



Advanced Environmental Laboratories, Inc
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FINAL

Workorder: MARCO (F2104410)

November 10, 2021

Jason Tomassetti
City of Marco Island
50 Bald Eagle Drive
Marco Island, FL 34145

RE: Workorder: F2104410 MARCO

Dear Jason Tomassetti:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday October 14, 2021. 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,

A handwritten signature in black ink that reads "Josh Snead".

Josh Snead, Laboratory Manager
JSnead@aellab.com

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Workorder: MARCO (F2104410)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
F2104410001	BARFIELD_BRIDGE	WA	Calculation	10/14/2021 08:03	10/14/2021 13:43	1
F2104410001	BARFIELD_BRIDGE	WA	DISRES	10/14/2021 08:03	10/14/2021 13:43	3
F2104410001	BARFIELD_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 08:03	10/14/2021 13:43	1
F2104410001	BARFIELD_BRIDGE	WA	EPA 180.1	10/14/2021 08:03	10/14/2021 13:43	1
F2104410001	BARFIELD_BRIDGE	WA	EPA 351.2	10/14/2021 08:03	10/14/2021 13:43	1
F2104410001	BARFIELD_BRIDGE	WA	EPA 365.3	10/14/2021 08:03	10/14/2021 13:43	1
F2104410001	BARFIELD_BRIDGE	WA	Field Measurements	10/14/2021 08:03	10/14/2021 13:43	6
F2104410001	BARFIELD_BRIDGE	WA	SM 10200 H	10/14/2021 08:03	10/14/2021 13:43	2
F2104410001	BARFIELD_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/14/2021 08:03	10/14/2021 13:43	3
F2104410002	OLDE_MARCO	WA	Calculation	10/14/2021 08:15	10/14/2021 13:43	1
F2104410002	OLDE_MARCO	WA	DISRES	10/14/2021 08:15	10/14/2021 13:43	3
F2104410002	OLDE_MARCO	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 08:15	10/14/2021 13:43	1
F2104410002	OLDE_MARCO	WA	EPA 180.1	10/14/2021 08:15	10/14/2021 13:43	1
F2104410002	OLDE_MARCO	WA	EPA 351.2	10/14/2021 08:15	10/14/2021 13:43	1
F2104410002	OLDE_MARCO	WA	EPA 365.3	10/14/2021 08:15	10/14/2021 13:43	1
F2104410002	OLDE_MARCO	WA	Field Measurements	10/14/2021 08:15	10/14/2021 13:43	6
F2104410002	OLDE_MARCO	WA	SM 10200 H	10/14/2021 08:15	10/14/2021 13:43	2
F2104410002	OLDE_MARCO	WA	SM 4500NO3-F (Low Level)	10/14/2021 08:15	10/14/2021 13:43	3
F2104410003	JH_PARK	WA	Calculation	10/14/2021 08:29	10/14/2021 13:43	1
F2104410003	JH_PARK	WA	DISRES	10/14/2021 08:29	10/14/2021 13:43	3
F2104410003	JH_PARK	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 08:29	10/14/2021 13:43	1
F2104410003	JH_PARK	WA	EPA 180.1	10/14/2021 08:29	10/14/2021 13:43	1
F2104410003	JH_PARK	WA	EPA 351.2	10/14/2021 08:29	10/14/2021 13:43	1
F2104410003	JH_PARK	WA	EPA 365.3	10/14/2021 08:29	10/14/2021 13:43	1
F2104410003	JH_PARK	WA	Field Measurements	10/14/2021 08:29	10/14/2021 13:43	6
F2104410003	JH_PARK	WA	SM 10200 H	10/14/2021 08:29	10/14/2021 13:43	2
F2104410003	JH_PARK	WA	SM 4500NO3-F (Low Level)	10/14/2021 08:29	10/14/2021 13:43	3
F2104410004	KENDALL	WA	Calculation	10/14/2021 08:44	10/14/2021 13:43	1
F2104410004	KENDALL	WA	DISRES	10/14/2021 08:44	10/14/2021 13:43	3
F2104410004	KENDALL	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 08:44	10/14/2021 13:43	1
F2104410004	KENDALL	WA	EPA 180.1	10/14/2021 08:44	10/14/2021 13:43	1
F2104410004	KENDALL	WA	EPA 351.2	10/14/2021 08:44	10/14/2021 13:43	1
F2104410004	KENDALL	WA	EPA 365.3	10/14/2021 08:44	10/14/2021 13:43	1
F2104410004	KENDALL	WA	Field Measurements	10/14/2021 08:44	10/14/2021 13:43	6
F2104410004	KENDALL	WA	SM 10200 H	10/14/2021 08:44	10/14/2021 13:43	2

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Workorder: MARCO (F2104410)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
F2104410004	KENDALL	WA	SM 4500NO3-F (Low Level)	10/14/2021 08:44	10/14/2021 13:43	3
F2104410005	COLLIER_BRIDGE	WA	Calculation	10/14/2021 08:58	10/14/2021 13:43	1
F2104410005	COLLIER_BRIDGE	WA	DISRES	10/14/2021 08:58	10/14/2021 13:43	3
F2104410005	COLLIER_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 08:58	10/14/2021 13:43	1
F2104410005	COLLIER_BRIDGE	WA	EPA 180.1	10/14/2021 08:58	10/14/2021 13:43	1
F2104410005	COLLIER_BRIDGE	WA	EPA 351.2	10/14/2021 08:58	10/14/2021 13:43	1
F2104410005	COLLIER_BRIDGE	WA	EPA 365.3	10/14/2021 08:58	10/14/2021 13:43	1
F2104410005	COLLIER_BRIDGE	WA	Field Measurements	10/14/2021 08:58	10/14/2021 13:43	6
F2104410005	COLLIER_BRIDGE	WA	SM 10200 H	10/14/2021 08:58	10/14/2021 13:43	2
F2104410005	COLLIER_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/14/2021 08:58	10/14/2021 13:43	3
F2104410006	LANDMARK	WA	Calculation	10/14/2021 09:10	10/14/2021 13:43	1
F2104410006	LANDMARK	WA	DISRES	10/14/2021 09:10	10/14/2021 13:43	3
F2104410006	LANDMARK	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 09:10	10/14/2021 13:43	1
F2104410006	LANDMARK	WA	EPA 180.1	10/14/2021 09:10	10/14/2021 13:43	1
F2104410006	LANDMARK	WA	EPA 351.2	10/14/2021 09:10	10/14/2021 13:43	1
F2104410006	LANDMARK	WA	EPA 365.3	10/14/2021 09:10	10/14/2021 13:43	1
F2104410006	LANDMARK	WA	Field Measurements	10/14/2021 09:10	10/14/2021 13:43	6
F2104410006	LANDMARK	WA	SM 10200 H	10/14/2021 09:10	10/14/2021 13:43	2
F2104410006	LANDMARK	WA	SM 4500NO3-F (Low Level)	10/14/2021 09:10	10/14/2021 13:43	3
F2104410007	LANDMARK_DUP	WA	Calculation	10/14/2021 09:15	10/14/2021 13:43	1
F2104410007	LANDMARK_DUP	WA	DISRES	10/14/2021 09:15	10/14/2021 13:43	3
F2104410007	LANDMARK_DUP	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 09:15	10/14/2021 13:43	1
F2104410007	LANDMARK_DUP	WA	EPA 180.1	10/14/2021 09:15	10/14/2021 13:43	1
F2104410007	LANDMARK_DUP	WA	EPA 351.2	10/14/2021 09:15	10/14/2021 13:43	1
F2104410007	LANDMARK_DUP	WA	EPA 365.3	10/14/2021 09:15	10/14/2021 13:43	1
F2104410007	LANDMARK_DUP	WA	Field Measurements	10/14/2021 09:15	10/14/2021 13:43	6
F2104410007	LANDMARK_DUP	WA	SM 10200 H	10/14/2021 09:15	10/14/2021 13:43	2
F2104410007	LANDMARK_DUP	WA	SM 4500NO3-F (Low Level)	10/14/2021 09:15	10/14/2021 13:43	3
F2104410008	HC_CENTER	WA	Calculation	10/14/2021 09:30	10/14/2021 13:43	1
F2104410008	HC_CENTER	WA	DISRES	10/14/2021 09:30	10/14/2021 13:43	3
F2104410008	HC_CENTER	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 09:30	10/14/2021 13:43	1
F2104410008	HC_CENTER	WA	EPA 180.1	10/14/2021 09:30	10/14/2021 13:43	1
F2104410008	HC_CENTER	WA	EPA 351.2	10/14/2021 09:30	10/14/2021 13:43	1
F2104410008	HC_CENTER	WA	EPA 365.3	10/14/2021 09:30	10/14/2021 13:43	1
F2104410008	HC_CENTER	WA	Field Measurements	10/14/2021 09:30	10/14/2021 13:43	6

