

April 2, 2021

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

RE: Workorder: F2101185 MARCO

Dear Jason Tomassetti:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, March 18, 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,



Josh Snead - Laboratory Manager
JSnead@aellab.com

Enclosures

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SAMPLE SUMMARY

Workorder: F2101185 MARCO

Lab ID	Sample ID	Matrix	Date Collected	Date Received
F2101185001	BARFIELD_BRIDGE	Water	3/18/2021 07:11	3/18/2021 11:30
F2101185002	OLDE_MARCO	Water	3/18/2021 07:24	3/18/2021 11:30
F2101185003	JH_PARK	Water	3/18/2021 07:45	3/18/2021 11:30
F2101185004	KENDALL	Water	3/18/2021 07:58	3/18/2021 11:30
F2101185005	COLLIER_BRIDGE	Water	3/18/2021 08:12	3/18/2021 11:30
F2101185006	HC_CENTER	Water	3/18/2021 08:54	3/18/2021 11:30
F2101185007	LANDMARK	Water	3/18/2021 08:22	3/18/2021 11:30
F2101185008	LANDMARK_DUP	Water	3/18/2021 08:23	3/18/2021 11:30
F2101185009	SWALLOW	Water	3/18/2021 09:06	3/18/2021 11:30
F2101185010	W_WINTERBERRY_BRIDGE	Water	3/18/2021 08:54	3/18/2021 11:30
F2101185011	E_WINTERBERRY_BRIDGE	Water	3/18/2021 09:21	3/18/2021 11:30
F2101185012	MCILVANE	Water	3/18/2021 09:36	3/18/2021 11:30
F2101185013	HOLLYHOCK	Water	3/18/2021 10:06	3/18/2021 11:30
F2101185014	HUMMINGBIRD	Water	3/18/2021 09:54	3/18/2021 11:30
F2101185015	WINDMILL	Water	3/18/2021 10:18	3/18/2021 11:30
F2101185016	EQUIPMENT_BLANK	Water	3/18/2021 10:25	3/18/2021 11:30

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185001**
Sample ID: **BARFIELD_BRIDGE**

Date Received: 03/18/21 11:30 Matrix: Water
Date Collected: 03/18/21 07:11

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			3/18/2021 07:11	X^
Secchi Disc	2		meters	1			3/18/2021 07:11	X^
Total Depth	2.5		meters	1			3/18/2021 07:11	X^
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	52391		umhos/cm	1			3/18/2021 07:11	F^
DO Saturation %	79.7		%	1			3/18/2021 07:11	F^
Dissolved Oxygen	5.45		mg/L	1			3/18/2021 07:11	F^
Salinity	34.5		ppt	1			3/18/2021 07:11	F^
Temperature	24.6		°C	1			3/18/2021 07:11	F^
pH	7.81		SU	1			3/18/2021 07:11	F^
Microbiology								
Analysis Desc: Enterococcus w/MICRO- QT Prep,Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10		MPN/100 mL	10	10	10	3/18/2021 13:50	F
WET CHEMISTRY								
Analysis Desc: Total Nitrogen, Calculated,Water			Analytical Method: Calculation					
Total Nitrogen	0.38		mg/L	1	0.20	0.12	4/1/2021 23:17	G
Analysis Desc: Turbidity,E180.1,Water			Analytical Method: EPA 180.1					
Turbidity	2.2		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water			Preparation Method: Copper Sulfate Digestion Analytical Method: EPA 351.2					
Total Kjeldahl Nitrogen	0.35	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus, E365.3,Analysis			Preparation Method: EPA 365.3 Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.008	I	mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	3.2	1	mg/m3	1	3.0	2.5	3/23/2021 17:20	G

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185001** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **BARFIELD_BRIDGE** Date Collected: 03/18/21 07:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.024		mg/L	1	0.010	0.0060	3/19/2021 17:34	T
Nitrate + Nitrite	0.027		mg/L	1	0.020	0.010	3/19/2021 17:34	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:34	T

Lab ID: **F2101185002** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **OLDE_MARCO** Date Collected: 03/18/21 07:24

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 07:24	X^
Secchi Disc	3		meters	1			3/18/2021 07:24	X^
Total Depth	3		meters	1			3/18/2021 07:24	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	52521		umhos/cm	1			3/18/2021 07:24	F^
DO Saturation %	57.3		%	1			3/18/2021 07:24	F^
Dissolved Oxygen	3.91		mg/L	1			3/18/2021 07:24	F^
Salinity	34.6		ppt	1			3/18/2021 07:24	F^
Temperature	24.6		°C	1			3/18/2021 07:24	F^
pH	7.82		SU	1			3/18/2021 07:24	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U	MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185002**
 Sample ID: **OLDE_MARCO**

Date Received: 03/18/21 11:30 Matrix: Water
 Date Collected: 03/18/21 07:24

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Total Nitrogen	0.26		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	1.6		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.25	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.039		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.010		mg/L	1	0.010	0.0060	3/19/2021 17:34	T
Nitrate + Nitrite	0.011	I	mg/L	1	0.020	0.010	3/19/2021 17:34	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:34	T

Lab ID: **F2101185003**
 Sample ID: **JH_PARK**

Date Received: 03/18/21 11:30 Matrix: Water
 Date Collected: 03/18/21 07:45

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: FIELD - Secchi Disc		Analytical Method: DISRES						
Secchi Disc	3		meters	1			3/18/2021 07:45	X^
Total Depth	5		meters	1			3/18/2021 07:45	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185003** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **JH_PARK** Date Collected: 03/18/21 07:45

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Conductivity	51731		umhos/cm	1			3/18/2021 07:45	F^
DO Saturation %	75.5		%	1			3/18/2021 07:45	F^
Dissolved Oxygen	5.16		mg/L	1			3/18/2021 07:45	F^
Salinity	34		ppt	1			3/18/2021 07:45	F^
Temperature	24.7		°C	1			3/18/2021 07:45	F^
pH	7.79		SU	1			3/18/2021 07:45	F^

METALS

Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 07:45	X^
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G

Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	31		MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen,Calculated,Water		Analytical Method: Calculation						
Total Nitrogen	0.34		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	0.77		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.33	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.036		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185003**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **JH_PARK**

