



Advanced Environmental Laboratories, Inc  
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May 17, 2021

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

RE: Workorder: F2101647 MARCO

Dear Jason Tomassetti:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, April 19, 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 W. Snead'.

Josh Snead - Laboratory Manager  
JSnead@aellab.com

Enclosures

Report ID: 1051313 - 760955

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### CERTIFICATE OF ANALYSIS

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### SAMPLE SUMMARY

Workorder: F2101647 MARCO

Lab ID	Sample ID	Matrix	Date Collected	Date Received
F2101647001	BARFIELD_BRIDGE	Water	4/19/2021 07:40	4/19/2021 12:30
F2101647002	OLDE_MARCO	Water	4/19/2021 08:05	4/19/2021 12:30
F2101647003	JH_PARK	Water	4/19/2021 08:25	4/19/2021 12:30
F2101647004	KENDALL	Water	4/19/2021 08:45	4/19/2021 12:30
F2101647005	COLLIER_BRIDGE	Water	4/19/2021 08:37	4/19/2021 12:30
F2101647006	HC_CENTER	Water	4/19/2021 09:15	4/19/2021 12:30
F2101647007	LANDMARK	Water	4/19/2021 08:59	4/19/2021 12:30
F2101647008	LANDMARK_DUP	Water	4/19/2021 08:56	4/19/2021 12:30
F2101647009	SWALLOW	Water	4/19/2021 09:33	4/19/2021 12:30
F2101647010	W_WINTERBERRY_BRIDGE	Water	4/19/2021 09:48	4/19/2021 12:30
F2101647011	E_WINTERBERRY_BRIDGE	Water	4/19/2021 09:58	4/19/2021 12:30
F2101647012	MCILVANE	Water	4/19/2021 10:13	4/19/2021 12:30
F2101647013	HOLLYHOCK	Water	4/19/2021 10:43	4/19/2021 12:30
F2101647014	HUMMINGBIRD	Water	4/19/2021 10:28	4/19/2021 12:30
F2101647015	WINDMILL	Water	4/19/2021 11:05	4/19/2021 12:30
F2101647016	EQUIPMENT_BLANK	Water	4/19/2021 10:48	4/19/2021 12:30

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## ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647001**  
Sample ID: **BARFIELD\_BRIDGE**

Date Received: 04/19/21 12:30 Matrix: Water  
Date Collected: 04/19/21 07:40

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			4/19/2021 07:40	X^
Secchi Disc	2.5		meters	1			4/19/2021 07:40	X^
Total Depth	2.5		feet	1			4/19/2021 07:40	X^
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	54011		umhos/cm	1			4/19/2021 07:40	F^
DO Saturation %	77.6		%	1			4/19/2021 07:40	F^
Dissolved Oxygen	5		mg/L	1			4/19/2021 07:40	F^
Salinity	35.62		ppt	1			4/19/2021 07:40	F^
Temperature	28		°C	1			4/19/2021 07:40	F^
pH	7.98		SU	1			4/19/2021 07:40	F^
<b>Microbiology</b>								
Analysis Desc: Enterococcus w/MICRO- QT Prep, Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10	U	MPN/100 mL	10	10	10	4/19/2021 15:39	F
<b>WET CHEMISTRY</b>								
Analysis Desc: Total Nitrogen, Calculated, Water			Analytical Method: Calculation					
Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity, E180.1, Water			Analytical Method: EPA 180.1					
Turbidity	3.6		NTU	1	0.10	0.10	4/20/2021 14:27	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	5/11/2021 11:12	G
Analysis Desc: Total Phosphorus, E365.3, Analysis			Preparation Method: EPA 365.3 Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.118		mg/L	1	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H, Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	2.5	U,1	mg/m3	1	3.0	2.5	5/14/2021 12:30	G

Report ID: 1051313 - 760955

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647001** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **BARFIELD\_BRIDGE** Date Collected: 04/19/21 07:40

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Phaeophytin A	2.5	U	mg/m3	1	3.0	2.5	5/14/2021 12:30	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	4/20/2021 14:46	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	4/20/2021 14:46	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	4/20/2021 14:46	T

Lab ID: **F2101647002** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **OLDE\_MARCO** Date Collected: 04/19/21 08:05

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			4/19/2021 08:05	X^
Secchi Disc	2		meters	1			4/19/2021 08:05	X^
Total Depth	3		meters	1			4/19/2021 08:05	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	54179		umhos/cm	1			4/19/2021 08:05	F^
DO Saturation %	80.6		%	1			4/19/2021 08:05	F^
Dissolved Oxygen	5.21		mg/L	1			4/19/2021 08:05	F^
Salinity	35.76		ppt	1			4/19/2021 08:05	F^
Temperature	27.6		°C	1			4/19/2021 08:05	F^
pH	8.04		SU	1			4/19/2021 08:05	F^

**Microbiology**

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U	MPN/100 mL	10	10	10	4/19/2021 15:43	F

**WET CHEMISTRY**

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

Workorder: F2101647 MARCO

Lab ID: **F2101647002** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **OLDE\_MARCO** Date Collected: 04/19/21 08:05

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	<b>2.4</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 11:12	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.091</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 14:47	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 14:47	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:47	T

Lab ID: **F2101647003** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **JH\_PARK** Date Collected: 04/19/21 08:25

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:25	X^
Secchi Disc	<b>2.25</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:25	X^
Total Depth	<b>5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:25	X^

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## ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647003**

Date Received: 04/19/21 12:30 Matrix: Water

Sample ID: **JH\_PARK**

Date Collected: 04/19/21 08:25

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	<b>53516</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 08:25	F^
DO Saturation %	<b>67</b>		<b>%</b>	<b>1</b>			4/19/2021 08:25	F^
Dissolved Oxygen	<b>4.31</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 08:25	F^
Salinity	<b>35.25</b>		<b>ppt</b>	<b>1</b>			4/19/2021 08:25	F^
Temperature	<b>28.1</b>		<b>°C</b>	<b>1</b>			4/19/2021 08:25	F^
pH	<b>7.9</b>		<b>SU</b>	<b>1</b>			4/19/2021 08:25	F^

### Microbiology

Analysis Desc: Enterococcus w/MICRO- QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	<b>10</b>	<b>10</b>	4/19/2021 15:43	F

### WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.20</b>	<b>0.12</b>	5/14/2021 09:20	T

Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	<b>2.2</b>		<b>NTU</b>	<b>1</b>	<b>0.10</b>	<b>0.10</b>	4/20/2021 14:27	F

Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.50</b>	<b>0.20</b>	5/11/2021 11:12	G

Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.100</b>		<b>mg/L</b>	<b>1</b>	<b>0.01</b>	<b>0.005</b>	5/4/2021 10:34	G

Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	<b>3.0</b>	<b>2.5</b>	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	<b>3.0</b>	<b>2.5</b>	5/14/2021 12:30	G

Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.010</b>	<b>0.0060</b>	4/20/2021 14:47	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.020</b>	<b>0.010</b>	4/20/2021 14:47	T

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647003**

Date Received: 04/19/21 12:30 Matrix: Water

Sample ID: **JH\_PARK**

Date Collected: 04/19/21 08:25

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:47	T

Lab ID: **F2101647004**

Date Received: 04/19/21 12:30 Matrix: Water

Sample ID: **KENDALL**

Date Collected: 04/19/21 08:45

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	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:45	X^
Secchi Disc	<b>1.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:45	X^
Total Depth	<b>4.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:45	X^

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

Conductivity	<b>52458</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 08:45	F^
DO Saturation %	<b>68.5</b>		<b>%</b>	<b>1</b>			4/19/2021 08:45	F^
Dissolved Oxygen	<b>4.42</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 08:45	F^
Salinity	<b>34.46</b>		<b>ppt</b>	<b>1</b>			4/19/2021 08:45	F^
Temperature	<b>28</b>		<b>°C</b>	<b>1</b>			4/19/2021 08:45	F^
pH	<b>7.84</b>		<b>SU</b>	<b>1</b>			4/19/2021 08:45	F^

**Microbiology**

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

Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F
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**WET CHEMISTRY**

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

Total Nitrogen	<b>0.274</b>		<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	<b>0.90</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647004** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **KENDALL** Date Collected: 04/19/21 08:45

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	<b>0.274</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.059</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 14:48	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 14:48	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:48	T

Lab ID: **F2101647005** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **COLLIER\_BRIDGE** Date Collected: 04/19/21 08:37

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:37	X^
Secchi Disc	<b>3.75</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:37	X^
Total Depth	<b>4</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:37	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	<b>52711</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 08:37	F^
DO Saturation %	<b>61</b>		<b>%</b>	<b>1</b>			4/19/2021 08:37	F^
Dissolved Oxygen	<b>3.94</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 08:37	F^
Salinity	<b>34.65</b>		<b>ppt</b>	<b>1</b>			4/19/2021 08:37	F^

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647005**  
 Sample ID: **COLLIER\_BRIDGE**

Date Received: 04/19/21 12:30 Matrix: Water  
 Date Collected: 04/19/21 08:37

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Temperature	<b>28</b>		<b>°C</b>	<b>1</b>			4/19/2021 08:37	F^
pH	<b>7.83</b>		<b>SU</b>	<b>1</b>			4/19/2021 08:37	F^

#### Microbiology

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

Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F
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#### WET CHEMISTRY

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

Total Nitrogen	<b>0.241</b>		<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	<b>0.82</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
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Analysis Desc: TKN, E351.2, Water Preparation Method: Copper Sulfate Digestion  
 Analytical Method: EPA 351.2

Total Kjeldahl Nitrogen	<b>0.231</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	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)	<b>0.054</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
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Analysis Desc: Chlorophylls, SM10200H, Water Analytical Method: SM 10200 H

Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Phaeophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G

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

Nitrate (as N)	<b>0.0060</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 14:49	T
Nitrate + Nitrite	<b>0.010</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 14:49	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:49	T

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## ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647006**  
Sample ID: **HC\_CENTER**

Date Received: 04/19/21 12:30 Matrix: Water  
Date Collected: 04/19/21 09:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			4/19/2021 09:15	X^
Secchi Disc	3		meters	1			4/19/2021 09:15	X^
Total Depth	3.5		meters	1			4/19/2021 09:15	X^
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	52768		umhos/cm	1			4/19/2021 09:15	F^
DO Saturation %	59.6		%	1			4/19/2021 09:15	F^
Dissolved Oxygen	3.85		mg/L	1			4/19/2021 09:15	F^
Salinity	34.7		ppt	1			4/19/2021 09:15	F^
Temperature	27.9		°C	1			4/19/2021 09:15	F^
pH	7.79		SU	1			4/19/2021 09:15	F^
<b>Microbiology</b>								
Analysis Desc: Enterococcus w/MICRO- QT Prep,Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10	U	MPN/100 mL	10	10	10	4/19/2021 15:43	F
<b>WET CHEMISTRY</b>								
Analysis Desc: Total Nitrogen, Calculated,Water			Analytical Method: Calculation					
Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity,E180.1,Water			Analytical Method: EPA 180.1					
Turbidity	1.0		NTU	1	0.10	0.10	4/20/2021 14:27	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	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis			Preparation Method: EPA 365.3 Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.183		mg/L	1	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	5/14/2021 12:30	G

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647006** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **HC\_CENTER** Date Collected: 04/19/21 09:15

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Phaeophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 14:50	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 14:50	T
Nitrite (as N)	<b>0.0080</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:50	T

Lab ID: **F2101647007** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **LANDMARK** Date Collected: 04/19/21 08:59

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:59	X^
Secchi Disc	<b>5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:59	X^
Total Depth	<b>5.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:59	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	<b>52783</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 08:59	F^
DO Saturation %	<b>88.2</b>		<b>%</b>	<b>1</b>			4/19/2021 08:59	F^
Dissolved Oxygen	<b>5.69</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 08:59	F^
Salinity	<b>34.7</b>		<b>ppt</b>	<b>1</b>			4/19/2021 08:59	F^
Temperature	<b>28</b>		<b>°C</b>	<b>1</b>			4/19/2021 08:59	F^
pH	<b>8.04</b>		<b>SU</b>	<b>1</b>			4/19/2021 08:59	F^

**Microbiology**

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F

**WET CHEMISTRY**

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

Workorder: F2101647 MARCO

Lab ID: **F2101647007** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **LANDMARK** Date Collected: 04/19/21 08:59

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	<b>0.49</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.086</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 14:56	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 14:56	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:56	T

Lab ID: **F2101647008** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **LANDMARK\_DUP** Date Collected: 04/19/21 08:56

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:56	X^
Secchi Disc	<b>5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:56	X^
Total Depth	<b>5.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 08:56	X^

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647008** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **LANDMARK\_DUP** Date Collected: 04/19/21 08:56

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	<b>52788</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 08:56	F^
DO Saturation %	<b>86.7</b>		<b>%</b>	<b>1</b>			4/19/2021 08:56	F^
Dissolved Oxygen	<b>5.59</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 08:56	F^
Salinity	<b>34.71</b>		<b>ppt</b>	<b>1</b>			4/19/2021 08:56	F^
Temperature	<b>28</b>		<b>°C</b>	<b>1</b>			4/19/2021 08:56	F^
pH	<b>8.04</b>		<b>SU</b>	<b>1</b>			4/19/2021 08:56	F^

#### Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	<b>10</b>	<b>10</b>	4/19/2021 15:43	F

#### WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	<b>0.364</b>		<b>mg/L</b>	<b>1</b>	<b>0.20</b>	<b>0.12</b>	5/14/2021 09:20	T
Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	<b>0.50</b>		<b>NTU</b>	<b>1</b>	<b>0.10</b>	<b>0.10</b>	4/20/2021 14:27	F
Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.364</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	<b>0.50</b>	<b>0.20</b>	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.031</b>		<b>mg/L</b>	<b>1</b>	<b>0.01</b>	<b>0.005</b>	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	<b>3.0</b>	<b>2.5</b>	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	<b>3.0</b>	<b>2.5</b>	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.010</b>	<b>0.0060</b>	4/20/2021 14:59	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.020</b>	<b>0.010</b>	4/20/2021 14:59	T

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647008** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **LANDMARK\_DUP** Date Collected: 04/19/21 08:56

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:59	T

Lab ID: **F2101647009** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **SWALLOW** Date Collected: 04/19/21 09:33

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	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 09:33	X^
Secchi Disc	<b>3</b>		<b>meters</b>	<b>1</b>			4/19/2021 09:33	X^
Total Depth	<b>3.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 09:33	X^

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

Conductivity	<b>53576</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 09:33	F^
DO Saturation %	<b>66.7</b>		<b>%</b>	<b>1</b>			4/19/2021 09:33	F^
Dissolved Oxygen	<b>4.29</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 09:33	F^
Salinity	<b>35.29</b>		<b>ppt</b>	<b>1</b>			4/19/2021 09:33	F^
Temperature	<b>28</b>		<b>°C</b>	<b>1</b>			4/19/2021 09:33	F^
pH	<b>7.95</b>		<b>SU</b>	<b>1</b>			4/19/2021 09:33	F^

**Microbiology**

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

Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F
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**WET CHEMISTRY**

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

Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	<b>1.1</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647009** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **SWALLOW** Date Collected: 04/19/21 09:33

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	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.052</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 14:59	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 14:59	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 14:59	T

Lab ID: **F2101647010** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **W\_WINTERBERRY\_BRIDGE** Date Collected: 04/19/21 09:48

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 09:48	X^
Secchi Disc	<b>1.75</b>		<b>meters</b>	<b>1</b>			4/19/2021 09:48	X^
Total Depth	<b>4.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 09:48	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	<b>53725</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 09:48	F^
DO Saturation %	<b>86.8</b>		<b>%</b>	<b>1</b>			4/19/2021 09:48	F^
Dissolved Oxygen	<b>5.58</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 09:48	F^
Salinity	<b>35.4</b>		<b>ppt</b>	<b>1</b>			4/19/2021 09:48	F^

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## ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647010** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **W\_WINTERBERRY\_BRIDGE** Date Collected: 04/19/21 09:48

Sample Description: \_\_\_\_\_ Location: \_\_\_\_\_

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Temperature	<b>28</b>		<b>°C</b>	<b>1</b>			4/19/2021 09:48	F^
pH	<b>7.98</b>		<b>SU</b>	<b>1</b>			4/19/2021 09:48	F^

### Microbiology

Analysis Desc: Enterococcus w/MICRO- QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F

### WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	<b>0.222</b>		<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T

Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	<b>1.6</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F

Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.222</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	G

Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3 Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.102</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G

Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Phaeophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G

Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 15:00	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 15:00	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 15:00	T

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## ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647011** Date Received: 04/19/21 12:30 Matrix: Water  
Sample ID: **E\_WINTERBERRY\_BRIDGE** Date Collected: 04/19/21 09:58

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth			Analytical Method: DISRES					
Sample Depth	0.3		meters	1			4/19/2021 09:58	X^
Secchi Disc	2.75		meters	1			4/19/2021 09:58	X^
Total Depth	5.5		meters	1			4/19/2021 09:58	X^
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	53365		umhos/cm	1			4/19/2021 09:58	F^
DO Saturation %	74.9		%	1			4/19/2021 09:58	F^
Dissolved Oxygen	4.81		mg/L	1			4/19/2021 09:58	F^
Salinity	35.13		ppt	1			4/19/2021 09:58	F^
Temperature	28.1		°C	1			4/19/2021 09:58	F^
pH	7.96		SU	1			4/19/2021 09:58	F^
<b>Microbiology</b>								
Analysis Desc: Enterococcus w/MICRO- QT Prep, Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10	U	MPN/100 mL	10	10	10	4/19/2021 15:43	F
<b>WET CHEMISTRY</b>								
Analysis Desc: Total Nitrogen, Calculated, Water			Analytical Method: Calculation					
Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity, E180.1, Water			Analytical Method: EPA 180.1					
Turbidity	1.5		NTU	1	0.10	0.10	4/20/2021 14:27	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	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus, E365.3, Analysis			Preparation Method: EPA 365.3					
			Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.128		mg/L	1	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H, Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	5/14/2021 12:30	G

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647011** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **E\_WINTERBERRY\_BRIDGE** Date Collected: 04/19/21 09:58

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Phaeophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 15:01	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 15:01	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 15:01	T

Lab ID: **F2101647012** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **MCILVANE** Date Collected: 04/19/21 10:13

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:13	X^
Secchi Disc	<b>2</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:13	X^
Total Depth	<b>3.25</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:13	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	<b>53600</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 10:13	F^
DO Saturation %	<b>79.1</b>		<b>%</b>	<b>1</b>			4/19/2021 10:13	F^
Dissolved Oxygen	<b>5.09</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 10:13	F^
Salinity	<b>35.31</b>		<b>ppt</b>	<b>1</b>			4/19/2021 10:13	F^
Temperature	<b>8</b>		<b>°C</b>	<b>1</b>			4/19/2021 10:13	F^
pH	<b>8</b>		<b>SU</b>	<b>1</b>			4/19/2021 10:13	F^

**Microbiology**

Analysis Desc: Enterococcus w/MICRO-QT Prep, Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F

**WET CHEMISTRY**

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

Workorder: F2101647 MARCO

Lab ID: **F2101647012**  
 Sample ID: **MCILVANE**

Date Received: 04/19/21 12:30 Matrix: Water  
 Date Collected: 04/19/21 10:13

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity,E180.1,Water		Analytical Method: EPA 180.1						
Turbidity	<b>2.0</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
Analysis Desc: TKN,E351.2,Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.045</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 15:02	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 15:02	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 15:02	T

Lab ID: **F2101647013**  
 Sample ID: **HOLLYHOCK**

Date Received: 04/19/21 12:30 Matrix: Water  
 Date Collected: 04/19/21 10:43

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:43	X^
Secchi Disc	<b>2</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:43	X^
Total Depth	<b>2</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:43	X^