Wednesday, November 10, 2021 3:06:11 PM
 Dates and times are displayed using (-05:00)
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NELAP Accredited E84492



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Workorder: MARCO (F2104410)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
F2104410008	HC_CENTER	WA	SM 10200 H	10/14/2021 09:30	10/14/2021 13:43	2
F2104410008	HC_CENTER	WA	SM 4500NO3-F (Low Level)	10/14/2021 09:30	10/14/2021 13:43	3
F2104410009	SWALLOW	WA	Calculation	10/14/2021 09:55	10/14/2021 13:43	1
F2104410009	SWALLOW	WA	DISRES	10/14/2021 09:55	10/14/2021 13:43	3
F2104410009	SWALLOW	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 09:55	10/14/2021 13:43	1
F2104410009	SWALLOW	WA	EPA 180.1	10/14/2021 09:55	10/14/2021 13:43	1
F2104410009	SWALLOW	WA	EPA 351.2	10/14/2021 09:55	10/14/2021 13:43	1
F2104410009	SWALLOW	WA	EPA 365.3	10/14/2021 09:55	10/14/2021 13:43	1
F2104410009	SWALLOW	WA	Field Measurements	10/14/2021 09:55	10/14/2021 13:43	6
F2104410009	SWALLOW	WA	SM 10200 H	10/14/2021 09:55	10/14/2021 13:43	2
F2104410009	SWALLOW	WA	SM 4500NO3-F (Low Level)	10/14/2021 09:55	10/14/2021 13:43	3
F2104410010	W_WINTERBERRY_BRIDGE	WA	Calculation	10/14/2021 10:10	10/14/2021 13:43	1
F2104410010	W_WINTERBERRY_BRIDGE	WA	DISRES	10/14/2021 10:10	10/14/2021 13:43	3
F2104410010	W_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 10:10	10/14/2021 13:43	1
F2104410010	W_WINTERBERRY_BRIDGE	WA	EPA 180.1	10/14/2021 10:10	10/14/2021 13:43	1
F2104410010	W_WINTERBERRY_BRIDGE	WA	EPA 351.2	10/14/2021 10:10	10/14/2021 13:43	1
F2104410010	W_WINTERBERRY_BRIDGE	WA	EPA 365.3	10/14/2021 10:10	10/14/2021 13:43	1
F2104410010	W_WINTERBERRY_BRIDGE	WA	Field Measurements	10/14/2021 10:10	10/14/2021 13:43	6
F2104410010	W_WINTERBERRY_BRIDGE	WA	SM 10200 H	10/14/2021 10:10	10/14/2021 13:43	2
F2104410010	W_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/14/2021 10:10	10/14/2021 13:43	3
F2104410011	E_WINTERBERRY_BRIDGE	WA	Calculation	10/14/2021 10:23	10/14/2021 13:43	1
F2104410011	E_WINTERBERRY_BRIDGE	WA	DISRES	10/14/2021 10:23	10/14/2021 13:43	3
F2104410011	E_WINTERBERRY_BRIDGE	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 10:23	10/14/2021 13:43	1
F2104410011	E_WINTERBERRY_BRIDGE	WA	EPA 180.1	10/14/2021 10:23	10/14/2021 13:43	1
F2104410011	E_WINTERBERRY_BRIDGE	WA	EPA 351.2	10/14/2021 10:23	10/14/2021 13:43	1
F2104410011	E_WINTERBERRY_BRIDGE	WA	EPA 365.3	10/14/2021 10:23	10/14/2021 13:43	1
F2104410011	E_WINTERBERRY_BRIDGE	WA	Field Measurements	10/14/2021 10:23	10/14/2021 13:43	6
F2104410011	E_WINTERBERRY_BRIDGE	WA	SM 10200 H	10/14/2021 10:23	10/14/2021 13:43	2
F2104410011	E_WINTERBERRY_BRIDGE	WA	SM 4500NO3-F (Low Level)	10/14/2021 10:23	10/14/2021 13:43	3
F2104410012	MCILVAINE	WA	Calculation	10/14/2021 10:34	10/14/2021 13:43	1
F2104410012	MCILVAINE	WA	DISRES	10/14/2021 10:34	10/14/2021 13:43	3
F2104410012	MCILVAINE	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 10:34	10/14/2021 13:43	1

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Workorder: MARCO (F2104410)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
F2104410012	MCILVAINE	WA	EPA 180.1	10/14/2021 10:34	10/14/2021 13:43	1
F2104410012	MCILVAINE	WA	EPA 351.2	10/14/2021 10:34	10/14/2021 13:43	1
F2104410012	MCILVAINE	WA	EPA 365.3	10/14/2021 10:34	10/14/2021 13:43	1
F2104410012	MCILVAINE	WA	Field Measurements	10/14/2021 10:34	10/14/2021 13:43	6
F2104410012	MCILVAINE	WA	SM 10200 H	10/14/2021 10:34	10/14/2021 13:43	2
F2104410012	MCILVAINE	WA	SM 4500NO3-F (Low Level)	10/14/2021 10:34	10/14/2021 13:43	3
F2104410013	HUMMINGBIRD	WA	Calculation	10/14/2021 10:53	10/14/2021 13:43	1
F2104410013	HUMMINGBIRD	WA	DISRES	10/14/2021 10:53	10/14/2021 13:43	3
F2104410013	HUMMINGBIRD	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 10:53	10/14/2021 13:43	1
F2104410013	HUMMINGBIRD	WA	EPA 180.1	10/14/2021 10:53	10/14/2021 13:43	1
F2104410013	HUMMINGBIRD	WA	EPA 351.2	10/14/2021 10:53	10/14/2021 13:43	1
F2104410013	HUMMINGBIRD	WA	EPA 365.3	10/14/2021 10:53	10/14/2021 13:43	1
F2104410013	HUMMINGBIRD	WA	Field Measurements	10/14/2021 10:53	10/14/2021 13:43	6
F2104410013	HUMMINGBIRD	WA	SM 10200 H	10/14/2021 10:53	10/14/2021 13:43	2
F2104410013	HUMMINGBIRD	WA	SM 4500NO3-F (Low Level)	10/14/2021 10:53	10/14/2021 13:43	3
F2104410014	HOLLYHOCK	WA	Calculation	10/14/2021 11:06	10/14/2021 13:43	1
F2104410014	HOLLYHOCK	WA	DISRES	10/14/2021 11:06	10/14/2021 13:43	3
F2104410014	HOLLYHOCK	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 11:06	10/14/2021 13:43	1
F2104410014	HOLLYHOCK	WA	EPA 180.1	10/14/2021 11:06	10/14/2021 13:43	1
F2104410014	HOLLYHOCK	WA	EPA 351.2	10/14/2021 11:06	10/14/2021 13:43	1
F2104410014	HOLLYHOCK	WA	EPA 365.3	10/14/2021 11:06	10/14/2021 13:43	1
F2104410014	HOLLYHOCK	WA	Field Measurements	10/14/2021 11:06	10/14/2021 13:43	6
F2104410014	HOLLYHOCK	WA	SM 10200 H	10/14/2021 11:06	10/14/2021 13:43	2
F2104410014	HOLLYHOCK	WA	SM 4500NO3-F (Low Level)	10/14/2021 11:06	10/14/2021 13:43	3
F2104410015	WINDMILL	WA	Calculation	10/14/2021 11:19	10/14/2021 13:43	1
F2104410015	WINDMILL	WA	DISRES	10/14/2021 11:19	10/14/2021 13:43	3
F2104410015	WINDMILL	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 11:19	10/14/2021 13:43	1
F2104410015	WINDMILL	WA	EPA 180.1	10/14/2021 11:19	10/14/2021 13:43	1
F2104410015	WINDMILL	WA	EPA 351.2	10/14/2021 11:19	10/14/2021 13:43	1
F2104410015	WINDMILL	WA	EPA 365.3	10/14/2021 11:19	10/14/2021 13:43	1
F2104410015	WINDMILL	WA	Field Measurements	10/14/2021 11:19	10/14/2021 13:43	6
F2104410015	WINDMILL	WA	SM 10200 H	10/14/2021 11:19	10/14/2021 13:43	2
F2104410015	WINDMILL	WA	SM 4500NO3-F (Low Level)	10/14/2021 11:19	10/14/2021 13:43	3
F2104410016	EQUIPMENT_BLANK	WA	Calculation	10/14/2021 11:28	10/14/2021 13:43	1
F2104410016	EQUIPMENT_BLANK	WA	ENTEROLERT/ QUANTI-TRAY	10/14/2021 11:28	10/14/2021 13:43	1

