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July 14, 2021

Troy Stephens
City of Atlantic Beach
902 Assisi Lane
Atlantic Beach, FL 32233

RE: Workorder: J2108213 Priority Pollutants

Dear Troy Stephens:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, June 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,

Enclosures

Report ID: 1064819

DRAFT

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SAMPLE SUMMARY

Workorder: J2108213 Priority Pollutants

Lab ID	Sample ID	Matrix	Date Collected	Date Received
J2108213001	1A	Water	6/17/2021 09:40	6/18/2021 12:20
J2108213002	2A	Water	6/17/2021 10:00	6/18/2021 12:20
J2108213003	3A	Water	6/17/2021 10:40	6/18/2021 12:20
J2108213004	4A	Water	6/17/2021 11:45	6/18/2021 12:20

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ANALYTICAL RESULTS

Workorder: J2108213 Priority Pollutants

Lab ID: **J2108213001**

Date Received: 06/18/21 12:20 Matrix: Water

Sample ID: **1A**

Date Collected: 06/17/21 09:40

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: E200.8 Analysis,Waters			Preparation Method: EPA 200.8					
			Analytical Method: EPA 200.8					
Antimony	0.020	U	mg/L	20	0.080	0.020	7/10/2021 23:52	J
Arsenic	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:00	J
Beryllium	0.020	U	mg/L	20	0.080	0.020	6/25/2021 17:00	J
Cadmium	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:00	J
Chromium	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:00	J
Copper	0.020	U	mg/L	20	0.080	0.020	6/25/2021 17:00	J
Lead	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:00	J
Nickel	0.054	I	mg/L	20	0.10	0.025	6/25/2021 17:00	J
Selenium	0.025	U	mg/L	20	0.10	0.025	7/9/2021 13:28	J
Silver	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:00	J
Thallium	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:00	J
Zinc	0.19	I	mg/L	20	0.48	0.12	6/25/2021 17:00	J
Analysis Desc: EPA 245.1 Analysis,Water			Preparation Method: EPA 245.1					
			Analytical Method: EPA 245.1					
Mercury	0.000011	U	mg/L	1	0.00010	0.000011	6/23/2021 15:41	J

Lab ID: **J2108213002**

Date Received: 06/18/21 12:20 Matrix: Water

Sample ID: **2A**

Date Collected: 06/17/21 10:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: E200.8 Analysis,Waters			Preparation Method: EPA 200.8					
			Analytical Method: EPA 200.8					
Antimony	0.020	U	mg/L	20	0.080	0.020	7/10/2021 23:58	J
Arsenic	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:04	J
Beryllium	0.020	U	mg/L	20	0.080	0.020	6/25/2021 17:04	J
Cadmium	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:04	J
Chromium	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:04	J
Copper	0.020	U	mg/L	20	0.080	0.020	6/25/2021 17:04	J

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ANALYTICAL RESULTS

Workorder: J2108213 Priority Pollutants

Lab ID: **J2108213002**
Sample ID: **2A**

Date Received: 06/18/21 12:20 Matrix: Water
Date Collected: 06/17/21 10:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Lead	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:04	J
Nickel	0.057	I	mg/L	20	0.10	0.025	6/25/2021 17:04	J
Selenium	0.025	U	mg/L	20	0.10	0.025	7/9/2021 13:34	J
Silver	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:04	J
Thallium	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:04	J
Zinc	0.12	U	mg/L	20	0.48	0.12	6/25/2021 17:04	J

Analysis Desc: EPA 245.1
Analysis, Water

Preparation Method: EPA 245.1

Analytical Method: EPA 245.1

Mercury	0.000011	U	mg/L	1	0.00010	0.000011	6/23/2021 15:54	J
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Lab ID: **J2108213003**
Sample ID: **3A**

Date Received: 06/18/21 12:20 Matrix: Water
Date Collected: 06/17/21 10:40

Sample Description:

Location:

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

Analysis Desc: E200.8 Analysis, Waters

Preparation Method: EPA 200.8

Analytical Method: EPA 200.8

Antimony	0.020	U	mg/L	20	0.080	0.020	7/11/2021 00:04	J
Arsenic	0.0074	I	mg/L	20	0.020	0.0050	7/3/2021 23:46	J
Beryllium	0.020	U	mg/L	20	0.080	0.020	6/25/2021 17:09	J
Cadmium	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:09	J
Chromium	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:09	J
Copper	0.020	U	mg/L	20	0.080	0.020	6/25/2021 17:09	J
Lead	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:09	J
Nickel	0.070	I	mg/L	20	0.10	0.025	6/25/2021 17:09	J
Selenium	0.025	U	mg/L	20	0.10	0.025	7/9/2021 13:40	J
Silver	0.010	U	mg/L	20	0.040	0.010	6/25/2021 17:09	J
Thallium	0.0050	U	mg/L	20	0.020	0.0050	6/25/2021 17:09	J
Zinc	0.12	U	mg/L	20	0.48	0.12	6/25/2021 17:09	J