Date Collected: 03/18/21 07:45

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrate (as N)	0.0080	I	mg/L	1	0.010	0.0060	3/19/2021 17:37	T
Nitrate + Nitrite	0.010	I	mg/L	1	0.020	0.010	3/19/2021 17:37	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:37	T

Lab ID: **F2101185004**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **KENDALL**

Date Collected: 03/18/21 07:58

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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FIELD PARAMETERS

Analysis Desc: FIELD - Sample Depth Analytical Method: DISRES

Sample Depth	0.3		meters	1			3/18/2021 07:58	X^
Secchi Disc	4.5		meters	1			3/18/2021 07:58	X^
Total Depth	4.5		meters	1			3/18/2021 07:58	X^

Analysis Desc: Data entry of field measurements Analytical Method: Field Measurements

Conductivity	51178		umhos/cm	1			3/18/2021 07:58	F^
DO Saturation %	69.2		%	1			3/18/2021 07:58	F^
Dissolved Oxygen	4.73		mg/L	1			3/18/2021 07:58	F^
Salinity	33.6		ppt	1			3/18/2021 07:58	F^
Temperature	24.9		°C	1			3/18/2021 07:58	F^
pH	7.73		SU	1			3/18/2021 07:58	F^

METALS

Analysis Desc: Chlorophylls, SM10200H, Water Analytical Method: SM 10200 H

Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G

Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water Analytical Method: ENTEROLERT/ QUANTI-TRAY

Enterococcus	10	U	MPN/100 mL	10	10	10	3/18/2021 13:50	F
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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185004**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **KENDALL**

Date Collected: 03/18/21 07:58

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Total Nitrogen, Calculated, Water			Analytical Method: Calculation					
Total Nitrogen	0.22		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity, E180.1, Water			Analytical Method: EPA 180.1					
Turbidity	0.83		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN, E351.2, Water			Preparation Method: Copper Sulfate Digestion					
			Analytical Method: EPA 351.2					
Total Kjeldahl Nitrogen	0.21	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus, E365.3, Analysis			Preparation Method: EPA 365.3					
			Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.049		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F			Analytical Method: SM 4500NO3-F (Low Level)					
Nitrate (as N)	0.0070	I	mg/L	1	0.010	0.0060	3/19/2021 17:37	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:37	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:37	T

Lab ID: **F2101185005**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **COLLIER_BRIDGE**

Date Collected: 03/18/21 08:12

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			3/18/2021 08:12	X^
Secchi Disc	3		meters	1			3/18/2021 08:12	X^
Total Depth	4		meters	1			3/18/2021 08:12	X^

Microbiology

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185005** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **COLLIER_BRIDGE** Date Collected: 03/18/21 08:12

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Enterococcus w/MICRO- QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U	MPN/100 mL	10	10	10	3/18/2021 13:50	F

SEMIVOLATILES

Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	51332		umhos/cm	1			3/18/2021 08:12	F^
DO Saturation %	47.6		%	1			3/18/2021 08:12	F^
Dissolved Oxygen	3.27		mg/L	1			3/18/2021 08:12	F^
Salinity	33.7		ppt	1			3/18/2021 08:12	F^
Temperature	24.5		°C	1			3/18/2021 08:12	F^
pH	7.74		SU	1			3/18/2021 08:12	F^

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	0.27		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	0.51		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.26	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3 Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.005	U	mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low- Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.0060	I	mg/L	1	0.010	0.0060	3/19/2021 17:38	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:38	T

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185005**
Sample ID: **COLLIER_BRIDGE**

Date Received: 03/18/21 11:30 Matrix: Water
Date Collected: 03/18/21 08:12

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:38	T

Lab ID: **F2101185006**
Sample ID: **HC_CENTER**

Date Received: 03/18/21 11:30 Matrix: Water
Date Collected: 03/18/21 08:54

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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FIELD PARAMETERS

Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 08:54	X^
Secchi Disc	2		meters	1			3/18/2021 08:54	X^
Total Depth	2.5		meters	1			3/18/2021 08:54	X^

Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	52252		umhos/cm	1			3/18/2021 08:54	F^
DO Saturation %	59.2		%	1			3/18/2021 08:54	F^
Dissolved Oxygen	4.06		mg/L	1			3/18/2021 08:54	F^
Salinity	34.4		ppt	1			3/18/2021 08:54	F^
Temperature	24.5		°C	1			3/18/2021 08:54	F^
pH	7.79		SU	1			3/18/2021 08:54	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO- QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	20		MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	0.37		mg/L	1	0.20	0.12	4/1/2021 23:19	G

Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	0.59		NTU	1	0.10	0.10	3/19/2021 12:04	F

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185006** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **HC_CENTER** Date Collected: 03/18/21 08:54

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.36	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.041		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.0070	I	mg/L	1	0.010	0.0060	3/19/2021 17:39	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:39	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:39	T

Lab ID: **F2101185007** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **LANDMARK** Date Collected: 03/18/21 08:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 08:22	X^
Secchi Disc	3		meters	1			3/18/2021 08:22	X^
Total Depth	3		meters	1			3/18/2021 08:22	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	51204		umhos/cm	1			3/18/2021 08:22	F^
DO Saturation %	73.4		%	1			3/18/2021 08:22	F^
Dissolved Oxygen	5.05		mg/L	1			3/18/2021 08:22	F^
Salinity	33.6		ppt	1			3/18/2021 08:22	F^

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185007**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **LANDMARK**

Date Collected: 03/18/21 08:22

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Temperature	24.5		°C	1			3/18/2021 08:22	F^
pH	7.89		SU	1			3/18/2021 08:22	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO-
 QT Prep,Water Analytical Method: ENTEROLERT/ QUANTI-TRAY

Enterococcus	134		MPN/100 mL	10	10	10	3/18/2021 13:50	F
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WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water Analytical Method: Calculation

Total Nitrogen	0.77		mg/L	1	0.20	0.12	4/1/2021 23:19	G
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	1.4		NTU	1	0.10	0.10	3/19/2021 12:04	F
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Analysis Desc: TKN, E351.2, Water Preparation Method: Copper Sulfate Digestion
 Analytical Method: EPA 351.2