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Workorder: MARCO (F2104410)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
F2104410016	EQUIPMENT_BLANK	WA	EPA 180.1	10/14/2021 11:28	10/14/2021 13:43	1
F2104410016	EQUIPMENT_BLANK	WA	EPA 351.2	10/14/2021 11:28	10/14/2021 13:43	1
F2104410016	EQUIPMENT_BLANK	WA	EPA 365.3	10/14/2021 11:28	10/14/2021 13:43	1
F2104410016	EQUIPMENT_BLANK	WA	SM 10200 H	10/14/2021 11:28	10/14/2021 13:43	2
F2104410016	EQUIPMENT_BLANK	WA	SM 4500NO3-F (Low Level)	10/14/2021 11:28	10/14/2021 13:43	3

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Workorder: MARCO (F2104410)

Workorder Summary

Batch Comments

WCAg/4086 - Chlorophylls, SM10200H,Water

filters extracted 10/19/21 08:30

Task Comments

F2104410001 - 1705873 - WCAg/4086

filters extracted on 10/19/21 10:30

Analysis Results Comments

F2104410001 (BARFIELD_BRIDGE) - Corrected Chlorophyll A

samples F2104410001-16 filtered on 10/15/21 at 12:42

F2104410008 (HC_CENTER) - Total Kjeldahl Nitrogen

J4|Estimated Result

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Workorder: MARCO (F2104410)

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

PROJECT ACCEPTABLE LIMITS

- < 0.3 Total Nitrogen
- < 0.46 Total Phosphorus
- < 4.9 Chlorophyll A
- < 130 Enterococcus
- > 42 DO Saturation %
- 6.5-8.5 pH

