER_12		
F2204983019	CAPRI_PASS_MARKER_2		
F2204983020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2204983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAf/2704 - EPA 180.1			
F2204983001	BARFIELD_BRIDGE		
F2204983002	OLDE_MARCO		
F2204983003	JH_PARK		
F2204983004	KENDALL		
F2204983005	COLLIER_BRIDGE		
F2204983006	LANDMARK		
F2204983007	LANDMARK_DUP		
F2204983008	HC_CENTER		
F2204983009	SWALLOW		
F2204983010	W_WINTERBERRY_BRIDGE		
F2204983011	E_WINTERBERRY_BRIDGE		
F2204983012	MCILVAINE		
F2204983013	HUMMINGBIRD		
F2204983014	HOLLYHOCK		
F2204983015	WINDMILL		
F2204983016	EQUIPMENT_BLANK		
F2204983017	EAST_RIVER_MARKER_3		
F2204983018	MID_CHANNEL_MARKER_12		
F2204983019	CAPRI_PASS_MARKER_2		
F2204983020	CAPRI_PASS_MARKER_4		





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Workorder: MARCO (F2204983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/8563 - EPA 365.3			
F2204983001	BARFIELD_BRIDGE	WCAg/8562	EPA 365.3
F2204983002	OLDE_MARCO	WCAg/8562	EPA 365.3
F2204983003	JH_PARK	WCAg/8562	EPA 365.3
F2204983004	KENDALL	WCAg/8562	EPA 365.3
F2204983005	COLLIER_BRIDGE	WCAg/8562	EPA 365.3
F2204983006	LANDMARK	WCAg/8562	EPA 365.3
F2204983007	LANDMARK_DUP	WCAg/8562	EPA 365.3
F2204983008	HC_CENTER	WCAg/8562	EPA 365.3
F2204983009	SWALLOW	WCAg/8562	EPA 365.3
F2204983010	W_WINTERBERRY_BRIDGE	WCAg/8562	EPA 365.3
F2204983011	E_WINTERBERRY_BRIDGE	WCAg/8562	EPA 365.3
F2204983012	MCILVAINE	WCAg/8562	EPA 365.3
F2204983013	HUMMINGBIRD	WCAg/8562	EPA 365.3
F2204983014	HOLLYHOCK	WCAg/8562	EPA 365.3
F2204983015	WINDMILL	WCAg/8562	EPA 365.3
F2204983016	EQUIPMENT_BLANK	WCAg/8562	EPA 365.3
F2204983017	EAST_RIVER_MARKER_3	WCAg/8562	EPA 365.3
F2204983018	MID_CHANNEL_MARKER_12	WCAg/8562	EPA 365.3
F2204983019	CAPRI_PASS_MARKER_2	WCAg/8562	EPA 365.3
F2204983020	CAPRI_PASS_MARKER_4	WCAg/8562	EPA 365.3

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Workorder: MARCO (F2204983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/8580 - SM 10200 H			
F2204983001	BARFIELD_BRIDGE		
F2204983002	OLDE_MARCO		
F2204983003	JH_PARK		
F2204983004	KENDALL		
F2204983005	COLLIER_BRIDGE		
F2204983006	LANDMARK		
F2204983007	LANDMARK_DUP		
F2204983008	HC_CENTER		
F2204983009	SWALLOW		
F2204983010	W_WINTERBERRY_BRIDGE		
F2204983011	E_WINTERBERRY_BRIDGE		
F2204983012	MCILVAINE		
F2204983013	HUMMINGBIRD		
F2204983014	HOLLYHOCK		
F2204983015	WINDMILL		
F2204983016	EQUIPMENT_BLANK		
F2204983017	EAST_RIVER_MARKER_3		
F2204983018	MID_CHANNEL_MARKER_12		
F2204983019	CAPRI_PASS_MARKER_2		
F2204983020	CAPRI_PASS_MARKER_4		
WCAg/8588 - EPA 351.2			
F2204983001	BARFIELD_BRIDGE	WCAg/8548	Copper Sulfate Digestion
F2204983002	OLDE_MARCO	WCAg/8548	Copper Sulfate Digestion
F2204983003	JH_PARK	WCAg/8548	Copper Sulfate Digestion
F2204983005	COLLIER_BRIDGE	WCAg/8548	Copper Sulfate Digestion
F2204983006	LANDMARK	WCAg/8548	Copper Sulfate Digestion
F2204983007	LANDMARK_DUP	WCAg/8548	Copper Sulfate Digestion
F2204983008	HC_CENTER	WCAg/8548	Copper Sulfate Digestion