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## ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647013**  
Sample ID: **HOLLYHOCK**

Date Received: 04/19/21 12:30 Matrix: Water  
Date Collected: 04/19/21 10:43

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	<b>53251</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 10:43	F^
DO Saturation %	<b>59</b>		<b>%</b>	<b>1</b>			4/19/2021 10:43	F^
Dissolved Oxygen	<b>3.7</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 10:43	F^
Salinity	<b>35.04</b>		<b>ppt</b>	<b>1</b>			4/19/2021 10:43	F^
Temperature	<b>28.4</b>		<b>°C</b>	<b>1</b>			4/19/2021 10:43	F^
pH	<b>7.87</b>		<b>SU</b>	<b>1</b>			4/19/2021 10:43	F^

### Microbiology

Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	<b>10</b>	<b>10</b>	4/19/2021 15:43	F

### WET CHEMISTRY

Analysis Desc: Total Nitrogen, Calculated, Water		Analytical Method: Calculation						
Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.20</b>	<b>0.12</b>	5/14/2021 09:20	T
Analysis Desc: Turbidity, E180.1, Water		Analytical Method: EPA 180.1						
Turbidity	<b>1.2</b>		<b>NTU</b>	<b>1</b>	<b>0.10</b>	<b>0.10</b>	4/20/2021 14:27	F
Analysis Desc: TKN, E351.2, Water		Preparation Method: Copper Sulfate Digestion						
		Analytical Method: EPA 351.2						
Total Kjeldahl Nitrogen	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	<b>0.50</b>	<b>0.20</b>	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus, E365.3, Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.079</b>		<b>mg/L</b>	<b>1</b>	<b>0.01</b>	<b>0.005</b>	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H, Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	<b>3.0</b>	<b>2.5</b>	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	<b>3.0</b>	<b>2.5</b>	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level, SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0080</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	<b>0.010</b>	<b>0.0060</b>	4/20/2021 15:02	T
Nitrate + Nitrite	<b>0.013</b>	<b>I</b>	<b>mg/L</b>	<b>1</b>	<b>0.020</b>	<b>0.010</b>	4/20/2021 15:02	T

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647013** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **HOLLYHOCK** Date Collected: 04/19/21 10:43

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 15:02	T

Lab ID: **F2101647014** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **HUMMINGBIRD** Date Collected: 04/19/21 10:28

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	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:28	X^
Secchi Disc	<b>2.5</b>		<b>feet</b>	<b>1</b>			4/19/2021 10:28	X^
Total Depth	<b>2.5</b>		<b>meters</b>	<b>1</b>			4/19/2021 10:28	X^

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

Conductivity	<b>52751</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 10:28	F^
DO Saturation %	<b>52.9</b>		<b>%</b>	<b>1</b>			4/19/2021 10:28	F^
Dissolved Oxygen	<b>3.39</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 10:28	F^
Salinity	<b>34.67</b>		<b>ppt</b>	<b>1</b>			4/19/2021 10:28	F^
Temperature	<b>28.5</b>		<b>°C</b>	<b>1</b>			4/19/2021 10:28	F^
pH	<b>7.78</b>		<b>SU</b>	<b>1</b>			4/19/2021 10:28	F^

**Microbiology**

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

Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F
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**WET CHEMISTRY**

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

Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	<b>1.6</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647014**  
 Sample ID: **HUMMINGBIRD**

Date Received: 04/19/21 12:30 Matrix: Water  
 Date Collected: 04/19/21 10:28

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	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis		Preparation Method: EPA 365.3						
		Analytical Method: EPA 365.3						
Total Phosphorus (as P)	<b>0.123</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water		Analytical Method: SM 10200 H						
Corrected Chlorophyll A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Analysis Desc: Nitrate+Nitrite Low-Level,SM4500NO3F		Analytical Method: SM 4500NO3-F (Low Level)						
Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 15:03	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 15:03	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 15:03	T

Lab ID: **F2101647015**  
 Sample ID: **WINDMILL**

Date Received: 04/19/21 12:30 Matrix: Water  
 Date Collected: 04/19/21 11:05

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>FIELD PARAMETERS</b>								
Analysis Desc: FIELD - Sample Depth		Analytical Method: DISRES						
Sample Depth	<b>0.3</b>		<b>meters</b>	<b>1</b>			4/19/2021 11:05	X^
Secchi Disc	<b>3</b>		<b>meters</b>	<b>1</b>			4/19/2021 11:05	X^
Total Depth	<b>4</b>		<b>meters</b>	<b>1</b>			4/19/2021 11:05	X^
Analysis Desc: Data entry of field measurements		Analytical Method: Field Measurements						
Conductivity	<b>53313</b>		<b>umhos/cm</b>	<b>1</b>			4/19/2021 11:05	F^
DO Saturation %	<b>67.2</b>		<b>%</b>	<b>1</b>			4/19/2021 11:05	F^
Dissolved Oxygen	<b>4.31</b>		<b>mg/L</b>	<b>1</b>			4/19/2021 11:05	F^
Salinity	<b>35.09</b>		<b>ppt</b>	<b>1</b>			4/19/2021 11:05	F^

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647015**  
 Sample ID: **WINDMILL**

Date Received: 04/19/21 12:30 Matrix: Water  
 Date Collected: 04/19/21 11:05

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Temperature	<b>28.3</b>		°C	1			4/19/2021 11:05	F^
pH	<b>7.86</b>		SU	1			4/19/2021 11:05	F^

#### Microbiology

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

Enterococcus	<b>10</b>	<b>U</b>	<b>MPN/100 mL</b>	<b>10</b>	10	10	4/19/2021 15:43	F
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#### WET CHEMISTRY

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

Total Nitrogen	<b>0.12</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.20	0.12	5/14/2021 09:20	T
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Analysis Desc: Turbidity, E180.1, Water Analytical Method: EPA 180.1

Turbidity	<b>1.5</b>		<b>NTU</b>	<b>1</b>	0.10	0.10	4/20/2021 14:27	F
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Analysis Desc: TKN, E351.2, Water Preparation Method: Copper Sulfate Digestion  
 Analytical Method: EPA 351.2

Total Kjeldahl Nitrogen	<b>0.20</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.50	0.20	5/11/2021 14:31	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)	<b>0.072</b>		<b>mg/L</b>	<b>1</b>	0.01	0.005	5/4/2021 10:34	G
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Analysis Desc: Chlorophylls, SM10200H, Water Analytical Method: SM 10200 H