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 (F2104410)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410001 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: BARFIELD_BRIDGE Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/14/2021 08:0	10/14/2021 08:03	X
Secchi Disc	3.5	meters			1	10/14/2021 08:0	10/14/2021 08:03	X
Total Depth	3.5	meters			1	10/14/2021 08:0	10/14/2021 08:03	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	51429	umhos/c			1	10/14/2021 08:0	10/14/2021 08:03	F
DO Saturation %	74.2	%			1	10/14/2021 08:0	10/14/2021 08:03	F
Dissolved Oxygen	4.84	mg/L			1	10/14/2021 08:0	10/14/2021 08:03	F
Salinity	31.63	ppt			1	10/14/2021 08:0	10/14/2021 08:03	F
Temperature	29	°C			1	10/14/2021 08:0	10/14/2021 08:03	F
pH	7.97	SU			1	10/14/2021 08:0	10/14/2021 08:03	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	145	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.333	mg/L	0.2	0.12	1	11/04/2021 10:47	11/04/2021 10:47	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0051	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.02	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:00	T
Nitrate + Nitrite	0.03	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:00	T
Nitrite (as N)	0.0080U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:00	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410002 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: OLDE_MARCO Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/14/2021 08:1	10/14/2021 08:15	X
Secchi Disc	3	meters			1	10/14/2021 08:1	10/14/2021 08:15	X
Total Depth	3	meters			1	10/14/2021 08:1	10/14/2021 08:15	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	52385	umhos/c			1	10/14/2021 08:1	10/14/2021 08:15	F
DO Saturation %	67.7	%			1	10/14/2021 08:1	10/14/2021 08:15	F
Dissolved Oxygen	4.38	mg/L			1	10/14/2021 08:1	10/14/2021 08:15	F
Salinity	34.67	ppt			1	10/14/2021 08:1	10/14/2021 08:15	F
Temperature	28.6	°C			1	10/14/2021 08:1	10/14/2021 08:15	F
pH	8.09	SU			1	10/14/2021 08:1	10/14/2021 08:15	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.251	mg/L	0.2	0.12	1	11/04/2021 10:47	11/04/2021 10:47	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0051	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0081	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:02	T
Nitrate + Nitrite	0.010U	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:02	T
Nitrite (as N)	0.0080U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:02	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410003 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: JH_PARK Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/14/2021 08:2	10/14/2021 08:29	X
Secchi Disc	4.5	meters			1	10/14/2021 08:2	10/14/2021 08:29	X
Total Depth	5.5	meters			1	10/14/2021 08:2	10/14/2021 08:29	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	49013	umhos/c			1	10/14/2021 08:2	10/14/2021 08:29	F
DO Saturation %	77.3	%			1	10/14/2021 08:2	10/14/2021 08:29	F
Dissolved Oxygen	4.99	mg/L			1	10/14/2021 08:2	10/14/2021 08:29	F
Salinity	31.94	ppt			1	10/14/2021 08:2	10/14/2021 08:29	F
Temperature	28.9	°C			1	10/14/2021 08:2	10/14/2021 08:29	F
pH	8.01	SU			1	10/14/2021 08:2	10/14/2021 08:29	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	158	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.317	mg/L	0.2	0.12	1	11/04/2021 10:47	11/04/2021 10:47	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.7	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.0071	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0061	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:03	T
Nitrate + Nitrite	0.011	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:03	T
Nitrite (as N)	0.0080U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:03	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410004 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: KENDALL Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	10/14/2021 08:4	10/14/2021 08:45	X
Secchi Disc	2.5	meters			1	10/14/2021 08:4	10/14/2021 08:45	X
Total Depth	2.5	meters			1	10/14/2021 08:4	10/14/2021 08:44	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	46729	umhos/c			1	10/14/2021 08:4	10/14/2021 08:44	F
DO Saturation %	52.5	%			1	10/14/2021 08:4	10/14/2021 08:44	F
Dissolved Oxygen	3.92	mg/L			1	10/14/2021 08:4	10/14/2021 08:44	F
Salinity	30.28	ppt			1	10/14/2021 08:4	10/14/2021 08:44	F
Temperature	28.6	°C			1	10/14/2021 08:4	10/14/2021 08:44	F
pH	7.9	SU			1	10/14/2021 08:4	10/14/2021 08:44	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	62	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.386	mg/L	0.2	0.12	1	11/04/2021 10:48	11/04/2021 10:48	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.41	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.060	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.02	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:04	T
Nitrate + Nitrite	0.021	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:04	T
Nitrite (as N)	0.0080U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:04	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410005 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: COLLIER_BRIDGE Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 11:28	11/04/2021 11:28	X
Secchi Disc	4.5	meters			1	11/04/2021 11:33	11/04/2021 11:33	X
Total Depth	5	meters			1	11/04/2021 10:58	11/04/2021 10:58	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	47179	umhos/c			1	11/04/2021 11:37	11/04/2021 11:37	F
DO Saturation %	48.8	%			1	11/04/2021 11:37	11/04/2021 11:37	F
Dissolved Oxygen	3.51	mg/L			1	11/04/2021 11:37	11/04/2021 11:37	F
Salinity	30.53	ppt			1	11/04/2021 11:37	11/04/2021 11:37	F
Temperature	29.2	°C			1	11/04/2021 11:37	11/04/2021 11:37	F
pH	7.89	SU			1	11/04/2021 11:37	11/04/2021 11:37	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	63	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	11/10/2021 14:55	11/10/2021 14:55	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.2 I	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.7	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.018	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.01	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:04	T
Nitrate + Nitrite	0.02 I	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:04	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:04	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 11:44	11/04/2021 11:44	X
Secchi Disc	2.5	meters			1	11/04/2021 11:44	11/04/2021 11:44	X
Total Depth	3.5	meters			1	11/04/2021 11:44	11/04/2021 11:44	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	50717	umhos/c			1	11/04/2021 11:45	11/04/2021 11:45	F
DO Saturation %	70.6	%			1	11/04/2021 11:45	11/04/2021 11:45	F
Dissolved Oxygen	4.71	mg/L			1	11/04/2021 11:45	11/04/2021 11:45	F
Salinity	33.13	ppt			1	11/04/2021 11:45	11/04/2021 11:45	F
Temperature	30.1	°C			1	11/04/2021 11:45	11/04/2021 11:45	F
pH	8.09	SU			1	11/04/2021 11:45	11/04/2021 11:45	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.418	mg/L	0.2	0.12	1	11/10/2021 14:56	11/10/2021 14:56	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.41	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.012	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:05	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:05	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:05	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410007 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: LANDMARK_DUP Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 11:54	11/04/2021 11:54	X
Secchi Disc	2.5	meters			1	11/04/2021 11:54	11/04/2021 11:54	X
Total Depth	3.5	meters			1	11/04/2021 11:53	11/04/2021 11:53	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	50540	umhos/c			1	11/04/2021 11:56	11/04/2021 11:56	F
DO Saturation %	65.8	%			1	11/04/2021 11:56	11/04/2021 11:56	F
Dissolved Oxygen	4.23	mg/L			1	11/04/2021 11:56	11/04/2021 11:56	F
Salinity	33.03	ppt			1	11/04/2021 11:56	11/04/2021 11:56	F
Temperature	30	°C			1	11/04/2021 11:56	11/04/2021 11:56	F
pH	8.09	SU			1	11/04/2021 11:56	11/04/2021 11:56	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.338	mg/L	0.2	0.12	1	11/10/2021 14:56	11/10/2021 14:56	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.012	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.8	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:06	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:06	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:06	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:03	11/04/2021 12:03	X
Secchi Disc	2.5	meters			1	11/04/2021 12:04	11/04/2021 12:04	X
Total Depth	3	meters			1	11/04/2021 12:03	11/04/2021 12:03	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	48576	umhos/c			1	11/04/2021 12:04	11/04/2021 12:04	F
DO Saturation %	73.2	%			1	11/04/2021 12:04	11/04/2021 12:04	F
Dissolved Oxygen	4.91	mg/L			1	11/04/2021 12:04	11/04/2021 12:04	F
Salinity	31.55	ppt			1	11/04/2021 12:04	11/04/2021 12:04	F
Temperature	29.4	°C			1	11/04/2021 12:04	11/04/2021 12:04	F
pH	8.02	SU			1	11/04/2021 12:04	11/04/2021 12:04	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.327	mg/L	0.2	0.12	1	11/10/2021 14:56	11/10/2021 14:56	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	2	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.012	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	8.8	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:07	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:07	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:07	T

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Workorder: MARCO (F2104410)

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Workorder: MARCO (F2104410)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410009 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: SWALLOW Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:09	11/04/2021 12:09	X
Secchi Disc	4	meters			1	11/04/2021 12:09	11/04/2021 12:09	X
Total Depth	4	meters			1	11/04/2021 12:08	11/04/2021 12:08	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	49920	umhos/c			1	11/04/2021 12:09	11/04/2021 12:09	F
DO Saturation %	44.5	%			1	11/04/2021 12:09	11/04/2021 12:09	F
Dissolved Oxygen	2.73	mg/L			1	11/04/2021 12:09	11/04/2021 12:09	F
Salinity	32.42	ppt			1	11/04/2021 12:09	11/04/2021 12:09	F
Temperature	30.5	°C			1	11/04/2021 12:09	11/04/2021 12:09	F
pH	7.93	SU			1	11/04/2021 12:09	11/04/2021 12:09	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	63	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.408	mg/L	0.2	0.12	1	11/10/2021 14:56	11/10/2021 14:56	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.6	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.049	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.07	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:07	T
Nitrate + Nitrite	0.07	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:07	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:07	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410010 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: W_WINTERBERRY_BRID Date Received: 10/14/2021								
GE								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:13	11/04/2021 12:13	X
Secchi Disc	2	meters			1	11/04/2021 12:14	11/04/2021 12:14	X
Total Depth	2	meters			1	11/04/2021 12:12	11/04/2021 12:12	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	50795	umhos/c			1	11/04/2021 12:14	11/04/2021 12:14	F
DO Saturation %	63.1	%			1	11/04/2021 12:14	11/04/2021 12:14	F
Dissolved Oxygen	4.06	mg/L			1	11/04/2021 12:14	11/04/2021 12:14	F
Salinity	33.2	ppt			1	11/04/2021 12:14	11/04/2021 12:14	F
Temperature	29.3	°C			1	11/04/2021 12:14	11/04/2021 12:14	F
pH	8.01	SU			1	11/04/2021 12:14	11/04/2021 12:14	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	11/10/2021 14:57	11/10/2021 14:57	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.8	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.007 I	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.02	mg/L	0.01	0.0060	1	10/15/2021 14:0	10/15/2021 14:08	T
Nitrate + Nitrite	0.02 I	mg/L	0.02	0.010	1	10/15/2021 14:0	10/15/2021 14:08	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:0	10/15/2021 14:08	T