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Workorder: MARCO (F2204983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/8605 - EPA 351.2			
F2204983004	KENDALL	WCAg/8573	Copper Sulfate Digestion
F2204983009	SWALLOW	WCAg/8573	Copper Sulfate Digestion
F2204983010	W_WINTERBERRY_BRIDGE	WCAg/8573	Copper Sulfate Digestion
F2204983011	E_WINTERBERRY_BRIDGE	WCAg/8573	Copper Sulfate Digestion
F2204983012	MCILVAINE	WCAg/8573	Copper Sulfate Digestion
F2204983013	HUMMINGBIRD	WCAg/8573	Copper Sulfate Digestion
F2204983014	HOLLYHOCK	WCAg/8573	Copper Sulfate Digestion
F2204983015	WINDMILL	WCAg/8573	Copper Sulfate Digestion
F2204983016	EQUIPMENT_BLANK	WCAg/8573	Copper Sulfate Digestion
F2204983017	EAST_RIVER_MARKER_3	WCAg/8573	Copper Sulfate Digestion
F2204983018	MID_CHANNEL_MARKER_12	WCAg/8573	Copper Sulfate Digestion
F2204983019	CAPRI_PASS_MARKER_2	WCAg/8573	Copper Sulfate Digestion
F2204983020	CAPRI_PASS_MARKER_4	WCAg/8573	Copper Sulfate Digestion
WCAI/15419 - SM 4500NO3-F (Low Level)			
F2204983001	BARFIELD_BRIDGE		
F2204983002	OLDE_MARCO		
F2204983003	JH_PARK		
F2204983004	KENDALL		
F2204983005	COLLIER_BRIDGE		
F2204983006	LANDMARK		
F2204983007	LANDMARK_DUP		
F2204983008	HC_CENTER		
F2204983009	SWALLOW		
F2204983010	W_WINTERBERRY_BRIDGE		

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Workorder: MARCO (F2204983)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCA#15420 - SM 4500NO3-F (Low Level)			
F2204983011	E_WINTERBERRY_BRIDGE		
F2204983012	MCILVAINE		
F2204983013	HUMMINGBIRD		
F2204983014	HOLLYHOCK		
F2204983015	WINDMILL		
F2204983016	EQUIPMENT_BLANK		
F2204983017	EAST_RIVER_MARKER_3		
F2204983018	MID_CHANNEL_MARKER_12		
F2204983019	CAPRI_PASS_MARKER_2		
F2204983020	CAPRI_PASS_MARKER_4		

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Workorder: MARCO (F2204983)



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 Fort Myers: 13100 Westlinks Terrace, Ste. 10, Ft. 33913 • 239.674.8130 • Lab ID: E84492
 Jacksonville: 6881 Sandpoint Hwy., Ft. 32216 • 904.353.9330 • Lab ID: E62574
 Tallahassee: 2639 North Monroe St., Suite D, Ft. 32303 • 850.219.8274 • Lab ID: E81105