Corrected Chlorophyll A	<b>3.2</b>		<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G
Phaeophytin A	<b>2.5</b>	<b>U</b>	<b>mg/m3</b>	<b>1</b>	3.0	2.5	5/14/2021 12:30	G

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

Nitrate (as N)	<b>0.0060</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0060	4/20/2021 15:04	T
Nitrate + Nitrite	<b>0.010</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.020	0.010	4/20/2021 15:04	T
Nitrite (as N)	<b>0.0080</b>	<b>U</b>	<b>mg/L</b>	<b>1</b>	0.010	0.0080	4/20/2021 15:04	T

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### ANALYTICAL RESULTS

Workorder: F2101647 MARCO

Lab ID: **F2101647016** Date Received: 04/19/21 12:30 Matrix: Water  
 Sample ID: **EQUIPMENT\_BLANK** Date Collected: 04/19/21 10:48

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>Microbiology</b>								
Analysis Desc: Enterococcus w/MICRO- QT Prep,Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10	U	MPN/100 mL	10	10	10	4/19/2021 15:43	F
<b>WET CHEMISTRY</b>								
Analysis Desc: Total Nitrogen,Calculated,Water			Analytical Method: Calculation					
Total Nitrogen	0.12	U	mg/L	1	0.20	0.12	5/14/2021 09:20	T
Analysis Desc: Turbidity,E180.1,Water			Analytical Method: EPA 180.1					
Turbidity	0.10	U	NTU	1	0.10	0.10	4/20/2021 14:27	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	5/11/2021 14:31	G
Analysis Desc: Total Phosphorus,E365.3,Analysis			Preparation Method: EPA 365.3 Analytical Method: EPA 365.3					
Total Phosphorus (as P)	0.095		mg/L	1	0.01	0.005	5/4/2021 10:34	G
Analysis Desc: Chlorophylls, SM10200H,Water			Analytical Method: SM 10200 H					
Corrected Chlorophyll A	2.5	U	mg/m3	1	3.0	2.5	5/14/2021 12:30	G
Pheophytin A	2.5	U	mg/m3	1	3.0	2.5	5/14/2021 12:30	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	4/20/2021 15:05	T
Nitrate + Nitrite	0.010	U	mg/L	1	0.020	0.010	4/20/2021 15:05	T
Nitrite (as N)	0.0080	U	mg/L	1	0.010	0.0080	4/20/2021 15:05	T

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: F2101647 MARCO

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### 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] Chlorophyll A SAMPLES 1-16 FILTERED: 4/20/21 11:27

### 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: F2101647 MARCO

QC Batch: MICf/1140 Analysis Method: ENTEROLERT/ QUANTI-TRAY  
QC Batch Method: ENTEROLERT/ QUANTI-TRAY Prepared:  
Associated Lab Samples: F2101647001, F2101647002, F2101647003, F2101647004, F2101647005, F2101647006, F2101647007,

METHOD BLANK: 3856962

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

QC Batch: WCAf/1282 Analysis Method: EPA 180.1  
QC Batch Method: EPA 180.1 Prepared:  
Associated Lab Samples: F2101647001, F2101647002, F2101647003, F2101647004, F2101647005, F2101647006, F2101647007,

METHOD BLANK: 3856967

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

QC Batch: WCAf/3509 Analysis Method: SM 4500NO3-F (Low Level)  
QC Batch Method: SM 4500NO3-F (Low Level) Prepared:  
Associated Lab Samples: F2101647001, F2101647002, F2101647003, F2101647004, F2101647005, F2101647006

METHOD BLANK: 3857767

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

QC Batch: WCAf/3510 Analysis Method: SM 4500NO3-F (Low Level)  
QC Batch Method: SM 4500NO3-F (Low Level) Prepared:  
Associated Lab Samples: F2101647007, F2101647008, F2101647009, F2101647010, F2101647011, F2101647012, F2101647013,

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**QUALITY CONTROL DATA**

Workorder: F2101647 MARCO

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QC Batch: WCAg/2463 Analysis Method: SM 10200 H  
 QC Batch Method: SM 10200 H Prepared:  
 Associated Lab Samples: F2101647001, F2101647002, F2101647003, F2101647004, F2101647005, F2101647006, F2101647007,

METHOD BLANK: 3887356

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

**QUALITY CONTROL DATA QUALIFIERS**

Workorder: F2101647 MARCO

**QUALITY CONTROL PARAMETER QUALIFIERS**

- U The compound was analyzed for but not detected.
- | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101647 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101647001	BARFIELD_BRIDGE			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647002	OLDE_MARCO			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647003	JH_PARK			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647004	KENDALL			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647005	COLLIER_BRIDGE			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647006	HC_CENTER			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647007	LANDMARK			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647008	LANDMARK_DUP			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647009	SWALLOW			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647010	W_WINTERBERRY_BRID GE			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647011	E_WINTERBERRY_BRIDG E			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647012	MCILVANE			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647013	HOLLYHOCK			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647014	HUMMINGBIRD			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647015	WINDMILL			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647016	EQUIPMENT_BLANK			ENTEROLERT/ QUANTI-TRAY	MICf/1140
F2101647001	BARFIELD_BRIDGE			EPA 180.1	WCAf/1282
F2101647002	OLDE_MARCO			EPA 180.1	WCAf/1282
F2101647003	JH_PARK			EPA 180.1	WCAf/1282
F2101647004	KENDALL			EPA 180.1	WCAf/1282
F2101647005	COLLIER_BRIDGE			EPA 180.1	WCAf/1282
F2101647006	HC_CENTER			EPA 180.1	WCAf/1282
F2101647007	LANDMARK			EPA 180.1	WCAf/1282
F2101647008	LANDMARK_DUP			EPA 180.1	WCAf/1282
F2101647009	SWALLOW			EPA 180.1	WCAf/1282
F2101647010	W_WINTERBERRY_BRID GE			EPA 180.1	WCAf/1282
F2101647011	E_WINTERBERRY_BRIDG E			EPA 180.1	WCAf/1282
F2101647012	MCILVANE			EPA 180.1	WCAf/1282