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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410011 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: E_WINTERBERRY_BRID Date Received: 10/14/2021								
GE								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:17	11/04/2021 12:17	X
Secchi Disc	3.5	meters			1	11/04/2021 12:18	11/04/2021 12:18	X
Total Depth	4	meters			1	11/04/2021 12:17	11/04/2021 12:17	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	51309	umhos/c			1	11/04/2021 12:18	11/04/2021 12:18	F
DO Saturation %	68.2	%			1	11/04/2021 12:18	11/04/2021 12:18	F
Dissolved Oxygen	4.3	mg/L			1	11/04/2021 12:18	11/04/2021 12:18	F
Salinity	33.46	ppt			1	11/04/2021 12:18	11/04/2021 12:18	F
Temperature	29.8	°C			1	11/04/2021 12:18	11/04/2021 12:18	F
pH	8.07	SU			1	11/04/2021 12:18	11/04/2021 12:18	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	20	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.251	mg/L	0.2	0.12	1	11/10/2021 14:57	11/10/2021 14:57	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.31	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.8	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.069	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	3.2	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	10/15/2021 14:1	10/15/2021 14:15	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	10/15/2021 14:1	10/15/2021 14:15	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:1	10/15/2021 14:15	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410012 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: MCILVAINE Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:21	11/04/2021 12:21	X
Secchi Disc	3	meters			1	11/04/2021 12:21	11/04/2021 12:21	X
Total Depth	3.5	meters			1	11/04/2021 12:20	11/04/2021 12:20	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	52430	umhos/c			1	11/04/2021 12:22	11/04/2021 12:22	F
DO Saturation %	67.8	%			1	11/04/2021 12:22	11/04/2021 12:22	F
Dissolved Oxygen	4.29	mg/L			1	11/04/2021 12:22	11/04/2021 12:22	F
Salinity	34.38	ppt			1	11/04/2021 12:22	11/04/2021 12:22	F
Temperature	29.9	°C			1	11/04/2021 12:22	11/04/2021 12:22	F
pH	8.09	SU			1	11/04/2021 12:22	11/04/2021 12:22	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	11/10/2021 14:57	11/10/2021 14:57	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.2 I	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.7	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.005 I	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.02	mg/L	0.01	0.0060	1	10/15/2021 14:1	10/15/2021 14:17	T
Nitrate + Nitrite	0.02 I	mg/L	0.02	0.010	1	10/15/2021 14:1	10/15/2021 14:17	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:1	10/15/2021 14:17	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410013 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: HUMMINGBIRD Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:25	11/04/2021 12:25	X
Secchi Disc	3.5	meters			1	11/04/2021 12:26	11/04/2021 12:26	X
Total Depth	3.5	meters			1	11/04/2021 12:25	11/04/2021 12:25	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	48743	umhos/c			1	11/04/2021 12:27	11/04/2021 12:27	F
DO Saturation %	66.5	%			1	11/04/2021 12:27	11/04/2021 12:27	F
Dissolved Oxygen	4.14	mg/L			1	11/04/2021 12:27	11/04/2021 12:27	F
Salinity	31.63	ppt			1	11/04/2021 12:27	11/04/2021 12:27	F
Temperature	29.5	°C			1	11/04/2021 12:27	11/04/2021 12:27	F
pH	8	SU			1	11/04/2021 12:27	11/04/2021 12:27	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10 U	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	11/10/2021 14:58	11/10/2021 14:58	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.2 I	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.6	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.056	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.01	mg/L	0.01	0.0060	1	10/15/2021 14:1	10/15/2021 14:18	T
Nitrate + Nitrite	0.02 I	mg/L	0.02	0.010	1	10/15/2021 14:1	10/15/2021 14:18	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:1	10/15/2021 14:18	T





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Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410014 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: HOLLYHOCK Date Received: 10/14/2021								
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:30	11/04/2021 12:30	X
Secchi Disc	3	meters			1	11/04/2021 12:30	11/04/2021 12:30	X
Total Depth	3	meters			1	11/04/2021 12:29	11/04/2021 12:29	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	49690	umhos/c			1	11/04/2021 12:30	11/04/2021 12:30	F
DO Saturation %	47.6	%			1	11/04/2021 12:30	11/04/2021 12:30	F
Dissolved Oxygen	3.09	mg/L			1	11/04/2021 12:30	11/04/2021 12:30	F
Salinity	32.39	ppt			1	11/04/2021 12:30	11/04/2021 12:30	F
Temperature	29.6	°C			1	11/04/2021 12:30	11/04/2021 12:30	F
pH	7.89	SU			1	11/04/2021 12:30	11/04/2021 12:30	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	31	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.381	mg/L	0.2	0.12	1	11/10/2021 14:58	11/10/2021 14:58	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.41	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.8	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.012	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.02	mg/L	0.01	0.0060	1	10/15/2021 14:1	10/15/2021 14:19	T
Nitrate + Nitrite	0.02	mg/L	0.02	0.010	1	10/15/2021 14:1	10/15/2021 14:19	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:1	10/15/2021 14:19	T





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Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (DISRES)								
Sample Depth	0.3	meters			1	11/04/2021 12:49	11/04/2021 12:49	X
Secchi Disc	3	meters			1	11/04/2021 12:49	11/04/2021 12:49	X
Total Depth	4	meters			1	11/04/2021 12:33	11/04/2021 12:33	X
FIELD PARAMETERS (Field Measurements)								
Conductivity	49206	umhos/c			1	11/04/2021 12:49	11/04/2021 12:49	F
DO Saturation %	69.5	%			1	11/04/2021 12:49	11/04/2021 12:49	F
Dissolved Oxygen	4.5	mg/L			1	11/04/2021 12:49	11/04/2021 12:49	F
Salinity	32.01	ppt			1	11/04/2021 12:49	11/04/2021 12:49	F
Temperature	29.3	°C			1	11/04/2021 12:49	11/04/2021 12:49	F
pH	7.96	SU			1	11/04/2021 12:49	11/04/2021 12:49	F
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	10	MPN/100	10	10	10	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.343	mg/L	0.2	0.12	1	11/10/2021 14:58	11/10/2021 14:58	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.3 l	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	1	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.014	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	4.0	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.01	mg/L	0.01	0.0060	1	10/15/2021 14:1	10/15/2021 14:19	T
Nitrate + Nitrite	0.02 l	mg/L	0.02	0.010	1	10/15/2021 14:1	10/15/2021 14:19	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:1	10/15/2021 14:19	T





Advanced Environmental Laboratories, Inc
13100 Westlinks Terrace, Unit 10 Ft. Myers FL 33913
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Phone: (239) 674-8130
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FINAL

Workorder: MARCO (F2104410)

Analytical Results

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FINAL

Workorder: MARCO (F2104410)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: F2104410016 Date Collected: 10/14/2021 Matrix: Water								
Sample ID: EQUIPMENT_BLANK Date Received: 10/14/2021								
Microbiology (ENTEROLERT/ QUANTI-TRAY)								
Enterococcus	1 U	MPN/100	1	1	1	10/14/2021 15:5	10/14/2021 15:59	F
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	11/10/2021 14:58	11/10/2021 14:58	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 351.2)								
Total Kjeldahl Nitrogen	0.20 U	mg/L	0.5	0.20	1	10/18/2021 16:4	10/19/2021 15:50	G
WET CHEMISTRY (EPA 180.1)								
Turbidity	0.10 U	NTU	0.1	0.10	1	10/15/2021 10:3	10/15/2021 10:35	F
WET CHEMISTRY (EPA 365.3)								
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	1	10/20/2021 12:4	10/21/2021 14:04	G
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
Pheophytin A	2.5 U	mg/m3	3.0	2.5	1	10/19/2021 10:3	10/19/2021 10:30	G
WET CHEMISTRY (SM 4500NO3-F (Low Level))								
Nitrate (as N)	0.0060 U	mg/L	0.01	0.0060	1	10/15/2021 14:2	10/15/2021 14:20	T
Nitrate + Nitrite	0.010 U	mg/L	0.02	0.010	1	10/15/2021 14:2	10/15/2021 14:20	T
Nitrite (as N)	0.0080 U	mg/L	0.01	0.0080	1	10/15/2021 14:2	10/15/2021 14:20	T





FINAL

Workorder: MARCO (F2104410)

QC Results

QC Batch: MICf/1431 **Analysis Method:** ENTEROLERT/ QUANTI-TRAY
Preparation Method: ENTEROLERT/ QUANTI-TRAY
Associated Lab IDs: F2104410001, F2104410002, F2104410003, F2104410004, F2104410005, F2104410006, F2104410007, F2104410008, F2104410009, F2104410010, F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4065404)