Total Kjeldahl Nitrogen	0.76		mg/L	1	0.50	0.20	3/23/2021 13:28	G
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Analysis Desc: Total Phosphorus, E365.3, Analysis Preparation Method: EPA 365.3
 Analytical Method: EPA 365.3

Total Phosphorus (as P)	0.106		mg/L	1	0.01	0.005	3/25/2021 15:08	G
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Analysis Desc: Chlorophylls, SM10200H, Water Analytical Method: SM 10200 H

Corrected Chlorophyll A	25		mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Phaeophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G

Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F Analytical Method: SM 4500NO3-F (Low Level)

Nitrate (as N)	0.0060	U	mg/L	1	0.010	0.0060	3/19/2021 17:40	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:40	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:40	T

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185008** Date Received: 03/18/21 11:30 Matrix: Water
Sample ID: **LANDMARK_DUP** Date Collected: 03/18/21 08:23

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			3/18/2021 08:23	X^
Secchi Disc	2		meters	1			3/18/2021 08:23	X^
Total Depth	3		meters	1			3/18/2021 08:23	X^
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	51183		umhos/cm	1			3/18/2021 08:23	F^
DO Saturation %	73.1		%	1			3/18/2021 08:23	F^
Dissolved Oxygen	5.01		mg/L	1			3/18/2021 08:23	F^
Salinity	33.6		ppt	1			3/18/2021 08:23	F^
Temperature	24.6		°C	1			3/18/2021 08:23	F^
pH	7.89		SU	1			3/18/2021 08:23	F^
Microbiology								
Analysis Desc: Enterococcus w/MICRO- QT Prep,Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	128		MPN/100 mL	10	10	10	3/18/2021 13:50	F
WET CHEMISTRY								
Analysis Desc: Total Nitrogen, Calculated,Water			Analytical Method: Calculation					
Total Nitrogen	0.75		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity,E180.1,Water			Analytical Method: EPA 180.1					
Turbidity	1.4		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water			Preparation Method: Copper Sulfate Digestion Analytical Method: EPA 351.2					
Total Kjeldahl Nitrogen	0.74		mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus, E365.3,Analysis			Preparation Method: EPA 365.3 Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.106		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	19		mg/m3	1	3.0	2.5	3/23/2021 17:20	G

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185008** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **LANDMARK_DUP** Date Collected: 03/18/21 08:23

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.0060	U	mg/L	1	0.010	0.0060	3/19/2021 17:40	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:40	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:40	T

Lab ID: **F2101185009** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **SWALLOW** Date Collected: 03/18/21 09:06

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 09:06	X^
Secchi Disc	2		meters	1			3/18/2021 09:06	X^
Total Depth	3.5		meters	1			3/18/2021 09:06	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	51573		umhos/cm	1			3/18/2021 09:06	F^
DO Saturation %	52		%	1			3/18/2021 09:06	F^
Dissolved Oxygen	3.58		mg/L	1			3/18/2021 09:06	F^
Salinity	33.9		ppt	1			3/18/2021 09:06	F^
Temperature	24.5		°C	1			3/18/2021 09:06	F^
pH	7.73		SU	1			3/18/2021 09:06	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	85		MPN/100 mL	10	10	10	3/18/2021 13:50	F

Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185009** Date Received: 03/18/21 11:30 Matrix: Water
Sample ID: **SWALLOW** Date Collected: 03/18/21 09:06

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Total Kjeldahl Nitrogen	0.34	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water Analytical Method: Calculation

Total Nitrogen	0.36		mg/L	1	0.20	0.12	4/1/2021 23:19	G
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	1.4		NTU	1	0.10	0.10	3/19/2021 12:04	F
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Analysis Desc: Total Phosphorus, E365.3, Analysis Preparation Method: EPA 365.3
Analytical Method: EPA 365.3

Total Phosphorus (as P)	0.049		mg/L	1	0.01	0.005	3/25/2021 15:08	G
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Analysis Desc: Chlorophylls, SM10200H, Water Analytical Method: SM 10200 H

Corrected Chlorophyll A	3.2		mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G

Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F Analytical Method: SM 4500NO3-F (Low Level)

Nitrate (as N)	0.019		mg/L	1	0.010	0.0060	3/19/2021 17:41	T
Nitrate + Nitrite	0.020		mg/L	1	0.020	0.010	3/19/2021 17:41	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:41	T

Lab ID: **F2101185010** Date Received: 03/18/21 11:30 Matrix: Water
Sample ID: **W_WINTERBERRY_BRIDGE** Date Collected: 03/18/21 08:54

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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FIELD PARAMETERS

Analysis Desc: FIELD - Sample Depth Analytical Method: DISRES

Sample Depth	0.3		meters	1			3/18/2021 08:54	X^
Secchi Disc	2.5		meters	1			3/18/2021 08:54	X^
Total Depth	4.5		meters	1			3/18/2021 08:54	X^

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185010** Date Received: 03/18/21 11:30 Matrix: Water
Sample ID: **W_WINTERBERRY_BRIDGE** Date Collected: 03/18/21 08:54

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	52252		umhos/cm	1			3/18/2021 08:54	F^
DO Saturation %	59.2		%	1			3/18/2021 08:54	F^
Dissolved Oxygen	4.06		mg/L	1			3/18/2021 08:54	F^
Salinity	34.4		ppt	1			3/18/2021 08:54	F^
Temperature	24.5		°C	1			3/18/2021 08:54	F^
pH	7.79		SU	1			3/18/2021 08:54	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO- QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U	MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	0.15	I	mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	0.99		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.20	U	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.034		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.017		mg/L	1	0.010	0.0060	3/19/2021 17:42	T
Nitrate + Nitrite	0.019	I	mg/L	1	0.020	0.010	3/19/2021 17:42	T

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185010** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **W_WINTERBERRY_BRIDGE** Date Collected: 03/18/21 08:54

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:42	T

Lab ID: **F2101185011** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **E_WINTERBERRY_BRIDGE** Date Collected: 03/18/21 09:21

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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FIELD PARAMETERS

Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 09:21	X^
Secchi Disc	4.5		meters	1			3/18/2021 09:21	X^
Total Depth	5.5		meters	1			3/18/2021 09:21	X^

Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	51868		umhos/cm	1			3/18/2021 09:21	F^
DO Saturation %	71.6		%	1			3/18/2021 09:21	F^
Dissolved Oxygen	4.9		mg/L	1			3/18/2021 09:21	F^
Salinity	34.1		ppt	1			3/18/2021 09:21	F^
Temperature	24.7		°C	1			3/18/2021 09:21	F^
pH	7.81		SU	1			3/18/2021 09:21	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO- QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	31		MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	4/1/2021 23:19	G

Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	1.6		NTU	1	0.10	0.10	3/19/2021 12:04	F

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185011** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **E_WINTERBERRY_BRIDGE** Date Collected: 03/18/21 09:21

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.20	U	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.129		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.012		mg/L	1	0.010	0.0060	3/19/2021 17:49	T
Nitrate + Nitrite	0.014	I	mg/L	1	0.020	0.010	3/19/2021 17:49	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:49	T

Lab ID: **F2101185012** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **MCILVANE** Date Collected: 03/18/21 09:36

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 09:36	X^
Secchi Disc	2.5		meters	1			3/18/2021 09:36	X^
Total Depth	3.25		meters	1			3/18/2021 09:36	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	52524		umhos/cm	1			3/18/2021 09:36	F^
DO Saturation %	72.5		%	1			3/18/2021 09:36	F^
Dissolved Oxygen	4.96		mg/L	1			3/18/2021 09:36	F^
Salinity	34.6		ppt	1			3/18/2021 09:36	F^

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185012**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **MCILVANE**

Date Collected: 03/18/21 09:36

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Temperature	24.6		°C	1			3/18/2021 09:36	F^
pH	7.87		SU	1			3/18/2021 09:36	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO-
 QT Prep,Water Analytical Method: ENTEROLERT/ QUANTI-TRAY

Enterococcus	30		MPN/100 mL	10	10	10	3/18/2021 13:50	F
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WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water Analytical Method: Calculation

Total Nitrogen	0.12	I	mg/L	1	0.20	0.12	4/1/2021 23:19	G
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	3.0		NTU	1	0.10	0.10	3/19/2021 12:04	F
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Analysis Desc: TKN, E351.2, Water Preparation Method: Copper Sulfate Digestion
 Analytical Method: EPA 351.2

Total Kjeldahl Nitrogen	0.20	U	mg/L	1	0.50	0.20	3/23/2021 13:28	G
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Analysis Desc: Total Phosphorus, E365.3, Analysis Preparation Method: EPA 365.3
 Analytical Method: EPA 365.3

Total Phosphorus (as P)	0.028		mg/L	1	0.01	0.005	3/25/2021 15:08	G
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Analysis Desc: Chlorophylls, SM10200H, Water Analytical Method: SM 10200 H

Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Phaeophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G

Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F Analytical Method: SM 4500NO3-F (Low Level)

Nitrate (as N)	0.0090	I	mg/L	1	0.010	0.0060	3/19/2021 17:49	T
Nitrate + Nitrite	0.010	I	mg/L	1	0.020	0.010	3/19/2021 17:49	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:49	T

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185013**
Sample ID: **HOLLYHOCK**

Date Received: 03/18/21 11:30 Matrix: Water
Date Collected: 03/18/21 10:06

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			3/18/2021 10:06	X^
Secchi Disc	2		meters	1			3/18/2021 10:06	X^
Total Depth	2		meters	1			3/18/2021 10:06	X^
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	52437		umhos/cm	1			3/18/2021 10:06	F^
DO Saturation %	70		%	1			3/18/2021 10:06	F^
Dissolved Oxygen	4.73		mg/L	1			3/18/2021 10:06	F^
Salinity	34.52		ppt	1			3/18/2021 10:06	F^
Temperature	25.3		°C	1			3/18/2021 10:06	F^
pH	7.76		SU	1			3/18/2021 10:06	F^
Microbiology								
Analysis Desc: Enterococcus w/MICRO- QT Prep,Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	20		MPN/100 mL	10	10	10	3/18/2021 13:50	F
WET CHEMISTRY								
Analysis Desc: Total Nitrogen, Calculated,Water			Analytical Method: Calculation					
Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity,E180.1,Water			Analytical Method: EPA 180.1					
Turbidity	5.8		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water			Preparation Method: Copper Sulfate Digestion Analytical Method: EPA 351.2					
Total Kjeldahl Nitrogen	0.20	U	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis			Preparation Method: EPA 365.3 Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.005	I	mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	4.8		mg/m3	1	3.0	2.5	3/23/2021 17:20	G

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185013** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **HOLLYHOCK** Date Collected: 03/18/21 10:06

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.0060	U	mg/L	1	0.010	0.0060	3/19/2021 17:50	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:50	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:50	T

Lab ID: **F2101185014** Date Received: 03/18/21 11:30 Matrix: Water
 Sample ID: **HUMMINGBIRD** Date Collected: 03/18/21 09:54

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 09:54	X^
Secchi Disc	2		meters	1			3/18/2021 09:54	X^
Total Depth	2		meters	1			3/18/2021 09:54	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	51638		umhos/cm	1			3/18/2021 09:54	F^
DO Saturation %	65.3		%	1			3/18/2021 09:54	F^
Dissolved Oxygen	4.44		mg/L	1			3/18/2021 09:54	F^
Salinity	33.94		ppt	1			3/18/2021 09:54	F^
Temperature	25.1		°C	1			3/18/2021 09:54	F^
pH	7.76		SU	1			3/18/2021 09:54	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U	MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185014**
 Sample ID: **HUMMINGBIRD**

Date Received: 03/18/21 11:30 Matrix: Water
 Date Collected: 03/18/21 09:54

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Total Nitrogen	0.22		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	2.8		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.21	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.010		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	4.0		mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.0060	U	mg/L	1	0.010	0.0060	3/19/2021 17:51	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:51	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:51	T

Lab ID: **F2101185015**
 Sample ID: **WINDMILL**

Date Received: 03/18/21 11:30 Matrix: Water
 Date Collected: 03/18/21 10:18

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	0.3		meters	1			3/18/2021 10:18	X^
Secchi Disc	3		meters	1			3/18/2021 10:18	X^
Total Depth	4		meters	1			3/18/2021 10:18	X^