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101647 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101647013	HOLLYHOCK			EPA 180.1	WCAf/1282
F2101647014	HUMMINGBIRD			EPA 180.1	WCAf/1282
F2101647015	WINDMILL			EPA 180.1	WCAf/1282
F2101647016	EQUIPMENT_BLANK			EPA 180.1	WCAf/1282
F2101647001	BARFIELD_BRIDGE			SM 4500NO3-F (Low Level)	WCAf/3509
F2101647002	OLDE_MARCO			SM 4500NO3-F (Low Level)	WCAf/3509
F2101647003	JH_PARK			SM 4500NO3-F (Low Level)	WCAf/3509
F2101647004	KENDALL			SM 4500NO3-F (Low Level)	WCAf/3509
F2101647005	COLLIER_BRIDGE			SM 4500NO3-F (Low Level)	WCAf/3509
F2101647006	HC_CENTER			SM 4500NO3-F (Low Level)	WCAf/3509
F2101647007	LANDMARK			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647008	LANDMARK_DUP			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647009	SWALLOW			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647010	W_WINTERBERRY_BRIDGE			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647011	E_WINTERBERRY_BRIDGE			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647012	MCILVANE			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647013	HOLLYHOCK			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647014	HUMMINGBIRD			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647015	WINDMILL			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647016	EQUIPMENT_BLANK			SM 4500NO3-F (Low Level)	WCAf/3510
F2101647001	BARFIELD_BRIDGE	EPA 365.3	WCAg/2341	EPA 365.3	WCAg/2342
F2101647002	OLDE_MARCO	EPA 365.3	WCAg/2341	EPA 365.3	WCAg/2342
F2101647003	JH_PARK	EPA 365.3	WCAg/2341	EPA 365.3	WCAg/2342
F2101647004	KENDALL	EPA 365.3	WCAg/2341	EPA 365.3	WCAg/2342
F2101647005	COLLIER_BRIDGE	EPA 365.3	WCAg/2341	EPA 365.3	WCAg/2342
F2101647006	HC_CENTER	EPA 365.3	WCAg/2341	EPA 365.3	WCAg/2342

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101647 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101647007	LANDMARK	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647008	LANDMARK_DUP	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647009	SWALLOW	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647010	W_WINTERBERRY_BRIDGE	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647011	E_WINTERBERRY_BRIDGE	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647012	MCILVANE	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647013	HOLLYHOCK	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647014	HUMMINGBIRD	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647015	WINDMILL	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647016	EQUIPMENT_BLANK	EPA 365.3	WCAG/2341	EPA 365.3	WCAG/2342
F2101647001	BARFIELD_BRIDGE	Copper Sulfate Digestion	WCAG/2403	EPA 351.2	WCAG/2416
F2101647002	OLDE_MARCO	Copper Sulfate Digestion	WCAG/2403	EPA 351.2	WCAG/2416
F2101647003	JH_PARK	Copper Sulfate Digestion	WCAG/2403	EPA 351.2	WCAG/2416
F2101647004	KENDALL	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647005	COLLIER_BRIDGE	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647006	HC_CENTER	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647007	LANDMARK	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647008	LANDMARK_DUP	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647009	SWALLOW	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647010	W_WINTERBERRY_BRIDGE	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647011	E_WINTERBERRY_BRIDGE	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647012	MCILVANE	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647013	HOLLYHOCK	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647014	HUMMINGBIRD	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647015	WINDMILL	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647016	EQUIPMENT_BLANK	Copper Sulfate Digestion	WCAG/2404	EPA 351.2	WCAG/2418
F2101647001	BARFIELD_BRIDGE			SM 10200 H	WCAG/2463
F2101647002	OLDE_MARCO			SM 10200 H	WCAG/2463
F2101647003	JH_PARK			SM 10200 H	WCAG/2463

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101647 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101647004	KENDALL			SM 10200 H	WCAg/2463
F2101647005	COLLIER_BRIDGE			SM 10200 H	WCAg/2463
F2101647006	HC_CENTER			SM 10200 H	WCAg/2463
F2101647007	LANDMARK			SM 10200 H	WCAg/2463
F2101647008	LANDMARK_DUP			SM 10200 H	WCAg/2463
F2101647009	SWALLOW			SM 10200 H	WCAg/2463
F2101647010	W_WINTERBERRY_BRIDGE			SM 10200 H	WCAg/2463
F2101647011	E_WINTERBERRY_BRIDGE			SM 10200 H	WCAg/2463
F2101647012	MCILVANE			SM 10200 H	WCAg/2463
F2101647013	HOLLYHOCK			SM 10200 H	WCAg/2463
F2101647014	HUMMINGBIRD			SM 10200 H	WCAg/2463
F2101647015	WINDMILL			SM 10200 H	WCAg/2463
F2101647016	EQUIPMENT_BLANK			SM 10200 H	WCAg/2463
F2101647001	BARFIELD_BRIDGE	Calculation	CLCt/	Calculation	CLCt/
F2101647001	BARFIELD_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101647001	BARFIELD_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647002	OLDE_MARCO	Calculation	CLCt/	Calculation	CLCt/
F2101647002	OLDE_MARCO	DISRES	FLDx/	DISRES	FLDx/
F2101647002	OLDE_MARCO	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647003	JH_PARK	Calculation	CLCt/	Calculation	CLCt/
F2101647003	JH_PARK	DISRES	FLDx/	DISRES	FLDx/
F2101647003	JH_PARK	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647004	KENDALL	Calculation	CLCt/	Calculation	CLCt/
F2101647004	KENDALL	DISRES	FLDx/	DISRES	FLDx/
F2101647004	KENDALL	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647005	COLLIER_BRIDGE	Calculation	CLCt/	Calculation	CLCt/
F2101647005	COLLIER_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101647005	COLLIER_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647006	HC_CENTER	Calculation	CLCt/	Calculation	CLCt/
F2101647006	HC_CENTER	DISRES	FLDx/	DISRES	FLDx/
F2101647006	HC_CENTER	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647007	LANDMARK	Calculation	CLCt/	Calculation	CLCt/

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: F2101647 MARCO

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
F2101647007	LANDMARK	DISRES	FLDx/	DISRES	FLDx/
F2101647007	LANDMARK	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647008	LANDMARK_DUP	Calculation	CLCt/	Calculation	CLCt/
F2101647008	LANDMARK_DUP	DISRES	FLDx/	DISRES	FLDx/
F2101647008	LANDMARK_DUP	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647009	SWALLOW	Calculation	CLCt/	Calculation	CLCt/
F2101647009	SWALLOW	DISRES	FLDx/	DISRES	FLDx/
F2101647009	SWALLOW	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647010	W_WINTERBERRY_BRIDGE	Calculation	CLCt/	Calculation	CLCt/
F2101647010	W_WINTERBERRY_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101647010	W_WINTERBERRY_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647011	E_WINTERBERRY_BRIDGE	Calculation	CLCt/	Calculation	CLCt/
F2101647011	E_WINTERBERRY_BRIDGE	DISRES	FLDx/	DISRES	FLDx/
F2101647011	E_WINTERBERRY_BRIDGE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647012	MCILVANE	Calculation	CLCt/	Calculation	CLCt/
F2101647012	MCILVANE	DISRES	FLDx/	DISRES	FLDx/
F2101647012	MCILVANE	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647013	HOLLYHOCK	Calculation	CLCt/	Calculation	CLCt/
F2101647013	HOLLYHOCK	DISRES	FLDx/	DISRES	FLDx/
F2101647013	HOLLYHOCK	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647014	HUMMINGBIRD	Calculation	CLCt/	Calculation	CLCt/
F2101647014	HUMMINGBIRD	DISRES	FLDx/	DISRES	FLDx/
F2101647014	HUMMINGBIRD	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647015	WINDMILL	Calculation	CLCt/	Calculation	CLCt/
F2101647015	WINDMILL	DISRES	FLDx/	DISRES	FLDx/
F2101647015	WINDMILL	Field Measurements	FLDf/	Field Measurements	FLDf/
F2101647016	EQUIPMENT_BLANK	Calculation	CLCt/	Calculation	CLCt/