Parameter	Results	Units	PQL	MDL	Lab
Enterococcus	1 U	MPN/100 mL	1	1	F

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Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAf/1665 **Analysis Method:** EPA 180.1
Preparation Method: EPA 180.1
Associated Lab IDs: F2104410001, F2104410002, F2104410003, F2104410004, F2104410005, F2104410006, F2104410007, F2104410008, F2104410009, F2104410010, F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4064328)

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

Sample Duplicate (4064331)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Turbidity	1.62	1.6	NTU	1	20	F





FINAL

Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAg/4086 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: F2104410001, F2104410002, F2104410003, F2104410004, F2104410005, F2104410006, F2104410007, F2104410008, F2104410009, F2104410010, F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4067732)

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

Sample Duplicate (4067733)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Pheophytin A	2.4	2.4	mg/m3	0		G

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Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAg/4121 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2104410001, F2104410002, F2104410003, F2104410004, F2104410005, F2104410006, F2104410007, F2104410008

Method Blank(4070149)

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

Lab Control Sample (4070151)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Kjeldahl Nitrogen	mg/L	1	1	105	90 - 110	G

Matrix Spike (4070153); Matrix Spike Duplicate (4070155)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Kjeldahl Nitrogen	mg/L	1	1	79	80 - 120	1	84	4	20	G

Matrix Spike (4070157); Matrix Spike Duplicate (4070158)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Kjeldahl Nitrogen	mg/L	1	1	69	80 - 120	1	96	23	20	G

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FINAL

Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAg/4123 **Analysis Method:** EPA 351.2
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2104410009, F2104410010, F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4070187)

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

Lab Control Sample (4070189)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Kjeldahl Nitrogen	mg/L	1	.9	95	90 - 110	G

Matrix Spike (4070191); Matrix Spike Duplicate (4070193)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Kjeldahl Nitrogen	mg/L	1	5	167	80 - 120	5	147	4	20	G

Matrix Spike (4070195); Matrix Spike Duplicate (4070198)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Kjeldahl Nitrogen	mg/L	1	11	110	80 - 120	11	47			G

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Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAg/4124 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: F2104410009, F2104410010, F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4070188)

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





FINAL

Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAg/4128 Analysis Method: EPA 365.3
Preparation Method: EPA 365.3
Associated Lab IDs: F2104410001, F2104410002, F2104410003, F2104410004, F2104410005, F2104410006, F2104410007, F2104410008, F2104410009

Method Blank(4072905)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	G

Lab Control Sample (4072907)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Phosphorus (as P)	mg/L	0.10	.08	83	80 - 120	G

Matrix Spike (4072908); Matrix Spike Duplicate (4072909)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Phosphorus (as P)	mg/L	0.25	.56	97	80 - 120	.55	93	2	20	G

Method Blank(4072911)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	G

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Workorder: MARCO (F2104410)

QC Results

QC Batch: WCAg/4130 **Analysis Method:** EPA 365.3
Preparation Method: EPA 365.3
Associated Lab IDs: F2104410010, F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4072953)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	G

Lab Control Sample (4072955)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Phosphorus (as P)	mg/L	0.10	.09	85	80 - 120	G

Matrix Spike (4072956); Matrix Spike Duplicate (4072957)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Phosphorus (as P)	mg/L	0.25	.25	97	80 - 120	.25	98	1	20	G

Method Blank(4072959)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.005 U	mg/L	0.01	0.005	G

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FINAL

Workorder: MARCO (F2104410)

QC Results

QC Batch: WCA17856 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2104410001, F2104410002, F2104410003, F2104410004, F2104410005, F2104410006, F2104410007, F2104410008, F2104410009, F2104410010

Method Blank(4077074)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate + Nitrite	0.010 U	mg/L	0.020	0.010	T
Nitrite (as N)	0.0080 U	mg/L	0.010	0.0080	T
Nitrate (as N)	0.0060 U	mg/L	0.010	0.0060	T

Lab Control Sample (4077075)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	0.05	.05	94	90 - 110	T
Nitrate + Nitrite	mg/L	0.10	.09	92	90 - 110	T
Nitrite (as N)	mg/L	0.05	.04	90	90 - 110	T

Matrix Spike (4077076); Matrix Spike Duplicate (4077077)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrite (as N)	mg/L	0.05	.05	100	90 - 110	.05	100	0	10	T
Nitrate (as N)	mg/L	0.05	.07	104	90 - 110	.07	104	0	10	T
Nitrate + Nitrite	mg/L	0.10	.1	98	90 - 110	.1	98	0	10	T

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FINAL

Workorder: MARCO (F2104410)

QC Results

QC Batch: WCA17857 **Analysis Method:** SM 4500NO3-F (Low Level)
Preparation Method: SM 4500NO3-F (Low Level)
Associated Lab IDs: F2104410011, F2104410012, F2104410013, F2104410014, F2104410015, F2104410016

Method Blank(4077078)

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

Lab Control Sample (4077079)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrite (as N)	mg/L	0.05	.04	90	90 - 110	T
Nitrate + Nitrite	mg/L	0.10	.09	92	90 - 110	T
Nitrate (as N)	mg/L	0.05	.05	94	90 - 110	T

Matrix Spike (4077080); Matrix Spike Duplicate (4077081)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	0.05	.05	106	90 - 110	.05	104	2	10	T
Nitrite (as N)	mg/L	0.05	.05	102	90 - 110	.05	102	0	10	T
Nitrate + Nitrite	mg/L	0.10	.1	104	90 - 110	.1	103	1	10	T

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Workorder: MARCO (F2104410)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MICf/1431 - ENTEROLERT/ QUANTI-TRAY			
F2104410001	BARFIELD_BRIDGE		
F2104410002	OLDE_MARCO		
F2104410003	JH_PARK		
F2104410004	KENDALL		
F2104410005	COLLIER_BRIDGE		
F2104410006	LANDMARK		
F2104410007	LANDMARK_DUP		
F2104410008	HC_CENTER		
F2104410009	SWALLOW		
F2104410010	W_WINTERBERRY_BRIDGE		
F2104410011	E_WINTERBERRY_BRIDGE		
F2104410012	MCILVAINE		
F2104410013	HUMMINGBIRD		
F2104410014	HOLLYHOCK		
F2104410015	WINDMILL		
F2104410016	EQUIPMENT_BLANK		
WCAf/1665 - EPA 180.1			
F2104410001	BARFIELD_BRIDGE		
F2104410002	OLDE_MARCO		
F2104410003	JH_PARK		
F2104410004	KENDALL		
F2104410005	COLLIER_BRIDGE		
F2104410006	LANDMARK		
F2104410007	LANDMARK_DUP		
F2104410008	HC_CENTER		
F2104410009	SWALLOW		
F2104410010	W_WINTERBERRY_BRIDGE		
F2104410011	E_WINTERBERRY_BRIDGE		
F2104410012	MCILVAINE		
F2104410013	HUMMINGBIRD		
F2104410014	HOLLYHOCK		
F2104410015	WINDMILL		
F2104410016	EQUIPMENT_BLANK		