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185015**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **WINDMILL**

Date Collected: 03/18/21 10:18

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	51935		umhos/cm	1			3/18/2021 10:18	F^
DO Saturation %	70.5		%	1			3/18/2021 10:18	F^
Dissolved Oxygen	4.8		mg/L	1			3/18/2021 10:18	F^
Salinity	34.16		ppt	1			3/18/2021 10:18	F^
Temperature	24.9		°C	1			3/18/2021 10:18	F^
pH	7.78		SU	1			3/18/2021 10:18	F^

Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10		MPN/100 mL	10	10	10	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen,Calculated,Water		Analytical Method: Calculation						
Total Nitrogen	0.34		mg/L	1	0.20	0.12	4/1/2021 23:19	G
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	2.5		NTU	1	0.10	0.10	3/19/2021 12:04	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	0.34	I	mg/L	1	0.50	0.20	3/23/2021 13:28	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	0.013		mg/L	1	0.01	0.005	3/25/2021 15:08	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	0.0060	U	mg/L	1	0.010	0.0060	3/19/2021 17:53	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:53	T

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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185015**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **WINDMILL**

Date Collected: 03/18/21 10:18

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:53	T

Lab ID: **F2101185016**

Date Received: 03/18/21 11:30 Matrix: Water

Sample ID: **EQUIPMENT_BLANK**

Date Collected: 03/18/21 10:25

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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Microbiology

Analysis Desc: Enterococcus w/MICRO- QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	1	U	MPN/100 mL	1	1	1	3/18/2021 13:50	F

WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
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Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	4/1/2021 23:19	G
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Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
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Turbidity	0.10	U	NTU	1	0.10	0.10	3/19/2021 12:04	F
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Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion Analytical Method: EPA 351.2						
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Total Kjeldahl Nitrogen	0.20	U	mg/L	1	0.50	0.20	3/23/2021 13:28	G
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Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3 Analytical Method: EPA 365.3						
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Total Phosphorus (as P)	0.005	U	mg/L	1	0.01	0.005	3/25/2021 15:08	G
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Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
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Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
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Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	3/23/2021 17:20	G
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Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
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Nitrate (as N)	0.0060	U	mg/L	1	0.010	0.0060	3/19/2021 17:54	T
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ANALYTICAL RESULTS

Workorder: F2101185 MARCO

Lab ID: **F2101185016**
Sample ID: **EQUIPMENT_BLANK**

Date Received: 03/18/21 11:30 Matrix: Water
Date Collected: 03/18/21 10:25

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	3/19/2021 17:54	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	3/19/2021 17:54	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: F2101185 MARCO

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.
- [1] CH O OPH A SAMPLES 1-16 FILTERED: 3/19/21 11:32

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(AEL-F)(FL NELAC Certification)
- F^ Not Certified
- G DOH Certification #E82001(AEL-G)(FL NELAC Certification)
- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: F2101185 MARCO

QC Batch: WCAf/1211 Analysis Method: EPA 180.1
QC Batch Method: EPA 180.1 Prepared:
Associated Lab Samples: F2101185001, F2101185002, F2101185003, F2101185004, F2101185005, F2101185006, F2101185007, F2101185008,

METHOD BLANK: 3821866

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Turbidity	NTU	0.10	0.10	U

QC Batch: MICf/1110 Analysis Method: ENTEROLERT/ QUANTI-TRAY
QC Batch Method: ENTEROLERT/ QUANTI-TRAY Prepared:
Associated Lab Samples: F2101185001, F2101185002, F2101185003, F2101185004, F2101185005, F2101185006, F2101185007, F2101185008,

METHOD BLANK: 3822413

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Microbiology				
Enterococcus	MPN/100	1	1	U

QC Batch: WCAg/1880 Analysis Method: EPA 351.2
QC Batch Method: Copper Sulfate Digestion Prepared: 03/23/2021 07:45
Associated Lab Samples: F2101185001, F2101185002, F2101185003, F2101185004, F2101185005, F2101185006, F2101185007, F2101185008,

METHOD BLANK: 3824519

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Total Kjeldahl Nitrogen	mg/L	0.20	0.20	U

QC Batch: WCAg/1882 Analysis Method: SM 10200 H
QC Batch Method: SM 10200 H Prepared:
Associated Lab Samples: F2101185001, F2101185002, F2101185003, F2101185004, F2101185005, F2101185006, F2101185007, F2101185008,

METHOD BLANK: 3825179

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				

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QUALITY CONTROL DATA

Workorder: F2101185 MARCO

METHOD BLANK: 3825179

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Pheophytin A	mg/m3	2.5	2.5 U

QC Batch: WCAg/1932 Analysis Method: EPA 365.3
 QC Batch Method: EPA 365.3 Prepared: 03/25/2021 15:08
 Associated Lab Samples: F2101185001, F2101185002, F2101185003, F2101185004, F2101185005, F2101185006, F2101185007, F2101185008,

METHOD BLANK: 3829217

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Total Phosphorus (as P)	mg/L	0.005	0.005 U

QC Batch: WCAI/3037 Analysis Method: SM 4500NO3-F (Low Level)
 QC Batch Method: SM 4500NO3-F (Low Level) Prepared:
 Associated Lab Samples: F2101185001, F2101185002, F2101185003, F2101185004, F2101185005, F2101185006, F2101185007, F2101185008,

METHOD BLANK: 3835251

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Nitrite (as N)	mg/L	0.0080	0.0080 U
Nitrate (as N)	mg/L	0.0060	0.0060 U
Nitrate + Nitrite	mg/L	0.010	0.010 U

QC Batch: WCAI/3038 Analysis Method: SM 4500NO3-F (Low Level)
 QC Batch Method: SM 4500NO3-F (Low Level) Prepared:
 Associated Lab Samples: F2101185011, F2101185012, F2101185013, F2101185014, F2101185015, F2101185016

METHOD BLANK: 3835261

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Nitrite (as N)	mg/L	0.0080	0.0080 U
Nitrate (as N)	mg/L	0.0060	0.0060 U
Nitrate + Nitrite	mg/L	0.010	0.010 U