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 Fort Myers: 13100 Westlark Terrace, Ste. 10, Ft. 33913 • 239.574.8130 • Lab ID: E94492  
 Jacksonville: 6931 Southpoint Pkwy., Ft. 32216 • 904.363.0350 • Lab ID: E93574  
 Tallahassee: 2639 North Monroe St., Suite D, Ft. 32303 • 850.219.6274 • Lab ID: E911095



1 of 2  
 12377 2348 4 Lab ID: E93001  
 4 889 2289 • Lab ID: E92535  
 3 630 9516 • Lab ID: E94589

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

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	EQUIS		Other	WIN	ANALYSIS REQUIRED				BOTTLE SIZE & TYPE	
			DATE	TIME			NO. COUNT	MATRIX	Preservation Fails - Filtered?	Ice		H2SO4
	BARFIELD_BRIDGE	Grab	4/19/21	09240	SW	4	X	X	X	X	250 mL Plastic	
	OLDE_MARCO	Grab		0805	SW	4	X	X	X	X	250 mL Plastic	
	JH_PARK	Grab		0825	SW	4	X	X	X	X	1L Amb Plastic	
	KENDALL	Grab		0845	SW	4	X	X	X	X	100 mL Cup	
	COLLIER_BRIDGE	Grab		0832	SW	4	X	X	X	X		
	HC_CENTER	Grab		0915	SW	4	X	X	X	X		
	LANDMARK	Grab		0859	SW	4	X	X	X	X		
	LANDMARK_DUP	Grab		0856	SW	4	X	X	X	X		
	SWALLOW	Grab		0933	SW	4	X	X	X	X		
	W_WINTERBERRY_BRIDGE	Grab		0948	SW	4	X	X	X	X		

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge  
 Received on ice  Yes  No  Temp taken from sample  Temp from blank  Where required, pH checked  
 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V (E: 1A)  
 Temp. when received (observed) 6.2 °C Temp. when received (corrected) 6.2 °C

Relinquished by:	Date	Time	Received by:	Date	Time
[Signature]	4/19/21	12:30	[Signature]	4/19/21	18:30

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

LABORATORY I.D. NUMBER



Advanced Environmental Laboratories, Inc.

- Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.337.1594 • Lab ID: E53076
- Fort Myers: 13100 Westlakes Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E64492
- Jacksonville: 6631 Southpark Pkwy., FL 32216 • 904.363.9350 • Lab ID: E62574
- Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811055

- Gainesville: 4863 SW 41st Blvd., FL 32608 • 352.377.2248 • Lab ID: E82001
- Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
- Tampa: 9810 Pinesse Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E94589

Client Name: City of Marco Island

Address: 50 Bald Eagle Dr.

Marco Island, FL 314145

Phone: 239-300-1462

FAX:

Contact: Jason Tomasetti

Sampled By: P. Manard

Turn Around Time: Standard X Rush

AEI Profile #: 658884

Project Name: MARCO

Project Number:

PO Number:

FDEP Facility No:

FDEP Facility Addr:

Special Instructions:

ADAPT EQUIS Other WIN

BOTTLE SIZE & TYPE

- 250 mL Plastic
- 250 mL Plastic
- 1L Amb Plastic
- 100 mL Cup

ANALYSIS REQUIRED

- Preservation: Ice
- H2SO4
- 100
- NaHCO3

LABORATORY I.D. NUMBER

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED				LABORATORY I.D. NUMBER
			DATE	TIME			Ice	H2SO4	100	NaHCO3	
E_WINTERBERRY_BRIDGE	Grab	9/19/21	0958	SW	4	X	X	X	X		011
MCLIVANE	Grab	10/3		SW	4	X	X	X	X		012
HOLLYHOCK	Grab	10/3		SW	4	X	X	X	X		013
HUMMINGBIRD	Grab	10/28		SW	4	X	X	X	X		014
WINDMILL	Grab	11/05		SW	4	X	X	X	X		015
EQUIPMENT_BLANK	Grab	10/9/8		SW	4	X	X	X	X		016

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

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

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

Relinquished by: Date Time Received by: Date Time

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

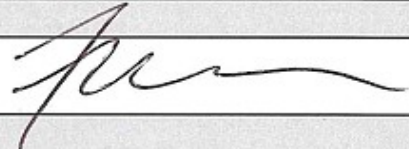


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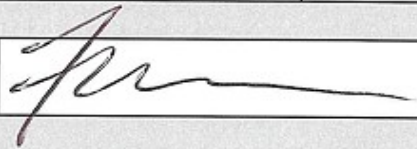
Client Name:	<b>CITY OF MARCO ISLAND</b>	Site Name:	<b>MARCO ISLAND WATERWAYS</b>
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Water Sample Parameters								
SAMPLE LOCATION	BARFIELD BRIDGE	BARFIELD BRIDGE	OLDE MARCO	OLDE MARCO	JH PARK	JH PARK	KENDALL	KENDALL
SAMPLE TIME	0742	0743	0811	0812	0823	0824	0847	0848
SAMPLE DEPTH	0.30m top	2.25	0.30m top	2.75	0.30m top	4.0	0.30m top	4.0
TOTAL DEPTH	2.5	2.5	3.0	3.0	5.0	5.0	4.5	4.5
TEMP /C	28.0	28.0	27.6	27.6	28.1	28.1	28.0	28.0
D.O. mg / L	5.00	4.37	5.21	4.75	4.31	4.05	4.42	4.13
D.O. % sat.	77.6	68.0	80.6	73.6	67.0	63.0	68.5	63.9
CONDUCTIVITY(umhos)	54011	54029	54179	54174	53516	53525	52458	52466
SALINITY ppt.	35.62	35.63	35.76	35.75	35.25	35.25	34.46	34.47
pH su.	7.98	7.98	8.04	8.04	7.90	7.90	7.84	7.84
SECCHI DEPTH	2.5	2.5	2.0	2.0	2.25	2.25	1.5	1.5