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Workorder: MARCO (F2104410)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/4086 - SM 10200 H			
F2104410001	BARFIELD_BRIDGE		
F2104410002	OLDE_MARCO		
F2104410003	JH_PARK		
F2104410004	KENDALL		
F2104410005	COLLIER_BRIDGE		
F2104410006	LANDMARK		
F2104410007	LANDMARK_DUP		
F2104410008	HC_CENTER		
F2104410009	SWALLOW		
F2104410010	W_WINTERBERRY_BRIDGE		
F2104410011	E_WINTERBERRY_BRIDGE		
F2104410012	MCILVAINE		
F2104410013	HUMMINGBIRD		
F2104410014	HOLLYHOCK		
F2104410015	WINDMILL		
F2104410016	EQUIPMENT_BLANK		
WCAg/4121 - EPA 351.2			
F2104410001	BARFIELD_BRIDGE	WCAg/4103	Copper Sulfate Digestion
F2104410002	OLDE_MARCO	WCAg/4103	Copper Sulfate Digestion
F2104410003	JH_PARK	WCAg/4103	Copper Sulfate Digestion
F2104410004	KENDALL	WCAg/4103	Copper Sulfate Digestion
F2104410005	COLLIER_BRIDGE	WCAg/4103	Copper Sulfate Digestion
F2104410006	LANDMARK	WCAg/4103	Copper Sulfate Digestion
F2104410007	LANDMARK_DUP	WCAg/4103	Copper Sulfate Digestion
F2104410008	HC_CENTER	WCAg/4103	Copper Sulfate Digestion

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Workorder: MARCO (F2104410)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/4123 - EPA 351.2			
F2104410009	SWALLOW	WCAg/4106	Copper Sulfate Digestion
F2104410010	W_WINTERBERRY_BRIDGE	WCAg/4106	Copper Sulfate Digestion
F2104410011	E_WINTERBERRY_BRIDGE	WCAg/4106	Copper Sulfate Digestion
F2104410012	MCILVAINE	WCAg/4106	Copper Sulfate Digestion
F2104410013	HUMMINGBIRD	WCAg/4106	Copper Sulfate Digestion
F2104410014	HOLLYHOCK	WCAg/4106	Copper Sulfate Digestion
F2104410015	WINDMILL	WCAg/4106	Copper Sulfate Digestion
F2104410016	EQUIPMENT_BLANK	WCAg/4106	Copper Sulfate Digestion
WCAg/4128 - EPA 365.3			
F2104410001	BARFIELD_BRIDGE	WCAg/4127	EPA 365.3
F2104410002	OLDE_MARCO	WCAg/4127	EPA 365.3
F2104410003	JH_PARK	WCAg/4127	EPA 365.3
F2104410004	KENDALL	WCAg/4127	EPA 365.3
F2104410005	COLLIER_BRIDGE	WCAg/4127	EPA 365.3
F2104410006	LANDMARK	WCAg/4127	EPA 365.3
F2104410007	LANDMARK_DUP	WCAg/4127	EPA 365.3
F2104410008	HC_CENTER	WCAg/4127	EPA 365.3
F2104410009	SWALLOW	WCAg/4127	EPA 365.3
WCAg/4130 - EPA 365.3			
F2104410010	W_WINTERBERRY_BRIDGE	WCAg/4129	EPA 365.3
F2104410011	E_WINTERBERRY_BRIDGE	WCAg/4129	EPA 365.3
F2104410012	MCILVAINE	WCAg/4129	EPA 365.3
F2104410013	HUMMINGBIRD	WCAg/4129	EPA 365.3
F2104410014	HOLLYHOCK	WCAg/4129	EPA 365.3
F2104410015	WINDMILL	WCAg/4129	EPA 365.3
F2104410016	EQUIPMENT_BLANK	WCAg/4129	EPA 365.3

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FINAL

Workorder: MARCO (F2104410)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/7856 - SM 4500NO3-F (Low Level)			
F2104410001	BARFIELD_BRIDGE		
F2104410002	OLDE_MARCO		
F2104410003	JH_PARK		
F2104410004	KENDALL		
F2104410005	COLLIER_BRIDGE		
F2104410006	LANDMARK		
F2104410007	LANDMARK_DUP		
F2104410008	HC_CENTER		
F2104410009	SWALLOW		
F2104410010	W_WINTERBERRY_BRIDGE		
WCAI/7857 - SM 4500NO3-F (Low Level)			
F2104410011	E_WINTERBERRY_BRIDGE		
F2104410012	MCILVAINE		
F2104410013	HUMMINGBIRD		
F2104410014	HOLLYHOCK		
F2104410015	WINDMILL		
F2104410016	EQUIPMENT_BLANK		

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Work Order: F2104410
Client: City of Marco Island
Project ID: MARCO

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: EPA 351.2
Preparation: Copper Sulfate Digestion

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes
The matrix spike recovery of TKN for J2113935002 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS), Matrix Spike Duplicate (MSD) 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 TKN for F2104410008 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and Matrix Spike Duplicate (MSD) 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.

Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates:



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The relative percent difference (RPD) for the following analyte(s) in the replicate matrix spike analyses of F2104410008 was outside control criteria: TKN. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the MSD and associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.



FINAL

Workorder: MARCO (F2104410)



Advanced Environmental Laboratories, Inc.
 Jacksonville, FL 32218-9043
 Tallahassee, FL 32303-8802

Client Name: City of Marco Island
 Address: 50 Bald Eagle Dr.
 Marco Island, FL 3141445
 Phone: 239-300-1462
 FAX: Jason Tomasesetti
 Contact: P. Manard
 Turn Around Time: Standard X Rush
 AEL Profile #: 65884

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

ADAPT EQUIS Other WIN
 Grab Comp DATE TIME MATRIX NO. COUNT
 ANALYSIS REQUIRED
 BOTTLE SIZE & TYPE
 NO2/NO3 250 mL Plastic
 TKN/TP/TN 250 mL Plastic
 Chlor-A/Turbidity 1L Amb Plastic
 Enterococci 100 mL Cup

LABORATORY I.D. NUMBER
 * F 2 1 0 4 4 1 0 *

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
			DATE	TIME					
	BARFIELD_BRIDGE	Grab	10/14/21	08:03	SW	4	X	NO2/NO3	250 mL Plastic
	OLDE_MARCO	Grab	10/14/21	08:15	SW	4	X	TKN/TP/TN	250 mL Plastic
	JH_PARK	Grab	10/14/21	08:29	SW	4	X	Chlor-A/Turbidity	1L Amb Plastic
	KENDALL	Grab	10/14/21	08:44	SW	4	X	Enterococci	100 mL Cup
	COLLIER_BRIDGE	Grab	10/14/21	08:58	SW	4	X		
	LANDMARK	Grab	10/14/21	09:10	SW	4	X		
	LANDMARK_DUP	Grab	10/14/21	09:15	SW	4	X		
	HQ_CENTER	Grab	10/14/21	09:30	SW	4	X		
	SWALLOW	Grab	10/14/21	09:55	SW	4	X		
	W_WINTERBERRY_BRIDGE	Grab	10/14/21	10:10	SW	4	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
 DCM: AD-005 (web) 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: [Signature] Date: 10/14/21 Time: 13:43 Received by: [Signature] Date: 10/14/21 Time: 13:43
 Temp. when received (observed) 19.2 °C Temp. when received (corrected) 19.2 °C
 Temp. when received (observed) 19.2 °C Temp. when received (corrected) 19.2 °C
 FOR DRINKING WATER USE:
 (When PWS information not otherwise supplied) PWS ID:
 Contact Person:
 Supplier of Water:
 Site Address:



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

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Altamonte Springs: 380 Northline Blvd, Ste. 1048, Ft. 32701 • 407.937.1594 • Lab ID: E53076
 Fort Myers: 13100 Westlinks Terrace, Ste. 10, Ft. 33913 • 239.674.8130 • Lab ID: E84492
 Jacksonville: 6681 Southpoint Pkwy., Ft. 32216 • 904.363.9350 • Lab ID: E23574
 Tallahassee: 2638 North Monroe St., Suite D, Ft. 32303 • 904.219.6274 • Lab ID: E817095

Gainesville: 4665 SW 41st Blvd., Ft. 32608 • 352.377.2349 • Lab ID: E82001
 Miramar: 10200 USA Today Way, Ft. 33025 • 954.889.2288 • Lab ID: E82535
 Tampa: 9810 Process Palm Ave., Ft. 33619 • 813.630.9916 • Lab ID: E84889