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101185 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101185001	BARFIELD_BRIDGE			EPA 180.1	WCAf/1211
F2101185002	OLDE_MARCO			EPA 180.1	WCAf/1211
F2101185003	JH_PARK			EPA 180.1	WCAf/1211
F2101185004	KENDALL			EPA 180.1	WCAf/1211
F2101185005	COLLIER_BRIDGE			EPA 180.1	WCAf/1211
F2101185006	HC_CENTER			EPA 180.1	WCAf/1211
F2101185007	LANDMARK			EPA 180.1	WCAf/1211
F2101185008	LANDMARK_DUP			EPA 180.1	WCAf/1211
F2101185009	SWALLOW			EPA 180.1	WCAf/1211
F2101185010	W_WINTERBERRY_BRIDGE			EPA 180.1	WCAf/1211
F2101185011	E_WINTERBERRY_BRIDGE			EPA 180.1	WCAf/1211
F2101185012	MCILVANE			EPA 180.1	WCAf/1211
F2101185013	HOLLYHOCK			EPA 180.1	WCAf/1211
F2101185014	HUMMINGBIRD			EPA 180.1	WCAf/1211
F2101185015	WINDMILL			EPA 180.1	WCAf/1211
F2101185016	EQUIPMENT_BLANK			EPA 180.1	WCAf/1211
F2101185001	BARFIELD_BRIDGE			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185002	OLDE_MARCO			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185003	JH_PARK			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185004	KENDALL			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185005	COLLIER_BRIDGE			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185006	HC_CENTER			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185007	LANDMARK			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185008	LANDMARK_DUP			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185009	SWALLOW			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185010	W_WINTERBERRY_BRIDGE			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185011	E_WINTERBERRY_BRIDGE			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185012	MCILVANE			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185013	HOLLYHOCK			ENTEROLERT/ QUANTI-TRAY	MICf/1110

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101185 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101185014	HUMMINGBIRD			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185015	WINDMILL			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185016	EQUIPMENT_BLANK			ENTEROLERT/ QUANTI-TRAY	MICf/1110
F2101185001	BARFIELD_BRIDGE	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185002	OLDE_MARCO	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185003	JH_PARK	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185004	KENDALL	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185005	COLLIER_BRIDGE	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185006	HC_CENTER	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185007	LANDMARK	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185008	LANDMARK_DUP	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185009	SWALLOW	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185010	W_WINTERBERRY_BRIDGE	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185011	E_WINTERBERRY_BRIDGE	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185012	MCILVANE	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185013	HOLLYHOCK	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185014	HUMMINGBIRD	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185015	WINDMILL	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185016	EQUIPMENT_BLANK	Copper Sulfate Digestion	WCAG/1880	EPA 351.2	WCAG/1893
F2101185001	BARFIELD_BRIDGE			SM 10200 H	WCAG/1882
F2101185002	OLDE_MARCO			SM 10200 H	WCAG/1882
F2101185003	JH_PARK			SM 10200 H	WCAG/1882
F2101185004	KENDALL			SM 10200 H	WCAG/1882
F2101185005	COLLIER_BRIDGE			SM 10200 H	WCAG/1882
F2101185006	HC_CENTER			SM 10200 H	WCAG/1882
F2101185007	LANDMARK			SM 10200 H	WCAG/1882
F2101185008	LANDMARK_DUP			SM 10200 H	WCAG/1882
F2101185009	SWALLOW			SM 10200 H	WCAG/1882
F2101185010	W_WINTERBERRY_BRIDGE			SM 10200 H	WCAG/1882
F2101185011	E_WINTERBERRY_BRIDGE			SM 10200 H	WCAG/1882

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101185 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101185012	MCILVANE			SM 10200 H	WCAG/1882
F2101185013	HOLLYHOCK			SM 10200 H	WCAG/1882
F2101185014	HUMMINGBIRD			SM 10200 H	WCAG/1882
F2101185015	WINDMILL			SM 10200 H	WCAG/1882
F2101185016	EQUIPMENT_BLANK			SM 10200 H	WCAG/1882
F2101185001	BARFIELD_BRIDGE	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185002	OLDE_MARCO	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185003	JH_PARK	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185004	KENDALL	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185005	COLLIER_BRIDGE	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185006	HC_CENTER	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185007	LANDMARK	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185008	LANDMARK_DUP	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185009	SWALLOW	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185010	W_WINTERBERRY_BRIDGE	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185011	E_WINTERBERRY_BRIDGE	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185012	MCILVANE	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185013	HOLLYHOCK	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185014	HUMMINGBIRD	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185015	WINDMILL	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185016	EQUIPMENT_BLANK	EPA 365.3	WCAG/1932	EPA 365.3	WCAG/1933
F2101185001	BARFIELD_BRIDGE			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185002	OLDE_MARCO			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185003	JH_PARK			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185004	KENDALL			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185005	COLLIER_BRIDGE			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185006	HC_CENTER			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185007	LANDMARK			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185008	LANDMARK_DUP			SM 4500NO3-F (Low Level)	WCAt/3037

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101185 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101185009	SWALLOW			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185010	W_WINTERBERRY_BRIDGE			SM 4500NO3-F (Low Level)	WCAt/3037
F2101185011	E_WINTERBERRY_BRIDGE			SM 4500NO3-F (Low Level)	WCAt/3038
F2101185012	MCILVANE			SM 4500NO3-F (Low Level)	WCAt/3038
F2101185013	HOLLYHOCK			SM 4500NO3-F (Low Level)	WCAt/3038
F2101185014	HUMMINGBIRD			SM 4500NO3-F (Low Level)	WCAt/3038
F2101185015	WINDMILL			SM 4500NO3-F (Low Level)	WCAt/3038
F2101185016	EQUIPMENT_BLANK			SM 4500NO3-F (Low Level)	WCAt/3038
F2101185001	BARFIELD_BRIDGE	Calculation	CLCg/	Calculation	CLCg/
F2101185001	BARFIELD_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101185001	BARFIELD_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185002	OLDE_MARCO	Calculation	CLCg/	Calculation	CLCg/
F2101185002	OLDE_MARCO	DISRES	FLDx/	DISRES	FLDx/
F2101185002	OLDE_MARCO	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185003	JH_PARK	Calculation	CLCg/	Calculation	CLCg/
F2101185003	JH_PARK	DISRES	FLDx/	DISRES	FLDx/
F2101185003	JH_PARK	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185004	KENDALL	Calculation	CLCg/	Calculation	CLCg/
F2101185004	KENDALL	DISRES	FLDx/	DISRES	FLDx/
F2101185004	KENDALL	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185005	COLLIER_BRIDGE	Calculation	CLCg/	Calculation	CLCg/
F2101185005	COLLIER_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101185005	COLLIER_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185006	HC_CENTER	Calculation	CLCg/	Calculation	CLCg/
F2101185006	HC_CENTER	DISRES	FLDx/	DISRES	FLDx/
F2101185006	HC_CENTER	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185007	LANDMARK	Calculation	CLCg/	Calculation	CLCg/
F2101185007	LANDMARK	DISRES	FLDx/	DISRES	FLDx/
F2101185007	LANDMARK	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185008	LANDMARK_DUP	Calculation	CLCg/	Calculation	CLCg/