Analysis Desc: EPA 245.1
Analysis, Water

Preparation Method: EPA 245.1

Analytical Method: EPA 245.1

Mercury	0.000011	U	mg/L	1	0.00010	0.000011	6/23/2021 15:59	J
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ANALYTICAL RESULTS

Workorder: J2108213 Priority Pollutants

Lab ID: **J2108213004**

Date Received: 06/18/21 12:20 Matrix: Water

Sample ID: **4A**

Date Collected: 06/17/21 11:45

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: E200.8 Analysis,Waters			Preparation Method: EPA 200.8					
			Analytical Method: EPA 200.8					
Arsenic	0.0060	I	mg/L	20	0.020	0.0050	7/4/2021 00:26	J
Beryllium	0.020	U	mg/L	20	0.080	0.020	7/4/2021 00:26	J
Cadmium	0.0050	U	mg/L	20	0.020	0.0050	7/4/2021 00:26	J
Chromium	0.010	U	mg/L	20	0.040	0.010	7/4/2021 00:26	J
Copper	0.020	U	mg/L	20	0.080	0.020	7/4/2021 00:26	J
Lead	0.010	U	mg/L	20	0.040	0.010	7/4/2021 00:26	J
Nickel	0.076	I	mg/L	20	0.10	0.025	7/4/2021 00:26	J
Selenium	0.025	U	mg/L	20	0.10	0.025	7/9/2021 14:03	J
Silver	0.010	U	mg/L	20	0.040	0.010	7/4/2021 00:26	J
Thallium	0.0050	U	mg/L	20	0.020	0.0050	7/4/2021 00:26	J
Zinc	0.12	U	mg/L	20	0.48	0.12	7/4/2021 00:26	J
Analysis Desc: EPA 245.1 Analysis,Water			Preparation Method: EPA 245.1					
			Analytical Method: EPA 245.1					
Mercury	0.000011	U	mg/L	1	0.00010	0.000011	6/23/2021 16:03	J

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ANALYTICAL RESULTS QUALIFIERS

Workorder: J2108213 Priority Pollutants

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.

LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: J2108213 Priority Pollutants

QC Batch: DGMj/1712 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Prepared: 06/22/2021 10:30
Associated Lab Samples: J2108213001, J2108213002, J2108213003

METHOD BLANK: 3929945

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Beryllium	mg/L	0.0010	0.0010 U
Chromium	mg/L	0.00050	0.00050 U
Nickel	mg/L	0.0012	0.0012 U
Copper	mg/L	0.0010	0.0010 U
Zinc	mg/L	0.0060	0.0060 U
Arsenic	mg/L	0.00025	0.00025 U
Selenium	mg/L	0.0012	0.0012 U
Silver	mg/L	0.00050	0.00050 U
Cadmium	mg/L	0.00025	0.00025 U
Antimony	mg/L	0.0010	0.0010 U
Thallium	mg/L	0.00025	0.00025 U
Lead	mg/L	0.00050	0.00050 U

QC Batch: DGMj/1729 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Prepared: 06/23/2021 11:06
Associated Lab Samples: J2108213001, J2108213002, J2108213003, J2108213004

METHOD BLANK: 3932085

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Mercury	mg/L	0.000011	0.000011 U

QC Batch: DGMj/1757 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Prepared: 06/28/2021 11:00
Associated Lab Samples: J2108213004

METHOD BLANK: 3937248

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Beryllium	mg/L	0.0010	0.0010 U
Chromium	mg/L	0.00050	0.00050 U

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QUALITY CONTROL DATA

Workorder: J2108213 Priority Pollutants

METHOD BLANK: 3937248

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Nickel	mg/L	0.0012	0.0012 U
Copper	mg/L	0.0010	0.0010 U
Zinc	mg/L	0.0060	0.0060 U
Arsenic	mg/L	0.00025	0.00025 U
Selenium	mg/L	0.0012	0.0012 U
Silver	mg/L	0.00050	0.00050 U
Cadmium	mg/L	0.00025	0.00025 U
Antimony	mg/L	0.0010	0.0010 U
Thallium	mg/L	0.00025	0.00025 U
Lead	mg/L	0.00050	0.00050 U

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: J2108213 Priority Pollutants

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
J2108213001	1A	EPA 200.8	DGMj/1712	EPA 200.8	ICMj/1277
J2108213002	2A	EPA 200.8	DGMj/1712	EPA 200.8	ICMj/1277
J2108213003	3A	EPA 200.8	DGMj/1712	EPA 200.8	ICMj/1277
J2108213001	1A	EPA 245.1	DGMj/1729	EPA 245.1	CVAj/1171
J2108213002	2A	EPA 245.1	DGMj/1729	EPA 245.1	CVAj/1171
J2108213003	3A	EPA 245.1	DGMj/1729	EPA 245.1	CVAj/1171
J2108213004	4A	EPA 245.1	DGMj/1729	EPA 245.1	CVAj/1171
J2108213004	4A	EPA 200.8	DGMj/1757	EPA 200.8	ICMj/1301

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