F2104410 Page 2 of 2

Client Name: City of Marco Island		Project Name: MARCO				
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:				
Phone: 239-300-1482		FDEP Facility No.:				
FAX:		FDEP Facility Addr.:				
Contact: Jason Tomasesetti		Special Instructions:				
Sampled By: P. Manard		Turn Around Time: Standard <input checked="" type="checkbox"/> Rush				
AEL Profile #: 65884		ADAPT				
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	EQUIS		Other	WIN
			DATE	SAMPLING TIME		
E_WINTERBERRY_BRIDGE		Grab	10/14/21	10:23	SW	4
	MCILVAINE	Grab	10/14/21	10:34	SW	4
	HUMMINGBIRD	Grab	10/14/21	10:53	SW	4
	HOLLYHOCK	Grab	10/14/21	11:06	SW	4
	WINDMILL	Grab	10/14/21	11:19	SW	4
	EQUIPMENT_BLANK	Grab	10/14/21	11:28	SW	4
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Received on ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Temp taken from sample <input type="checkbox"/> Temp from blank <input type="checkbox"/> Where required, pH checked DCM: AD-D051web Form last revised 09/07/2019 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 E7A Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate) Temp. when received (observed) 79.2 °C Temp. when received (corrected) 79.2 °C FOR DRINKING WATER USE: (When PWS information not otherwise supplied) PWS-ID: _____ Contact Person: _____ Supplier of Water: _____ Site Address: _____						
1	Benita Miller		10/14/21	13:43		
2						
3						
4						

Wednesday, November 10, 2021 3:06:11 PM
 Dates and times are displayed using (-05:00)
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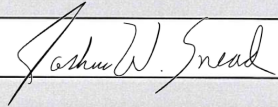
Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL	
SAMPLE TIME	08:03	08:04	08:15	08:16	08:29	08:30	08:44	08:45	
SAMPLE DEPTH	0.30m top	3.0	0.30m top	2.5	0.30m top	5.0	0.30m top	2.0	
TOTAL DEPTH	3.5	3.5	3.0	3.0	5.5	5.5	2.5	2.5	
TEMP /C	29.0	29.0	28.6	28.7	28.9	29.5	28.6	30.2	
D.O. mg / L	4.84	4.19	4.38	4.07	4.99	4.49	3.92	1.96	
D.O. % sat.	74.2	58.7	67.7	60.3	77.3	69.5	52.5	30.2	
CONDUCTIVITY(umhos)	51,429	52,427	52,385	52,492	49,013	49,487	46,729	48,988	
SALINITY ppt.	31.63	33.74	34.67	34.70	31.94	32.57	30.28	31.84	
pH su.	7.97	7.98	8.09	8.10	8.01	7.98	7.90	7.79	
SECCHI DEPTH	3.5	3.5	3.0	3.0	4.5	4.5	2.5	2.5	
FIELD COMMENTS:	77 degrees and Sunny		77 degrees and Sunny		78 degrees and Sunny		79 degrees and Sunny		
WEATHER :	DEG F		DEG F		DEG F		DEG F		
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		
Authentication									
SAMPLED BY: (PRINT) /	BM / AEL				Sampler's Signature			Date	
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES								10/14/21	





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Advanced Environmental Laboratories, Inc									
Client Name:	CITY OF MARCO ISLAND				Site Name:	MARCO ISLAND WATERWAYS			
Water Sample Parameters									
SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP	HC CENTER	HC CENTER	
SAMPLE TIME	08:58	08:59	09:10	09:11	09:15	09:16	09:30	09:31	
SAMPLE DEPTH	0.30m top	4.5	0.30m top	3.0	0.30m top	3.0	0.30m top	2.5	
TOTAL DEPTH	5.0	5.0	3.5	3.5	3.5	3.5	3.0	3.0	
TEMP /C	29.2	30.1	30.1	30.7	30.0	30.7	29.4	29.6	
D.O. mg / L	3.51	2.30	4.71	5.13	4.23	4.52	4.91	3.51	
D.O. % sat.	48.4	35.6	70.6	80.9	65.8	73.6	73.2	42.2	
CONDUCTIVITY(umhos)	47,179	49,968	50,717	51,963	50,540	51,962	48,576	49,080	
SALINITY ppt.	30.53	32.57	33.13	34.02	33.03	34.01	31.55	31.78	
pH su.	7.89	7.88	8.09	8.17	8.09	8.17	8.02	7.98	
SECCHI DEPTH	4.5	4.5	2.5	2.5	2.5	2.5	2.5	2.5	
FIELD COMMENTS:	79 Degrees and Sunny		79 Degrees and Sunny		79 Degrees and Sunny		80 Degrees and Sunny		
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		
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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	09:55	09:56	10:10	10:11	10:23	10:24	10:34	10:35
SAMPLE DEPTH	0.30m top	3.5	0.30m top	1.5	0.30m top	3.5	0.30m top	3.0
TOTAL DEPTH	4.0	4.0	2.0	2.0	4.0	4.0	3.5	3.5
TEMP /C	30.5	31.0	29.3	29.4	29.8	30.1	29.9	29.8
D.O. mg / L	2.73	2.95	4.06	3.82	4.30	3.62	4.29	3.54
D.O. % sat.	44.5	47.1	63.1	60.8	68.2	57.5	67.8	54.8
CONDUCTIVITY(umhos)	49,920	52,570	50,795	50,975	51,309	52,343	52,430	52,681
SALINITY ppt.	32.42	34.46	33.20	33.31	33.46	34.31	34.38	34.58
pH su.	7.93	8.08	8.01	8.02	8.07	8.08	8.09	8.04
SECCHI DEPTH	4.0	4.0	2.0	2.0	3.5	3.5	3.0	3.0
FIELD COMMENTS:	80 Degrees and Sunny		80 Degrees and Sunny		80 Degrees and Sunny		80 Degrees and Sunny	
WEATHER :	DEG F		DEG F		DEG F		DEG F	
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X	
Authentication								
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Advanced Environmental Laboratories, Inc							
Client Name:	CITY OF MARCO ISLAND			Site Name:	MARCO ISLAND WATERWAYS		
Water Sample Parameters							
SAMPLE LOCATION	HUMMING BIRD	HUMMING BIRD	HOLLY HOCK	HOLLY HOCK	WINDMILL	WINDMILL	EQUIP BLANK
SAMPLE TIME	10:53	10:54	11:06	11:07	11:19	11:20	11:28
SAMPLE DEPTH	0.30m top	3.0	0.30m top	2.5	0.30m top	3.5	NA
TOTAL DEPTH	3.5	3.5	3.0	3.0	4.0	4.0	NA
TEMP /C	29.5	30.1	29.6	29.7	29.3	29.3	NA
D.O. mg / L	4.14	2.59	3.09	3.30	4.50	3.90	NA
D.O. % sat.	66.5	40.1	47.6	44.7	69.5	63.8	NA
CONDUCTIVITY(umhos)	48,743	49,626	49,690	50,342	49,206	50,033	NA
SALINITY ppt.	31.63	32.31	32.39	32.85	32.01	32.63	NA
pH su.	8.00	7.91	7.89	7.89	7.96	7.96	NA
SECCHI DEPTH	3.5	3.5	3.0	3.0	3.0	3.0	NA
FIELD COMMENTS:	82 Degrees and Sunny		82 Degrees and Sunny		83 Degrees and Sunny		NA
WEATHER :	DEG F		DEG F		DEG F		DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X
Authentication							
SAMPLED BY: (PRINT) /	BM / AEL			Sampler's Signature			Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES							10/14/21