of 2
 Lab ID: E82001
 Lab ID: E8255
 Lab ID: E84599

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:	
AEL Profile #: 65884		Other: WIN	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preservation Method Filtered?	ANALYSIS REQUIRED				BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME				NO2/NO3	TKN/TP/TN	Chlor-A/Turbidity	Enterococci		
	BARFIELD_BRIDGE	Grab	10/18/22	08:58	SW	4		X	X	X	X	250 mL Plastic	001
	OLDE_MARCO	Grab		08:48	SW	4		X	X	X	X	250 mL Plastic	002
	JH_PARK	Grab		09:10	SW	4		X	X	X	X	1L Aml Plastic	003
	KENDALL	Grab		09:21	SW	4		X	X	X	X	100 mL Cup	004
	COLLIER_BRIDGE	Grab		09:31	SW	4		X	X	X	X		005
	LANDMARK	Grab		09:40	SW	4		X	X	X	X		006
	LANDMARK_DUP	Grab		09:46	SW	4		X	X	X	X		007
	HC_CENTER	Grab		09:55	SW	4		X	X	X	X		008
	SMALLOW	Grab		10:08	SW	4		X	X	X	X		009
	W_WINTERBERRY_BRIDGE	Grab		10:20	SW	4		X	X	X	X		010

Received on Ice	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temp taken from sample	<input checked="" type="checkbox"/> Temp from blank <input type="checkbox"/> Temp from measuring
DCN: AD-D051web	Form last revised	08/07/2019	Where required, pH checked
Requisitioned by:	Date:	Time:	Received by:
	12/16/22	14:03	

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge	Preservation Code: 1 = Ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thio sulfate)
Temp. when received (observed) 4.5 °C	Temp. when received (corrected) 4.5 °C
J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: TV	

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





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- Fort Myers: 13100 Westlinks Terrace, Ste. 10, Ft. 33913 - 239.674.8130 - Lab ID: E84492
- Jacksonville: 6601 Campbell Pkwy, Ft. 32216 - 904.303.5350 - Lab ID: E62514
- Tallahassee: 2639 North Monroe St, Suite 9, Ft. 32303 - 850.219.8724 - Lab ID: E811095

- Gainesville: 4855 SW 41st Blvd, Ft. 32609 - 352.377.2346 - Lab ID: E83001
- Miramar: 10200 USA Today Way, Ft. 33025 - 954.988.2289 - Lab ID: E82535
- Tampa: 5610 Princess Palm Ave, Ft. 33619 - 813.520.6516 - 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 Tomasetti		Special Instructions:	
Sampled By: P. Manard		Turn Around Time: Standard <input checked="" type="checkbox"/> Rush	
AEL Profile #: 65884		ADAPT: EQUIS Other: WIN	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
			DATE	TIME					
E_WINTERBERRY_BRIDGE	Grab		10/18/22	10:31	SW	4	NO2/NO3	250 mL Plastic	
MCIL VAINE	Grab		10:43		SW	4	TKN/TP/TN	250 mL Plastic	
HUMMINGBIRD	Grab		10:58		SW	4	Chlor-A/Turbidity	1L Amb Plastic	
HOLLYHOCK	Grab		11:09		SW	4	Enterococci	100 mL Cup	
WINDMILL	Grab		11:20		SW	4			
EQUIPMENT_BLANK	Grab		11:22		SW	4			
EAST RIVER-MARKER 3	Grab		08:22		SW	4			
MID CHANNEL-MARKER 12	Grab		08:01		SW	4			
CAPRI PASS-MARKER 2	Grab		07:48		SW	4			
CAPRI PASS-MARKER 4	Grab		07:25		SW	4			

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge	Temp. when received (observed) 45 °C	Temp. when received (corrected) 45 °C
Received on Ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temp taken from sample <input checked="" type="checkbox"/> Temp from blank <input type="checkbox"/>	Where required, pH checked <input type="checkbox"/>
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	

Requisitioned by: [Signature]	Date: 11/17/22	Received by: [Signature]	Date: 11/17/22
1			
2			
3			
4			

FOR DRINKING WATER USE:

Contact Person: _____

Supplier of Water: _____

Site Address: _____





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Workorder: MARCO (F2204983)

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Form Created July 1, 2015

Date: 10/18/22		Signature: <i>B.Miller</i>		AFFILIATION: ADVANCED ENVIRONMENTAL LABORATORIES	
SAMPLED BY: (PRINT) / BM / AEL		Authentication			
FIELD EQUIP. USED: ID # :	VAN DORN / FAX	VAN DORN / FAX	VAN DORN / FAX	VAN DORN / FAX	VAN DORN / FAX
WEATHER:	DEG F	DEG F	DEG F	DEG F	DEG F
FIELD COMMENTS:					
SECCHI DEPTH	2.0	2.0	1.5	1.5	1.0
pH su.	8.58	8.33	8.36	8.41	8.15
SALINITY ppt	29.60	30.19	29.25	29.28	29.30
CONDUCTIVITY(umhos)	45585	47174	45289	45319	45406
D.O. % sat	55.6	60.8	68.6	58.1	35.6
D.O. mg / L	3.73	4.07	4.62	3.94	2.34
TEMP /C	27.4	27.3	27.0	27.0	28.1
TOTAL DEPTH	2.0	2.0	1.5	1.5	1.0
SAMPLE DEPTH	0.30m top	0.30m top	1.5	0.30m top	0.5
SAMPLE TIME	08:58	09:00	08:48	08:51	09:24
SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	MARCO OLDE	MARCO OLDE	KENDALL
Water Sample Parameters					
Client Name:	CITY OF MARCO ISLAND		Site Name:	MARCO ISLAND WATERWAYS	
Advanced Environmental Laboratories, Inc					

Certificate of Analysis

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10/18/22		<i>B Miller</i>		BM / AEL			
Authentication							
FIELD EQUIP. USED: ID #:		VAN DORN / FAX		VAN DORN / FAX		VAN DORN / FAX	
WEATHER:		DEG F		DEG F		DEG F	
FIELD COMMENTS:							
SECCHI DEPTH							
2.0		2.0		2.25		2.25	
pH su.							
8.16		8.05		8.05		8.00	
SALINITY ppt							
27.56		30.66		30.66		30.72	
CONDUCTIVITY(umhos)							
42981		47280		47280		47378	
D.O. % sat.							
30.8		58.4		58.4		42.8	
D.O. mg / L							
2.05		3.81		3.81		3.80	
TEMP /C							
28.5		28.3		28.3		28.2	
TOTAL DEPTH							
2.0		2.25		2.25		2.25	
SAMPLE DEPTH							
0.30m top		0.30m top		0.30m top		0.30m top	
SAMPLE TIME							
09:31		09:40		09:45		09:51	
SAMPLE LOCATION							
COLLIER BRIDGE		LANDMARK		LANDMARK		LANDMARK	
COLLIER BRIDGE		LANDMARK		LANDMARK		LANDMARK	
Water Sample Parameters							
Client Name:		CITY OF MARCO ISLAND		Site Name:		MARCO ISLAND WATERWAYS	
Advanced Environmental Laboratories, Inc							