<b>FIELD COMMENTS:</b>	Outgoing Tide low to no flow cloudy low light.	Outgoing Tide low to no flow cloudy low light.	Outgoing Tide low to no flow cloudy low light.	Outgoing Tide low to no flow cloudy low light.
<b>WEATHER :</b>	78 DEG F	78 DEG F	79 DEG F	79 DEG F
<b>FIELD EQUIP. USED: ID # :</b>	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication			
SAMPLED BY: (PRINT) /	FF / AEL		Date
AFFILIATION:// ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature		4/19/21

# Advanced Environmental Laboratories, Inc

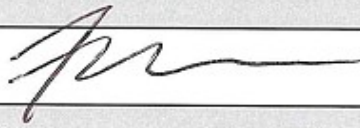
Client Name:	<b>CITY OF MARCO ISLAND</b>				Site Name:	<b>MARCO ISLAND WATERWAYS</b>			
Water Sample Parameters									
SAMPLE LOCATION	COLLIER BRIDGE	COLLIER BRIDGE	HC CENTER	HC CENTER	LANDMARK	LANDMARK	LANDMARK DUP	LANDMARK DUP	
SAMPLE TIME	0837	0838	0917	0918	0901	0902	0903	0904	
SAMPLE DEPTH	0.30m top	3.75	0.30m top	3.25	0.30m top	5.00	0.30m top	5.00	
TOTAL DEPTH	4.0	4.0	3.5	3.5	5.5	5.5	5.5	5.5	
TEMP /C	28.0	28.1	27.9	27.9	28.0	28.0	28.0	28.0	
D.O. mg / L	3.94	3.20	3.85	3.11	5.69	5.16	5.59	5.07	
D.O. % sat.	61.0	49.8	59.6	48.2	88.2	80.0	86.7	78.6	
CONDUCTIVITY(umhos)	52711	52931	52768	52861	52783	52793	52788	52794	
SALINITY ppt.	34.65	34.81	34.70	34.77	34.70	34.71	34.71	34.71	
pH su.	7.83	7.83	7.79	7.79	8.04	8.04	8.04	8.04	
SECCHI DEPTH	3.75	3.75	3.00	3.00	5.00	5.00	5.00	5.00	
FIELD COMMENTS:	Outgoing Tide low to no flow cloudy low light.		Outgoing Tide low to no flow cloudy medium light.		Outgoing Tide low to no flow cloudy medium light.		Outgoing Tide low to no flow cloudy medium light.		
WEATHER :	79 DEG F		80 DEG F		80 DEG F		80 DEG F		
FIELD EQUIP. USED: ID # :	VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		VAN DORN / F3X		
Authentication									
SAMPLED BY: (PRINT) /	FF / AEL				Sampler's Signature 	Date			
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES						4/19/21			

# Advanced Environmental Laboratories, Inc

Client Name:	<b>CITY OF MARCO ISLAND</b>	Site Name:	<b>MARCO ISLAND WATERWAYS</b>
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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	0939	0941	0952	0953	1002	1003	1016	1017
SAMPLE DEPTH	0.30m top	3.00	0.30m top	4.00	0.30m top	5.00	0.30m top	3.00
TOTAL DEPTH	3.50	3.50	4.50	4.50	5.5	5.5	3.25	3.25
TEMP /C	28.0	28.1	28.0	28.0	28.1	28.1	28.0	28.0
D.O. mg / L	4.29	3.53	5.58	3.57	4.81	4.54	5.09	4.95
D.O. % sat.	66.7	55.0	86.8	55.6	74.9	70.6	79.1	77.1
CONDUCTIVITY(umhos)	53576	53711	53725	53721	53365	53361	53600	53677
SALINITY ppt.	35.29	35.39	35.4	35.4	35.13	35.13	35.31	35.37
pH su.	7.95	7.95	7.98	7.98	7.96	7.96	8.00	8.00
SECCHI DEPTH	3.00	3.00	1.75	1.75	2.75	2.75	2.00	2.00

<b>FIELD COMMENTS:</b>	Outgoing Tide low to no flow cloudy medium light.	Outgoing Tide low to no flow cloudy medium light.	Outgoing Tide low to no flow cloudy medium light.	Outgoing Tide low to no flow cloudy medium light.
<b>WEATHER :</b>	80 DEG F	80 DEG F	81 DEG F	81 DEG F
<b>FIELD EQUIP. USED: ID # :</b>	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication			
SAMPLED BY: (PRINT) /	FF / AEL	Sampler's Signature	Date
AFFILIATION:// ADVANCED ENVIRONMENTAL LABORATORIES			4/19/21

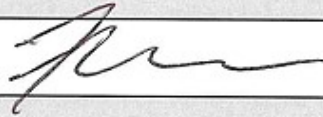


# Advanced Environmental Laboratories, Inc

Client Name:	<b>CITY OF MARCO ISLAND</b>	Site Name:	<b>MARCO ISLAND WATERWAYS</b>
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Water Sample Parameters							
SAMPLE LOCATION	HOLLY HOCK	HOLLY HOCK	HUMMING BIRD	HUMMING BIRD	WINDMILL	WINDMILL	EQUIP BLANK
SAMPLE TIME	1052	1053	1032	1033	1109	1110	1048
SAMPLE DEPTH	0.30m top	1.75	0.30m top	2.25	0.30m top	3.75	NA
TOTAL DEPTH	2.00	2.00	2.50	2.50	4.00	4.00	NA
TEMP /C	28.4	28.3	28.5	28.5	28.3	28.2	NA
D.O. mg / L	3.70	3.21	3.39	3.07	4.31	3.39	NA
D.O. % sat.	59.0	50.2	52.9	47.9	67.2	52.7	NA
CONDUCTIVITY(umhos)	53251	53785	52751	52914	53313	53762	NA
SALINITY ppt.	35.04	35.44	34.67	34.79	35.09	35.43	NA
pH su.	7.87	7.87	7.78	7.78	7.86	7.86	NA
SECCHI DEPTH	2.00	2.00	2.50	2.50	3.00	3.00	NA

<b>FIELD COMMENTS:</b>	Outgoing Tide low to no flow cloudy medium light.	Outgoing Tide low to no flow cloudy medium light.	Outgoing Tide low to no flow cloudy medium light.	NA
<b>WEATHER :</b>	81 DEG F	82 DEG F	82 DEG F	81 DEG F
<b>FIELD EQUIP. USED: ID # :</b>	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X	VAN DORN / F3X

Authentication			
SAMPLED BY: (PRINT) /	FF / AEL		Date
AFFILIATION: / ADVANCED ENVIRONMENTAL LABORATORIES	Sampler's Signature		4/19/21