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101185 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101185008	LANDMARK_DUP	DISRES	FLDx/	DISRES	FLDx/
F2101185008	LANDMARK_DUP	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185009	SWALLOW	Calculation	CLCg/	Calculation	CLCg/
F2101185009	SWALLOW	DISRES	FLDx/	DISRES	FLDx/
F2101185009	SWALLOW	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185010	W_WINTERBERRY_BRIDGE	Calculation	CLCg/	Calculation	CLCg/
F2101185010	W_WINTERBERRY_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101185010	W_WINTERBERRY_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185011	E_WINTERBERRY_BRIDGE	Calculation	CLCg/	Calculation	CLCg/
F2101185011	E_WINTERBERRY_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101185011	E_WINTERBERRY_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185012	MCILVANE	Calculation	CLCg/	Calculation	CLCg/
F2101185012	MCILVANE	DISRES	FLDx/	DISRES	FLDx/
F2101185012	MCILVANE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185013	HOLLYHOCK	Calculation	CLCg/	Calculation	CLCg/
F2101185013	HOLLYHOCK	DISRES	FLDx/	DISRES	FLDx/
F2101185013	HOLLYHOCK	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185014	HUMMINGBIRD	Calculation	CLCg/	Calculation	CLCg/
F2101185014	HUMMINGBIRD	DISRES	FLDx/	DISRES	FLDx/
F2101185014	HUMMINGBIRD	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185015	WINDMILL	Calculation	CLCg/	Calculation	CLCg/
F2101185015	WINDMILL	DISRES	FLDx/	DISRES	FLDx/
F2101185015	WINDMILL	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101185016	EQUIPMENT_BLANK	Calculation	CLCg/	Calculation	CLCg/

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Fort Myers: 13100 Weidens Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: ES4492
Jacksonville: 6631 Southport Pkwy., FL 32216 • 904.963.9350 • Lab ID: ES2574
Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: ES11095

Gainesville: 4565 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: ES2001
Miramar:
Tampa: 3



* F 2 1 0 1 1 8 5 *

Client Name: City of Marco Island
Address: 50 Bald Eagle Dr.
Project Name: MARCO
Project Number:
MARCO Island, FL 314145
Phone: 239-300-1462
FDEP Facility No.
FDEP Facility Addr.
Contact: Jason Tomasesetti
Sampled By: P. Manard
Special Instructions:
Turn Around Time: Standard X Rush
AEL Profile #: 65884
ADAPT
EQUIS
Other
WIN
SAMPLE ID SAMPLE DESCRIPTION Grab Comp DATE TIME MATRIX NO. COUNT
1 BARFIELD_BRIDGE Grab 3/18/21 0711 SW 4
2 OLDE_MARCO Grab 0724 SW 4
3 JH_PARK Grab 0745 SW 4
4 KENDALL Grab 0758 SW 4
5 COLLIER_BRIDGE Grab 0812 SW 4
6 HC_CENTER Grab 0854 SW 4
6 LANDMARK Grab 0823 SW 4
6 LANDMARK_DUP Grab 0823 SW 4
9 SWALLOW Grab 0906 SW 4
8 W_WINTERBERRY_BRIDGE Grab 0854 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 Yes No Temp taken from sample Temp from blank Where required, pH checked
Temp. when received (observed) 8.7 Temp. when received (corrected) 8.4
FOR DRINKING WATER USE:
Contact Person:
Supplier of Water:
Site Address:



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Environmental Laboratories, Inc.

- Altamonte Springs: 380 Norlake Blvd. Ste. 1048, FL 32701 • 407.307.1594 • Lab ID: ES9076
- Fort Myers: 13100 Westlakes Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: ES4992
- Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: ES2574
- Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: ES11095

- Gainesville: 4665 SW 41st Blvd, FL 32608 • 352.371.2349 • Lab ID: ES2001
- Miramar: 10200 USA Today Way, FL 33025 • 954.866.2288 • Lab ID: ES2535
- Tampa: 5610 Pines Palm Ave., FL 33619 • 813.630.9816 • Lab ID: ES4409

F2101185

Client Name: City of Marco Island		Project Name: MARCO	
Address: 50 Bald Eagle Dr. Marco Island, FL 314145		Project Number:	
Phone: 239-300-1462		FDEP Facility No.:	
FAX:		FDEP Facility Addr.:	
Contact: Jason Tomasesetti		Special Instructions:	
Sampled by: P. Manard		Turn Around Time: Standard X Rush	
AEL Profile #: 65884		ADAPT	
EQUIS		Other	
SAMPLE ID		SAMPLE DESCRIPTION	
Grab Comp		DATE	
TIME		MATRIX	
NO. COUNT		ANALYSIS REQUIRED	
BOTTLE SIZE & TYPE		Preservation	
Filtration		Filtration?	
Ice		H2SO4	
Ice		Natio	
LABORATORY I.D. NUMBER			

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

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

DCN: AD-0051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: IV

Relinquished by: _____ Date: 11/30/2021 Received by: _____ Date: 3/18/21

Temp. when received (observed) 8.9 °C Temp. when received (corrected) 8.9 °C

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

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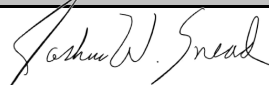
Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters

SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL
SAMPLE TIME	0709	0711	0722	0724	0744	0745	0756	0758
SAMPLE DEPTH	0.30m top	2.0	0.30m top	2.5	0.30m top	3.5	0.30m top	4.5
TOTAL DEPTH	2.5	2.5	3	3	5	5	4.5	4.5
TEMP /C	24.6	24.6	24.6	24.7	24.7	24.7	24.9	24.9
D.O. mg / L	5.45	5.04	3.91	3.9	75.5	78.8	4.73	3.53
D.O. % sat.	79.7	73.8	57.3	57.1	5.16	5.39	69.2	51.5
CONDUCTIVITY(umhos)	52391	52399	52521	52575	51731	51781	51178	51183
SALINITY ppt.	34.5	34.5	34.6	34.6	34	34	33.6	33.6
pH su.	7.81	7.81	7.82	7.82	7.79	7.79	7.73	7.73
SECCHI DEPTH	2.0	2.0	3.0	3.0	3.0	3.0	4.5	4.5

FIELD COMMENTS:	outgoing tide low flow sunrise	outgoing tide low flow low light	outgoing tide low flow early sun	outgoing tide low flow partly cloudy
WEATHER :	68 DEG F	68 DEG F	68 DEG F	69 DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /	JS-FF / AEL	Sampler's Signature		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				3/18/21

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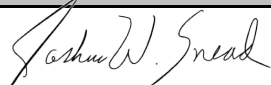
Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters

SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	HC CENTER	HC CENTER	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP
SAMPLE TIME	0809	0812	0852	0854	0820	0822	0823	0825
SAMPLE DEPTH	0.30m top	3.5	0.30m top	2.0	0.30m top	2.5	0.30m top	2.5
TOTAL DEPTH	4	4	2.5	2.5	3	3	3	3
TEMP /C	24.5	24.8	24.5	24.5	24.5	24.8	24.6	24.9
D.O. mg / L	3.27	4.26	4.06	3.75	5.05	6.2	5.01	6.19
D.O. % sat.	47.6	62.4	59.2	54.7	73.4	90.7	73.1	90.6
CONDUCTIVITY(umhos)	51332	51842	52252	52276	51204	51749	51183	51842
SALINITY ppt.	33.7	34	34.4	34.4	33.6	34	33.6	34
pH su.	7.74	7.76	7.79	7.81	7.89	7.92	7.89	7.91
SECCHI DEPTH	3.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0

FIELD COMMENTS:	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy construction site
WEATHER :	71 DEG F	73 DEG F	72 DEG F	72 DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /	JS-FF / AEL	Sampler's Signature		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				3/18/21

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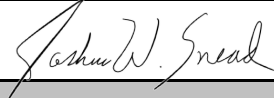
Client Name:	CITY OF MARCO ISLAND	Site Name:	MARCO ISLAND WATERWAYS
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Water Sample Parameters

SAMPLE LOCATION	SWALLOW	SWALLOW	WEST WB BRIDGE	WEST WB BRIDGE	EAST WB BRIDGE	EAST WB BRIDGE	MCILVANE	MCILVANE
SAMPLE TIME	0904	0906	0853	0854	0920	0921	0934	0936
SAMPLE DEPTH	0.30m top	3.0 m	0.30m top	4.0 m	0.30m top	5.0 m	0.30m top	3.0 m
TOTAL DEPTH	3.5 m	3.5 m	4.5 m	4.5 m	5.5 m	5.5 m	3.25 m	3.25 m
TEMP /C	24.5	24.5	24.5	24.5	24.7	24.7	24.6	24.6
D.O. mg / L	3.58	4.17	4.06	3.75	4.90	4.61	4.96	5.02
D.O. % sat.	52.0	60.7	59.2	54.7	71.6	67.4	72.5	73.5
CONDUCTIVITY(umhos)	51573	51934	52252	52276	51868	52020	52524	25257
SALINITY ppt.	33.9	34.17	34.40	34.42	34.1	34.2	34.6	34.6
pH su.	7.73	7.61	7.79	7.81	7.81	7.81	7.87	7.88
SECCHI DEPTH	2.0 m	2.0 m	2.5 m	2.5 m	4.5 m	4.5 m	2.5 m	2.5 m

FIELD COMMENTS:	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy
WEATHER :	73 DEG F	72 DEG F	74 DEG F	75 DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /	JS-FF / AEL	Sampler's Signature		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				3/18/21

Advanced Environmental Laboratories, Inc

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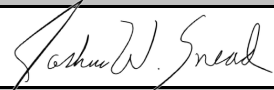
Water Sample Parameters

SAMPLE LOCATION	HOLLY HOCK	HOLLY HOCK	HUMMING BIRD	HUMMING BIRD	WINDMILL	WINDMILL	EQUIP BLANK	
SAMPLE TIME	1004	1006	0953	0954	1016	1018	1025	
SAMPLE DEPTH	0.30m top	1.5	0.30m top	1.5	0.30m top	3.5	NA	
TOTAL DEPTH	2.0	2.0	2.0	2.0	4.0	4.0	NA	
TEMP /C	25.3	25.2	25.1	25.0	24.9	24.9	NA	
D.O. mg / L	4.73	3.96	4.44	4.20	4.80	4.46	NA	
D.O. % sat.	70.0	58.6	65.3	61.7	70.5	65.5	NA	
CONDUCTIVITY(umhos)	52437	52440	51638	51696	51935	51943	NA	
SALINITY ppt.	34.52	34.53	33.94	33.98	34.16	34.17	NA	
pH su.	7.76	7.74	7.76	7.75	7.78	7.78	NA	
SECCHI DEPTH	2.0	2.0	2.0	2.0	3.0	3.0	NA	

0

FIELD COMMENTS:	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy	outgoing tide low flow partly cloudy	NA
WEATHER :	77 DEG F	76 DEG F	78 DEG F	78 DEG F
FIELD EQUIP. USED: ID # :	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication

SAMPLED BY: (PRINT) /	JS-FF / AEL	Sampler's Signature		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES				3/18/21