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10/18/22		<i>B Miller</i>		BM / AEL			
Authentication							
FIELD EQUIP. USED: ID # :		VAN DORN / FAX		VAN DORN / FAX		VAN DORN / FAX	
WEATHER :		DEG F		DEG F		DEG F	
FIELD COMMENTS:							
Water Sample Parameters							
Client Name:		Site Name:		CITY OF MARCO ISLAND		MARCO ISLAND WATERWAYS	
Advanced Environmental Laboratories, Inc							
SAMPLE LOCATION	SWALLOW	SWALLOW	WEST WB BRIDGE	WEST WB BRIDGE	EAST WB BRIDGE	EAST WB BRIDGE	MCLVAINE
SAMPLE TIME	10:08	10:11	10:20	10:25	10:31	10:35	10:43
SAMPLE DEPTH	0.30m top	1.75	0.30m top	2.0	0.30m top	1.75	0.30m top
TOTAL DEPTH	2.25	2.25	2.5	2.5	2.25	2.25	2.5
TEMP /C	28.7	28.5	27.9	27.9	28.3	28.2	27.7
D.O. mg / L	1.95	0.87	3.59	3.03	4.55	4.06	2.81
D.O. % sat	29.9	13.3	54.2	45.8	69.1	61.8	42.6
CONDUCTIVITY(umhos)	47445	47807	47072	47433	47145	47250	47896
SALINITY ppt	30.77	31.04	30.52	30.78	30.46	30.71	31.12
pH su.	8.09	8.05	8.31	8.23	8.38	8.27	8.39
SECCHI DEPTH	1.0	1.0	1.5	1.5	1.5	1.5	2.0





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10/18/22		<i>B.Miller</i>		BM / AEL			
Authentication							
FIELD EQUIP. USED: ID #:		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	
WEATHER:		DEG F		DEG F		DEG F	
FIELD COMMENTS:		NA					
Water Sample Parameters							
Client Name:		CITY OF MARCO ISLAND		Site Name:		MARCO ISLAND WATERWAYS	
Advanced Environmental Laboratories, Inc							
SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK
SAMPLE TIME	10:58	11:01	11:09	11:13	11:20	11:22	11:23
SAMPLE DEPTH	0.30m top	1.0	0.30m top	1.0	0.30m top	2.0	NA
TOTAL DEPTH	1.5	1.5	1.5	1.5	2.5	2.5	NA
TEMP /C	28.7	28.9	28.6	28.6	27.9	27.9	NA
D.O. mg / L	3.38	2.55	2.09	1.73	4.93	2.72	NA
D.O. % sat	50.8	38.8	31.9	26.2	73.8	40.8	NA
CONDUCTIVITY(umhos)	43317	44747	44610	45258	43980	45639	NA
SALINITY ppt	27.86	28.82	28.71	29.19	28.36	29.48	NA
pH su.	8.48	8.40	8.31	8.14	8.44	8.26	NA
SECCHI DEPTH	1.5	1.5	1.5	1.5	1.0	1.0	NA





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10/18/22		<i>EMiller</i>		BM / AEL			
Authentication							
FIELD EQUIP. USED: ID # :		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	
WEATHER:		DEG F		DEG F		DEG F	
FIELD COMMENTS:		NA					
SECCHI DEPTH							
pH su.		8.34		8.21		8.48	
SALINITY ppt.		29.41		30.48		31.21	
CONDUCTIVITY(umhos)		45523		47002		48089	
D.O. % sat.		63.8		55.6		75.9	
D.O. mg / L.		4.30		3.71		5.07	
TEMP / C		27.1		27.3		26.8	
TOTAL DEPTH		2.5		2.5		7.0	
SAMPLE DEPTH		0.30m top		2.0		0.30m top	
SAMPLE TIME		08:22		08:26		08:01	
SAMPLE LOCATION		East River- Marker 3		East River- Marker 3		Mid Channel- Marker 12	
Capri Pass- Marker 4		Capri Pass- Marker 2		Capri Pass- Marker 2		Capri Pass- Marker 2	
Capri Pass- Marker 4		07:25		07:51		07:48	
07:28		0.30m top		3.5		0.30m top	
3.0		3.5		6.0		6.0	
3.5		26.9		26.9		26.9	
4.20		4.78		4.81		4.99	
62.6		71.7		72.2		75.0	
49168		48435		49175		49148	
32.7		31.57		32.11		32.06	
8.16		8.19		8.28		8.33	
3.0		3.0		2.5		2.5	
MARCO ISLAND WATERWAYS		CITY OF MARCO ISLAND		Site Name:		Water Sample Parameters	
Advanced Environmental Laboratories, Inc							

